

CONSTRUCTION NOTES

- ALL CONSTRUCTION TO ADHERE TO THESE PLANS AND SPEC'S AND TO CONFORM TO THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. THESE REQUIREMENTS ARE TO BE TAKEN AS MINIMUM SPECIFICATIONS. ONT. REG. 332/12
1.

ROOF CONSTRUCTION

NO.210 (10.25kg/m2) ASPHALT SHINGLES, 11.1mm (7/16") ASPENITE SHEATHING WITH "H" CLIPS. APPROVED WOOD TRUSSES @ 600mm (24") O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 900mm (3'-0") FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF EXTERIOR WALL. (EAVES PROTECTION NOT REQ'D. FOR ROOF 8:12 OR GREATER)
38x89 (2"x4") TRUSS BRACING @ 1830mm (6'-0") O.C. AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH, FASCIA, RWL & VENTED SOFFIT. ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH 25% AT EAVES. AND 25% AT RIDGE (OBC 9.19.1.2)
2.

FRAME WALL CONSTRUCTION (2"x6")

SIDING AS PER ELEVATION, APPROVED AIR BARRIER 11.1mm (7/16") EXTERIOR TYPE SHEATHING, 38x140 (2"x6") STUDS @ 400mm (16") O.C., RSI 3.87 (R22) INSULATION AND APPROVED VAPOUR BARRIER,13mm (1/2") INT. INT. DRYWALL FINISH. SIDING TO BE MIN. 200mm (8") ABOVE FIN. GRADE
- 2A.

FRAME WALL CONSTRUCTION (2"x4")

SIDING AS PER ELEVATION, APPROVED AIR BARRIER RSI 0.9 (R5) EXTERIOR RIGID INSULATION BOARD 38x89 (2"x4") STUDS @ 400mm (16") O.C., WITH APPROVED DIAGONAL WALL BRACING, RSI 3.87 (R22) INSULATION AND APPROVED VAPOUR BARRIER AND APPROVED CONT. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. SIDING TO BE MIN. 200mm (8") ABOVE FIN. GRADE
3.

BRICK VENEER CONSTRUCTION (2"x6")

90mm (4") FACE BRICK 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPROVED AIR BARRIER 11.1mm (7/16") EXTERIOR TYPE SHEATHING, 38x140 (2"x6") STUDS @ 400mm (16") O.C., RSI 3.87 (R22) INSULATION AND APPROVED VAPOUR BARRIER. 13mm (1/2") INT. DRYWALL FINISH. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.
- 3A.

BRICK VENEER CONSTRUCTION (2"x4")

90mm (4") FACE BRICK 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPROVED AIR BARRIER 38x89 (2"x4") STUDS @ 400mm (16") O.C. WITH APPROVED DIAGONAL WALL BRACING, 13mm (1/2") DRYWALL (W/ TAPE COAT). PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150MM(6") ABOVE FINISH GRADE.
4.

INTERIOR STUD PARTITIONS

38x89 (2"x4") STUDS @ 400mm (16") O.C. - C/W BOTTOM PLATE AND 2/38x89 (2/2"x4") TOP PLATE. 13mm (1/2") INT. DRYWALL BOTH SIDES OF STUDS, PROVIDE 38x140 (2"x6") STUDS/PLATES WHERE NOTED.
5.

FOUNDATION WALL/FOOTINGS:—SEE OBC 9.15.3, 9.15.4

200mm (8") POURED CONC. FDTN. WALL 20MPa (c/w 2-15M REBAR TOP & BOTTOM) WITH BITUMENOUS DAMPPROOFING AND OPT. DRAINAGE LAYER. DRAINAGE LAYER REQ. WHEN BASEMENT INSUL. EXTENDS 900 (2'-11") BELOW FIN. GRADE. MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500x155 (20"x6") CONTINUOUS KEYED CONC. FTG. BRACE FDTN. WALL PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OR COMPACTED ENGINEERED FILL, WITH MIN. BEARING CAPACITY OF 100kPa OR GREATER. IF SOIL BEARING DOES NOT MEET MIN. CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED. MAX. FLOOR LIVE LOAD OF 2.4kpa(50psf) PER FLOOR, AND MAX. LENGTH OF SUPPORTED JOISTS IS 4.9m (16'-1"). REFER TO SOILS REPORT FOR SOILS CONDITIONS AND BEARING CAPACITY.
6.

100mm (4") DIA. WEEP TILE 150mm (6") CRUSHED STONE OVER AND AROUND WEEPING TILES.
- 6A.

PROVIDE SLEEVE THROUGH FOOTING FOR CONTINUOUS PATH OF WEEP TILE
7.

BASEMENT SLAB OBC. 9.3.1.6.(1)(b) & 9.16.4.5.(1)

80mm (3")MIN. 25MPa (3600psi) CONC. SLAB ON 100mm (4") COARSE GRANULAR FILL, OR 15MPa. (2200psi) CONC. WITH DAMPPROOFING BELOW SLAB. (SEE PRESCRIPTIVE COMPLIANCE PACKAGE)
8.

EXPPOSED FLOOR TO EXTERIOR

PROVIDE RSI 5.46 (R31) INSULATION, APPROVED VAPOUR BARRIER AND CONTINUOUS AIR BARRIER, FINISHED SOFFIT.
9.

ATTIC INSULATION OBC. 12.3.2.1 & 12.3.3.7

RSI 8.81 (R50) BLOWN IN ROOF INSULATION AND APPROVED VAPOUR BARRIER, 16mm (5/8") INT. DRYWALL FINISH OR APPROVED EQUAL.
10.

ALL STAIRS/EXTERIOR STAIRS —OBC. 9.8.4.2

UNIFORM RISE & RUN IN A GIVEN RUN TO WITHIN 6mm(¼")
MAX. RISE = 200 (7-7/8")
MIN. RUN = 210 (8-1/4")
MIN. TREAD = 235 (9-1/4")
MAX. NOSING = 25 (1")
MIN. HEADROOM = 1950 (6'-5")
RAIL @ LANDING = 900 (2'-11")
RAIL @ STAIR = 800 (2'-8")
MIN. STAIR WIDTH = 860 (2'-10")
FOR CURVED STAIRS
MIN. RUN = 150 (6")
MIN. AVG. RUN = 200 (8")
11.

FINISHED RAILING ON PICKETS SPACED MAXIMUM 100mm (4") BETWEEN PICKETS. CLEARANCE BET. HANDRAIL AND SURFACE BEHIND IT TO BE 50mm(2") MIN. HANDRAILS TO BE CONT. EXCEPTING FOR NEWEL POST AT CHANGES OF DIRECTION. GUARDS —OBC. 9.8.8.3
INTERIOR GUARDS: 900mm (2'-11") MIN.
EXTERIOR GUARDS: 1070mm (3'-6") MIN.
12.

SILL PLATES

38x89 (2"x4") SILL PLATE WITH 13mm (1/2") DIA. ANCHOR BOLTS 200mm (8") LONG, EMBEDDED MIN. 100mm (4") INTO CONC. @ 2400mm (7'-10") O.C. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED. (SEE OBC. 9.23.7)

13.

BASEMENT FROST WALLS

RSI 3.52 (R20) INSULATION BLANKET OR BATTS WITH 38x89 (2"x4") STUD WALL, AND APPROVED VB TO 200mm(8") ABOVE FIN. FLOOR LEVEL [SB-12 2.1.16(1)] DAMPPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL.
14.

TYPICAL PARTY WALL

(SB-3 — W13a — 1 HR F.R.R. — STC 57)
½" TYPE 'X' GYPSUM BOARD
2 ROWS OF 2x4 WOOD STUD @ 16" o.c. ON SEPARATE 2x4 BASE PLATES SET 1" APART (STAGGER STUDS IN EACH WALL)
FILL WALL CAVITIES WITH FIBRE BATT INSULATION W/ MASS OF AT LEAST 1.22 Kg/m³ (0.25 lb/ft³)
½" TYPE 'X' GYPSUM BOARD
15.

RESERVED
16.

BEAM POCKET OR 300x150 (12"x6") POURED CONC. NIB WALLS. MIN. BEARING 90mm (3-1/2")
17.

19x64 (1"x3") CONTINUOUS WD. STRAPPING BOTH SIDES OF STEEL BEAM.
18.

GARAGE SLAB: 100mm (4") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT. 100 (4") COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL SLOPE TO FRONT AT 1% MIN.
19.

GARAGE WALL

13mm (1/2") GYPSUM BD. ON WALL AND CEILING BETWEEN HOUSE AND GARAGE, RSI 3.87 (R22) IN WALLS, RSI 5.46 (R31) IN CEILING. PROVIDE APPROVED AIR BARRIER. TAPE AND SEAL ALL JOINTS AIR TIGHT. PER OBC 9.10.9.16
20.

DOOR AND FRAME GASPROOFED. DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHERSTRIPPING. PER OBC 9.10.13.15
21.

WOOD STEP, C/W HANDRAIL & LANDING IF MORE THAN (9-1/2") SEE OBC 9.8.9.2, 9.8.9.3 & 9.8.10
22.

CAPPED DRYER EXHAUST VENTED TO EXTERIOR. (USE 100mm(4") DIA. SMOOTH WALL VENT PIPE) OBC 6.2.3.8.(7)
23.

ATTIC ACCESS (OBC 9.19.2)

ATTIC ACCESS HATCH 545x610 (21.5"x24") WITH A MIN. AREA OF 3.44 SF WITH WEATHERSTRIPPING
24.

RESERVED
25.

LINEN CLOSET, 4 SHELVES MIN. 350mm (14") DEEP.
26.

MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR, TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR.
27.

SOLID WOOD BEARING FOR WOOD STUD WALLS

SOLID BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED MEMBER. SOLID WOOD BEARING COMPRISED OF BUILT-UP WOOD STUDS TO BE CONSTRUCTED IN ACCORDANCE WITH OBC. 9.17.4.2 (2).
28.

U.L.C. RATED CLASS "B" VENT 610mm (2'-0") ABOVE THE POINT IN CONTACT WITH THE ROOF FOR SLOPES UP TO 9/12, REFER TO THE ONTARIO GAS UTILIZATION CODE.
29.

RESERVED
30.

RESERVED
31.

PORCH SLAB/STEPS: 130 mm (5") MIN. CONC. 32 MPa SLAB AIR ENTRAINMENT MIN. 5 TO 8% AT 28 DAYS. 10 M BARS @ 250 O/C EACH WAY 10M DOWELS @400 (16") O.C. 2-15m IN THICKENED AREA FROM WALL TO SLAB ALL SIDES (SEE DETAIL)
32.

DIRECT VENT FURNACE TERMINAL MIN. 900mm (36") FROM A GAS REGULATOR. MIN. 300mm (12") ABOVE FIN. GRADE, FROM ALL OPENINGS, EXHAUST AND INTAKE VENTS. HRV INTAKE TO BE A MIN. OF 1830mm (6'-0") FROM ALL EXHAUST TERMINALS. REFER TO GAS UTILIZATION CODE.
33.

DIRECT VENT GAS FIREPLACE. VENT TO BE A MINIMUM 300mm (12") FROM ANY OPENING AND ABOVE FIN. GRADE. REFER TO GAS UTILIZATION CODE.
34.

SUBFLOOR, JOIST STRAPPING AND BRIDGING —19mm (3/4") T&G ASP. SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC TILE APPLICATION (* SEE OBC 9.30.6.3)
6mm (1/4") PANEL TYPE UNDERLAY UNDER RESILIENT & PARQUET FLOORING. (-* SEE OBC 9.30.2 *)
STRAPPED WITH 19x64 (1"x3") @ 2100mm (6'-11") O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED. (SEE OBC 9.23.9.4)
35.

EXPPOSED BUILDING FACE —OBC. 9.10.14.5

EXTERIOR WALLS TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 min. WHERE LIMITING DISTANCE IS LESS THAN 1.2M (3'-11"). WHERE THE LIMITING DISTANCE IS LESS THAN 600mm (1'-11") THE EXPOSING FACE SHALL BE CLAD IN NON-COMBUSTIBLE MATERIAL.
36.

RESERVED
37.

THE FDTN. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2") THICK TO A MAX. DEPTH OF 350mm (13-3/4") AND SHALL BE TIED TO THE FACING MATERIAL WITH METAL TIES SPACED 200mm (8") O.C. VERTICALLY AND 900mm (36") O.C. HORIZONTALLY. FILL SPACE BETWEEN WALL AND FACING SOLID WITH MORTAR.
38.

CONVENTIONAL ROOF FRAMING

38x140 (2"x6") RAFTERS @ 400mm (16"O.C.), FOR MAX. 11'-7" SPAN.
38x184 (2"x8") RIDGE BOARD. 38x89 (2"x4") COLLAR TIES AT MIDSPANS. CEILING JOISTS TO BE 38x89 (2"x4") @ 400mm (16") O.C. FOR MAX. 2830mm (9'-3") SPAN & 38x140 (2"x6") @ 400mm (16") O.C. FOR MAX. 4450mm (14'-7") SPAN. RAFTERS FOR BUILT-UP ROOF TO BE 38x89 (2"x4") @ 600mm (24") O.C. WITH A 38x89 (2"x4") CENTRE POST TO THE TRUSS BELOW, LATERALLY BRACED AT 1800mm (6'-0") O.C. VERTICALLY.
39.

TWO STOREY VOLUME SPACES

FOR HIGH WALL UP TO 18'-0":
CONSTRUCTION: 2"x8" @ 16" o/c
BLOCKING: 3 ROWS @ 4'-6" o/c ±
SHEATHING: 7/16" ASPENITE
NAILING: 2" STAPLES BET. 4" AND 6" O/C ALONG STUDS
40.

RESERVED
41.

STRIP FOOTING SUPPORTING EXTERIOR WALLS

—SEE OBC 9.15.3.
—ASSUMING MASONRY VENEER CONSTRUCTION, MAX. FLOOR LIVE LOAD OF 2.4kPa. (50psf.) PER FLOOR, AND MAX. LENGTH OF SUPPORTED FLOOR JOISTS IS 4.9m (16'-1").

THE STRIP FOOTING SIZE SHALL BE 20"W x 6"H (UNLESS OTHERWISE NOTED ON PLAN)

- WINDOWS:

1) MINIMUM BEDROOM WINDOW —OBC. 9.7.1.3.—
AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR IS TO HAVE MIN. 0.35m2 UNOBSTRUCTED GLAZED OR OPENABLE AREA WITH MIN. CLEAR WIDTH OF 380 mm (1'-3").

2) WINDOW GUARDS —OBC. 9.7.1.6.—, 9.8.8.
A GUARD IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED LESS THAN 480mm (1'-7") ABOVE FIN. FLOOR AND THE DISTANCE FROM THE FIN. FLOOR TO THE ADJACENT GRADE IS GREATER THAN 1800mm (5'-11")

3) ALL WINDOWS TO COMPLY WITH THERMAL RESISTANCE REQUIREMENTS STATED IN OBC 12.3.2.6.
- GENERAL

1) MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.3 AIR CHANGES PER HOUR AVERAGED OVER 24 HOURS. SEE MECHANICAL DRAWINGS.

2) ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDINGAS PER OBC 9.26.18.2 AND MUN. STANDARDS.

3) ALL WINDOW WELLS TO DRAIN TO FOOTING LEVEL PER OBC 9.14.6.3 CHECK WITH LOCAL AUTHORITY.

4) PROVIDE STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN BATHROOMS. REINF. OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATER CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM, SEE OBC 9.5.2.3., 3.8.3.8.(1)(d) & 3.8.3.13.(1)(f).
- LUMBER:

1) ALL LUMBER SHALL BE SPRUCE NO.2 GRADE, UNLESS NOTED OTHERWISE.

2) STUDS SHALL BE STUD GRADE SPRUCE, UNLESS NOTED OTHERWISE.

3) LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE No.2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.

4) ALL LAMINATED VENEER LUMBER (L.V.L.) BEAMS, GIRDER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED & CERTIFIED BY TRUSS MANUF.

5) LVL BEAMS SHALL BE 2.0E WS MICRO-LAM LVL (Fb=2800psi.MIN.) OR EQUIVALENT. NAIL EACH PLY OF LVL WITH 89mm (3 1/2") LONG COMMON WIRE NAILS @ 300mm (12") O.C. STAGGERED IN 2 ROWS FOR 184, 240 & 300mm (7 1/4",9 1/2", 11 7/8") DEPTHS AND STAGGERED IN 3 ROWS FOR GREATER DEPTHS AND FOR 4 PLY MEMBERS ADD 13mm (1/2") DIA. GALVANIZED BOLTS BOLTED AT MID-DEPTH OF BEAM @ 915mm (3'-0") O.C.

6) PROVIDE TOP MOUNT BEAM HANGERS TYPE "SCL" MANUFACTURED BY MGA CONNECTOR LTD. Tel. (905) 642-3175 OR EQUAL FOR ALL LVL BEAM TO BEAM CONNECTIONS UNLESS OTHERWISE NOTED

7) JOIST HANGERS: PROVIDE METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS INTERSECTING FLUSH BUILT-UP WOOD MEMBERS.

8) WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST 2 mil. POLYETHYLENE FILM, No. 50 (45lbs.) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS ST LEAST 150mm (6") ABOVE THE GROUND.
- STEEL:

1) STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40-21 GRADE 300W. HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO CAN/CSA-G40-21 GRADE 350W CLASS "H".

2) REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R.

WOOD LINTELS AND BUILT-UP WOOD BEAMS

L1	2/38 x 184 (2/2" x 8") SPR.#2
B1	3/38 x 184 (3/2" x 8") SPR.#2
B2	4/38 x 184 (4/2" x 8") SPR.#2
L3	2/38 x 235 (2/2" x 10") SPR.#2
B3	3/38 x 235 (3/2" x 10") SPR.#2
B4	4/38 x 235 (4/2" x 10") SPR.#2
L5	2/38 x 286 (2/2" x 12") SPR.#2
B5	3/38 x 286 (3/2" x 12") SPR.#2
B6	4/38 x 286 (4/2" x 12") SPR.#2

LOOSE STEEL LINTELS

L7	90 x 90 x 6.0L (3-1/2" x 3-1/2" x 1/4"L)
L8	90 x 90 x 8.0L (3-1/2" x 3-1/2" x 5/16"L)
L9	100 x 90 x 8.0L (4" x 3-1/2" x 5/16"L)
L10	125 x 90 x 8.0L (5" x 3-1/2" x 5/16"L)
L11	125 x 90 x 10.0L (5" x 3-1/2" x 3/8"L)
L12	150 x 100 x 10.0L (6"x 4" x 3/8"L)

MASONRY VENEER LINTEL SCHEDULE [OBC2012] PROVIDE 6"MINIMUM BEARING EACH END 9.20.5.2B	
OPENINGS	LINTEL SIZE
UP TO 8'-0"	3 1\2" x 3 1\2" x 1\4"
8'-0" TO 8'-8"	4" x 3 1\2" x 1\4"
8'-8" TO 10'-10"	5" x 3 1\2" x 5\16"
10'-10" TO 11'-5"	5" x 3 1\2" x 7\16"
11'-5" TO 11'-9"	5" x 3 1\2" x 1\2"
11'-9" TO 12'-6"	6" x 3 1\2" x 7\16"
12'-6" TO 13'-4"	6" x 3 1\2" x 1\2"

STRUCTURAL NOTES

ALL WINDOW LINTELS TO BE 2-2X10 W/ P2 POSTS ON EACH SIDE U.N.O.



SOLID WOOD BEARING

- P2 - 2 MEMBER BUILT-UP STUD
P3 - 3 MEMBER BUILT-UP STUD
P4 - 4 MEMBER BUILT-UP STUD

NOTE: SOLID BEARING TO BE AS WIDE AS SUPPORTED MEMBER. SOLID BEARING TO BE A MINIMUM OF P2(ONE CONTINUOUS STUD AND ONE JACK STUD, UNLESS OTHERWISE NOTED ON PLAN.

- TP 75mm DIA. ADJ. ST. POST
2TP 2-75mm DIA. ADJ. ST. POSTS
3TP 3-75mm DIA. ADJ. ST. POSTS

LEGEND



EXHAUST VENT/FAN



DUPLEX OUTLET



WEATHERPROOF
DUPLEX OUTLET



HEAVY DUTY OUTLET



POT LIGHT



LIGHT FIXTURE
(CEILING MOUNTED)



LIGHT FIXTURE
(WALL MOUNTED)



SWITCH



CABLE OUTLET



BELL OUTLET



FLOOR DRAIN



HOSE BIB



DOUBLE JOIST



TRIPLE JOIST



LAMINATED VENEER
LUMBER



POINT LOAD FROM ABOVE



PRESSURE TREATED
LUMBER



GIRDER TRUSS
BY ROOF TRUSS MANUF.



UNLESS NOTED OTHERWISE



FLAT ARCH



CURVED ARCH



MEDICINE CABINET



SMOKE ALARM (REFER TO OBC 9.10.19)

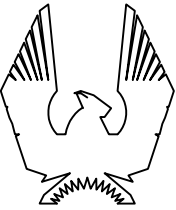
PROVIDE 1 PER FLOOR, NEAR THE STAIRS CONNECTING THE FLOOR LEVEL. ALARMS TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCONNECTED TO ACTIVATE ALL ALARMS IF 1 SOUNDS.

CARBON MONOXIDE DETECTOR (OBC 9.33.4)

WHERE A FUEL-BURNING APPLIANCE IS INSTALLED IA A DWELLING UNIT, A CARBON MONOXIDE DETECTOR CONFORMING TO CAN/CGA-6.19, CSA 6.19 OR UL2034 SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA. CARBON MONOXIDE DETECTOR(S) SHALL BE PERMANENTLY WIRED SO THAT ITS ACTIVATION WILL ACTIVATE ALL CARBON MONOXIDE DETECTORS AND BE EQUIPPED WITH AN ALARM THAT IS AUDIBLE WITHIN BEDROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

SOIL GAS CONTROL (OBC 9.13.4.1 & 9.13.4.2)

PROVIDE CONSTRUCTION TO PREVENT LEAKAGE OF SOIL GAS INTO THE BUILDING IF REQUIRED.



PHOENIX HOMES

517-RUTHERFORD-2015

Designer information:

The undersigned has reviewed and take responsibility for this design and has the qualification and meets the requirements set out in the Ontario Building Code as a designer.

Sandy Pollock
Individual BCIN: 33536
Firm BCIN: 40800

9	FINAL FOR SITE	04/11/21	GK
8	FINAL BLACKLINES REVISION	13/10/21	GK
7	FOR FINAL BLACKLINES	30/09/21	GK
6	FOR BEP ONLY	26/04/21	SP
5	FOR STRUCTURAL REVIEW	28/01/21	SP
4	BEP BLACKLINES	09/12/20	SP
No.	Description	dd/mm/yy	By
REVISIONS			

footprint: 517

designed by: TL

drawn by: SP

date: NOV/15

scale: 3/16"=1'-0"

D.C.L.-185

sheet

sheet title: A0

1 of 9

Diagram illustrating the footing and pile cap assembly. The footing is labeled "40"X40"X10" FOOTING c/w 5-15M BOTTOM E/W". The pile cap is labeled "1'-8" X 1'-8" X 10" PILE CAP". The footing is shown embedded in "UNDISTURBED SOIL".

6'-0" 6'-0" 7"

3-2X8 P.T. BEAM (FL)

DOUBLE JOIST

6'-7"

2X8 P.T. JOISTS @ 16" o/c

4-2X8 P.T. BEAM (FL)

DOUBLE JOIST

6'-8"

22'-8"

12'-1"

2X8 P.T. JOISTS @ 16" o/c

6X6 P.T. POST BOLTED TO METAL SHOE SET INTO 10" DIA. CONC. PIER (TO EXTEND 6" ABV FINISHED GRADE) OVER 24"X24"X8" CONC. PAD W/1-15M DOWEL INTO SONOTUBE FOR PIER (MIN. 66" BELOW GRADE)

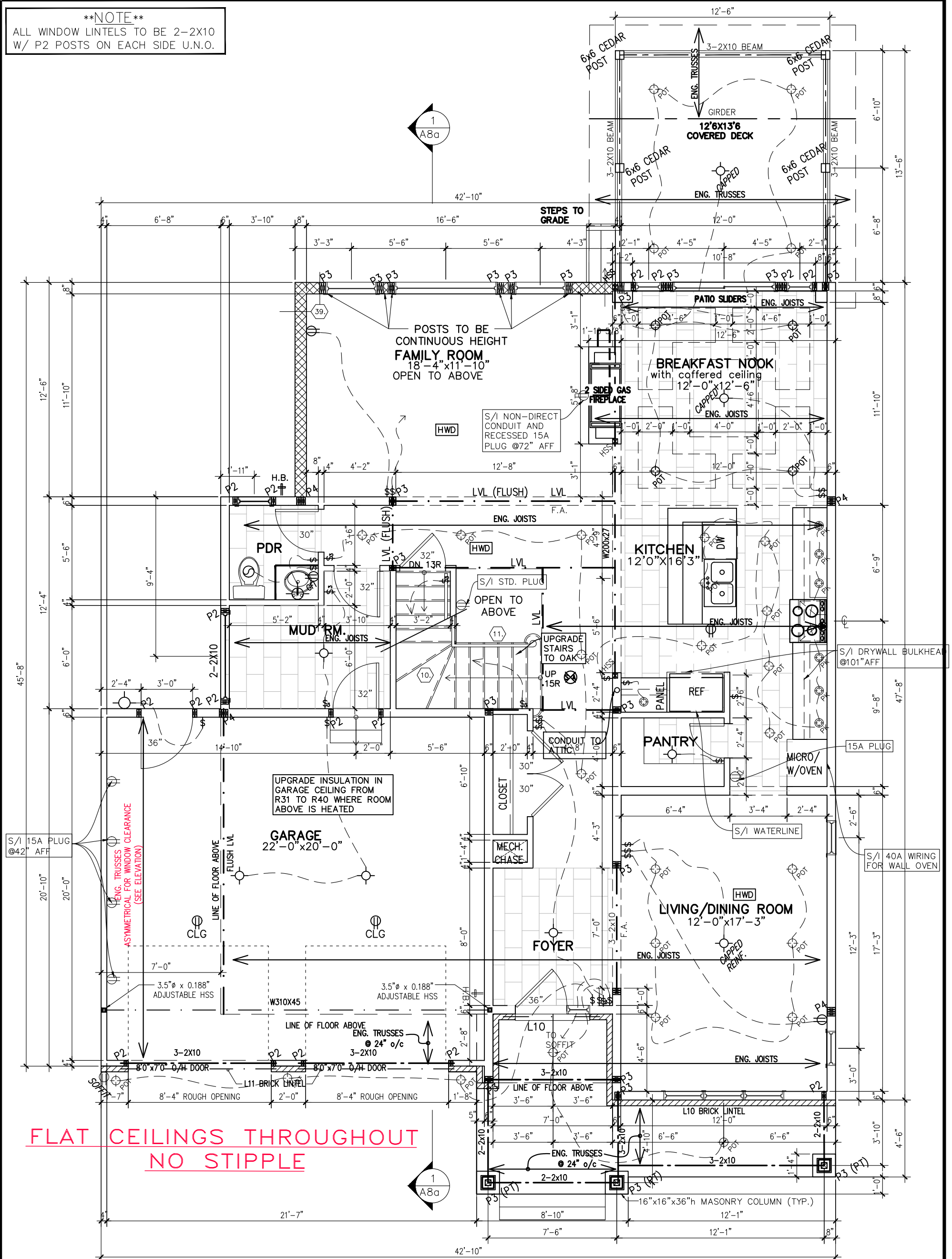
2-2X8 P.T. LEDGER. W/ 1/2"Øx8" EXPANSION BOLTS BOLTED TO WALL @ 16" O/C



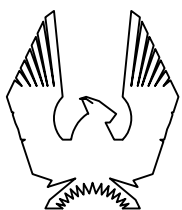
32

footprint: 517	
designed by: TL	
drawn by: SP	
date: NOV/15	
scale: 3/16"=1'-0"	
D.C.L.-185	sheet
sheet title: A1a	

****NOTE****
ALL WINDOW LINTELS TO BE 2-2X10
W/ P2 POSTS ON EACH SIDE U.N.O.



GROUND FLOOR PLAN
ELEVATION D



PHOENIX HOMES

517-RUTHERFORD-2015

SITE: WHITE TAIL RIDGE

LOT NUMBER:

CIVIC ADDRESS:
238 ANTLER COURT

32

9	FINAL FOR SITE	04/11/21	GK
8	FINAL BLACKLINES REVISION	13/10/21	GK
7	FOR FINAL BLACKLINES	30/09/21	GK
6	FOR BEP ONLY	26/04/21	SP
5	FOR STRUCTURAL REVIEW	28/01/21	SP
4	BEP BLACKLINES	09/12/20	SP
No.	Description	dd/mm/yy	By
REVISIONS			

footprint: 517
designed by: TL
drawn by: SP
date: NOV/15
scale: 3/16"=1'-0"

D.C.L.-185	sheet
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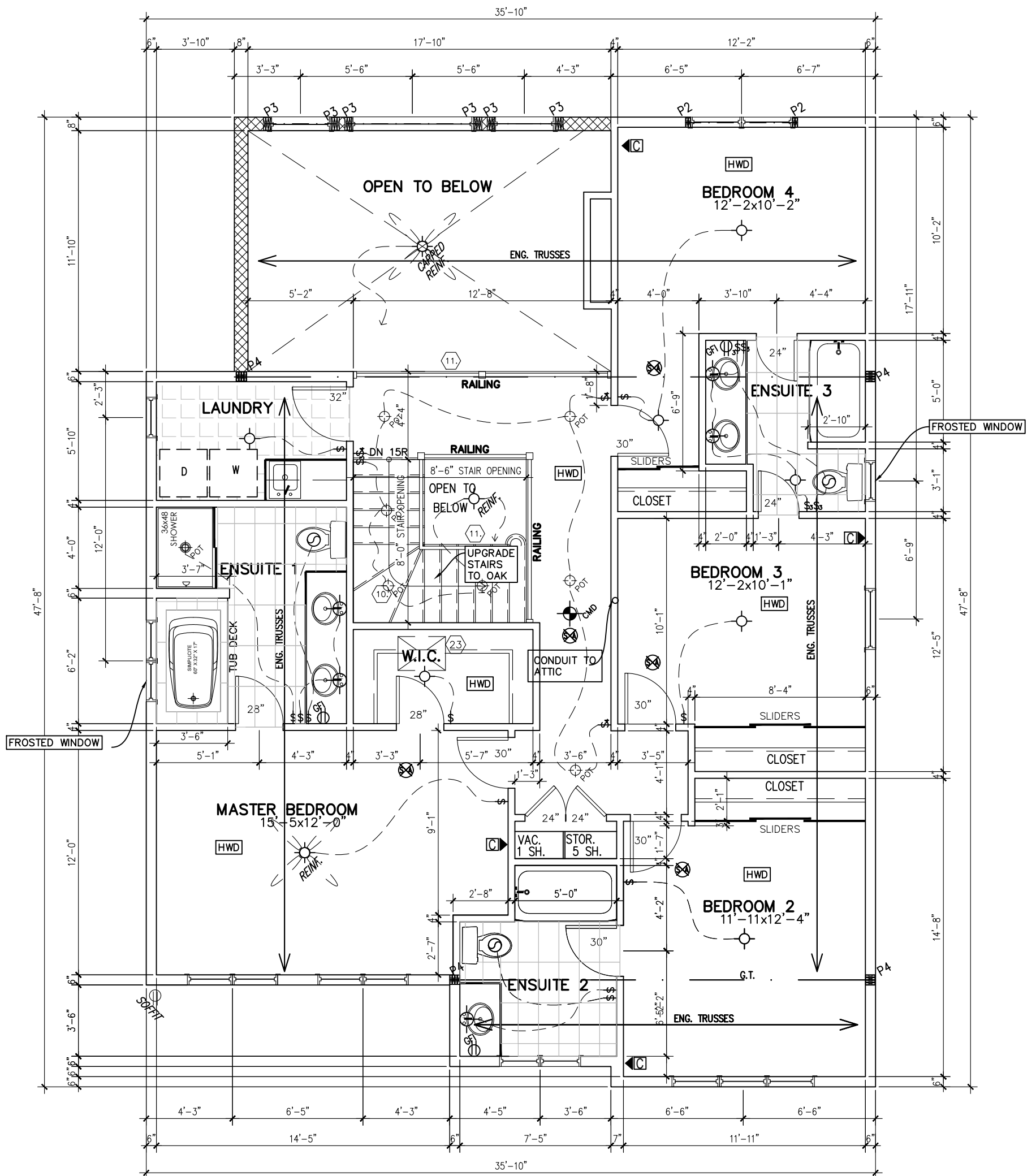
sheet

title:	A2a	
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729

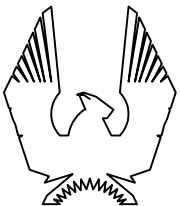
A2a	$\frac{50}{9}$
-----	----------------

ALL WINDOW LINTELS TO BE 2-2X10
W/ P2 POSTS ON EACH SIDE U.N.O.



FLAT CEILINGS THROUGHOUT
NO STIPPLE

SECOND FLOOR PLAN ELEVATION D



PHOENIX HOMES

517-RUTHERFORD-2015

SITE: WHITE TAIL RIDGE

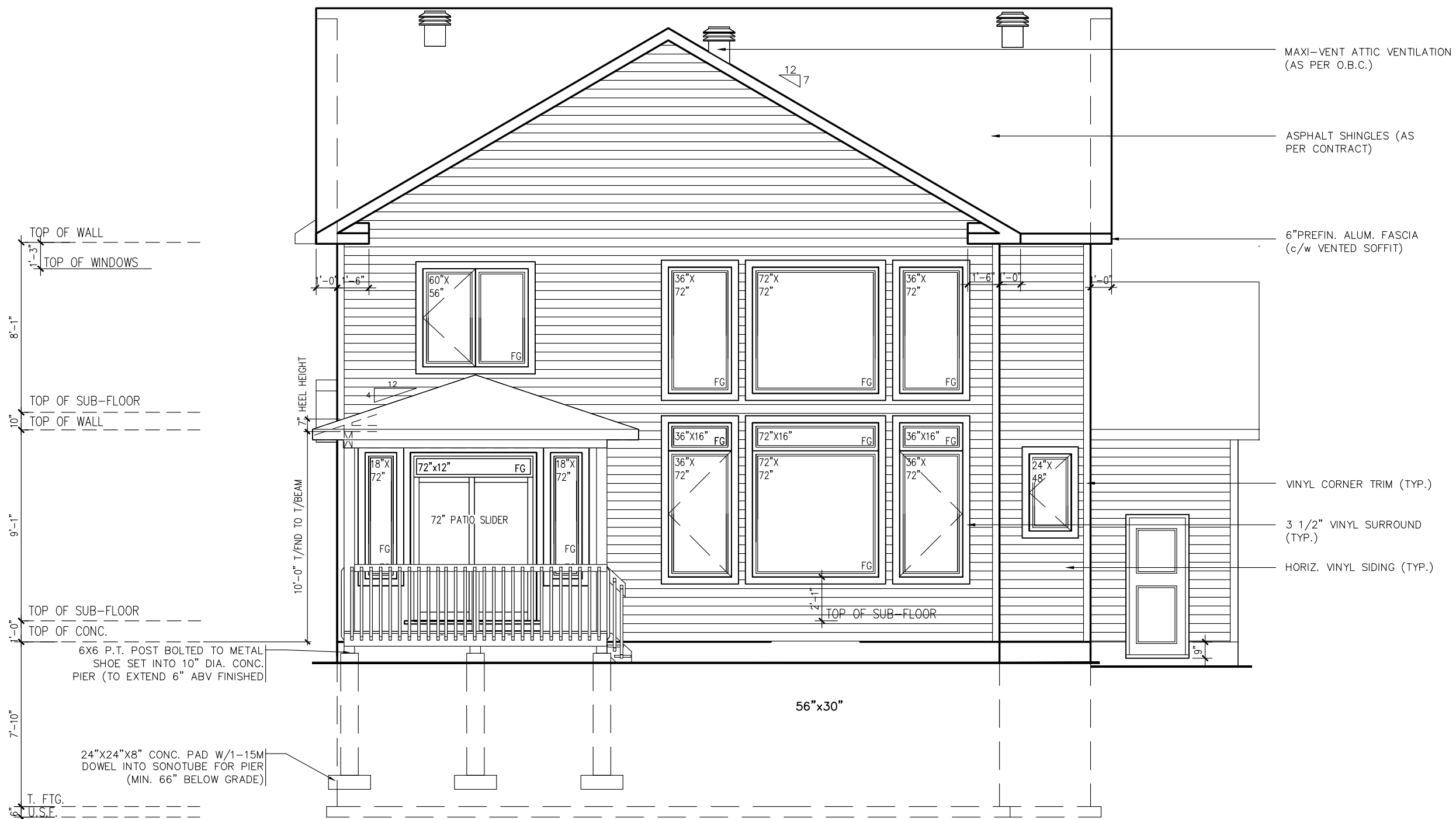
LOT NUMBER:

CIVIC ADDRESS:
238 ANTLER COURT

32

9	FINAL FOR SITE	04/11/21	GK
8	FINAL BLACKLINES REVISION	13/10/21	GK
7	FOR FINAL BLACKLINES	30/09/21	GK
6	FOR BEP ONLY	26/04/21	SP
5	FOR STRUCTURAL REVIEW	28/01/21	SP
4	BEP BLACKLINES	09/12/20	SP
No.	Description	dd/mm/yy	By
REVISIONS			

footprint: 517	
designed by: TL	
drawn by: SP	
date: NOV/15	
scale: 3/16"=1'-0"	
D.C.L.-185	sheet
sheet title: A3a	



REAR ELEVATION D



517-RUTHERFORD-2015

SITE: WHITE TAIL RIDGE

LOT NUMBER: 32

CIVIC ADDRESS:
238 ANTLER COURT

9	FINAL FOR SITE	04/11/21	GK
8	FINAL BLACKLINES REVISION	13/10/21	GK
7	FOR FINAL BLACKLINES	30/09/21	GK
6	FOR BEP ONLY	26/04/21	SP
5	FOR STRUCTURAL REVIEW	28/01/21	SP
4	BEP BLACKLINES	09/12/20	SP
No. Description		dd/mm/yy	By
REVISIONS			

footprint: 517

designed by: TL

drawn by: SP

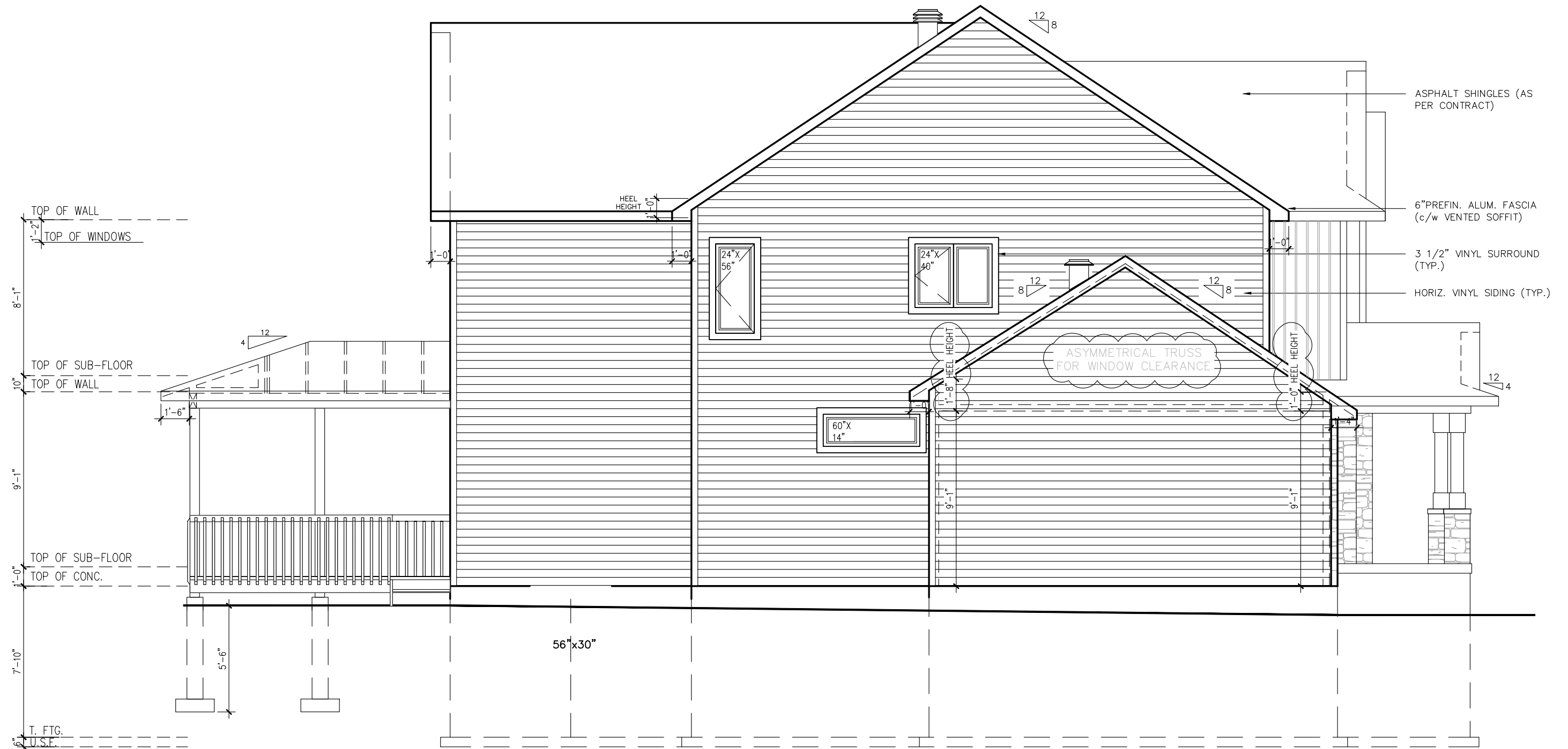
date: NOV/15

scale: 3/16"=1'-0"

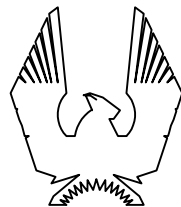
D.C.L.-185 sheet

sheet title: A5

6 of 9



LEFT SIDE ELEVATION D



PHOENIX HOMES

517-RUTHERFORD-2015

SITE: WHITE TAIL RIDGE

LOT NUMBER:

32

CIVIC ADDRESS:
238 ANTLER COURT

9	FINAL FOR SITE	04/11/21	GK
8	FINAL BLACKLINES REVISION	13/10/21	GK
7	FOR FINAL BLACKLINES	30/09/21	GK
6	FOR BEP ONLY	26/04/21	SP
5	FOR STRUCTURAL REVIEW	28/01/21	SP
4	BEP BLACKLINES	09/12/20	SP
No.	Description	dd/mm/yy	By
REVISIONS			

footprint: 517
designed by: TL
drawn by: SP
date: NOV/15
scale: 3/16"=1'-0"
D.C.L.-185 sheet
sheet title: A6a
7 of 9



WALL AREA 917 SQ. FT.
LIMITING DISTANCE 1.2 M (7%)
OPENINGS ALLOWED 64.19 SQ. FT.
OPENINGS PROVIDED 28.21 SQ. FT.
OPENINGS PROVIDED W/ ALT. KITCHEN 34.61 SQ. FT.

RIGHT SIDE ELEVATION D



517-RUTHERFORD-2015

SITE: WHITE TAIL RIDGE

LOT NUMBER: 32

CIVIC ADDRESS:
238 ANTLER COURT

9	FINAL FOR SITE	04/11/21	GK
8	FINAL BLACKLINES REVISION	13/10/21	GK
7	FOR FINAL BLACKLINES	30/09/21	GK
6	FOR BEP ONLY	26/04/21	SP
5	FOR STRUCTURAL REVIEW	28/01/21	SP
4	BEP BLACKLINES	09/12/20	SP
No.	Description	dd/mm/yy	By
REVISIONS			

footprint: 517

designed by: TL

drawn by: SP

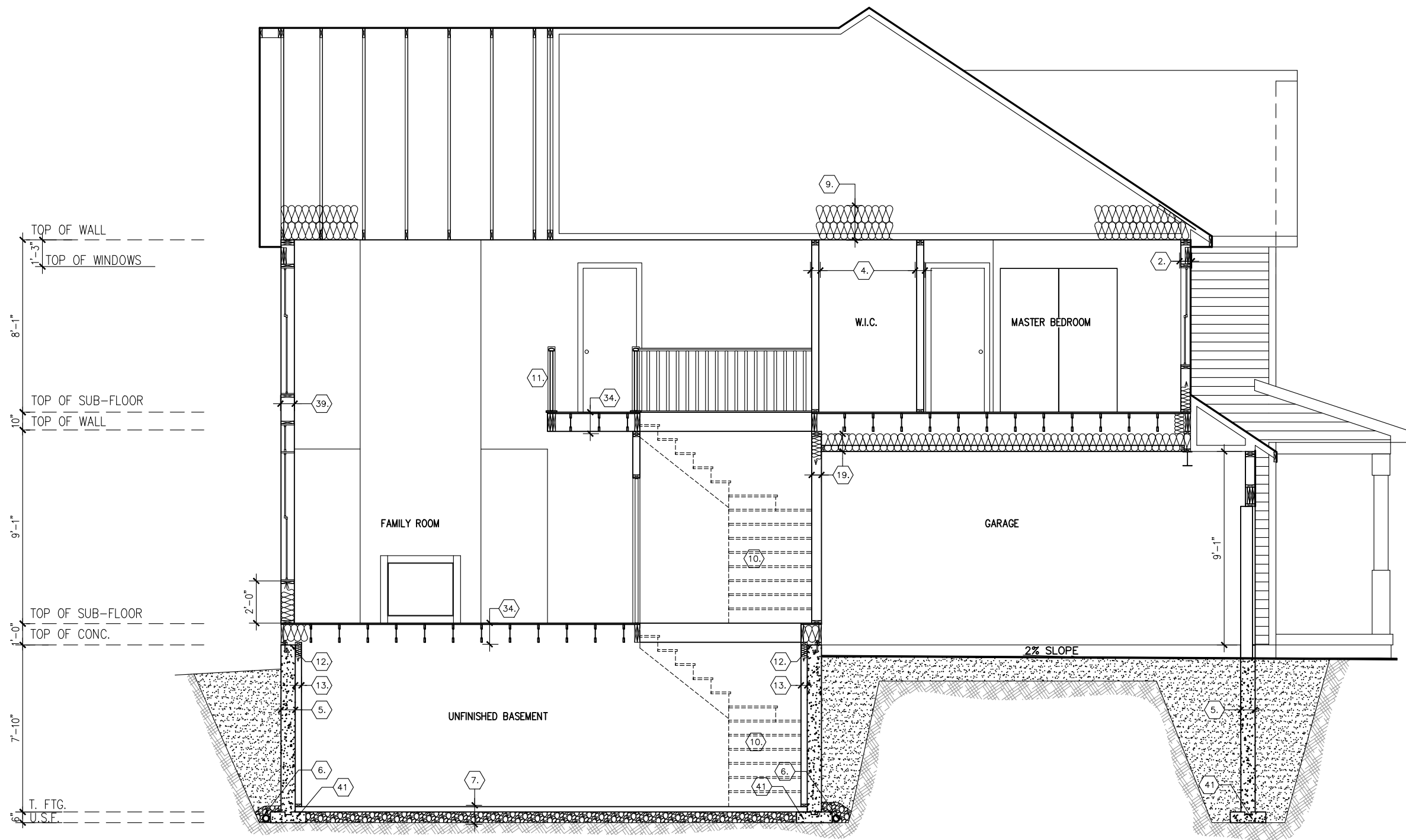
date: NOV/15

scale: 3/16"=1'-0"

D.C.L.-185 sheet

sheet title: A7a

8 of 9



SECTION ELEVATION A



517-RUTHERFORD-2015

SITE: WHITE TAIL RIDGE

LOT NUMBER:

32

CIVIC ADDRESS:
238 ANTLER COURT

9	FINAL FOR SITE	04/11/21	GK
8	FINAL BLACKLINES REVISION	13/10/21	GK
7	FOR FINAL BLACKLINES	30/09/21	GK
6	FOR BEP ONLY	26/04/21	SP
5	FOR STRUCTURAL REVIEW	28/01/21	SP
4	BEP BLACKLINES	09/12/20	SP
No.	Description	dd/mm/yy	By
REVISIONS			

footprint: 517
designed by: TL
drawn by: SP
date: NOV/15
scale: 3/16"=1'-0"
D.C.L.-185 sheet
sheet title: A8a
9 of 9