27 MISSISSAUGA RD S,MISSISSAUGA, ON
UNDERPINNING, FINISHED BASEMENT & ALTERATION PROJECT

GENERAL NOTES

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3- THE CONTRACTOR SHOULD VISIT THE SITE AND BECOME FAMILIARIZED WITH ALL CHARACTERISTICS AFFECTING NEW AND EXISTING CONSTRUCTION. CONTRACTOR SHALL CHECK ALL DIMENSION ON WORKING DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK ANY CHANGES, ALTERATIONS, OR REVISION MUST BE REPORTED TO ENGINEER BEFORE PROCEEDING WITH WORK.

4- THE DESIGN LOADS FOR THE BUILDING AND ITS COMPONENTS IS DETERMINED IN ACCORDANCE WITH 2012 OBC DIV. B PART 4 AND 2010 NBC.

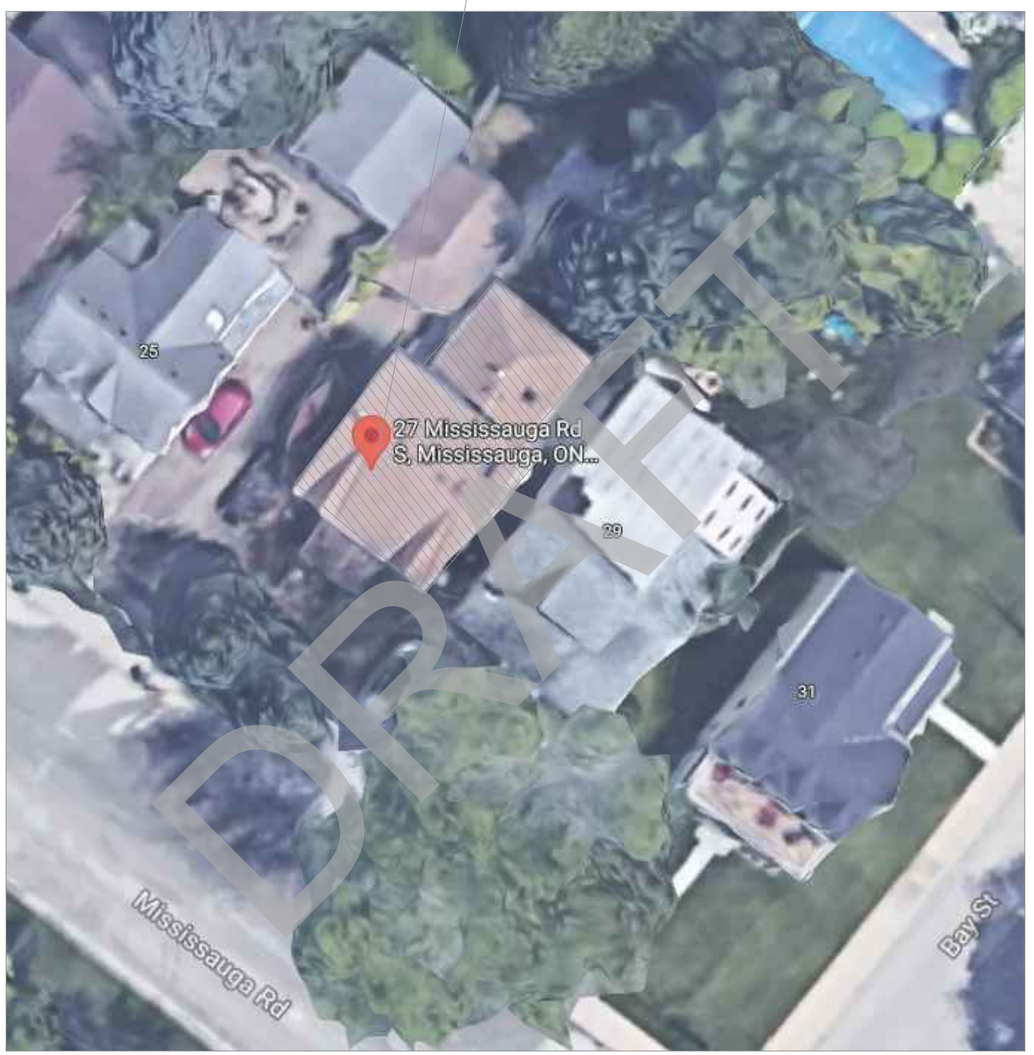
5- ALL WORKS IS TO BE PERFORMED IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS- O. REG. 231/91 LOADING.

6- SOIL BEARING CAPACITY = 100 KPA (ASSUMED) (TO BE SITE VERIFIED).

JK STRUCTURALENG INC.
1560 Brimley Road, Toronto, ON
416-291-7474 / 289-923-1772
jkstructuraleng.com

ENGINEER: **JUSTIN MAWOKO**	DESIGNED BY: **M.S**
PROJECT: **27 MISSISSAUGA RD S,MISSISSAUGA, ON** **UNDERPINNING, FINISHED BASEMENT & ALTERATION PROJECT**	
DRAWING NAME: **COVER PAGE**	
DRAWING NO.: **SA-01**	DATE: **22 SEPT 2021** / SCALE: **NTS**

27 MISSISSAUGA RD S., MISSISSAUGA



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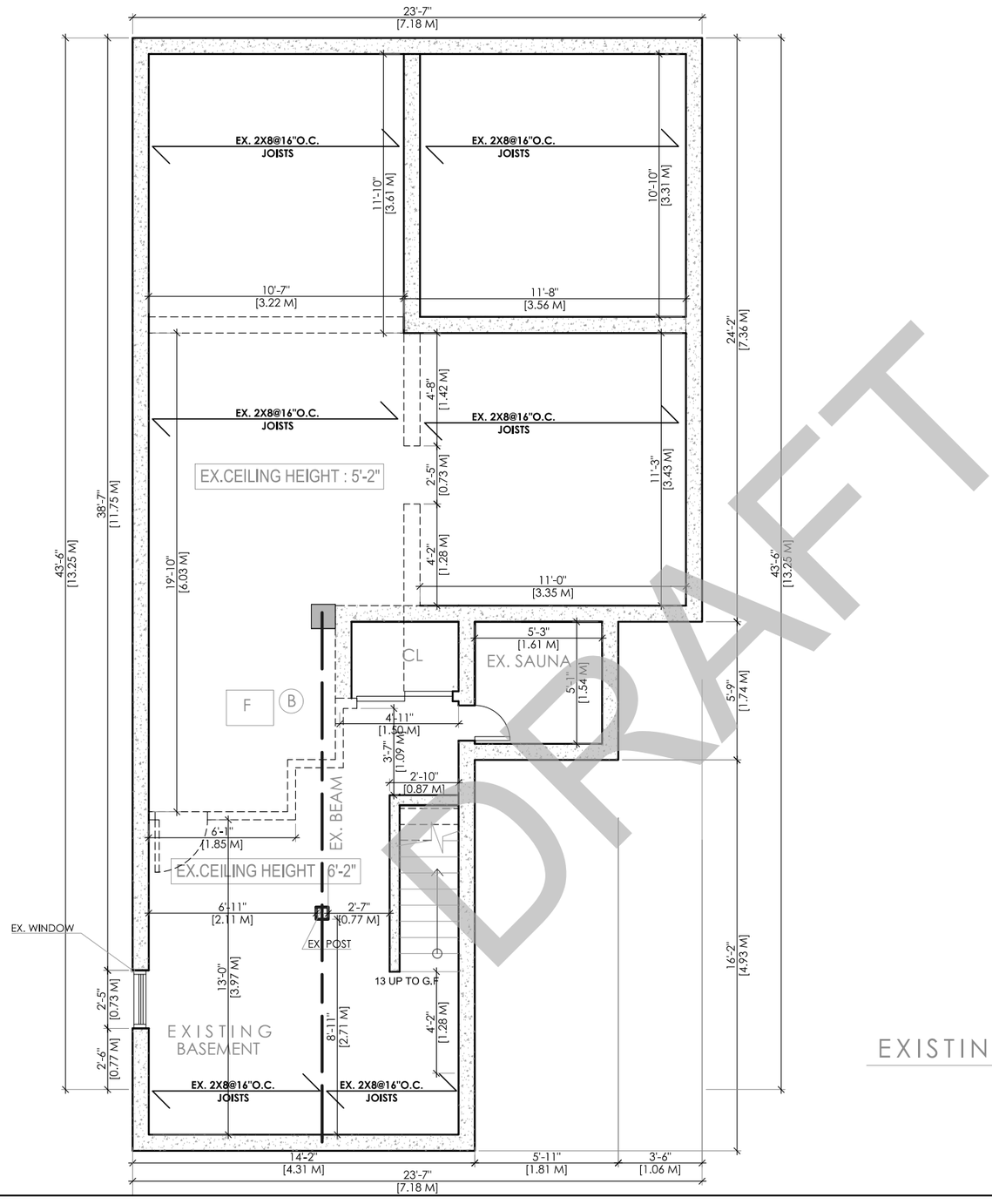
PROJECT: **27 MISSISSAUGA RD S,MISSISSAUGA, ON** **UNDERPINNING, FINISHED BASEMENT & ALTERATION PROJECT**	
DRAWING NAME: **SITE PLAN**	
DRAWING NO.: **SA-02**	DATE: **22 SEPT 2021** / SCALE: **NTS**



EXISTING **BASEMENT** FLOOR

GENERAL NOTES

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- **WALL TO REMAIN**
- **WALL/ WINDOW/ DOOR TO BE REMOVED**
- **PROPOSED NEW WALL**

PLA - POINT LOAD ABOVE

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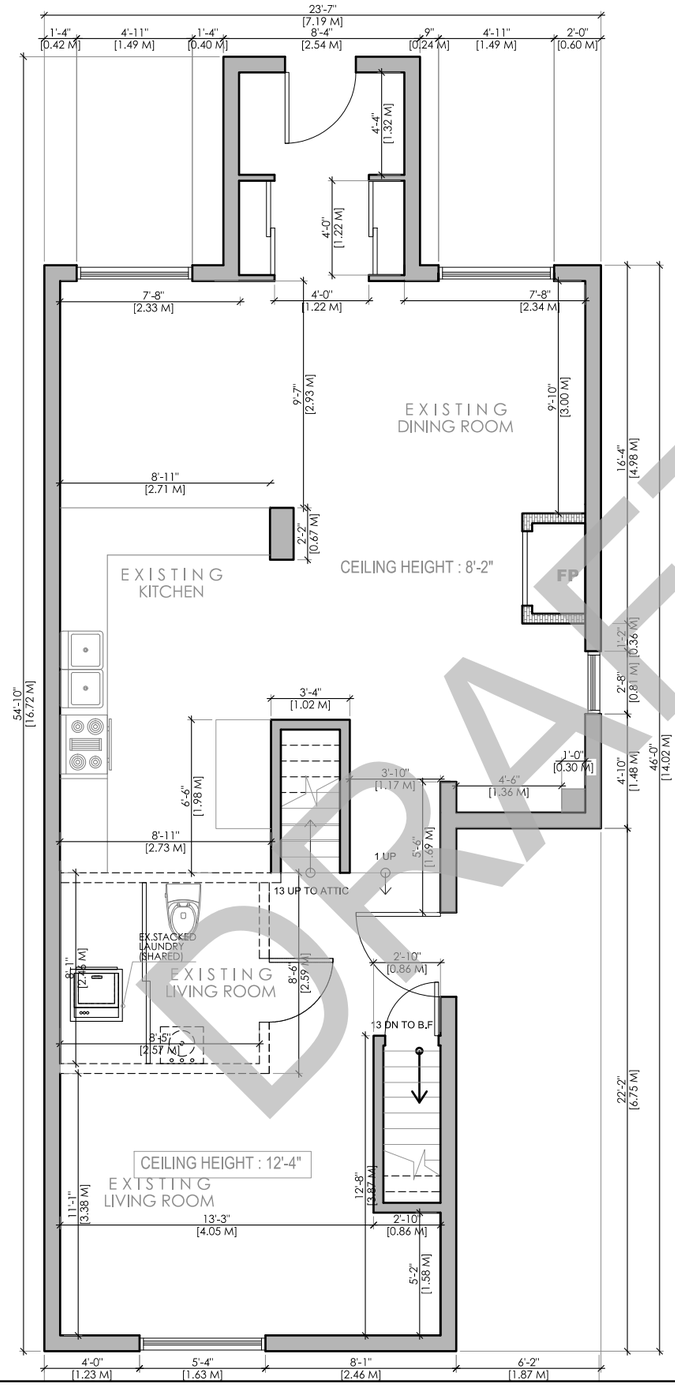
ENGINEER: **JUSTIN MAWOKO**
DESIGNED BY: **M.S**
PROJECT: **27 MISSISSAUGA RD S,MISSISSAUGA, ON**
UNDERPINNING, FINISHED BASEMENT & ALTERATION PROJECT
DRAWING NAME: **EX. BASEMENT FLOOR**
DRAWING NO.: **SA-03**
DATE: **22 SEPT 2021**
SCALE: **3/16"=1'-0"**



EXISTING **GROUND** FLOOR

GENERAL NOTES

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- **WALL/ WINDOW/ DOOR TO BE REMOVED**
- **PROPOSED NEW WALL**

PLA - POINT LOAD ABOVE

JK STRUCTURALENG INC.
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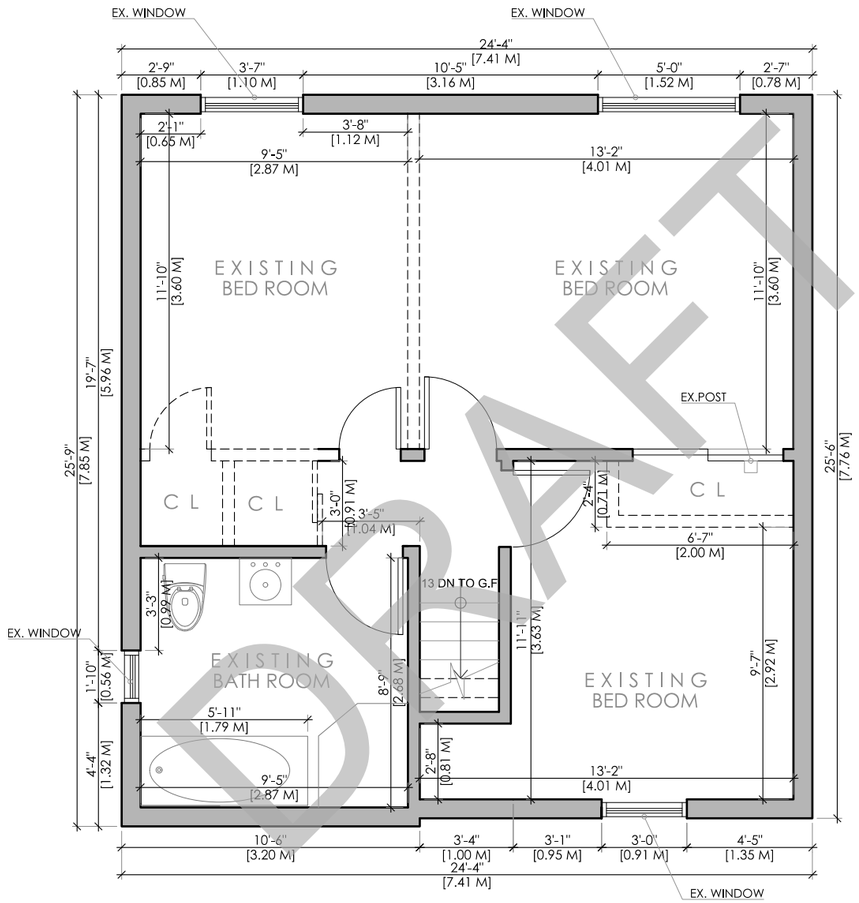
ENGINEER: **JUSTIN MAWOKO** | DESIGNED BY: **M.S**

PROJECT: **27 MISSISSAUGA RD S,MISSISSAUGA, ON**
UNDERPINNING, FINISHED BASEMENT & ALTERATION PROJECT

DRAWING NAME: **EX. GROUND FLOOR**

DRAWING NO.: **SA-04** | DATE: **22 SEPT 2021** | SCALE: **1/4"=1'-0"**



EXISTING **SECOND** FLOOR

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PLA - POINT LOAD ABOVE

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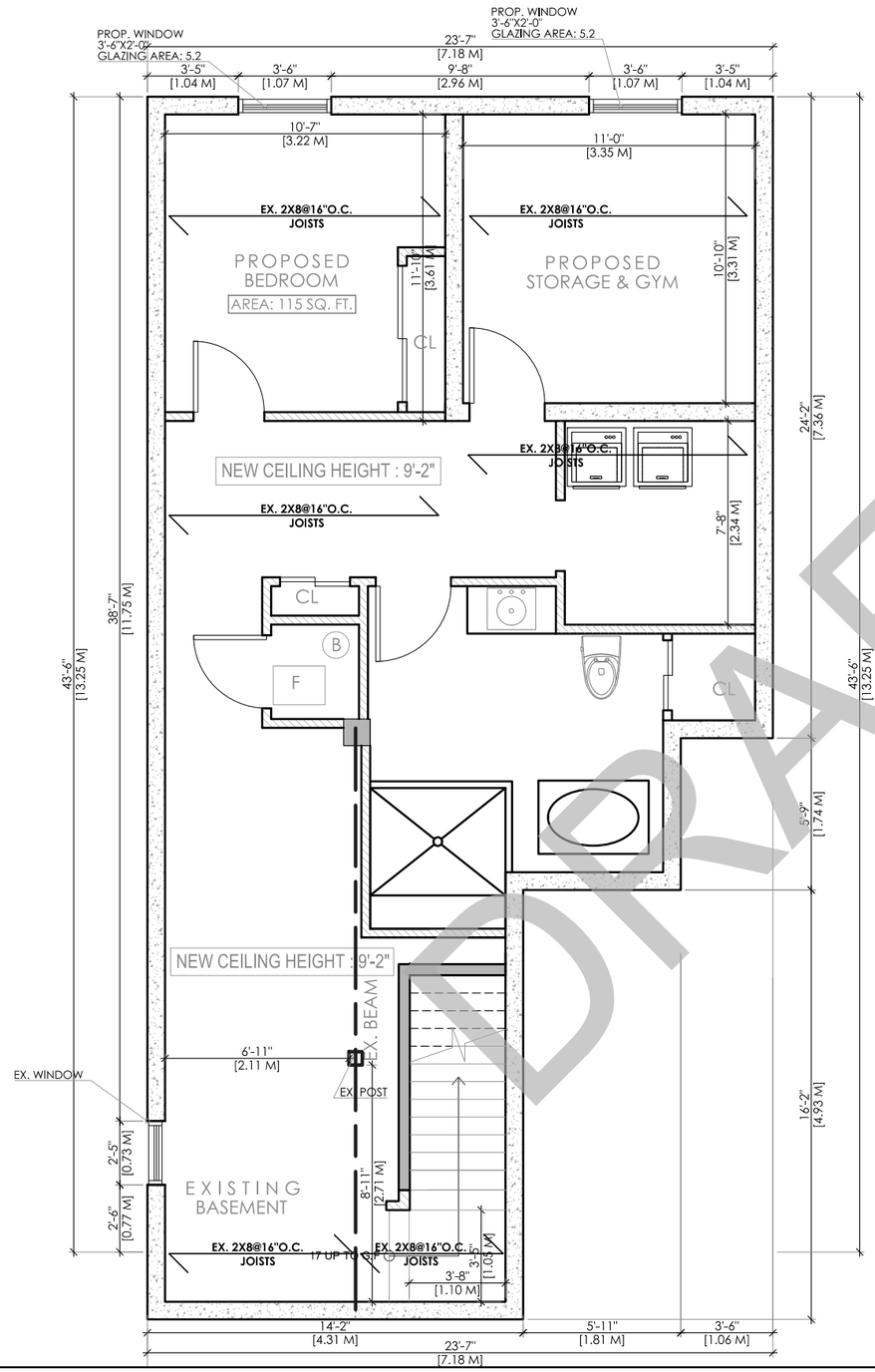
ENGINEER: **JUSTIN MAWOKO** | DESIGNED BY: **M.S**
PROJECT: **27 MISSISSAUGA RD S,MISSISSAUGA, ON**
UNDERPINNING, FINISHED BASEMENT & ALTERATION PROJECT
DRAWING NAME: **EX. SECOND FLOOR**
DRAWING NO.: **SA-05** | DATE: **22 SEPT 2021** | SCALE: **1/4"=1'-0"**



PROPOSED FINISHED **BASEMENT**
F L O O R

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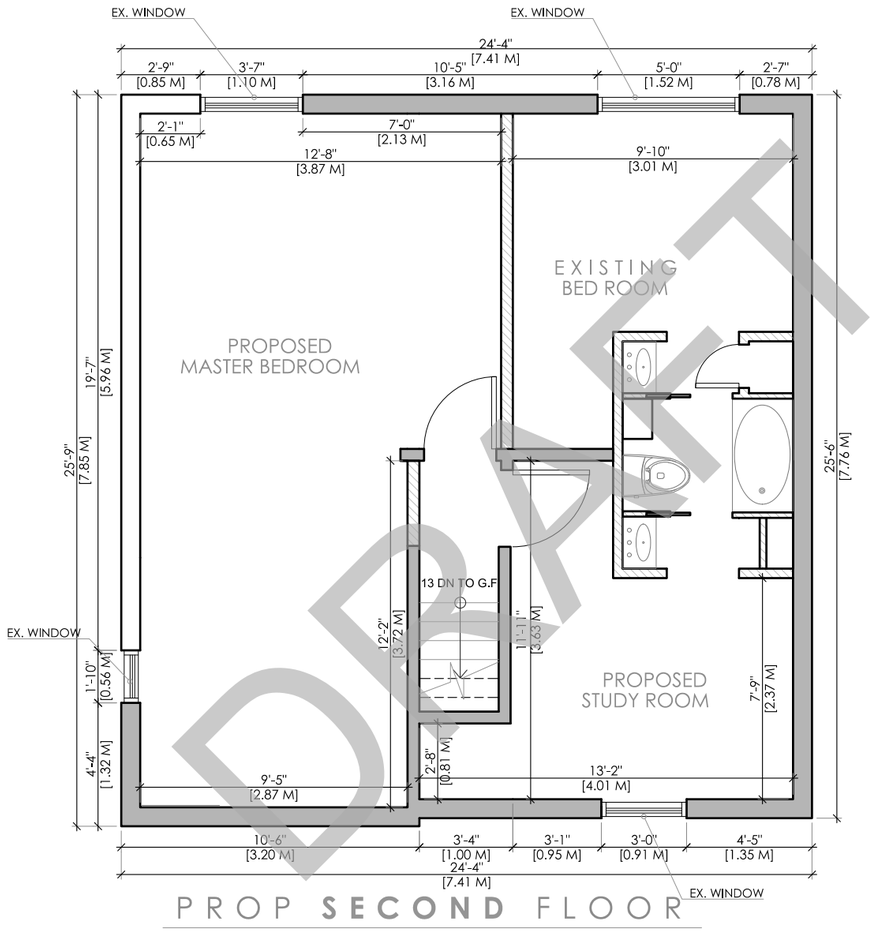
ENGINEER: **JUSTIN MAWOKO**	DESIGNED BY: **M.S**
PROJECT: **27 MISSISSAUGA RD S,MISSISSAUGA, ON** **UNDERPINNING, FINISHED BASEMENT & ALTERATION PROJECT**	
DRAWING NAME: **PROP. FINISHED BASEMENT**	
DRAWING NO.: **SA-07**	DATE: **22 SEPT 2021** / SCALE: **3/16"=1'-0"**



PROP **SECOND** FLOOR

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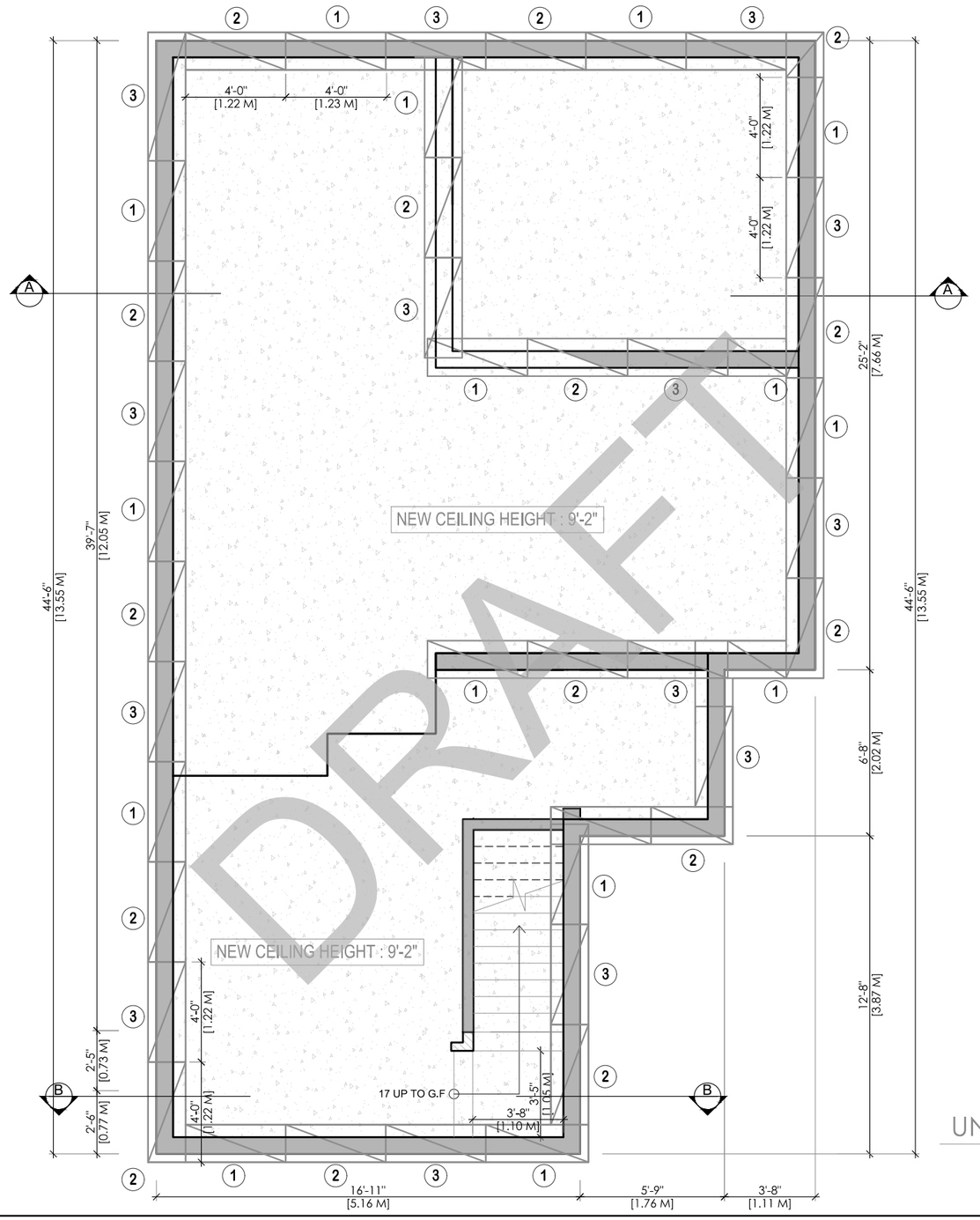
ENGINEER: **JUSTIN MAWOKO**
DESIGNED BY: **M.S**
PROJECT: **27 MISSISSAUGA RD S,MISSISSAUGA, ON**
UNDERPINNING, FINISHED BASEMENT & ALTERATION PROJECT
DRAWING NAME: **PROP. SECOND FLOOR**
DRAWING NO.: **SA-08**
DATE: **22 SEPT 2021**
SCALE: **3/16"=1'-0"**



UNDERPINNING- **BASEMENT** FLOOR

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ENGINEER: **JUSTIN MAWOKO**

DESIGNED BY: **M.S**

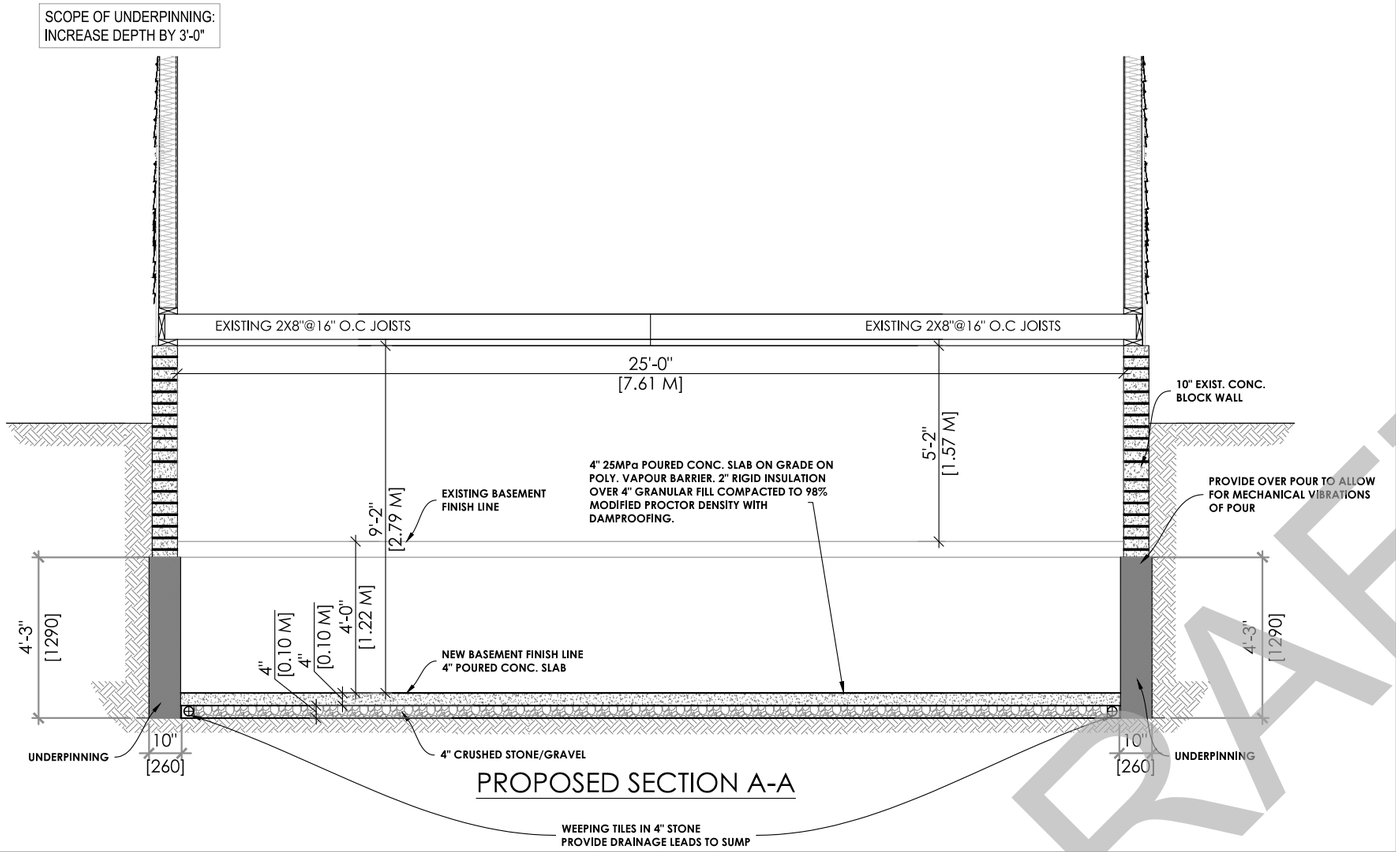
PROJECT: **27 MISSISSAUGA RD S,MISSISSAUGA, ON**
UNDERPINNING, FINISHED BASEMENT & ALTERATION PROJECT

DRAWING NAME: **BASEMENT UNDERPINNING**

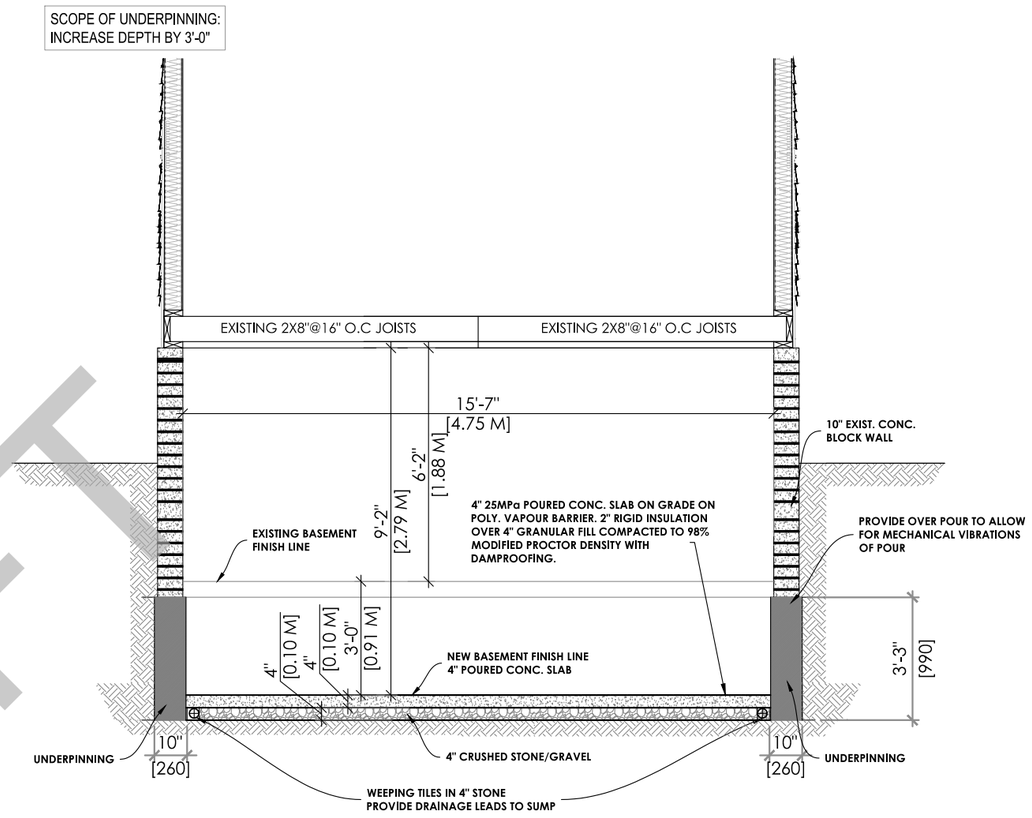
DRAWING NO.: **SA-09**

DATE: **22 SEPT 2021**

SCALE: **3/16"=1'-0"**



PROPOSED SECTION A-A



PROPOSED SECTION B-B

UNDERPINNING **DETAILS**

GENERAL **NOTES**

1. WHERE THE FOUNDATIONS OF A BUILDING ARE TO BE CONSTRUCTED BELOW THE LEVEL OF THE FOOTINGS OF AN ADJACENT BUILDING AND WITHIN THE ANGLE OF REPOSE OF THE SOIL, OR THE UNDERPINNING EXCEEDS 1200mm OF LITERALLY UNSUPPORTED HEIGHT OR THE SOIL IS CLAY OR SILT, THE UNDERPINNING AND RELATED CONSTRUCTION SHALL BE CONSTRUCTED BY A STRUCTURAL ENGINEER.
2. EXCAVATION SHALL BE UNDERTAKEN IN A MANNER SO TO PREVENT MOVEMENT WHICH WOULD CAUSE DAMAGE TO ADJACENT PROPERTIES, STRUCTURES, UTILITIES, ROADS AND SIDEWALKS. CONTACT YOUR LOCAL UTILITIES PRIOR TO COMMENCING EXCAVATIONS.
3. MINIMUM CONCRETE STRENGTH FOR UNDERPINNING SHALL BE 15MPa AT 28 DAYS, ALL EXTERIOR CONCRETE SHALL BE 32MPa WITH 5% TO 8% AIR ENTRAINMENT.
4. CONCRETE SHALL BE CURED MINIMUM 48 HOURS BEFORE GROUTING AND PROCEEDING TO THE NEXT STAGE..
5. SHORE AND BRACE WHERE NECESSARY TO ENSURE THE SAFETY AND STABILITY OF THE EXISTING STRUCTURE DURING UNDERPINNING.
6. WEEPING TILE IS TO DRAIN TO STORM SEWER, DITCH, DRY WELL OR INSTALL COVERED SANDPIT WITH AN AUTOMATIC PUMP.
7. FOOTINGS 450mm x 100mm ALL FOOTINGS SHALL REST ON NATURAL RESTING UNDISTURBED SOIL OR COMPACTED GRANULAR FILL.
8. CONCRETE MINIMUM COMPRESSIVE STRENGTH OF 32MPa @ 28 DAYS WITH 5 - 8% AIR ENTRAINMENT.
9. INSULATION MINIMUM RSI 2.11 INSULATION AND VAPOR BARRIER ON THE INSIDE FACE OF THE EXPOSED FOUNDATION WALL. MINIMUM RSI 1.41 INSULATION FOR 600mm BELOW GRADE @ WALKOUT LANDING

CONSTRUCTION **NOTES**

1- ONLY DIG WHEN THE GROUND IS DRY AND FIRM.
2- UNDERSIDE OF THE FOOTINGS HAVE TO BE DIVIDED INTO MAX 4' WIDE SECTIONS AND DUG IN SEQUENCE AS SHOWN ON BASEMENT PLAN.
3- ALL SECTIONS WITH THE SAME NUMBER CAN BE DUG SIMULTANEOUSLY, HOWEVER, DIG AS MANY SECTIONS AS IT CAN BE POURED CONCRETE ON THE SAME DAY.
4- LET THE CONCRETE SET FOR MIN 48 HOURS BEFORE DIGGING ADJACENT TO THE POURED SECTION.
5- USE 25 MPa CONCRETE AND MAKE SURE THE DUG AREA IS CLEAN OF ANY LOOSE MATERIAL BEFORE POURING.

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PLA - POINT LOAD ABOVE

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ENGINEER: **JUSTIN MAWOKO** | DESIGNED BY: **M.S**
PROJECT: **27 MISSISSAUGA RD S,MISSISSAUGA, ON**
UNDERPINNING, FINISHED BASEMENT & ALTERATION PROJECT
DRAWING NAME: **UNDERPINNING SECTION**
DRAWING NO.: **SA-10** | DATE: **22 SEPT 2021** | SCALE: **1/4"=1'-0"**

CONSTRUCTION NOTES:

1 ROOF CONSTRUCTION:

NO. 210 ASPHALT SHINGLES (SELF-SEALING)
ASTME - 108-58 CLASS "C" ON 5/8" PLYWOOD SHEATHING
W/ 'H' CLIPS ON 2"x6" RAFTERS (OR AS SHOWN ON DWGS.)
@ 16" O.C. W/2"x6" RIDGE BOARD (OR AS SHOWN ON DWGS.)
2"x4" COLLAR TIES AT MID-SPANS
1"x4" RIBBON TIES AS REQUIRED
R-31 ROOF INSULATION AND VAPOUR BARRIER.
CONTINUOUS AIR BARRIER AS PER O.B.C. 9.25.5.
1/2" INTERIOR DRYWALL FINISH.
PRE-FINISHED ALUMINUM OR PAINTED GALVANIZED METAL
EAVESTROUGH ON PRE-FINISHED ALUMINUM FASCIA &
AND MIN. 12" BEYOND INNER FACE OF EXTERIOR WALL.
PREFINISHED ALUMINUM VENTED SOFFIT.

2 FOUNDATION WALL:

10" ICF FOUNDATION WALL ON
20"x10" DEEP FOOTINGS.
25 MPa MIN FOR WALLS AND FOOTING
USE NEW DEFORMED 400 MPa REINFORCING BARS
ALL REINFORCING BARS SHALL HAVE MINIMUM 40 MM COVER
ALL SPLICES SHOULD BE MINIMUM 2' OVERLAPPED
2-10M CONT. FOOTING REINF.

FOUNDATION WALLS TO BE ADEQUATELY BRACED PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURALLY UNDISTURBED SOI. ASSUME MIN SOIL BEARING CAPACITY TO 100MPa. BACKFILL WITH SUSCEPTIBLE SOIL(NONSHRINK)

3 BRICK VENEER CONSTRUCTION:

3 1/2" FACE BRICK OR STONE FACING W/ 3/8" Dia.
WEEP HOLES AT 32" O.C. AT STARTER COURSE AND
OVER OPENINGS (TO BE LEFT CLEAN).
BASE FLASHING TO BE CARRIED MIN. 6" UP BEHIND
WALL SHEATHING PAPER. GALVANIZED METAL TIES
1"x 7"x 0.03" AT 16" O.C. HOR. & 24"O.C.VERT.
ALL MASONRY VENEER TIES SHALL BE MIN. 0.03" THICK
AND 7/8" WIDE CORROSION-RESISTANT STRAPS AND SHALL
CONFORM TO CAN3-A370-MBA "CONNECTORS FOR MASONRY".
1" AIR SPACE. 3/8" BUILDING PAPER LAYERS TO OVERLAP 1/2"
1/2"EXTERIOR SHEATHING ON 2" X 6" (OR AS SHOWN)
SPRUCE STUDS AT 16" O.C.
RSI 3.35 (R19) NON-COMBUSTIBLE BATT INSULATION AND VAPOUR
BARRIER CONTINUOUS AIR BARRIER AS PER O.B.C. 9.25.5.
GIRTS AT 4'-0" FOR STUD HEIGHTS GREATER THAN 8'-0".
DOUBLE TOP PLATE AND SINGLE BOTTOM (SILL) PLATE.
VAPOUR BARRIER ON WARM SIDE.
1/2" INTERIOR DRYWALL TAPED AND SANDED. (DRYWALL TO
EXTEND BEHIND FURNACE/FIREPLACE METAL FLUE VENTS).
NOTE: CORBELLING TO COMPLY TO SECTION 9.20.12 OF THE
ONTARIO BUILDING CODE.

4 INTERIOR STUD PARTITIONS:

2"x 4" (OR AS SHOWN) STUDS AT 16" O.C.
FOR BEARING WALLS. DOUBLE TOP PLATE AND SINGLE
BOTTOM PLATE WITH 1/2" INTERIOR DRYWALL ON
BOTH SIDES TAPED AND SANDED.

5 FOUNDATION INSULATION:

1/2" GYP. BD. ON 6 MIL. VAPOUR BARRIER ON 2"x4"
WOOD STRAPPING WITH MIN. R20 FIBRE INSULATION
ON CONCRETE FOUNDATION WALL DAMPROOFED
SATURATED FELT OR PAPER LAPPED
4" AT JOINTS.
DAMPROOFING SHALL EXTEND FROM THE LOWEST LEVEL OF
FOUNDATION INSULATION AND SHALL TERMINATE AT GRADE LEVEL.
NO MEMBRANE SHALL BE APPLIED ABOVE GRADE LEVEL BETWEEN
THE INSULATION AND THE FOUNDATION WALL.
FOUNDATION INSULATION TO EXTEND FROM CEILING TO MINIMUM
2'-0" BELOW FINISHED GRADE LEVEL EXCEPT AT COLD STORAGE
(IF ANY) WHERE INSULATION SHALL EXTEND FROM CEILING
TO FINISHED BASEMENT FLOOR.

6 WEEPING TILE:

4" Dia. WEEPING TILE AROUND ALL FOOTINGS
INCLUDING GARAGE FOOTINGS. WEEPING TILE TO BE COVERED
WITH 6" OF CRUSHED STONE.

7 SLAB ON GRADE:

4" 25MPa POURED CONC. SLAB ON GRADE ON POLY. VAPOUR BARRIER. REINFORCED W/
6X6X6 /6 WELDED WIRE MESH ON 2" RIGID INSULATION OVER 6" GRANULAR FILL
COMPACTED TO 98% MODIFIED PROCTOR DENSITY WITH DAMPROOFING.

8 SUBFLOOR JOIST STRAPPING AND BRIDGING

5/8" SUBFLOOR ON FLOOR JOIST, FOR TILE APPLICATION (O.B.C 9.30.8.4)
ALL JOIST TO BE BRIDGE WITH 2"x2", CROSSS BRACING TO BE
SOLID BLOCKING @ 2100mm (6'-11") O.C. MAX. ALL JOIST TO BE
STRAPPED WITH 1"x3" @ 2100mm (6'-11") O.C.

9 WET WALL PROTECTION:

CERAMICS AND PLASTIC TILE INSTALLED ON WALL AROUND
BATHTUBS AND SHOWERS SHALL BE APPLIED OVER
MOISTURE RESISTANT BACKING.
JOINTS BETWEEN WALL TILES AND BATHTUB SHALL BE
CAULKED WITH MATERIAL CONFORMING TO CGSB 19-GP-22M
"SEALING COMPOUND MILDEW RESISTANT, FOR TUBS AND TILE".

10 DAMPROOFING (STAIR):

DAMPROOF UNDERSIDE OF STAIR STRINGER WITH 45# ROLL
ROOFING OR WITH 2 MIL. POLY. WHEN STAIR STRINGER
IS IN CONTACT WITH A CONCRETE SLAB ON GRADE SUCH
AS BASEMENT.

11 CERAMIC FINISHED FLOORS:

CERAMIC FLOOR TILES ON 1 1/2" MORTAR BASE REINFORCED
WITH WIRE MESH ON 5/8" SUBFLOOR- ALL EDGES
SUPPORTED BY MINIMUM 2"x 2" BLOCKING

12 ROOF INSULATION:

13mm (1/2") GYP. WALLBD TAPED AND SANDED.
6 MIL POLY. VAPOUR BARRIER
R40 FIBERGLASS BATTS BETWEEN CEILING JOISTS
SECTION 9.25.4., TABLE 12.3.2.1. OF THE O.B.C.

13 FLOORS:

FLOOR FINISH ON 5/8" TONGUE & GROOVE
SUBFLOOR ON FLOOR JOISTS AS NOTED ON PLANS
- ALL JOISTS TO BE BRIDGED A CONTINUOUS 1"x4"
OR 2"x 2" CROSS BRIDGING OR SOILD BLOCKING AT
7'-0" O.C. Max. OR 4'-6" O.C. WITHIN 18" OF
MAX. SPAN (UNLESS NOTED OTHERWISE).

14 SILL PLATE:

2"x 6" (OR AS SHOWN) PLATE
WITH 1/2" Dia. ANCHOR BOLTS x 12" LONG
MIN. 4" IN CONCRETE @ 8'-0" O.C.

15 BEAM POCKET OR CONCRETE PILASTER:

BEAM POCKET IN POURED CONCRETE WALL OR 4"x 12"
CONCRETE PILASTER (UNLESS SHOWN OTHERWISE) TO BE
PROVIDED FOR STEEL BEAMS.
STEEL BEAMS TO BE LEVELLED WITH STEEL PLATES OR
STEEL SADDLES.

16 CEILING FINISH

1/2" GYPSUM WALLBOARD CEILING

17 ROOF VENTILATION:

FOR TYPICAL ROOF - 1: 300 OF INSULATED CEILING
AREA WITH 35 % AT EAVES & MIN. 25 % @ TOP OF ROOF SPACE
FOR CATHEDRAL ROOF - 1: 150 OF INSULATED CEILING
AREA WITH 35 % AT EAVES & MIN. 25 % @ TOP OF ROOF SPACE
SECTION 9.19.1.2 OF THE O.B.C.

18 EAVE PROTECTION:

TYPE "S" ROLLED ROOFING (SMOOTH SURFACE) EAVES
PROTECTION TO EXTEND MINIMUM OF 12" FROM INNER FACE
OF EXTERIOR WALL AND MINIMUM 3'-0" UP THE ROOF SLOPE.

18B DUCTS:

SUPPLY DUCTS AND RETURN DUCTS IN EXTERIOR WALLS SHALL
BE INSULATED WITH MIN. R-4 FIBERGLASS INSULATION TO
PREVENT MOISTURE CONDENSATION IN THE DUCT.
DUCT SPACES SHALL BE FURRED OUT WITH 1/2" DRYWALL ON
2"x2" WOOD STRAPPING.
SUPPLY DUCTS AND RETURN DUCTS IN UNHEATED SPACES SHALL
BE INSULATED WITH MIN. R7 INSULATION VALUE.
ALL JOINTS IN DUCTS TO BE SECURELY RIVETED AND TAPED.

19 STAIRS:

MAIN STAIR (MIN. REQUIREMENTS) DIMENSIONS SHOWN ON
SECTIONS TO RULE.
UNIFORM RISE & RUN IN A GIVEN RUN TO WITHIN 1/4"
MAX. RISE = 7 7/8"
MAX. RUN = 8 1/4"
MIN. TREAD = 9 1/4" MIN.
NOSING = 1" MIN.
HEADROOM = 6'-5"
RAIL AT LANDING = 2'-11"
RAIL AT STAIR = 2'-8"
MIN. WIDTH = 2'-10"
FOR CURVED STAIRS:
MIN. RUN = 8" MIN.
AVG. RUN = 8"

20 EXTERIOR/INTERIOR GUARD:

FINISHED NATURAL WOOD HANDRAIL ON WOOD OR METAL
PICKETS (UNLESS OTHERWISE SHOWN) MAX. 4" O.C. SPACING.
IF HANDRAIL IS USED AGAINST AN INTERIOR WALL THE

CLEARANCE BETWEEN HANDRAIL ANS SURFACE BEHIND IS TO
BE 2" MIN. HANDRAILS TO BE CONTINUOUS EXCEPT FOR NEWEL
POST AT CHANGES OD DIRECTION

GUARD MAX. HEIGHT = 36"
HANDRAIL MIN. HEIGHT = 32"
MEASURED VERTICALLY FROM OUTSIDE EDGE OF STAIR NOSING
GUARDS AT LANDINGS. ANY OTHER INTERIOR AREAS REQUIRING
GUARDS SHALL BE MINIMUM 36".
EXTERIOR GUARD SHALL BE MINIMUM 42"
UNLESS OTHERWISE SHOWN.

21 STUCCO WALL CONSTRUCTION

STUCCO CLADDING CONFORMING TO O.B.C 9.27.1.3 (2) & 9.28 REQUIREMENTS AND
APPLIED PER MANUFACTURES SPECIFICATIONS OVER 25mm (1") MIN. EXTRUDED OR EXPAND
RIGID POLYSTYRENE ON APPROVED AIR BARRIER ON ½" EXTERIOR TYPE SHEATHING ON
38X140 (2X6") STUDS @ 400 (16") O.C. R-24 NON- COMBUSTIBLE BATT INSUL APPROVED/ AIR
BARRIER WARM SIDE AS PER 9.25.3 O.B.C AND ½" GYPSUM BOARD (X) TAPED AND SANDED.
GIRTS AT 4'-0" FOR STUDS HEIGHT GREATER THAN 8'-0". DOUBLE TOP PLATE AND SINGLE
BOTTOM (SILL) PLATE.
(1 HOUR RATED)

22 OLD TO NEW CONC. CONNECTION

CONC. BLOCK WALL ATTACHMENT CORROSION RESISTANT MASONRY TIES @16" O.C
VERTICAL ATTACH TO EXISTING WALL BY RAMSETTING OR W/ CONC. NAILS TYPICAL

23 EXTERIOR SIDING FINISH

WOOD/ALUM. OR VINYL SIDING (SEE ELEVATIONS) ON 15# BLDG. PAPER. (LAYERS TO OVERLAP).
ON 1/2" EXT. TYPE PLYWOOD OR ASPENITE ON 2" X 6" STUDS AT 16" O/C FILLED WITH R20 N/C
INSULATION. VAPOUR BARRIER (WARM SIDE). 1/2" GYPSUM BOARD INT. FINISH. 5a. USE DOUBLE
LAYER ⅝" TYPE X GYPSUM BOARD INSTEAD.

24 BASEMENT SLAB CONSTRUCTION:

4" CONC. SLAB (REFER TO STRUCTURAL DWG) ON 4" CRUSHED
STONE. (ALL FILL OTHER THAN COURSE CLEAN MATERIAL PLACED
BENEATH CONC. SLAB SHALL BE COMPACTED TO PROVIDE
UNIFORM SUPPORT.) PROVIDE 6 MIL VAPOUR BARRIER @ U/S OF
SLAB. SLAB TO BE SEALED.

25 WINDOWS

ALL WINDOWS AND SKYLIGHTS TO COMPLY WITH SECTION
9.7 OF THE ONTARIO BUILDING CODE.

ALL WINDOWS TO BE DOUBLE GLAZED OR THERMOPANE.

WITH AT LEAST ONE OUTSIDE WINDOW THAT CAN BE OPENED
FROM THE INSIDE WITHOUT THE USE OF TOOLS.
EACH SUCH WINDOW SHALL PROVIDE AN INDIVIDUAL
EVERY FLOOR LEVEL CONTAINING BEDROOMS SHALL BE PROVIDED
UNOBSTRUCTED OPEN PORTION HAVING A MINIMUM AREA OF
3.8 SQ. FT. WITH NO DIMENSION LESS THAN 15".

EXCEPT FOR BASEMENT WINDOWS THE ABOVE NOTED WINDOW
SHALL HAVE A MAXIMUM SILL HEIGHT OF 3'-3"
ABOVE THE FLOOR.

GENERAL NOTES

1- ALL UNITS ARE IN FEET AND INCHES.

2- CONFIRM TO THE REQUIREMENTS OF THE ONTARIO BUILDING CODE INCLUDING ALL STANDARDS REFERENCED THEREIN AND ANY APPLICABLE ACTS OF HAVING JURISDICTION (THE LATEST VERSION OF STANDARDS AND CODES SHALL APPLY).

3- THE CONTRACTOR SHOULD VISIT THE SITE AND BECOME FAMILIARIZED WITH ALL CHARACTERISTICS AFFECTING NEW AND EXISTING CONSTRUCTION. CONTRACTOR SHALL CHECK ALL DIMENSION ON WORKING DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK ANY CHANGES, ALTERATIONS, OR REVISION MUST BE REPORTED TO ENGINEER BEFORE PROCEEDING WITH WORK.

4- THE DESIGN LOADS FOR THE BUILDING AND ITS COMPONENTS IS DETERMINED IN ACCORDANCE WITH 2012 OBC DIV. B PART 4 AND 2010 NBC.

5- ALL WORKS IS TO BE PERFORMED IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS- O. REG. 231/91 LOADING.

6- SOIL BEARING CAPACITY = 100 KPA (ASSUMED) (TO BE SITE VERIFIED).

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ENGINEER: **JUSTIN MAWOKO**	DESIGNED BY: **M.S**
PROJECT: **27 MISSISSAUGA RD S,MISSISSAUGA, ON** **UNDERPINNING, FINISHED BASEMENT & ALTERATION PROJECT**	
DRAWING NAME: **NOTES**	
DRAWING NO.: **SA-11**	DATE: **22 SEPT 2021** / SCALE: **NTS**