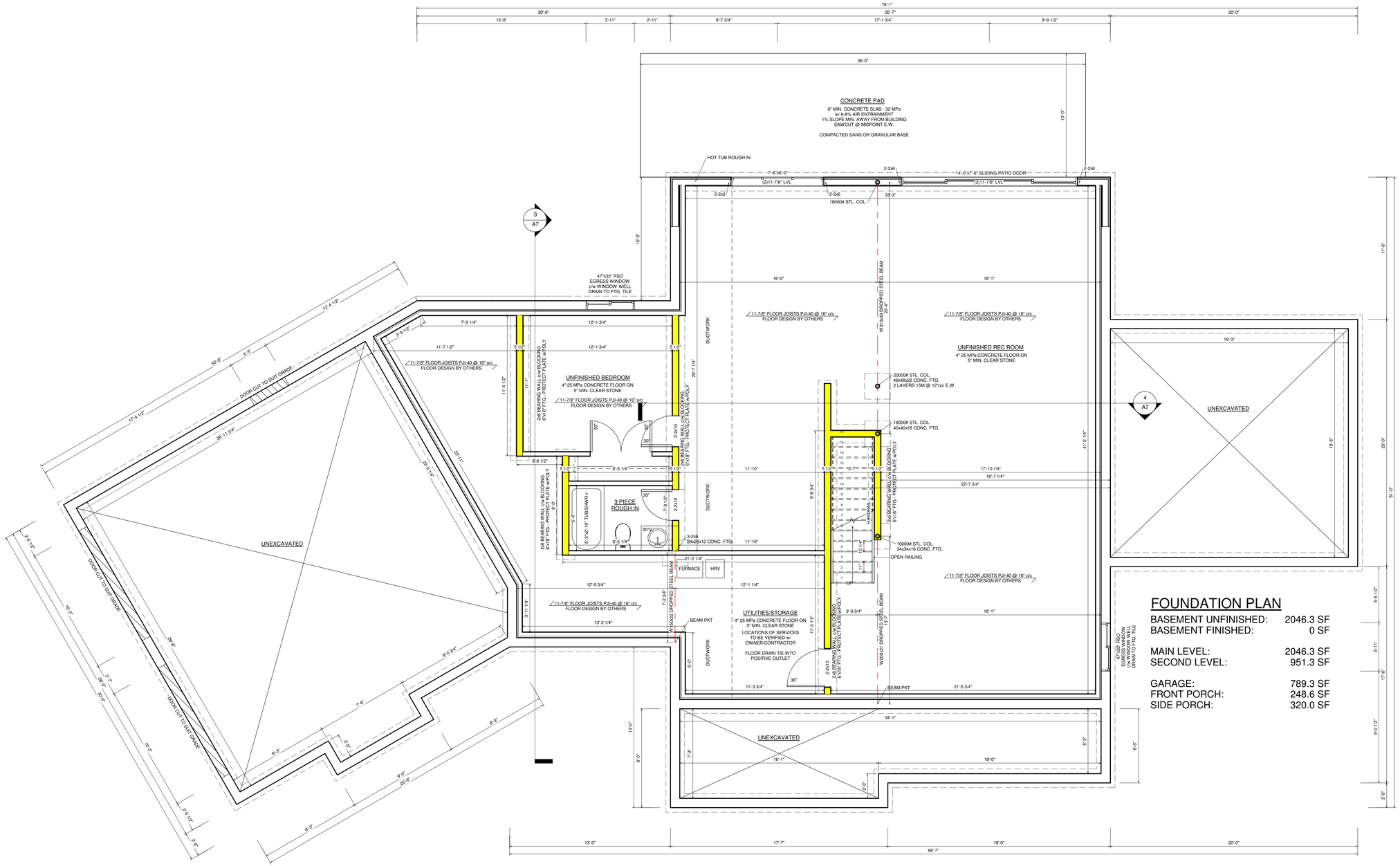
CONSTRUCTION NORTH



FOUNDATION PLAN

BASEMENT UNFINISHED:	2046.3 SF
BASEMENT FINISHED:	0 SF
MAIN LEVEL:	2046.3 SF
SECOND LEVEL:	951.3 SF
GARAGE:	789.3 SF
FRONT PORCH:	248.6 SF
SIDE PORCH:	320.0 SF

KB Design

BOTH THE CLIENT AND THE CONTRACTOR, INCLUDING ALL SUB-TRADES SHALL REVIEW ALL DRAWINGS AND VERIFY DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CLIENT AND THE CONTRACTOR TO REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION.

THESE DRAWINGS ARE TO BE READ AND NOT TO BE SCALED

DESIGN LOADS

GROUND SNOW LOAD
2.0kPa (N Apal), Sr 0.40kPa (8.35psf)

ROOF DEAD LOAD
0.53 kPa (11.07psf), INCLUDES TOP & BOTTOM CHORD TRUSS LOADING

WIND LOADS
1:50 - 0.44kPa (9.19psf), 1:10 FOR DLFLECTION - 0.34kPa (7.10psf)

MIN. SOIL BEARING CAPACITY - 75 kPa

S.P.F. #1&2 LINTELS UP TO 2.0KPA - ROOF/CEILING/1 STORY

ALL HEADERS TO BE 2- 2x10, UNLESS OTHERWISE NOTED

NON-STRUCT. SHEATHING	STRUCT. SHEATHING
(2) 2x4 - 2'-11"	(2) 2x4 - 3'-4"
(2) 2x6 - 4'-2"	(2) 2x6 - 4'-9"
(2) 2x8 - 5'-1"	(2) 2x8 - 5'-10"
(2) 2x10 - 6'-2"	(2) 2x10 - 7'-1 1/2"
(2) 2x12 - 7'-1/2"	(2) 2x12 - 8'-1"

STEEL LINTELS: UP TO 90mm BRICK

UP TO 2.47m (8'-1") - 89x89x6.4mm

UP TO 2.66m (8'-8") - 102x89x6.4mm

UP TO 3.31m (10'-10") - 127x89x7.9mm

STEEL LINTELS: UP TO 100mm STONE

UP TO 2.47m (8'-1") - 102x89x6.4mm

UP TO 3.77m (12'-4") - 152x89x13mm

S.P.F. #1&2 ROOF RAFTERS UP TO 2.0KPA - MAXIMUM SPANS

	12" o/c	16" o/c	24" o/c
2x4	8'-1"	7'-4"	6'-5"
2x6	12'-9"	11'-7"	10'-1"
2x8	16'-9"	15'-2.5"	12'-9"
2x10	21'-4.5"	19'-1"	15'-7"
2x12	25'-7"	22'-2"	18'-1"

ALL POINT LOADS FROM GIRDER TRUSSES TO BE TRANSFERED THROUGH MAIN FLOOR TO FOUNDATION, BEARING WALLS OF BEAMS AND FOOTINGS BELOW. BEARING STUDS AS PER TBLE A-34,35 (9.23.10.7(2))

INTER-CONNECTED
SMOKE & C.O. DETECTOR
INSTALL AS PER
MANUFACTURERS SPECIFICATIONS
W: STROBE

ALL SMOKE & C.O. DETECTORS MUST BE PROVIDED WITH A BATTERY BACK-UP THAT IS APABLE OF SUPPLYING POWER FOR AT LEAST 7 DAYS AND IS FOLLOWED BY A 4 MINUTE ALARM

ENERGY EFFIENCY DESIGN AS PER OBC 2012 SB-12:

ALL INSULATION VALUES AS PER OBC SB-12 TABLE 3.1.1.2.A (IP) (SENCTENCE 2.1.1.2(1))
ZONE 1 - COMPLIANCE PACKAGE FOR SPACE HEATING EQUIPMENT WITH AFUE ≥ 92%

COMPLIANCE PACKAGE 'A5' (UNLESS OTHERWISE NOTED)

CEILING WITH ATTIC SPACE - R50 MIN.
CEILING WITHOUT ATTIC SPACE - R31 MIN.
EXPOSED FLOOR - R35 MIN.
WALLS ABOVE GRADE - R20 + 5 CI MIN.
BASEMENT WALLS - R12 + 5 CI MIN. (old R15 CI)
EDGE BELOW GRADE SLAB - ≤ 24" BELOW GRADE - R10 MIN.
HEATED SLAB OR SLAB ≤ 24" BELOW GRADE - R10 MIN.

WINDOWS AND SLIDING GLASS DOORS MAX. U-0.28, ER 25
SKYLIGHTS MAX. U-0.49
SPACE HEATING EQUIPMENT MIN AFUE - 94%
HRV MIN. EFFICIENCY 70%
D.H.W. HEATER MIN. EF - 0.80

GROSS WALL AREA - 2405 SQ.FT.
GROSS WINDOWS, GLASS AREA ETC. - 656 SQ.FT.
RATIO - 27%

PROVIDE SOLID BLOCKING IN WALLS BESIDE & BEHIND TOILET, TUB & SHOWER FOR FUTURE GRAB BARS

ELECTRICAL OUTLET FOR ELECTRIC VEHICLE
AS PER 2012 OBC 9.34.4 - PROVIDE 200 AMP PANEL INSTALL 4.75 SF ELECTRICAL BOX INSTALLED IN GARAGE, CARPORT, OR ADJACENT DRIVEWAY
PROVIDE 1" CONDUIT TO BOX WITH MEANS TO PULL CABLE THROUGH IT TO PROVIDE FUTURE HOOKUP

T. HAMM DESIGN AND DRAFTING SERVICE
BCIN# 45374

TRAVIS HAMM
BCIN# 23275

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N0E1P0
Tel: 519-586-3440
Email: th.drafting@hotmail.com

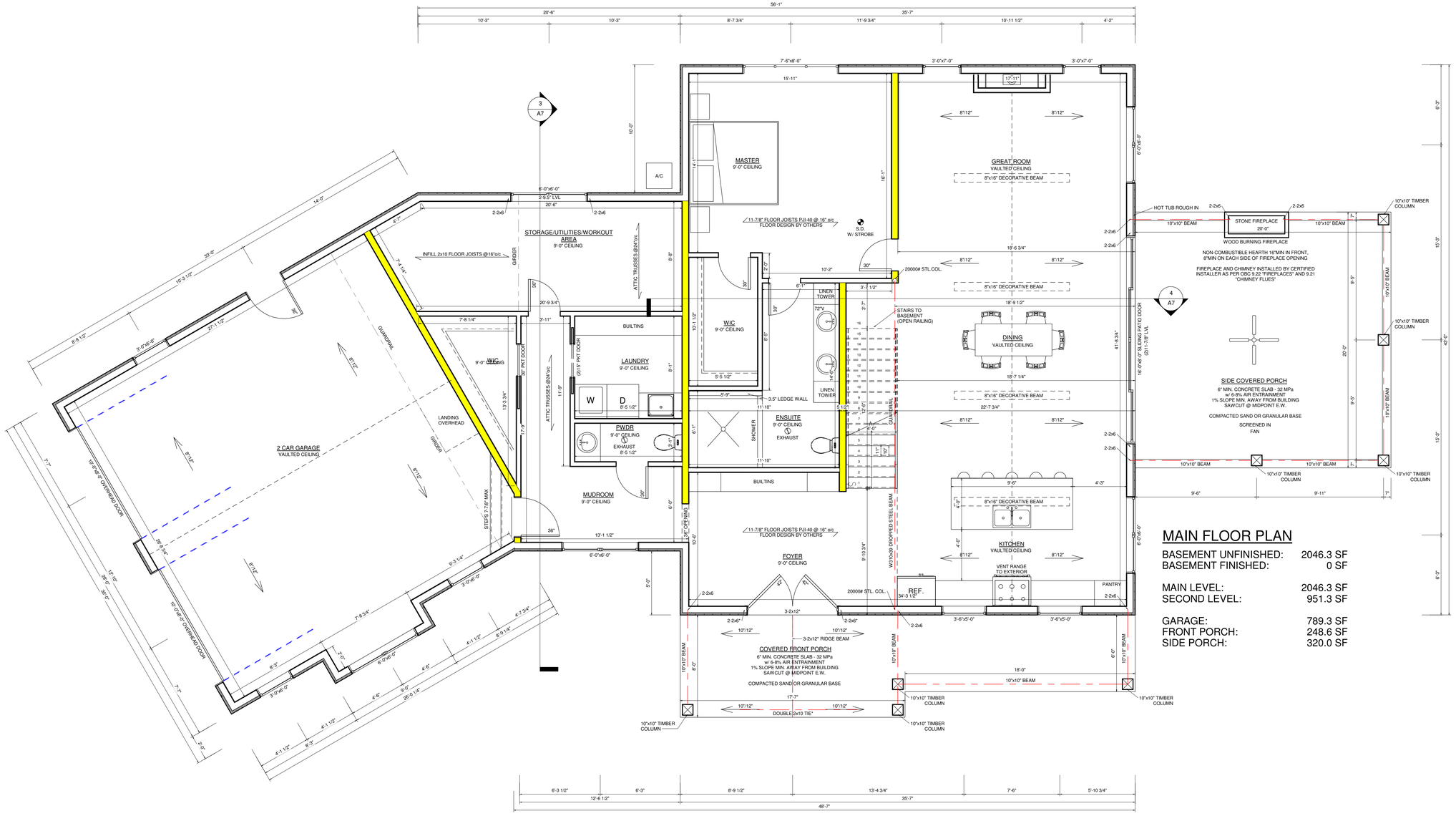
FOUNDATION PLAN

KEMP

265928 Maple Dell Rd.,
Norwich, ON

DESIGNED BY:	PIETER KUIVENHOVEN
CHECKED BY:	TRAVIS HAMM
DATE:	2022-07-21 9:28:05 AM
1/4" = 1'-0"	A1

CONSTRUCTION NORTH



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INSTALL AS PER
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Residential and Small Building Design
21 HWY 24 E.
St. Williams, ON.
N0E1P0
Tel: 519-586-3440
Email: th.drafting@hotmail.com

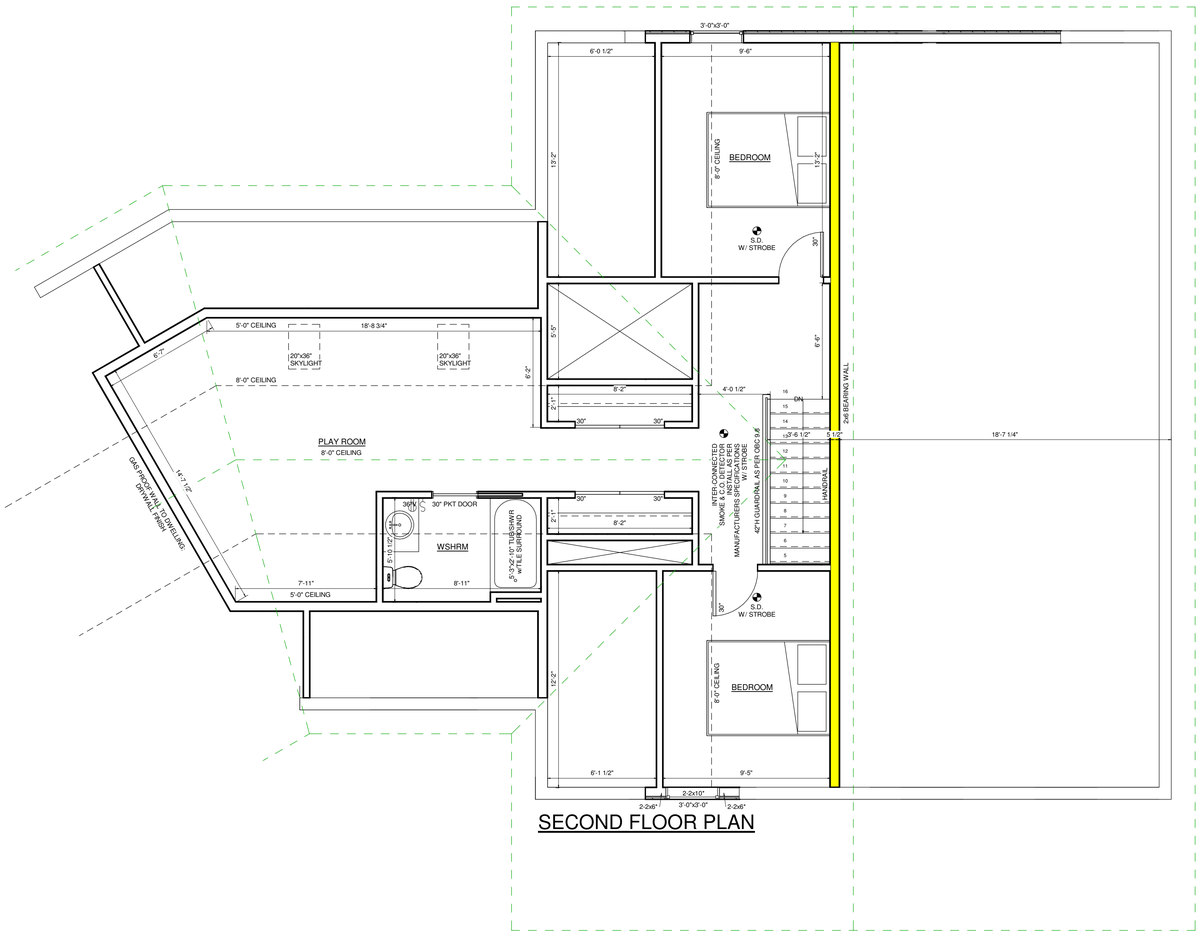
MAIN FLOOR PLAN

KEMP

265928 Maple Dell Rd., Norwich, ON

DESIGNED BY:	PIETER KUIVENHOVEN
CHECKED BY:	TRAVIS HAMM
DATE:	2022-07-21 9:28:06 AM
1/4" = 1'-0"	A2

CONSTRUCTION
NORTH



SECOND FLOOR PLAN

DESIGN LOADS

GROUND SNOW LOAD
2.0kPa (N Apal), Sr 0.40kPa (8.35psf)

ROOF DEAD LOAD
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UP TO 2.0KPA - ROOF/CEILING/1 STORY

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INTER-CONNECTED
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INSTALL AS PER
MANUFACTURERS SPECIFICATIONS
W/ STROBE

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SECOND FLOOR PLAN

KEMP

265928 Maple Dell Rd.,
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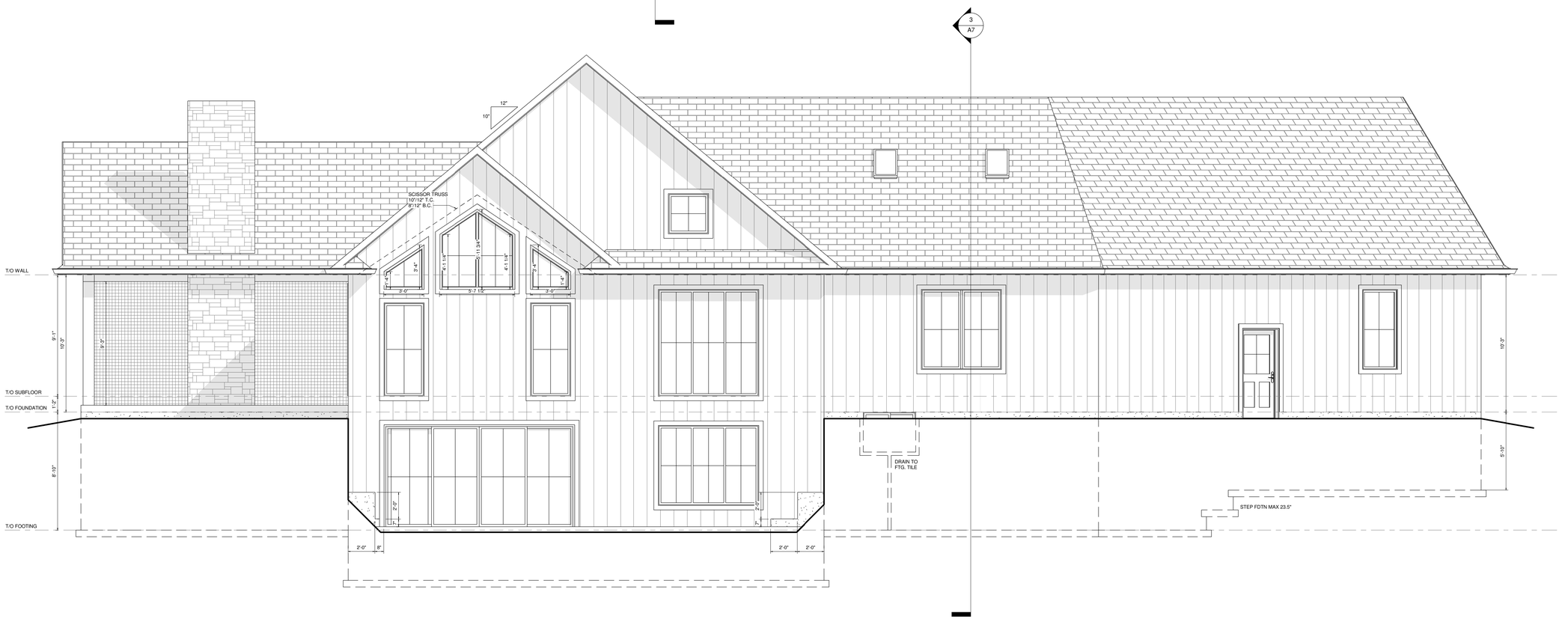
DESIGNED BY:	PIETER KUIVENHOVEN
CHECKED BY:	TRAVIS HAMM
DATE:	2022-07-21 9:28:06 AM
1/4" = 1'-0"	A3



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ELEVATIONS

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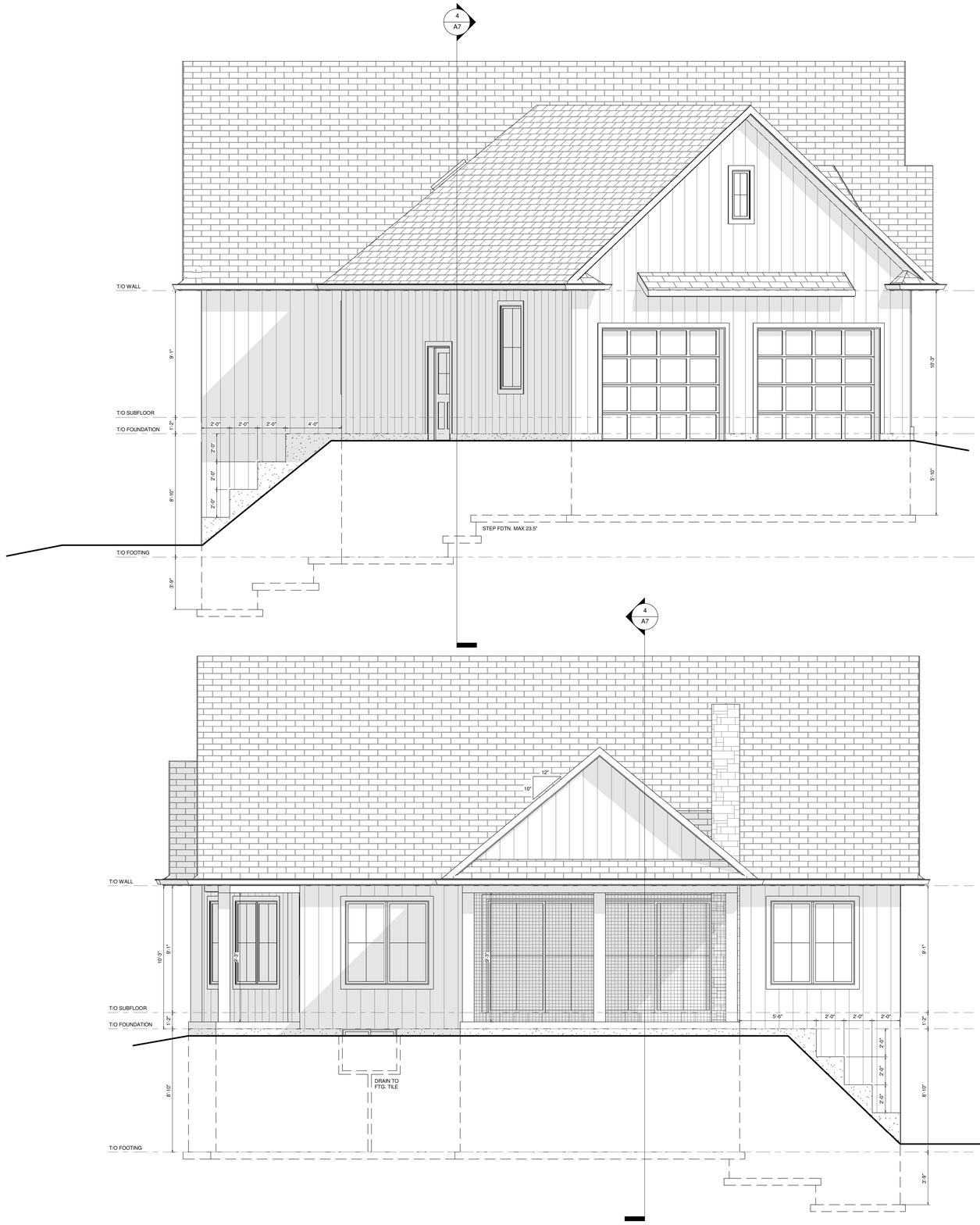

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W/ STROBE

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ENERGY EFFIENCY DESIGN AS PER OBC 2012 SB-12:

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ZONE 1 - COMPLIANCE PACKAGE FOR SPACE HEATING EQUIPMENT WITH AFUE ≥ 92%

COMPLIANCE PACKAGE 'A5' (UNLESS OTHERWISE NOTED)

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WALLS ABOVE GRADE - R19 MIN., R5 CI
BASEMENT WALLS - R12 + 5 CI MIN. (opt R15 CI)
EDGE BELOW GRADE SLAB - ≤ 24" BELOW GRADE - R10 MIN.
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WINDOWS AND SLIDING GLASS DOORS MAX. U-0.28, ER 25
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I review and take resposibility for the design work on behalf of a firm registered under subsection 3.2.4 of Division C, of the Building Code. I am qualified and the firm is registered in the appropriate classes/categories.

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Residential and Small Building Design

21 HWY 24 E.
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N0E1P0

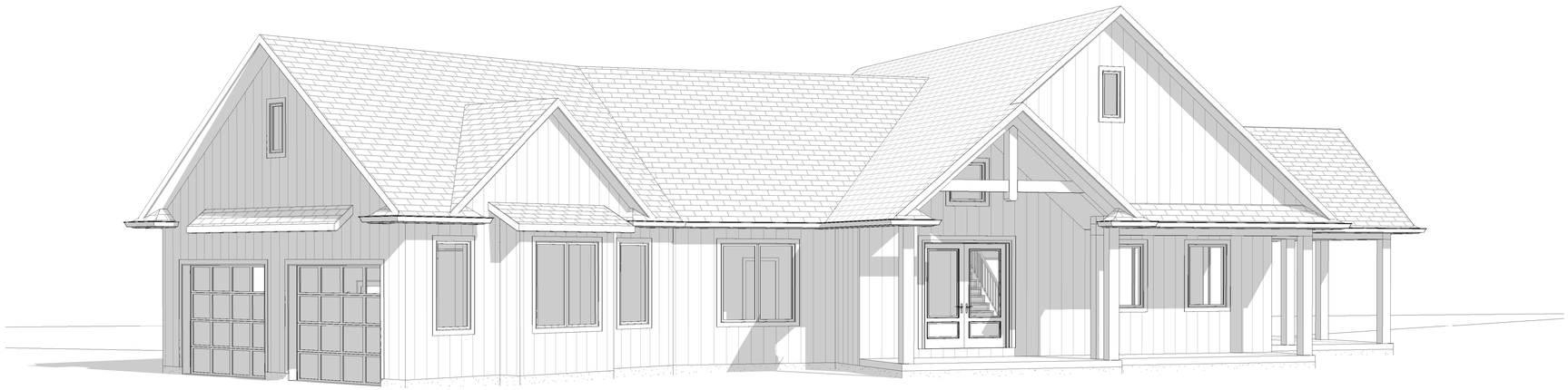
Tel: 519-586-3440
Email: th.drafting@hotmail.com

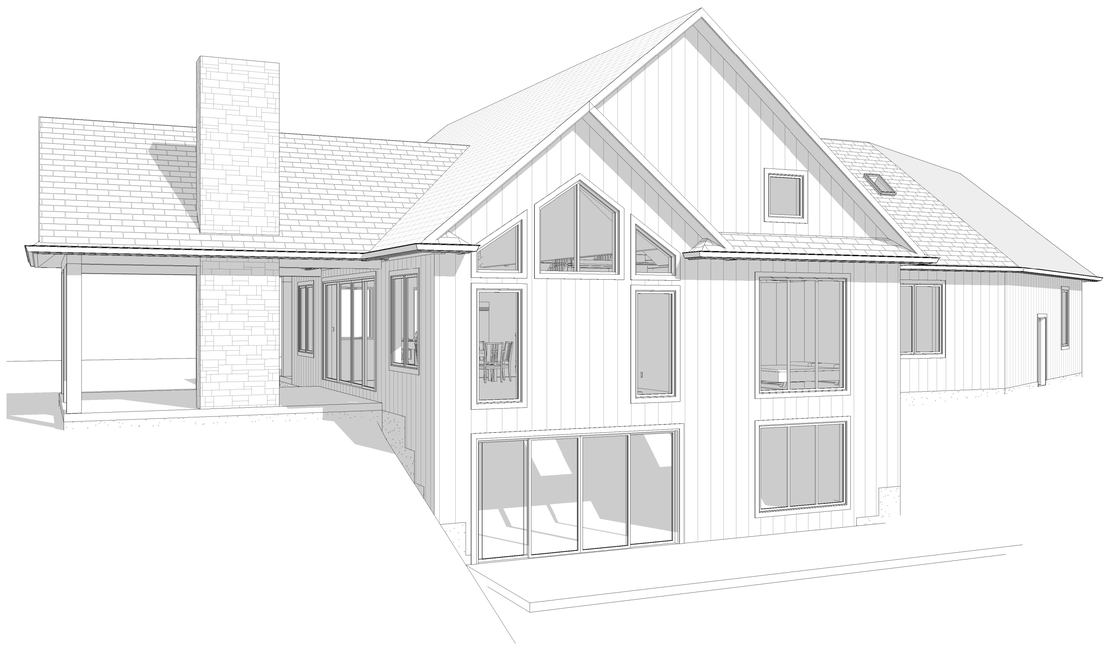
ELEVATIONS

KEMP

265928 Maple Dell Rd.,
Norwich, ON

DESIGNED BY:	PIETER KUIVENHOVEN
CHECKED BY:	TRAVIS HAMM
DATE:	2022-07-21 9:28:13 AM
1/4" = 1'-0"	A5





CONSTRUCTION
NORTH

KBDesign

3D VIEWS

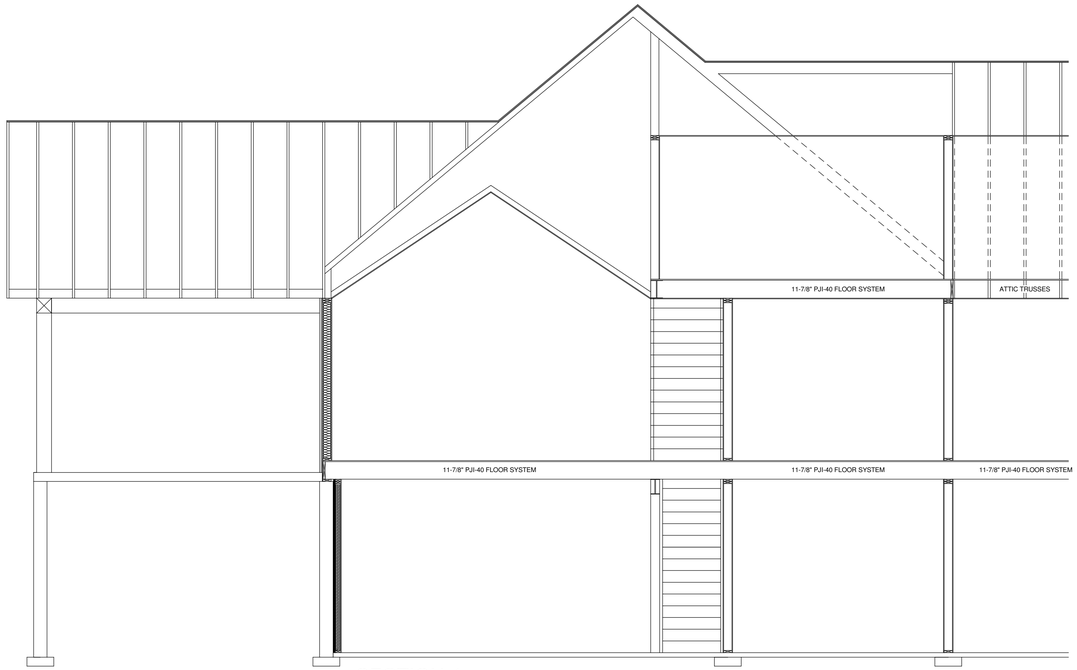
KEMP

265928 Maple Dell Rd.,
Norwich, ON

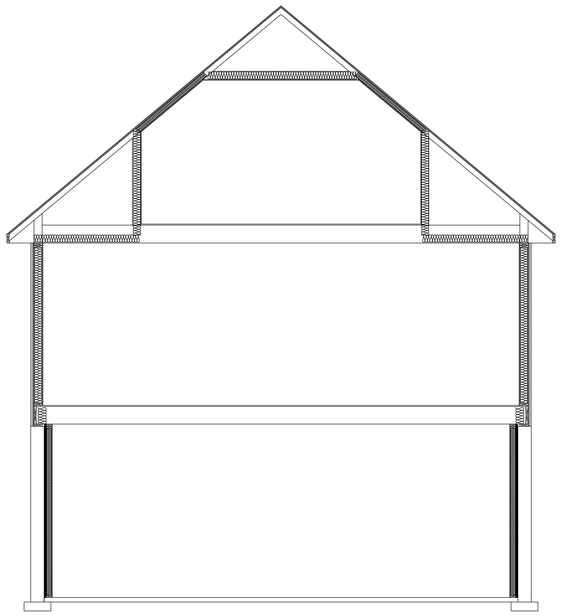
DESIGNED BY:	PIETER KUIVENHOVEN
CHECKED BY:	TRAVIS HAMM
DATE:	2022-07-21 9:28:19 AM

A6

CONSTRUCTION
NORTH



SECTION 4
NOTE
FOR REFERENCE ONLY



SECTION 3
NOTE
FOR REFERENCE ONLY

KBDesign

BUILDING SECTIONS

KEMP

265928 Maple Dell Rd.,
Norwich, ON

DESIGNED BY:	PIETER KUIVENHOVEN
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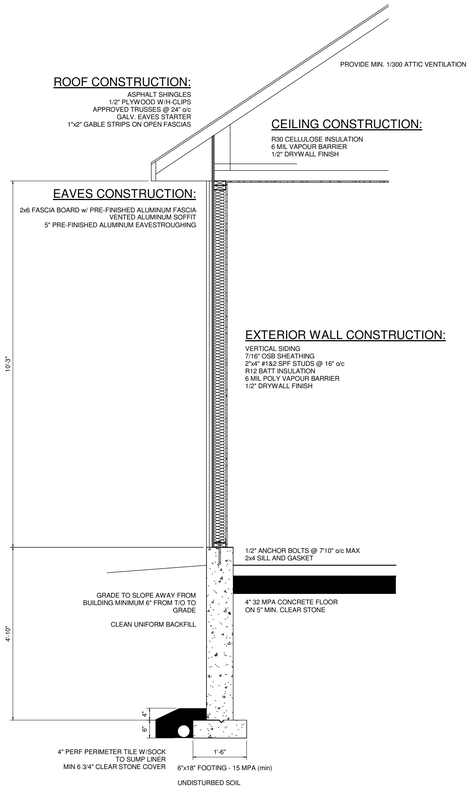
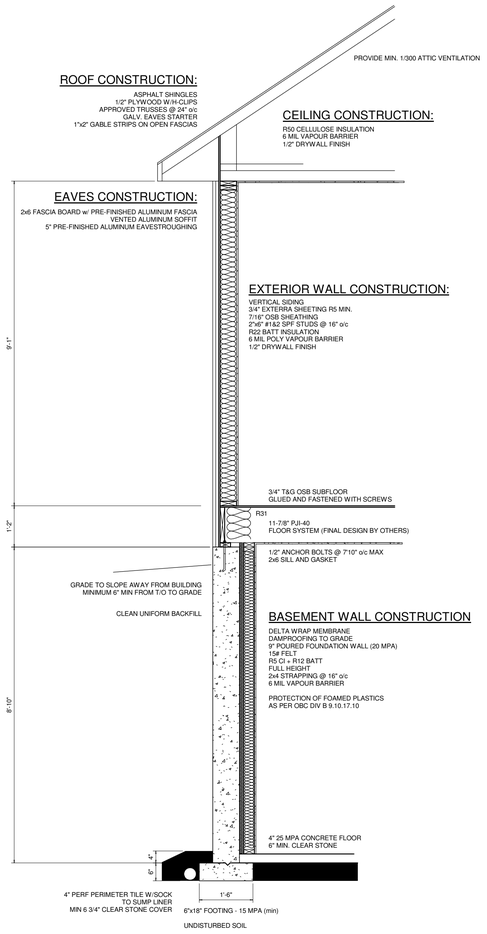
DATE:	2022-07-21 9:28:19 AM
1/4" = 1'-0"	A7

CONSTRUCTION NORTH



TYPICAL SIDING GARAGE WALL SECTION

SCALE: 1/2" = 1'-0"



TYPICAL SIDING WALL SECTION

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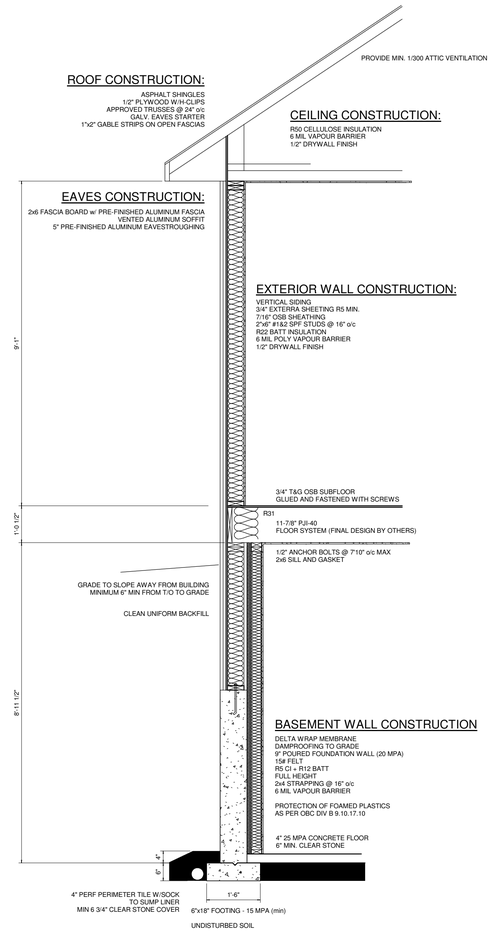

TYPICAL WALKOUT WALL SECTION

SCALE: 1/2" = 1'-0"

GENERAL NOTES:

ALL CONSTRUCTION TO CONFORM TO ONTARIO BUILDING CODE (O.B.C.) 2012 PART 9.
CONTRACTOR TO REFER TO APPLICABLE CODES LISTED FOR MINIMUM CONSTRUCTION REQUIREMENTS, PROJECT SIRE CONDITIONS, AND APPLICABLE PROJECT DESIGN.

THESE PLANS ARE TO BE READ IN CONJUNCTION WITH APPROVED FLOOR SYSTEM AND TRUSS SYSTEM DESIGNS. ANY DISCREPANCIES ARE TO BE RESOLVED PRIOR TO CONSTRUCTION.

CONSTRUCTION NOTES:

ALL EXCAVATION & BACKFILL WORKS TO COMPLY WITH O.B.C. 2012 SECTION 9.12.
MINIMUM FROST COVER TO BE 4'-0" TO UNDERSIDE OF FOOTING.
BOTTOM OF EXCAVATION SHALL EXTEND TO UNDISTURBED SOIL.
ALL ENGINEERED FILL TO BE DESIGNED AND APPROVED BY A CERTIFIED SOIL CONSULTANT

DAMPPROOFING, WATERPROOFING, AND SOILD GAS CONTROL TO COMPLY WITH O.B.C. 2012 SECTION 9.13.

ALL DRAINAGE WORK, APPLICATION AND DISPOSAL OF TO COMPLY WITH O.B.C. 2012 SECTION 9.14.
FOOTINGS AND FOUNDATIONS TO COMPLY WITH O.B.C. 2012 SECTION 9.15.
ALLOWABLE BEARING PRESSURE TO BE GREATER THAN 75 KPA (1570psf).
VERTICAL RISE FOR STEPPED FOOTINGS TO BE 23.5" MAXIMUM.

HORIZONTAL DISTANCES BETWEEN RISERS SHALL NOT BE LESS THAN 23.5".
SLABS ON GROUND TO COMPLY WITH O.B.C. 2012 SECTION 9.16.
COLUMNS TO COMPLY WITH O.B.C. 2012 9.17.
ALL COLUMNS TO BE CENTRED ON FOOTINGS AND FASTENED TO SUPPORTED MEMBER TO PREVENT LATERAL MOVEMENT.
STEEL COLUMNS TO BE MINIMUM 3" OUTSIDE DIAMETER WITH 3/16" WALLS.
END BEARING PLATES TO BE MINIMUM 4"x4"x1/4" TOP AND BOTTOM.
TOP PLATES SUPPORTING WOOD BEAMS ARE TO BE FULL WIDTH OF BEAM.
WOOD COLUMNS IN CONTACT WITH CONCRETE ARE TO BE SEPARATED BY 6mm POLYETHLENE.
ALL CRAWL SPACES TO COMPLY WITH O.B.C. 2012 9.18.

GENERAL CONSTRUCTION TO CONFORM TO O.B.C. 2012 PART 12 - RESOURCE CONSERVATION.

ALL DOORS AND WINDOWS TO MEET THE STANDARD OF ENERGY EFFICIENCY FOR ALL BUILDINGS AND CONSTRUCTION WITHIN THE SCOPE OF O.B.C. PART 9 - SECTION 12.3.
ABOVE GRADE MASONRY TO COMPLY WITH O.B.C. 2012 9.20.
ALL STEEL LINTELS TO HAVE 8" MINIMUM BEARING AT END SUPPORTS AND SHALL BE PRIMED.
ALL BRICK TO BEAR ON CONCRETE OR STEEL.
BRICK TIES TO BE CORROSION RESISTANT, MINIMUM .030 THICK, 7/8" WIDE, AND SHAPED TO PRODIVE A KEY WITH THE MORTAR.
BRICK TIES TO HAVE VERTICAL SPACINGS OF 24" ON CENTER, HORIZONTAL SPACINGS OF 16" ON CENTER, AND BE FASTENED THROUGH SHEATHING INTO WOOD STUDS.
WEEP HOLES TO BE AT 31" ON CENTER MAXIMUM.

WALLS:

WOOD FRAME CONSTRUCTION TO COMPLY WITH O.B.C. 2012 9.23.
WOOD FRAMING SPANS AND SIZES TO CONFORM TO TABLES A-1 - A-16, INCLUDING ALL APPLICABLE FOOTNOTES.
1 1\2" MINIMUM REQUIRED END BEARING OF JOISTS AND RAFTERS.

HEAT TRANSFER, AIR LEAKAGE, AND CONDENSATION CONTROL TO COMPLY WITH O.B.C. 2012 9.25.

ALL SIDING TO COMPLY WITH O.B.C. 2012 9.27.

EXTERIOR WALLS TO HAVE A MINIMUM OF R22 INSULATION.
ALL VAPOUR BARRIERS TO BE 6mm POLYETHLENE (OGSB-51.34) AIR AND VAPOUR BARRIER - SEALED AS PER O.B.C. 2012 9.25.
DOORS AND WINDOWS TO COMPLY WITH FORCED ENTRY REQUIREMENTS AS PER O.B.C. 2012 9.6.8.
FLOOR LEVELS CONTAINING BEDROOMS ARE TO HAVE ONE OPENING WINDOW WITH AN UNOBSTRUCTED AREA OF 3.80 sq.ft. MINIMUM - WITH NO DIMENSION LESS THAT 15".
ALL ATTACHED GARAGES ARE TO HAVE GAS-PROOF WALLS WITH A MINIMUM OF R22 INSULATION.

FLOORS:

ALL FLOORS EXPOSED TO UNHEATED SPACES TO HAVE MINIMUM R31 INSULATION.
PROVIDE DAMPPROOFING UNDER BASEMENT CONCRETE SLABS IF CONCRETE IS LESS THAN 25 MPa.
PROVIDE A MOISTURE BARRIER BETWEEN ALL WOOD IN CONTACT WITH CONCRETE.
PROVIDE A FOAM GASKET OR CAULKING UNDER ALL SILLS AND FLOOR WALL PLATES.
PROVIDE 1/2" DIAMETER ANCHOR BOLTS AT 7'10" MINIMUM - CAST 4" MINIMUM INTO TOP OF FOUNDATION WALL.

ROOF:

ROOF CONSTRUCTION AND FLASHING TO COMPLY WITH O.B.C. 2012 9.26.
ROOF SPACES TO COMPLY WITH O.B.C. 2012 9.19.
UNOBSTRUCTED VENT AREA TO BE NOT LESS THAT 1/300 OF THE INSULATED CEILING AREA.
MINIMUM ATTIC ACCESS TO BE 20"x28" - FITTED WITH A COVER COMPLETE WITH WEATHERSTRIPPING AND RIGID INSULATION.

PLUMBING:

ALL PLUMBING FACILITIES AS PER O.B.C. 9.31.

VENTILATION:

ALL VENTILATION FACILITIES AS PER O.B.C. 9.32.

HEATING & AIR CODITIONING:

ALL HEATING AND AIR CONDITIONING FACILITIES AS PER O.B.C. 9.32.

ELECTRICAL FACILITIES:

ALL ELECTRICAL FACILITIES AS PER O.B.C. 9.34 AND CURRECT ESSA CODES

STAIRS:

TYPICAL UNLESS NOTED OTHERWISE:
- RISE 7 7/8" MAXIMUM
- RUN 10 1/8" (255mm) MINIMUM
- TREAD 11" MINIMUM TO 14" MAXIMUM
- NOSING - 1" MINIMUM
- HEADROOM - 6'-5" MINIMUM
- HANDRAILS - 32" MINIMUM TO 38" MAXIMUM
- GUARDS - 35" MINIMUM TO 42" MAXIMUM
- PICKETS - 4" MAXIMUM SPACE BETWEEN
- OPEN HAND RAILS AND ALL ATTACHMENT OF GUARDS AND RAILS AS PER SUPPLEMENTARY GUIDE LINES TO O.B.C. 2012 SECTION SB-7.

ALL STAIRS AND LANDINGS TO CONFORM TO O.B.C. 2012 SECTION 9.8.

KBDesign

DESIGN LOADS

GROUND SNOW LOAD
2.0kPa (N/Apel), Sr 0.40kPa (8.35psf)

ROOF DEAD LOAD
0.53 kPa (11.07psf), INCLUDES TOP & BOTTOM CHORD TRUSS LOADING

WIND LOADS
1:50 - 0.44kPa (9.19psf), 1:10 FOR DLFLECTION - 0.34kPa (7.10psf)

MIN. SOIL BEARING CAPACITY - 75 kPa

S.P.F. #1&2 LINTELS UP TO 2.0KPA - ROOF/CEILING/1 STORY

ALL HEADERS TO BE 2 - 2x10, UNLESS OTHERWISE NOTED

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(2) 2x4 - 2'-11"	(2) 2x4 - 3'-4"
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STEEL LINTELS: UP TO 90mm BRICK

UP TO 2.47m (8'-1") - 89x89x6.4mm

UP TO 2.66m (8'-8") - 102x89x6.4mm

UP TO 3.31m (10'-10") - 127x89x7.9mm

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	12" o/c	16" o/c	24" o/c
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2x6	12'-9"	11'-7"	10'-1"
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2x10	21'-4.5"	19'-1"	15'-7"
2x12	25'-7"	22'-2"	18'-1"

ALL POINT LOADS FROM GIRDER TRUSSES TO BE TRANSFERED THROUGH MAIN FLOOR TO FOUNDATION, BEARING WALLS OF BEAMS AND FOOTINGS BELOW. BEARING STUDS AS PER TBLE A-34,35 (9.23.10.7(2))

INTER-CONNECTED
SMOKE & C.O. DETECTOR
INSTALL AS PER
MANUFACTURERS SPECIFICATIONS
W/ STROBE

ALL SMOKE & C.O. DETECTORS MUST BE PROVIDED WITH A BATTERY BACK-UP THAT IS APABLE OF SUPPLYING POWER FOR AT LEAST 7 DAYS AND IS FOLLOWED BY A 4 MINUTE ALARM

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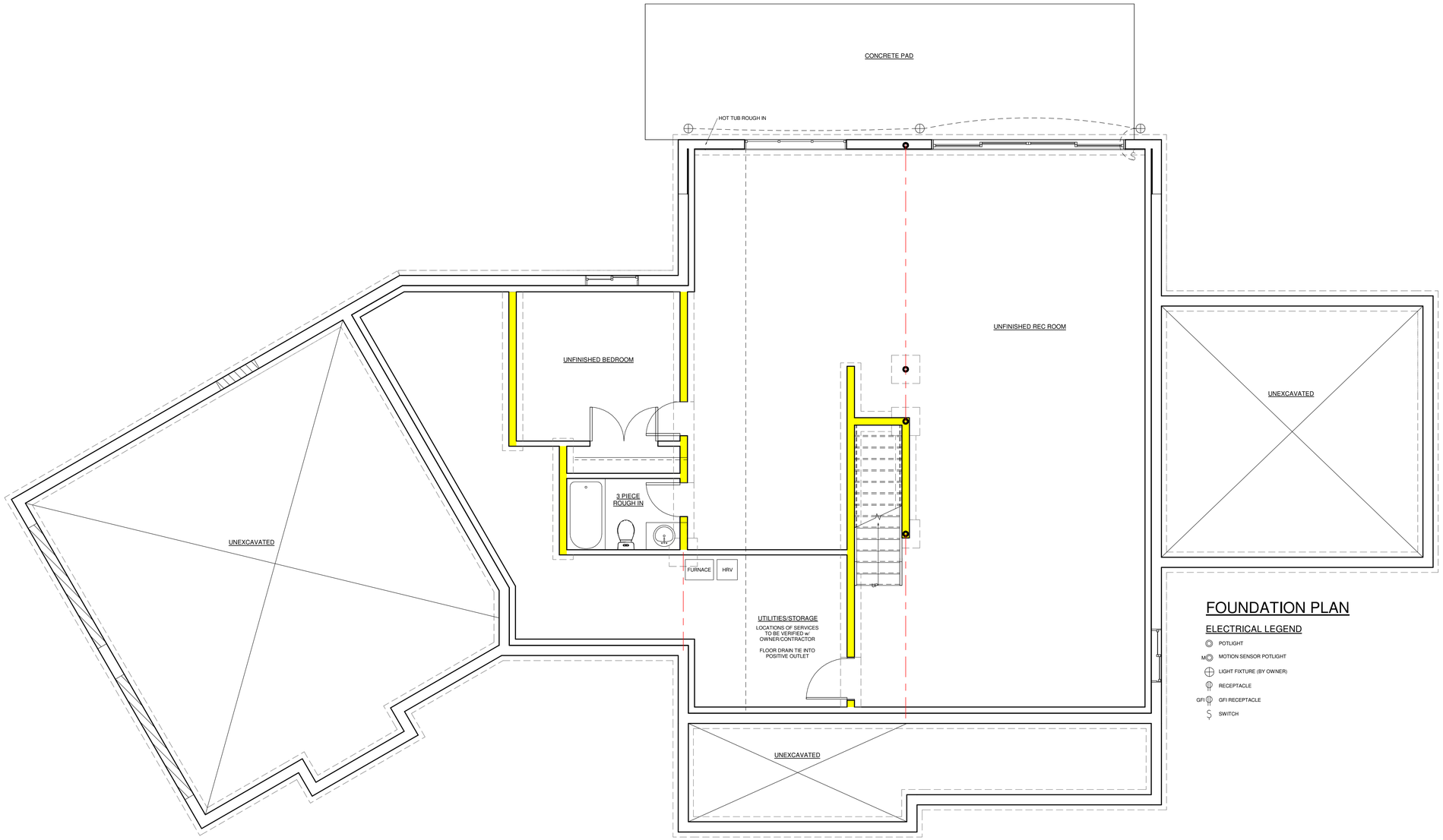

FOUNDATION PLAN

ELECTRICAL LEGEND

- POTLIGHT
- MO MOTION SENSOR POTLIGHT
- LIGHT FIXTURE (BY OWNER)
- RECEPTACLE
- GFI GFI RECEPTACLE
- SWITCH

KBDesign

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FOUNDATION ELECTRICAL	
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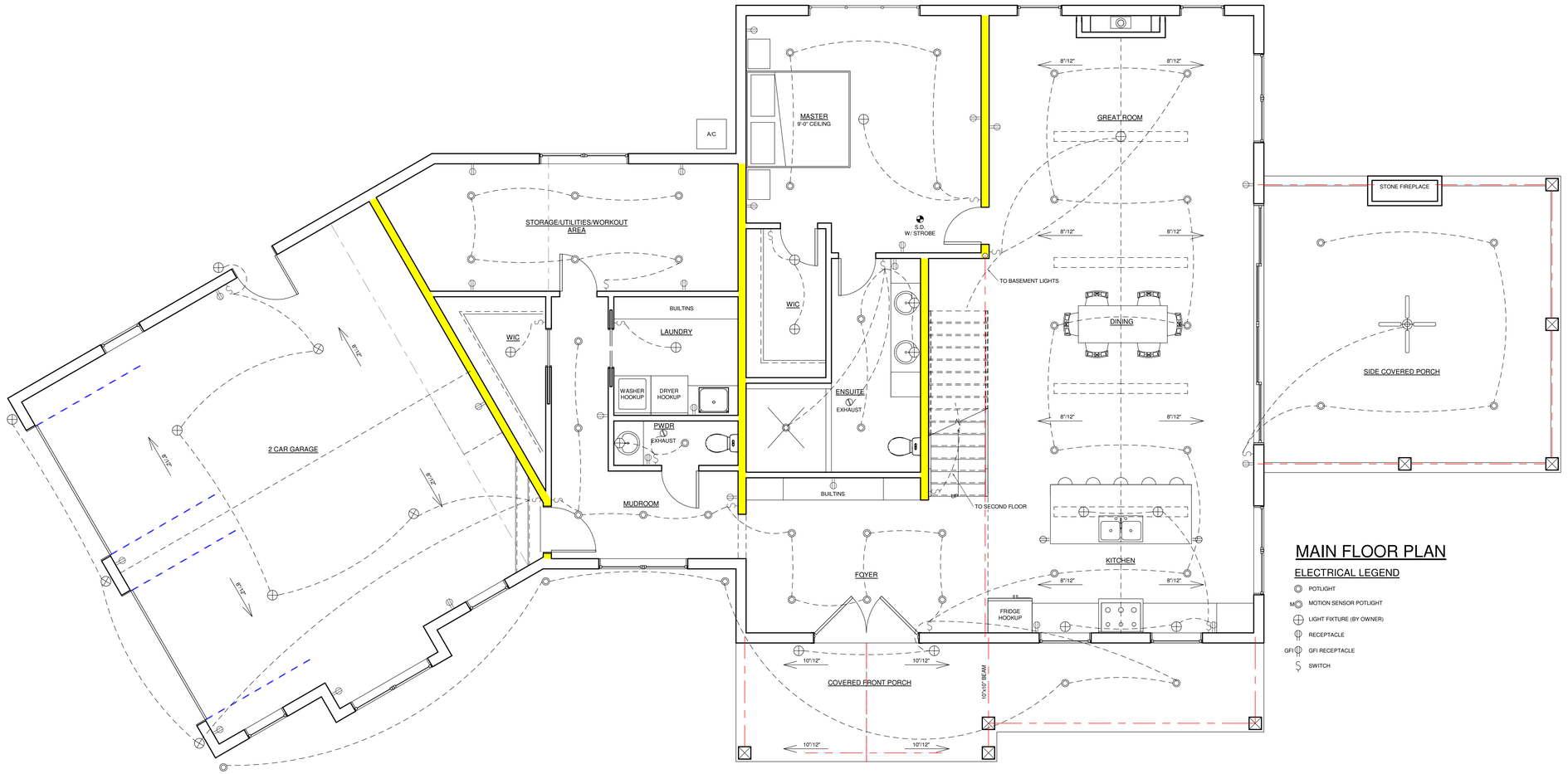

MAIN FLOOR PLAN

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- MS MOTION SENSOR POTLIGHT
- LIGHT FIXTURE (BY OWNER)
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- GFI GFI RECEPTACLE
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KB Design

BOTH THE CLIENT AND THE CONTRACTOR, INCLUDING ALL SUB-TRADES SHALL REVIEW ALL DRAWINGS AND VERIFY DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CLIENT AND THE CONTRACTOR TO REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION.

THESE DRAWINGS ARE TO BE READ AND NOT TO BE SCALED

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S.P.F. #1&2 ROOF RAFTERS UP TO 2.0KPA - MAXIMUM SPANS

	12" o/c	16" o/c	24" o/c
2x4	8'-1"	7'-4"	6'-5"
2x6	12'-9"	11'-7"	10'-1"
2x8	16'-9"	15'-2.5"	12'-9"
2x10	21'-4.5"	19'-1"	15'-7"
2x12	25'-7"	22'-2"	18'-1"

ALL POINT LOADS FROM GIRDER TRUSSES TO BE TRANSFERED THROUGH MAIN FLOOR TO FOUNDATION, BEARING WALLS OF BEAMS AND FOOTINGS BELOW. BEARING STUDS AS PER TBLE A-34,35 (9.23.10.7(2))

INTER-CONNECTED
SMOKE & C.O. DETECTOR
INSTALL AS PER
MANUFACTURERS SPECIFICATIONS
W/ STROBE

ALL SMOKE & C.O. DETECTORS MUST BE PROVIDED WITH A BATTERY BACK-UP THAT IS APABLE OF SUPPLYING POWER FOR AT LEAST 7 DAYS AND IS FOLLOWED BY A 4 MINUTE ALARM

ENERGY EFFIENCY DESIGN AS PER OBC 2012 SB-12:

ALL INSULATION VALUES AS PER OBC SB-12 TABLE 3.1.1.2.A (IP)
(SENCTENCE 2.1.1.2(1))
ZONE 1 - COMPLIANCE PACKAGE FOR SPACE HEATING EQUIPMENT WITH AFUE ≥ 92%

COMPLIANCE PACKAGE 'A5' (UNLESS OTHERWISE NOTED)

CEILING WITH ATTIC SPACE - R50 MIN.
CEILING WITHOUT ATTIC SPACE - R31 MIN.
EXPOSED FLOOR - R35 MIN.
WALLS ABOVE GRADE - R19 MIN., R5 CI
BASEMENT WALLS - R12 + 5 CI MIN. (opt R15 CI)
EDGE BELOW GRADE SLAB - ≤ 24" BELOW GRADE - R10 MIN.
HEATED SLAB OR SLAB ≤ 24" BELOW GRADE - R10 MIN.

WINDOWS AND SLIDING GLASS DOORS MAX. U-0.28, ER 25
SKYLIGHTS MAX. U-0.49
SPACE HEATING EQUIPMENT MIN AFUE - 94%
HRV MIN. EFFICIENCY 70%
D.H.W. HEATER MIN. EF - 0.80

GROSS WALL AREA - 2405 SQ.FT.
GROSS WINDOWS, GLASS AREA ETC. - 656 SQ.FT.
RATIO - 27%

PROVIDE SOLID BLOCKING IN WALLS BESIDE & BEHIND TOILET, TUB & SHOWER FOR FUTURE GRAB BARS

ELECTRICAL OUTLET FOR ELECTRIC VEHICLE
AS PER 2012 OBC 9.34.4 - PROVIDE 200 AMP PANEL INSTALL 4.75 SF ELECTRICAL BOX INSTALLED IN GARAGE, CARPORT, OR ADJACENT DRIVEWAY
PROVIDE 1" CONDUIT TO BOX WITH MEANS TO PULL CABLE THROUGH IT TO PROVIDE FUTURE HOOKUP

T. HAMM DESIGN AND DRAFTING SERVICE
BCIN# 45374

TRAVIS HAMM
BCIN# 23275

I review and take resposibility for the design work on behalf of a firm registered under subsection 3.2.4 of Division C, of the Building Code. I am qualified and the firm is registered in the appropriate classes/categories.

T.Hamm Design & Drafting Service
Residential and Small Building Design
21 HWY 24 E.
St. Williams, ON.
N0E1P0
Tel: 519-586-3440
Email: th.drafting@hotmail.com

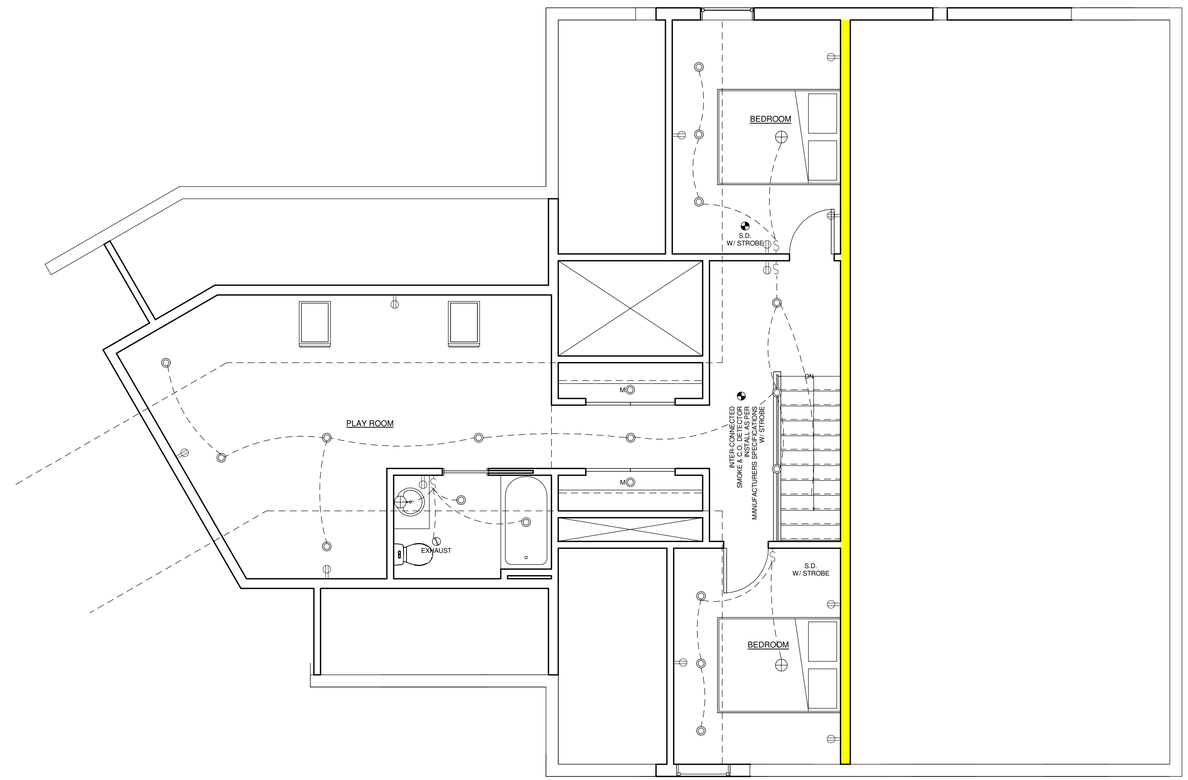
MAIN FLOOR ELECTRICAL

KEMP

265928 Maple Dell Rd., Norwich, ON

DESIGNED BY:	PIETER KUIVENHOVEN
CHECKED BY:	TRAVIS HAMM
DATE:	2022-07-21 9:28:20 AM
1/4" = 1'-0"	A10

CONSTRUCTION
NORTH



SECOND FLOOR PLAN

ELECTRICAL LEGEND

- POTLIGHT
- MO — MOTION SENSOR POTLIGHT
- LIGHT FIXTURE (BY OWNER)
- RECEPTACLE
- GFI — GFI RECEPTACLE
- SWITCH

KB Design

DESIGN LOADS

GROUND SNOW LOAD
2.0kPa (N/Apel), Sr 0.40kPa (8.35psf)

ROOF DEAD LOAD
0.53 kPa (11.07psf), INCLUDES TOP & BOTTOM CHORD TRUSS LOADING

WIND LOADS
1:50 - 0.44kPa (9.19psf), 1:10 FOR DLFLECTION - 0.34kPa (7.10psf)

MIN. SOIL BEARING CAPACITY - 75 kPa

S.P.F. #1&2 LINTELS
UP TO 2.0KPA - ROOF/CEILING/1 STORY

ALL HEADERS TO BE 2 - 2x10, UNLESS OTHERWISE NOTED

NON-STRUCT. SHEATHING	STRUCT. SHEATHING
(2) 2x4 - 2'-11"	(2) 2x4 - 3'-4"
(2) 2x6 - 4'-2"	(2) 2x6 - 4'-9"
(2) 2x8 - 5'-1"	(2) 2x8 - 5'-10"
(2) 2x10 - 6'-2"	(2) 2x10 - 7'-1 1/2"
(2) 2x12 - 7'-1/2"	(2) 2x12 - 8'-1"

STEEL LINTELS: UP TO 90mm BRICK

UP TO 2.47m (8'-1") - 89x89x6.4mm

UP TO 2.66m (8'-8") - 102x89x6.4mm

UP TO 3.31m (10'-10") - 127x89x7.9mm

STEEL LINTELS: UP TO 100mm STONE

UP TO 2.47m (8'-1") - 102x89x6.4mm

UP TO 3.77m (12'-4") - 152x89x13mm

S.P.F. #1&2 ROOF RAFTERS UP TO 2.0KPA - MAXIMUM SPANS

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Residential and Small Building Design

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SECOND FLOOR ELECTRICAL

KEMP

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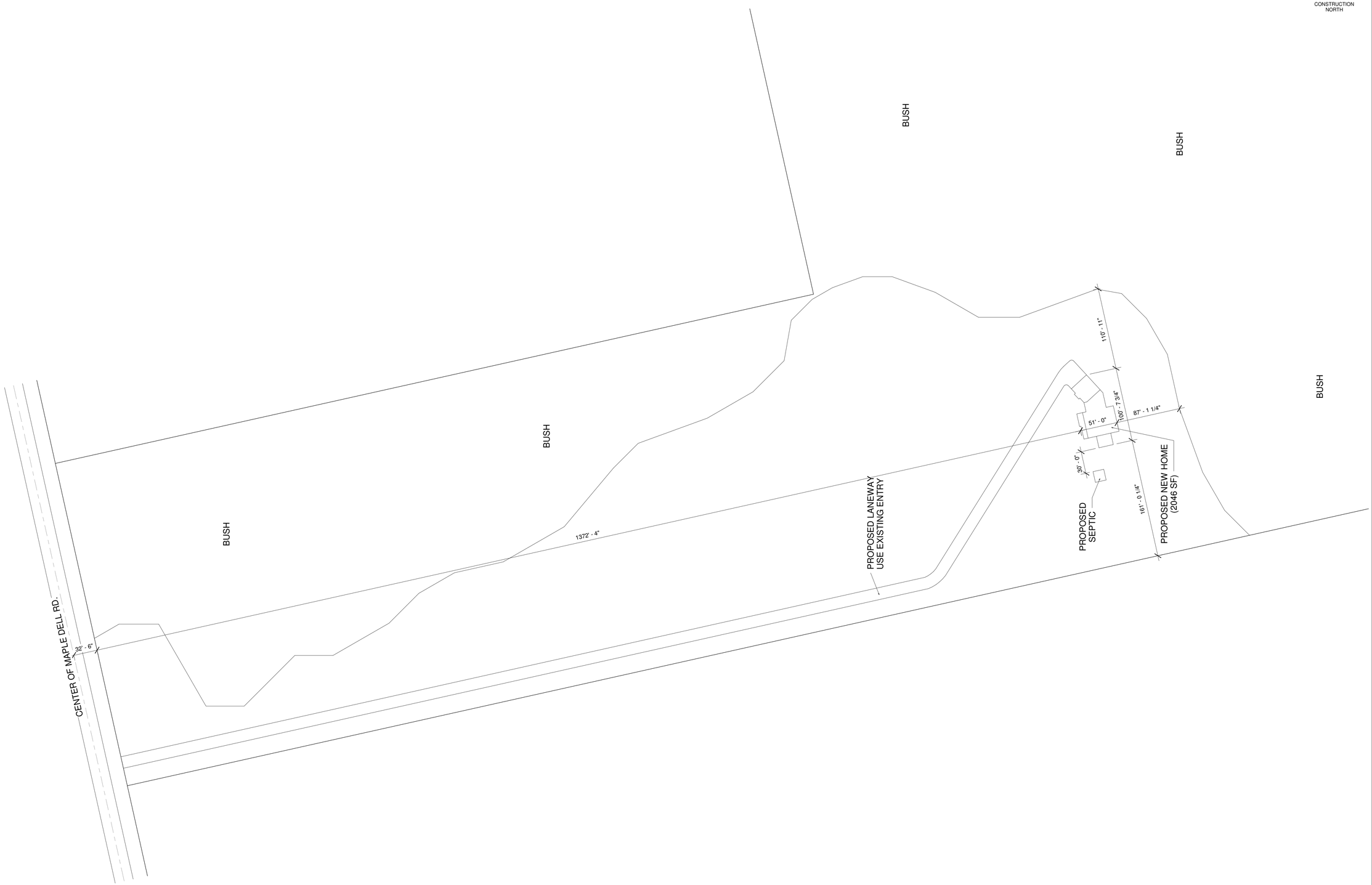

KB Design

SITE PLAN

KEMP

265928 Maple Dell Rd.,
Norwich, ON

DESIGNED BY:	PIETER KUIVENHOVEN
CHECKED BY:	TRAVIS HAMM
DATE:	2022-07-21 9:28:21 AM
1" = 60'-0"	SP1