CODE AND ALL OTHER APPLICABE ODES AND 16-2023
AUTHORITIES HAVING JURISDICTION.
ARE TO BE TAKEN AS MINIMUM SPECIFICA
REG. 332/12 - 2012 OBC.

ROOF CONSTRUCTION (*SEE OBC 9.19.)

NO. 210 (10.25kg/m2) ASHPHALT SHINGLES. 10mm (3/8") PLYWOOD SHEATHING WITH "H" CLIPS. APPROVED WOOD TRUSSES @600mm 24" o.c. MAX. APPROVED EAVE PROTECTION TO EXTEND 900mm (3'-0") FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF EXTERIOR WALL, 38x89 (2"x4") TRUSS BRACING @ 1830mm (6'-0") o.c. AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH, FASCIA, RNL & VENTED SOFFIT. PROVIDE ICE & WATER SHIELD TO ALL ROOF / WALL SURFACES SUSCEPTIBLE TO DAMMING. ROOF SHEATHING TO BE FASTENED 150 (6") c.c. ALONG EDGES & INTERMEDIATE SUPPORTS WHEN TRUSSES SPACED GREATER THAN 406 (4"). (16"). ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH 50% AT EAVES

FRAME WALL CONSTRUCTION (2"x6")

2 SIDING, HARDIE BOARD, STUCCATO BOARD OR EQUAL AS PER ELEVATION, IAX64 (1"x3") VERTICAL WOOD FURRING, APPROVED SHEATHING PAPER, 7/16" 0.5.B. EXTERIOR APPROVED SHEATHING PAPER, 17/16" 0.5.B. EXTERIOR APPROVED SHEATHING PAPER SHEA SHEATHING OR OBC COMPLIANT EQUIVALENT. 36X140 (2"X6") STUDS @ 400MM (16") O.C. WAPPROVED DIAGONAL WALL BRACING, RSI 3.87 (R22) INSULATION AND APPROVED VAPOUR BARRIER AND APPROVED CONT. AIR BARRIER, I3mm (I/2") INT. DRYWALL FINISH.

BRICK VENEER CONSTRUCTION (2"X6")

90mm (4") FACE BRICK 25mm (1") AIR SPACE

22x180x0.76mm (7/8"x7"x0.03") GALV. METAL TIES @ 22xiBoxo.7:6mm (7/8"x1"x0.03") GALV. METAL TIES @
400mm (16") o.c. HORIZONTAL 600mm (24") o.c. VERTICAL.
APPROVED SHEATHING PAPER, 7/16" O.S.B. EXTERIOR
SHEATHING OR OBC COMPLIANT EQUIVALENT. 36x140
(2"x6") STUDS @ 400mm (16") o.c. WAPPROVED DIAGONAL
WALL BRACING, RSI 3.87 (R22) INSUL. APPROVED VAPOUR
BARRIER AND APPROVED CONT. AIR BARRIER, I3mm (1/2")
INT. DRYWALL FINISH. PROVIDE WEEP HOLES @ 800mm
(32") o.c. BOTTOM COLUSE AND OVER DEBUINGE (32") O.C. BOTTOM COURSE AND OVER OPENINGS PROVIDE BASE

FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. STUCCO WALL CONSTRUCTION (2"x6")

STUCCO CLADDING SYSTEM CONFIRMING TO OBC9.27.1.1.(2) \$ 9.28 THAT EMPLOY A MINIMUM 6mm (1/4") DRAINAGE CAVITY BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED AS PER MANUFACTURERS SPECIFICATION ON 25mm (I") MINIMUM EXTRUDED OR EXPANDED RIGID INSULATION, APPROVED SHEATHING PAPER, 7/16" O.S.B. EXTERIOR SHEATHING OR OBC

COMPLIANT EQUIVALENT. 38X140 (2"X6") STUDS @ 400mm

(6") O. MARPROVED DIAGONAL MALL BRACING RG (16") o.c. WAPPROVED DIAGONAL WALL BRACING, RSI 3.67 (R22) INGUL. APPROVED VAPOUR BARRIER AND APPROVED CONT. AIR BARRIER, I3mm (I/2") INT. DRYWALL FINISH. STUCCO TO BE MIN.200mm (8") ABOVE FINISH

INTERIOR STUD PARTITIONS 4

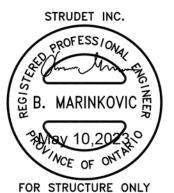
(*SEE DBC 9.23.10.&9.23.11.)

BEARING PARTITION 38x89 (2"x4") @ 400mm (16") o.c. FOR 2 STOREYS AND 300mm (12") o.c. FOR 3 STOREYS.
NON-BEARING PARTITIONS 38x89 (2"x4") @ 600mm (24") O.C.. PROVIDE 38x84 (2"x4") BOTTOM PLATE AND 2/38x84 (2-2"x4") TOP PLATE. I3mm (I/2") INTERIOR DRYWALL BOTH SIDES OF STUD, PROVIDE 38x140 (2"x6") STUDS/PLATES WHERE NOTED.

FOUNDATION WALL/FOOTINGS: 5

(*SEE OBC 9.15.3 & 9.15.4.)

MIN. 200mm (8") POURED CONC. FDTN. WALL 15MPa (2200ps) WITH BITUMENOUS DAMPROOFING AND DRAINAGE LAYER. MIN. 480x155 (19"x6") CONTIN. KEYED CONC. FTG. BRACE FOUNDATION WALL PRIOR TO CONC. FIG. BRACE FOUNDATION WALL PRIOR TO BACKFILLING, ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL WITH MINIMUM BEARING CAPACITY OF 120kPa (17.4 psi) OR GREATER.



WEEPING TILE (* SEE DBC 9.14.3.) 100mm (4") DIA. WEEPING TILE 150mm (6") CRUSHED STONE OVER AND AROUND WEEPING TILES.

BASEMENT SLAB (*SEE OBC 9.16.-) 80mm (3") MIN. 25MPa (3600psi) CONC. SLAB ON 100mm (4") COARSE GRANULAR FILL, OR 15MPa (2200psi) CONC. WITH DAMPROOFING BELOW SLAB.

WOOD SUBFLOORS (*SEE OBC 9.23.14. & 9.30.2.) 19mm (3/4") T&G SUBFLOOR UNDER GROUND FLOOR FINISH FLOOR. 16mm (5/8") T&G SUBFLOOR UNDER SECOND FLOOR FINISH FLOOR. 16mm (5/8") PANEL-TYPE
UNDERLAY FOR CERAMIC TILE APPLICATION. 6mm (1/4")
PANEL-TYPE UNDERLAY UNDER RESILIENT & PARQUET

ROOF INSULATION (*SEE SB12 - 2.1.1.2.A & 2.1.1.7) RSI 10.57 (R60) ROOF INSULATION AND APPROVED VAPOUR BARRIER, 16mm (5/8") INT. DRYWALL FINISH OR

ALL STAIRS/EXTERIOR STAIRS

MAX. RISE =200 (1) (*SEE OBC 9.8.-) =200 (7-7/8") =210 (8-1/4") =235 (4-1/4") =25 (1") =1950 (6'-5") MAX. RISE
MIN. RUN
MIN. TREAD
MAX. NOSING
MIN. HEADROOM (2'-|1") (2'-|0") (2'-|0") RAIL @ LANDING RAIL @ STAIR =900 =865 =860 TO 965 (3'-2")

FOR CURVED STAIRS MIN. AVG. RUN MIN. RUN = 200 (8")

RAILING (*SEE OBC 9.8.8.) FINISHED RAILING ON PICKETS SPACED MAXIMUM IOOMM (4") BETWEEN PICKETS.

INTERIOR GUARDS: EXTERIOR GUARDS:

12 SILL PLATE (*SEE OBC 9.23.6 & 9.23.7 38x89 (2"x4") SILL PLATE WITH 13mm (1/2") DIA. ANCHOR (*SEE OBC 9.23.6 & 9.23.7.) BOLTS 200mm (&") LONG, EMBEDDED MIN. IOOMM (4") INTO CONC. @ 2400mm (7"-10") o.c. CAULKING OR 25 (1") MIN. MINERAL WOOL BETWEEN PLATE AND TOP OF FOTN. WALL. USE MORTAR TO LEVEL SILL PLATE WHEN REQUIRED.

BASEMENT INSULATION FOUNDATION WALLS ENCLOSING HEATED SPACE SHALL BE INSULATED FROM THE UNDERSIDE OF THE SUBFLOOR TO NOT MORE THAN 152mm (6") ABOVE THE FINISHED FLOOR OF THE BASEMENT AND NOT LESS THAN 50mm (2") TO THE FOUNDATION WALL INSULATION SHALL BE MINIMUM RSI. 3.52 (R20) BLANKET INSULATION, APPROVED VAPOUR

14 BASEMENT BEARING STUD PARTITION

(*SEE OBC 9.23.10.)

38×89 (2"x4") STUDS @400mm (16") o.c. 38×89 (2"x4") SILL PLATE ON DAMPROOFING MATERIAL, I3mm (I/2") DIA.
ANCHOR BOLTS 200mm (6") LONG, EMBEDDED MIN. 100mm
(4") INTO CONC. @ 2400mm (7'-10") o.c. (4") HIGH CONC. CURB ON 305x155 (12"x6") CONC. FOOTING. ADD HORIZ. BLOCKING AT MID-HEIGHT IF WALL IS UNFINISHED.

15 STEEL BASEMENT COLUMN (* SEE OBC 9.17.3.) 90mm (3-1/2") DIA. x 4.78mm (188) STL. COL. WITH 150x150x9.5mm (6"x6"x3/8") STL. TOP & BOTTOM PLATE.

STEEL COLUMN (* SEE OBC 9.17.3.)

90mm (3-1/2") DIA. × 4.78mm (188) STL. COLUMN WITH

100x100x6.4mm (4"x4"x1/4") STEEL TOP & BOTTOM PLATE.

FIELD WELD BOTTOM PLATE TO 250x100x12.5mm (* SEE OBC 9.17.3.) (10"x4"x1/2") BASE PLATE C/N 2-13mm (1/2") DIA. x 300mm (12") LONG x 50mm (2") HOOK ANCHORS.

NIB WALLS (* SEE OBC 9.23.8.) BEAM POCKET OR 200x200 (8"x8") POURED CONCRETE NIB WALLS, MINIMUM BEARING 90mm (3-1/2")

STEEL BEAM STRAPPING (* SEE OBC 9.23.4.3.(3)(c)) (17) 1738 (1"x2") CONTINUOUS WOOD STRAPPING BOTH SIDES

(18)GARAGE SLAB (*SEE OBC 9.16.-) 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 1% MIN.

19 INTERIOR GARAGE WALLS & CEILING (*SEE OBC 9.10.9.16.)

13mm (1/2") GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND GARAGE, RSI 3.87 (R22) IN WALLS, RSI 5.46 (R3I) IN CEILING. TAPE AND SEAL ALL JOINTS GAS TIGHT.

GARAGE DOOR GASPROOFING

(*SEE OBC 9.10.13.15.)

DOOR AND FRAME GASPROOFING. DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHER STRIPPING.

(21) EXTERIOR STEP

(*SEE OBC 9.8.9.2, 9.8.9.3 & 9.8.10.) PRECAST CONCRETE STEP OR W.D. STEP WHERE NOT EXPOSED TO WEATHER MAX. RISE 200mm (7-7/8"); MINIMUM TREAD 250mm (9-1/2")

DRYER VENT (*SEE DBC 6.2.3.8.(7))
CAPPED DRYER EXHAUST VENTED TO EXTERIOR. USE 1000mm (4") DIA. SMOOTH WALL VENT PIPE.

ATTIC ACCESS (*SEE OBC 9.19.2.) ATTIC ACCESS HATCH 545x700 (22"x28") WITH WEATHERSTRIPPING. RSI 5.46 (R3I) RIGID INSULATION

FIREPLACE CHIMNEYS TOP OF FIREPLACE CHIMNEY SHALL BE 915mm (3-0")
ABOVE THE HIGHEST POINT AT WHICH IT COMES IN
CONTACT WITH THE ROOF AND 610mm (2'-0") ABOVE THE ROOF SURFACE WITHIN A HORIZ. DISTANCE OF 3050m (10'-0") FROM THE CHIMNEY.

LINEN CLOSET

25 4 SHELVES MIN. 350mm (14") DEEP.

26 MECHANICAL EXHAUST

(*SEE OBC 9.32.3.5, 9.32.3.10.) MECHANICAL EXHAUST FAN VENTED TO EXTERIOR

27 STEEL BEARING PLATE FOR MASONRY WALLS 280×280×16 (II"XII"×5/8") STL. PLATE FOR STL BEAMS AND 280×280×12 (II"XII"X/2") STL. PLATE FOR MOOD BEAMS BEARING ON CONC. BLOCK PARTYWALL, ANCHORED W 2-19mm (8/4") x200mm (8") LONG GALV. ANCHORS WITHIN SOLID BLOCK COURSE. LEVEL WITH NON-SHRINK GROUT.

ZB CLASS "B" VENT

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.

WOOD BASEMENT POST (*OBC 9.17.4.) 3-38×140 (3-2"×6") BUILT-UP POST ON METAL BASE SHOE ANCHORED TO CONC. WITH 12.7 (1/2") DIA. BOLT ON 406×406×203 (16"×16"×6") CONC. FOOTING.

STEP FOOTINGS (*OBC 9.15 MIN. HORIZ. STEP = 610mm (24"). MAX. VERT. STEP = (*OBC 9.15.3.9.)

31 SLAB ON GRADE (*SEE OBC 9.16.-) 100mm (4") 32MPa (46400si) CONC. SI AB WITH 5-8% AIR ENTRAINMENT ON OPT. 100 (4") COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL. REINFORCED W/ 6x6-W2.9xW2.9 MESH PLACED NEAR MID-DEPTH OF SLAB.

DIRECT VENT FURNACE
DIRECT VENT FURNACE TERMINAL MIN. 900mm (36") FROM A GAS REGULATOR. MIN 300mm (12") ABOVE FIN. GRADE, FROM ALL OPENINGS, EXHAUST & INTAKE VENTS. HRV INTAKE TO BE A MIN. OF 1830mm (6'-0") FROM ALL EXHAUST TERMINALS. REFER TO GAS UTILIZATION CODE. ALL AIR INTAKES SHALL BE LOCATED SO THAT THEY ARE SEPARATED FROM KITCHEN EXHAUST BY 3.0m IN COMPLIANCE WITH O.B.C. DIV.-B TABLE 6.2.3.12..

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

JOIST STRAPPING & BRIDGING (*SEE OBC 23.9.4.) ALL FLOOR JOISTS TO BE BRIDGED WITH 38x38 (2"x2") CROSS BRACING OR SOLID BLOCKING @2100mm (6'-11") O.C. MAX. 19x64 (1"x3") @2100mm (6'-11") O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED.

EXPOSED BUILDING FACE (* SEE OBC 9.10.15.) (35) EXTERIOR WALLS TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45min, WHERE LIMITING DISTANCE IS LESS THAN I.2M (3'-II") WHERE THE LIMITING DISTANCE IS LESS THAN 600mm (I'-II") THE EXPOSING FACE SHALL BE CLAD IN NON-COMBUSTABLE MATERIAL.

COLD CELLAR PORCH SLAB (* SEE OBC 9.40.)
FOR MAX. 2500mm (6'-2") PORCH DEPTH, 125mm (5") 32Mpa (4640 psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT REINF. MITH IOM BARS @200mm (6") o.c. EACH WAY IN BOTTOM THIRD OF SLAB, ANCHORED IN PERIMETER FDTN. WALLS W 610x610 (24"x24") IOM @600mm (24") o.c. DOWELS. SLOPE SLAB MIN. I.0% FROM DOOR. SLAB TO HAVE A MIN. 75mm (3") BEARING ON FOTN. WALLS. PROVIDE (WLI) LINTELS OVER CELLAR DOOR.

SCALE

37) FDTN. WALL REDUCTION IN THICKNESS

(*SEE OBC 9.15.4.7.)

FDTN. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2") THICK TO A MAX. DEPTH OF 660mm (26") FOR 8" FDTN. WALL. IO" FDTN. WALL WHEN REDUCTION IN THICNESS IS GREATER THAN 26". FDTN. WALL 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

38)CONVENTIONAL ROOF FRAMING

(*SEE OBC 9.23.4.2.(1))

FOR MAX. 2240mm (7'-4") SPAN, 38x89 (2"x4") RAFTERS @400mm (16") o.c.. FOR MAX. 3530mm (11'-7") SPAN, 38x140 (2"x6") RAFTERS @400mm (16") o.c.. RIDGE BOARD TO BE 51mm (2") DEEPER. 38x34 (2"x4") COLLAR TIES AT MIDSPANS. CEILING JOISTS TO BE 38x84 (2"x4") @400mm (16") o.c. FOR MAX. 2830mm (4'-3") SPAN & 38x|40 (2"x6") @ 400 (16") o.c. FOR MAX. 4450mm (14'-T") SPAN. RAFTERS FOR BUILT-UP ROOF TO BE 38x89 (2"x4") @600mm (24") o.c. WITH A 38x89 (2"x4") CENTER POST TO THE TRUSS BELOW, LATERALLY BRACED @1800mm (6'-0") o.c. VERTICALLY.

39 TWO STOREY VOLUME SPACES

(9.10.19.3.(3)).

FOR A MAXIMUM 5490mm (18'-0") HEIGHT, PROVIDE 2-38×140 (2-2"x6") CONTINUOUS STUDS @300mm (12") o.c. FOR BRICK AND 400mm (16") a.c. FOR SIDING. PROVIDE SOLID WOOD BLOCKING BETWEEN STUDS @1220mm (4'-0")
o.c. VERT. 7/16" EXT. PLYWOOD.

EXPOSED FLOOR TO EXTERIOR (*5812 - 2.1.1.2.A)
PROVIDE RSI 5.46 (R3I) INSULATION, APPROVED VAPOUR
BARRIER AND CONTINUOUS AIR BARRIER, FINISHED

PARTYWALLS 41) TYPICAL I HOUR RATED PARTYWALL. REFER TO DETAILS FOR TYPE AND SPECIFICATIONS.

EXTERIOR WALLS FOR WALK-OUT CONDITION THE EXTERIOR BASEMENT STUD WALL TO BE 38XI40mm (2"x6") STUDS @400mm (16") o.c. MATCH FLOOR JOIST SPACING WHEN PARALEL WITH FLOOR JOISTS.

43 SMOKE ALARM • (*OBC 9.10.19) PROVIDE I PER FLOOR, NEAR THE STAIRS CONNECTING THE FLOOR LEVEL AND ALSO I IN EACH BEDROOM NEAR HALL DOOR. ALARMS TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCONNECTED TO ACTIVATE ALL ALARMS IF ONE SOUNDS, BATTERY BACK-UP REQUIRED, SMOKE ALARMS TO INCORPORATE VISUAL SIGNALLING COMPONENT.

CARBON MONOXIDE ALARM (*OBC 9.33.4.) WHERE A FUEL-BURNING APPLIANCE IS INSTALLED IN A DWELLING UNIT. A BARBON 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 IT IS 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 (*DBC 9.13.4.) PROVIDE CONSTRUCTION TO PREVENT LEAKAGE OF SOIL GAS INTO THE BUILDING AS REQUIRED

PROJECT NAME

2012 CODE COMPLIANCE PACKAGE "A1"

JUL 30, 2018 ISSUED FOR PERMIT **REVISIONS**

The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirement out in the Ontario Building Code to be a designer.

NAME

QUALIFICATION INFORMATION 3.2.5 of the building code 28770 VIKAS GAJJAR

REGION DESIGN INC 8700 DUFFERIN ST CONCORD, ONTARIO L4K 4S6

P (416) 736-409 F (905) 660-074



GENERAL NOTES

N.T.S.

MAY 2023

CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.

***Greenpark**..

ZADORRA

CANADA ZONE C

(1) MINIMUM BEDROOM WINDOW (*OBC 9.9.10.1.) AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR IS TO HAVE MIN. 0.35m2 (3.8 SQ.FT.) UNOBSTRUCTED GLAZED OPENABLE AREA WITH MIN. CLEAR WIDTH OF 380mm (I'-3") GLASS AREA NOT MORE THAN 17% OF GROSS PERIPHERAL WALL AREA. MAXIMUM U-VALUE 0.28

(*OBC 9.8.8.1(6)) (2) WINDOW GUARDS A GUARD IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED LESS THAN 480mm (1-6") ABOVE FIN. FLOOR AND THE DISTANCE FROM THE FIN. FLOOR TO THE

ADJACENT GRADE IS GREATER THAN 1800mm (5'-11")

GENERAL:

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

(2) OUTDOOR AIR INTAKE ● ALL OUTDOOR AIR INTAKES SHALL BE LOCATED SO THAT THEY ARE SEPARATED FROM SOURCES OF CONTAMINATION (EXHAUST VENTS) IN COMPLIANCE WITH O.B.C. DIV.-B 6.2.3.12. AND TABLE 6.2.3.12.

(3) RAINFORCEMENT FOR GRAB BARS (*OBC 9.5.2.3.) ● RAINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATER CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM. REFER TO O.B.C. 9.5.2.3, 3.8.3.8.(3)(a), 3.8.3.8.(3)(c), 3.8.3.13.(2)(g) \$ 3.8.3.13.(4)(e). SEE DETAIL ON PAGE II.

LUMBER:

I.)ALL LUMBER SHALL BE SPRUCE-PINE-FIR No.1\$2 GRADE, UNLESS NOTED OTHERWISE.

2.) LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE-PINE-FIR No.1 & 2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.

3.) ALL BEAMS, GIRDER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED & CERTIFIED BY TRUSS MANUFACTURER.

4.)LVL BEAMS SHALL BE 2.0E (Fb=2800psi MIN.). NAIL EACH PLY OF LVL WITH 89mm (3-1/2") LONG COMMON WIRE NAILS @300mm (12") o.c. STAGGERED IN 2 ROWS MIRE NAILS @SCOMM (12 / 02. 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 1/2" (13mm) DIA. GALVANIZED BOLTS BOLTED AT MID-DEPTH OF BEAM @ 915mm

5.) PROVIDE TOP MOUNT BEAM HANGERS FOR ALL LVL BEAM TO BEAM CONNECTIONS UNLESS NOTED OTHERWISE.

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

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

STRUCTURAL STEEL AND HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO CAN/CSA-G40-21 GRADE 350W.

REINFORCING STEEL SHALL CONFORM TO CSA-630-18M GRADE 400R.

REVISION:

• ONT. REG. 332/12-2012 OBC AMENDMENT O. REG. 88/19 JAN. 01, 2020

VIKAS GAJJAR

NAME

STABILITY OF NARROW (20'-25')

& TALL (±30) Houses

BUILDER TO PROVIDE SUFFICIENT TEMPORARY BRACING TO RESIST WIND LOADING WHEN UNDER CONSTRUCTION. FURTHER RECOMMENDATIONS:

I.) REDUCE THE FOUNDATION WALL SILL PLATE ANCHOR BOLT SPACING FROM 2400mm o.c. (1'-10") TO 1220mm o.c. (4'-0") FOR STANDARD CONDITIONS.

2.)USE 9.5mm (3/8") THICK PLYWOOD OR WAFERBOARD FOR THE EXTERIOR WALL SHEATHING.

3.) TO STIFFEN THE STRUCTURE IN TRANSVERSE DIRECTION USE 9.5mm (3/8") THICK PLYWOOD NAILED TO THE INTERIOR PARTITIONS ON EACH FLOOR FOR A MINIMUM 2 INTERIOR PARTITION WALLS ON BOTH SIDES AND PERPENDICULAR TO THE LONG WALLS.

BRICK VENEER LINTELS

 $\overline{\text{MLI}}$ = 3-1/2"x3-1/2"x1/4"L (40x40x6.0L) + 2-2"x8" SPR. No.2 WL2 = 4"x3-1/2"x5/16"L (100x40x8.0L) + 2-2"x8" SPR. No.2 WL3 = 5"x3-1/2"x5/16"L(125x90x8.0L) + 2-2"x10" SPR. No.2ML3 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 2-2"x10" 5PR. No.2

ML4 = 6"x3-1/2"x3/8"L (150x90x10.0L) + 2-2"x12" 5PR. No.2

ML5 = 6"x4"x3/8"L (150x100x10.0L) + 2-2"x12" 5PR. No.2

ML6 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 2-2"x12" 5PR. No.2

ML7 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 3-2"x12" 5PR. No.2

ML8 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 3-2"x12" 5PR. No.2 WL9 = 6"x4"x3/8"L (150x100x10.0L) + 3-2"x12" SPR. No.2

WOOD LINTELS AND BEAMS

MBI = 2-2"x8" SPR. No.2 (2-38xl84 SPR. No.2) MB2 = 3-2"x8" SPR. No.2 (3-38xl84 SPR. No.2) MB3 = 2-2"x10" SPR. No.2 (2-38x235 SPR. No.2) MB4 = 3-2"x10" SPR. No.2 (3-38x235 SPR. No.2) MB5 = 2-2"x12" SPR. No.2 (2-36x266 SPR. No.2) MB6 = 3-2"x12" SPR. No.2 (3-36x266 SPR. No.2) MB7 = 5-2"x12" SPR. No.2 (5-36x266 SPR. No.2) MB1 = 4-2"x10" SPR. No.2 (4-38x235 SPR. No.2) MB12= 4-2"x12" SPR. No.2 (4-38x286 SPR. No.2)

LOOSE STEEL LINTELS

LI = 3-1/2"x3-1/2"x1/4"L (90x90x6.0L)L2 = 4"x3-1/2"x5/16"L(100x90x8.0L)L2 = 4 x5-1/2 x5/16 L (100x40x8.0L) L3 = 5"x3-1/2"x5/16"L (125x40x8.0L) L4 = 6"x3-1/2"x3/8"L (150x40x10.0L) L5 = 6"x4"x3/8"L (150x100x10.0L) L6 = 7"x4"x3/8"L (175x100x10.0L)

LAMINATED VENEER LUMBER (LVL) BEAMS

LAMINATED VENEER LUMBER (LVI

LVLIA = I-I 3/4" × T 1/4" (I-45×184)

LVL2 = 3-I 3/4" × T 1/4" (2-45×184)

LVL3 = 4-I 3/4" × T 1/4" (3-45×184)

LVL4A = I-I 3/4" × T 1/4" (4-45×184)

LVL4A = I-I 3/4" × 9 1/2" (I-45×240)

LVL5 = 3-I 3/4" × 9 1/2" (3-45×240)

LVL5 = 3-I 3/4" × 9 1/2" (3-45×240)

LVL5A = 4-I 3/4" × 1 1/8" (1-45×300)

LVL6A = I-I 3/4" × II 7/8" (3-45×300)

LVL7 = 3-I 3/4" × II 7/8" (3-45×300)

LVL7 = 4-I 3/4" × II 7/8" (4-45×300)

LVLA = 4-I 3/4" × II 7/8" (4-45×300)

LVLA = 2-I 3/4" × II 7/8" (4-45×300) LVL9 = 2-1 3/4" x 14" (2-45x356) LVL9 = 3-1 3/4" x 14" (3-45x356) LVL10 = 2-1 3/4" x 18" (2-45x456)

GLUE LAMINATED LUMBER BEAMS

GLUI = 3 1/8" x 11 7/8" (80x300) GLU2 = 5 1/8" x 11 7/8" (130x300)

Door Schedule

| = 2'-|0" x 6'-8" (865x2033) - INSULATED ENTRANCE DOOR | a = 2'-8" x 6'-8" (815x2033) - INSULATED FRONT DOORS | 2 = 2'-8" x 6'-8" (815x2033) - WOOD \$ GLASS DOOR $2 = 2 - 0^{\circ} \times 6 - 0^{\circ}$ (bidx2033) - MOUD 4) GLASS DOUR 3 = 2'-8" × 6'-8 × 1-3/4" (815×2033×45) - EXTERIOR SLAB DOOR 4 = 2'-8" × 6'-8" × 1-3/8" (815×2033×35) - INTERIOR SLAB DOOR 5 = 2'-6" × 6'-8" × 1-3/6" (160×2033×35) - INTERIOR SLAB DOOR 6 = 2'-2" × 6'-8" × 1-3/8" (660×2033×35) - INTERIOR SLAB DOOR 7 = 1'-6" × 6'-8" × 1-3/8" (460×2033×35) - INTERIOR SLAB DOOR

LEGEND

DJ DOUBLE JOIST LT TRIPLE JOIST

GT GIRDER TRUSS POINT LOAD

> SOLID WOOD BEARING. SOLID BEARING TO BE WIDE AT LEAST AS SUPPORTED MEMBER. MIN. 3 PIECES.

LOAD-BEARING WALL

TWO-STOREY WALL. SEE NOTE (39)

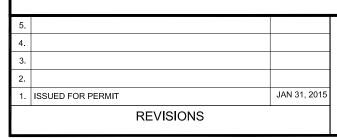
TE FLAT ARCH

F.D. FLOOR DRAIN

5A **@** SMOKE ALARM. SEE NOTE

SMOKE ALARM & CARBON MONOXIDE ALARM. SEE NOTE

2012 CODE **COMPLIANCE PACKAGE "A1"**



STRUDET INC.

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뎵 B. MARINKOVIC

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FOR STRUCTURE ONLY

The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirem out in the Ontario Building Code to be a designer.

QUALIFICATION INFORMATION Required unless design is exempt u

Division C, Subsection 3.2.5 of the building code 28770 REGION DESIGN INC. 8700 DUFFERIN ST. EG CONCORD, ONTARIO **ESI** L4K 4S6 P (416) 736-4096 F (905) 660-0746

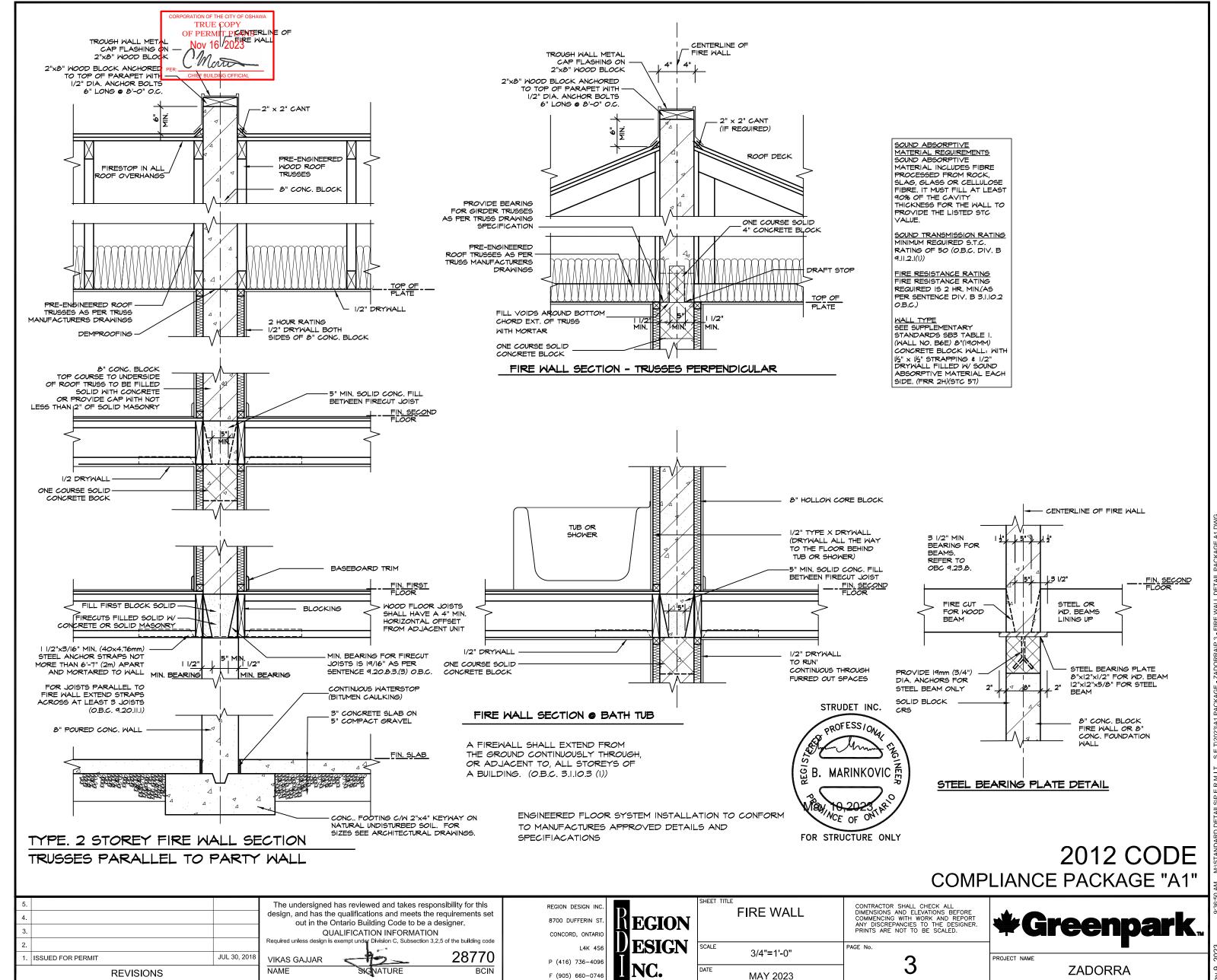
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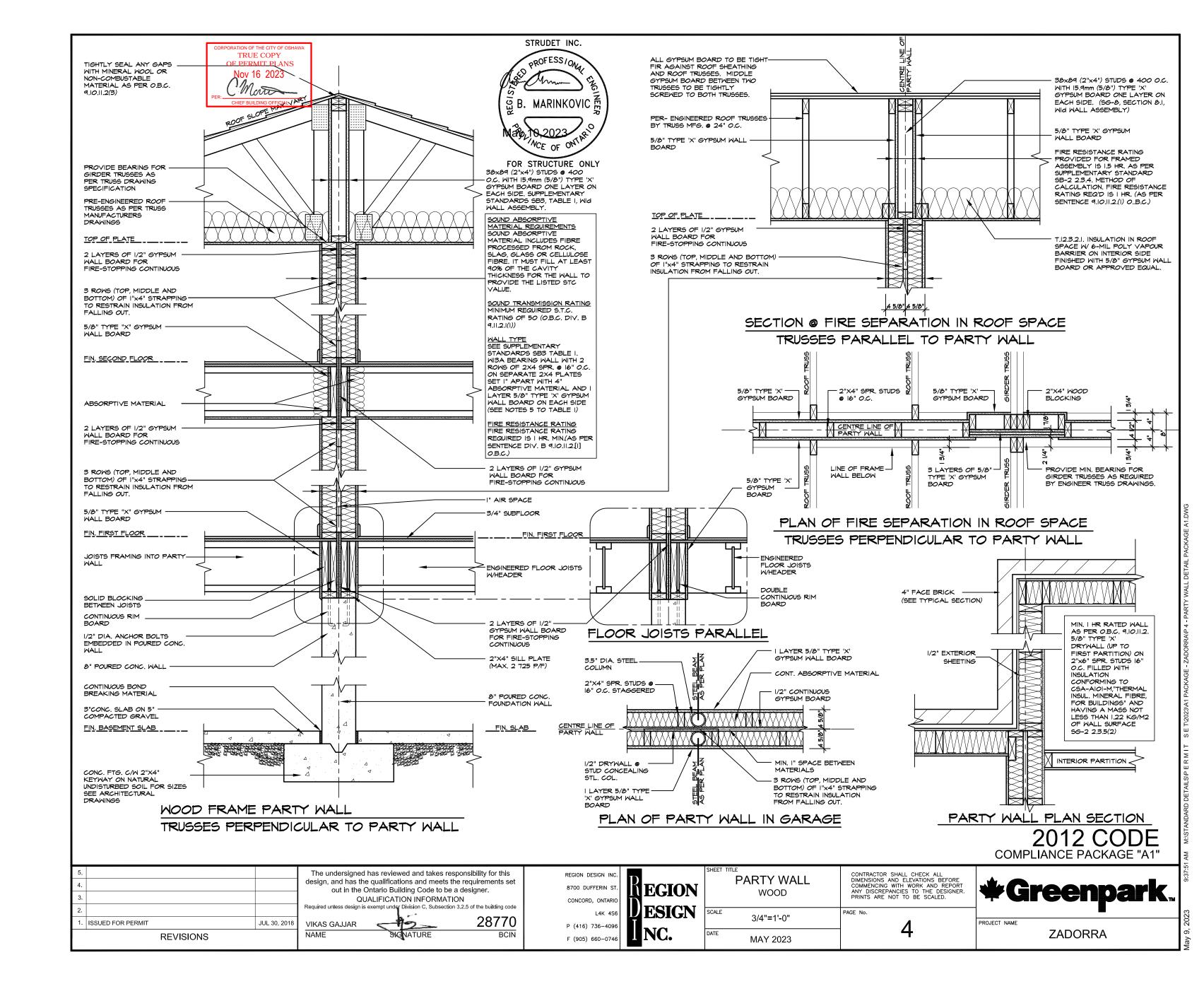
MAY 2023

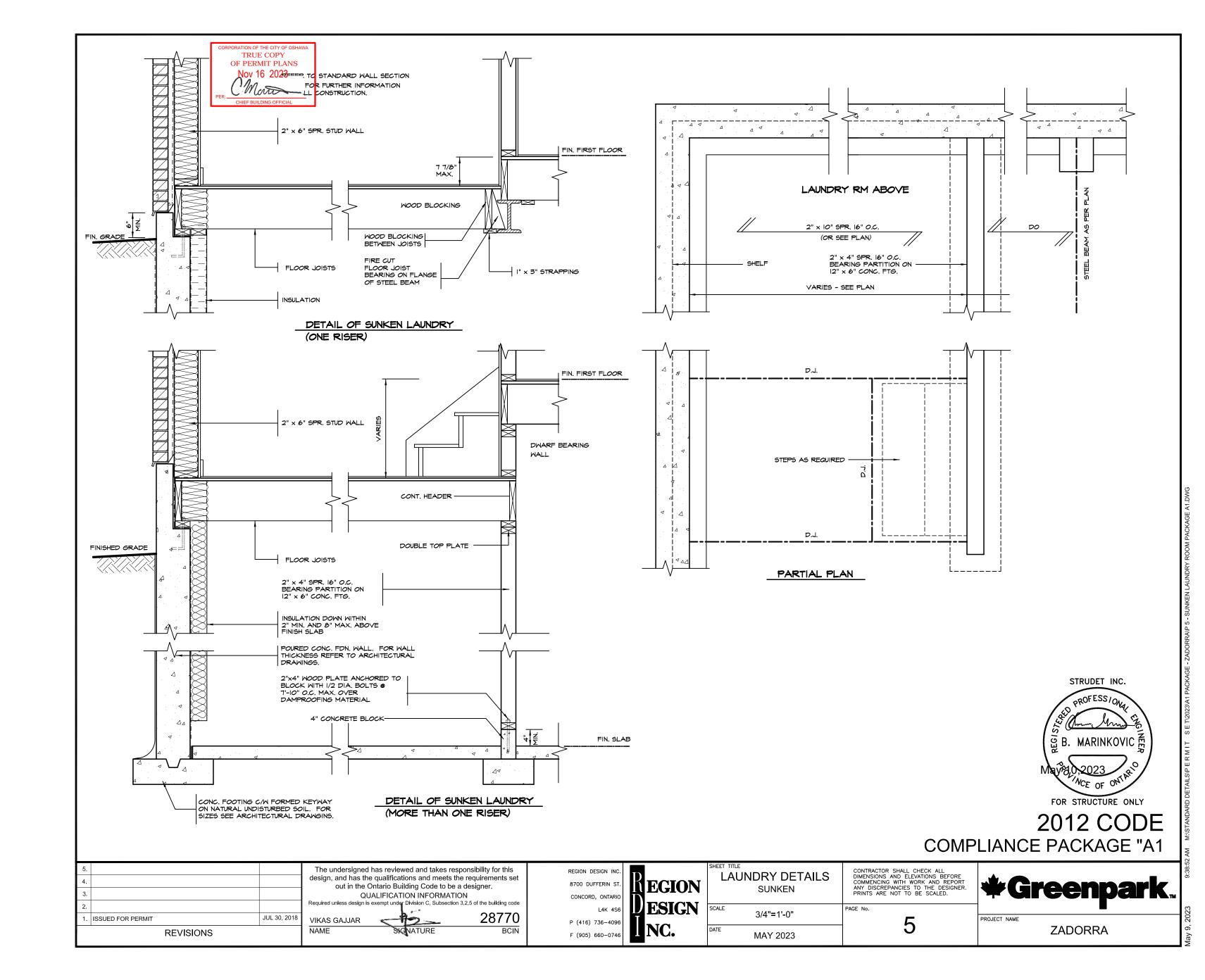
	OCIVII	<u> </u>
SHEET TITLE GENERAL NOTES	CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.	4
N.T.S.	PAGE No.	PROJEC
DATE MAY 2022	Z	

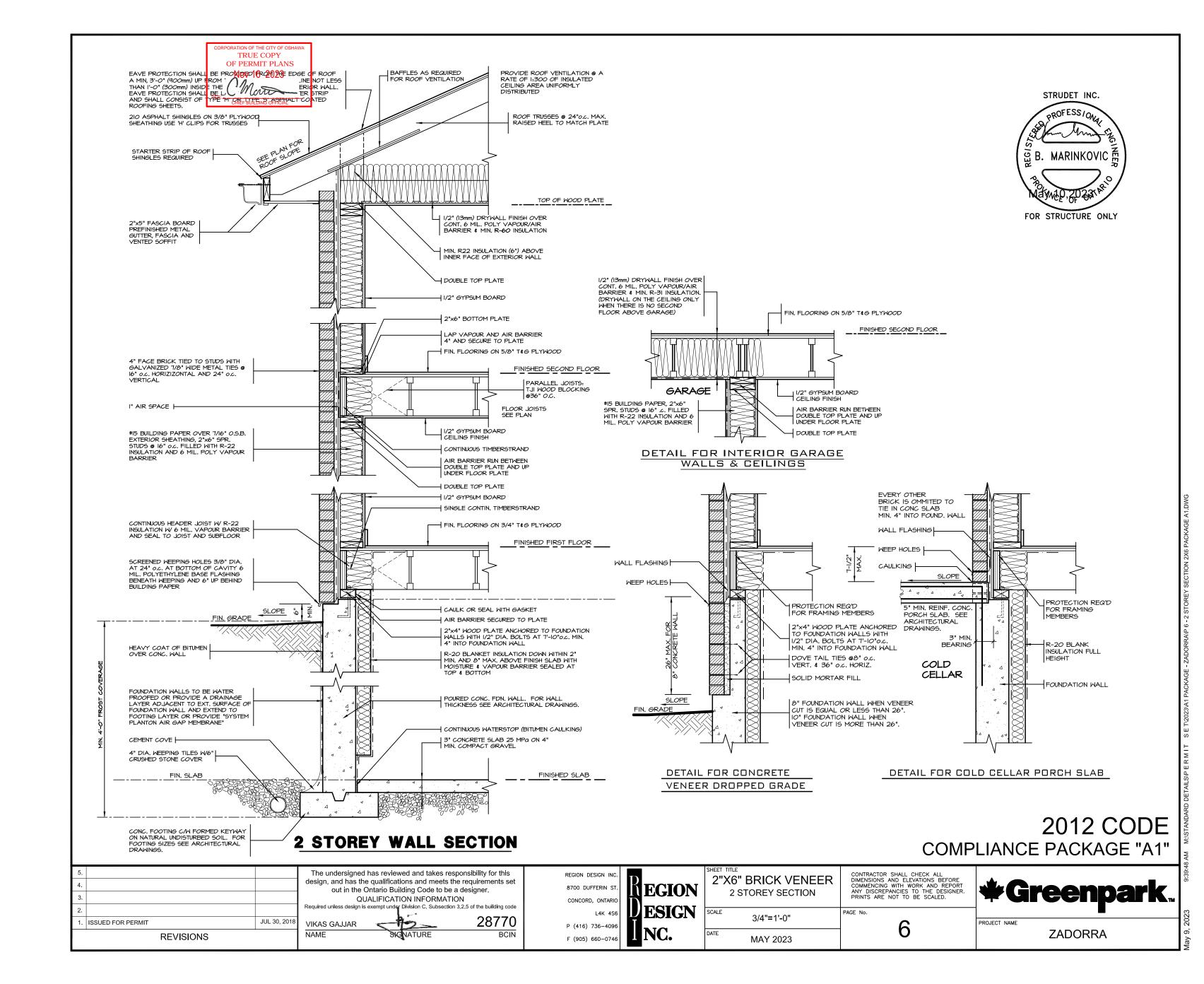
Greenpark ECT NAME

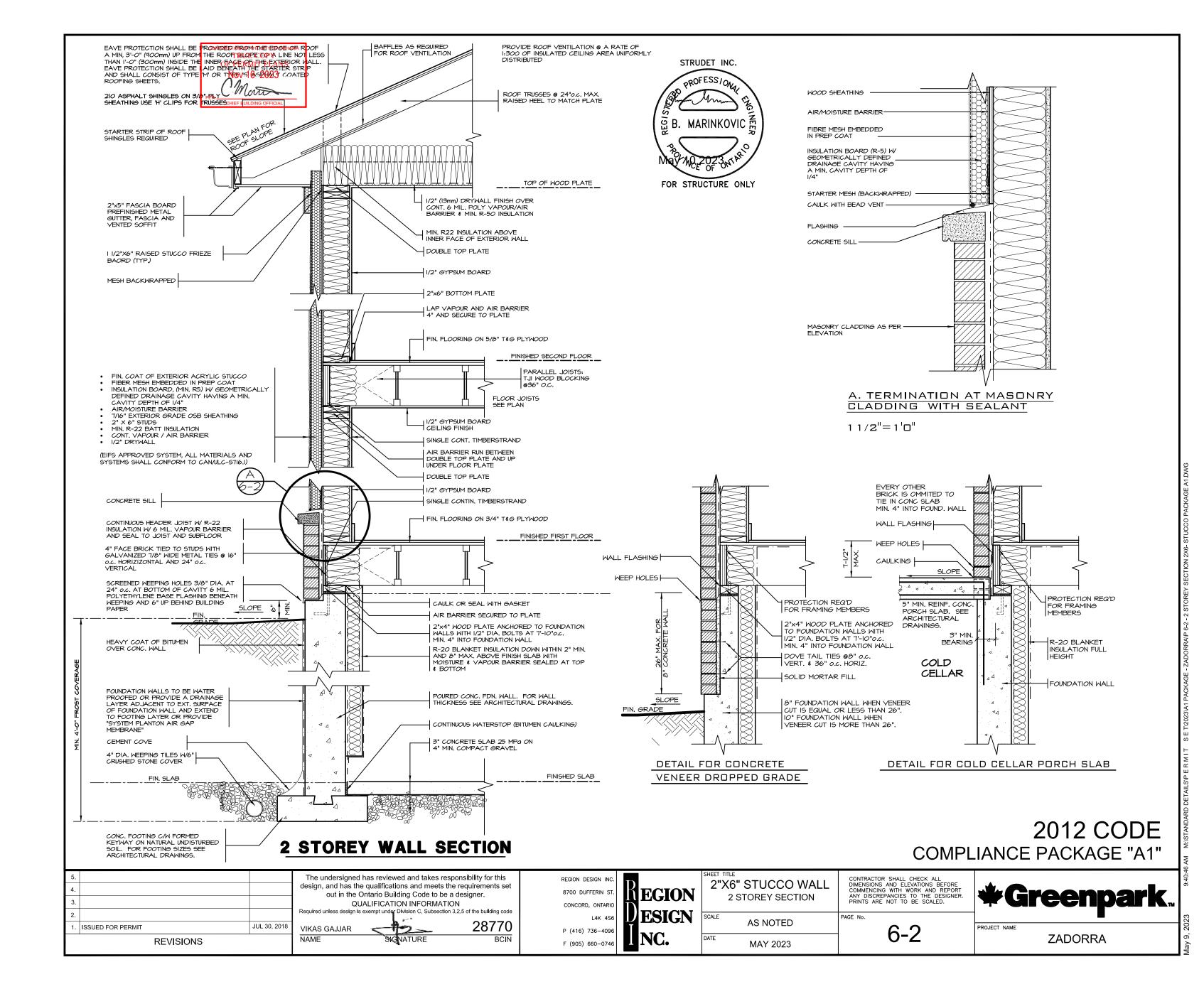
ZADORRA

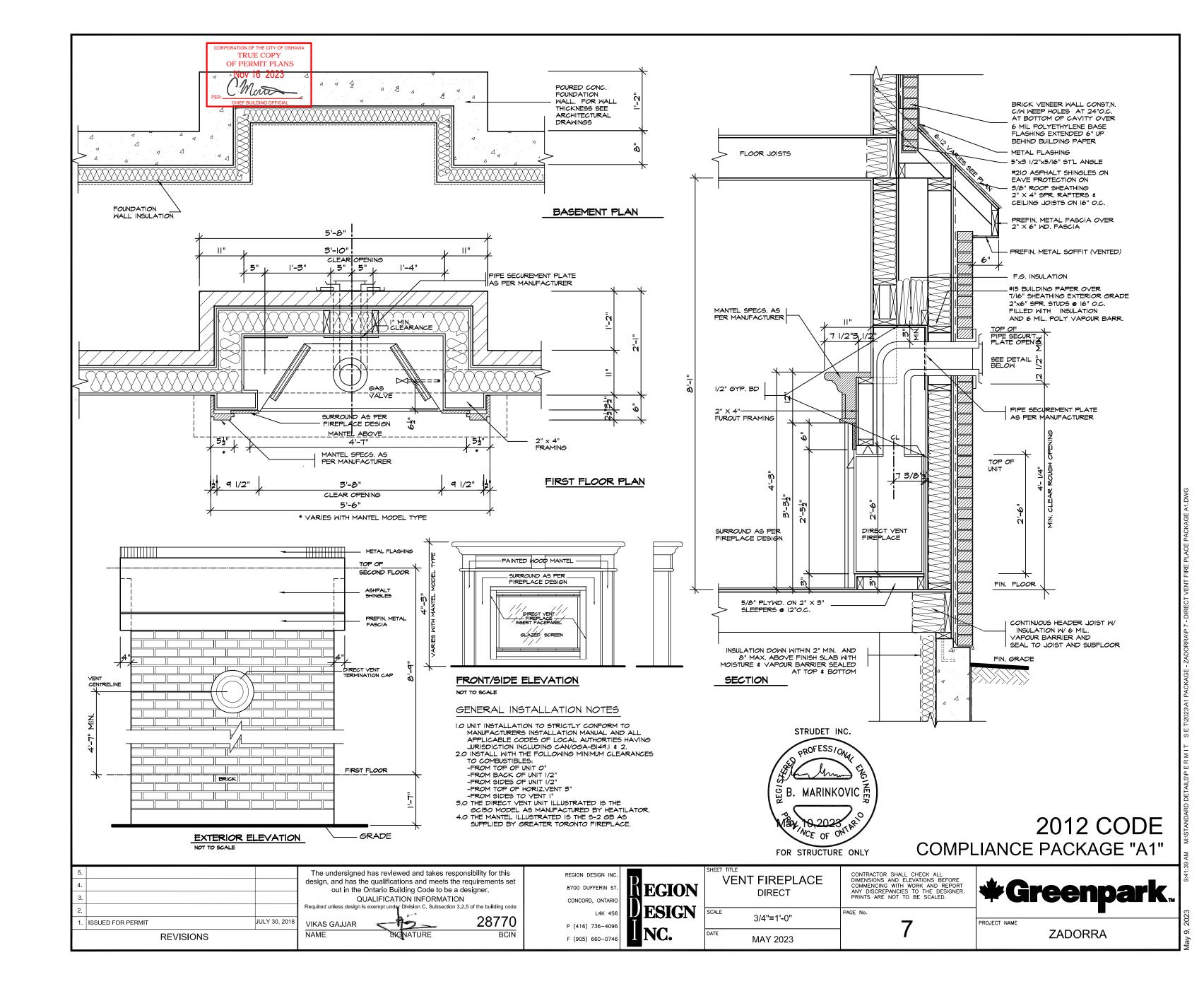


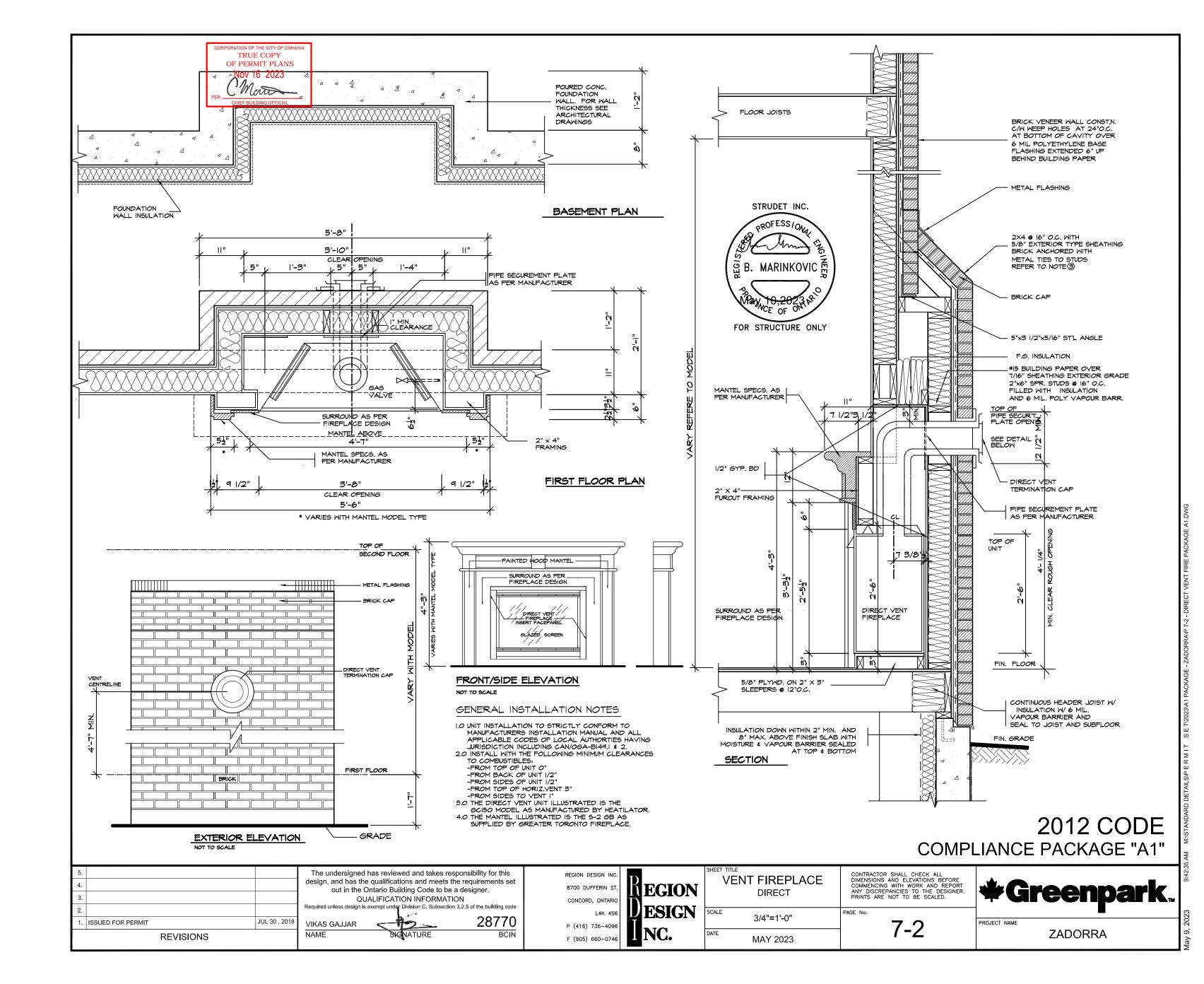


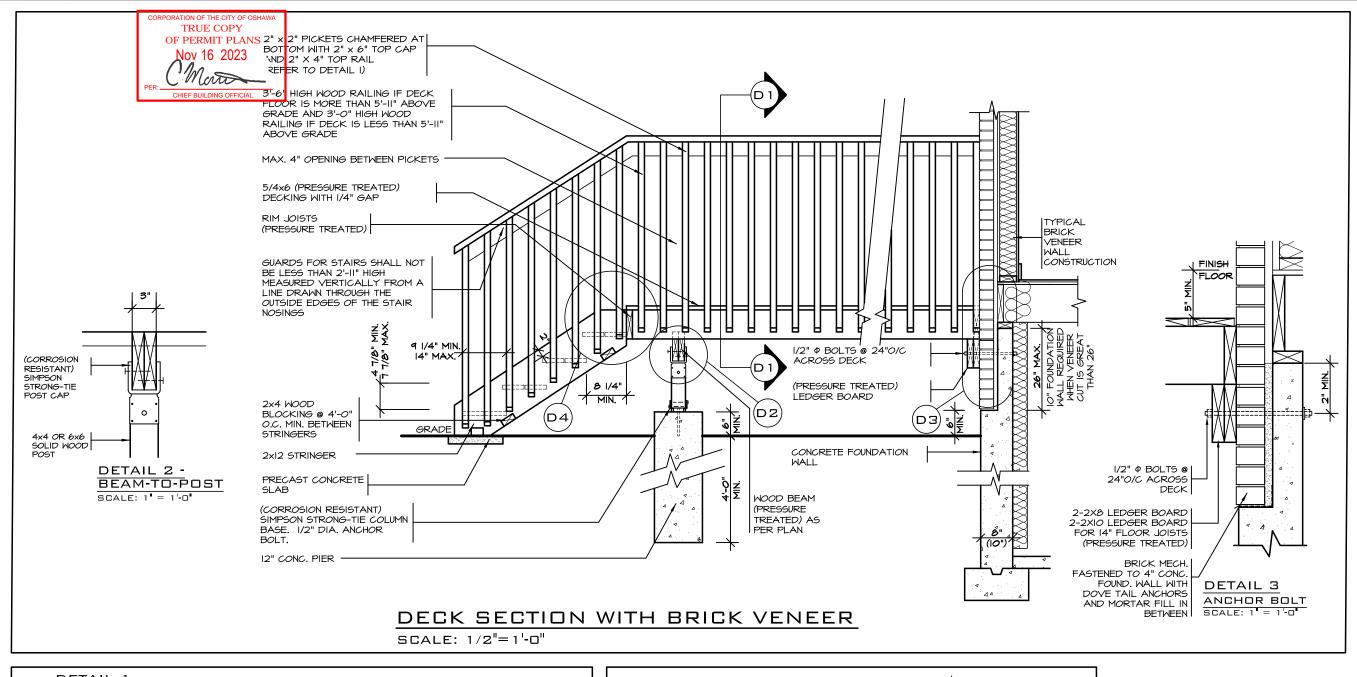


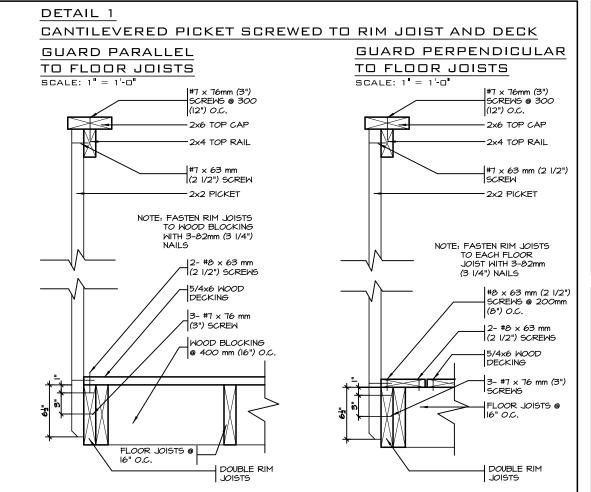


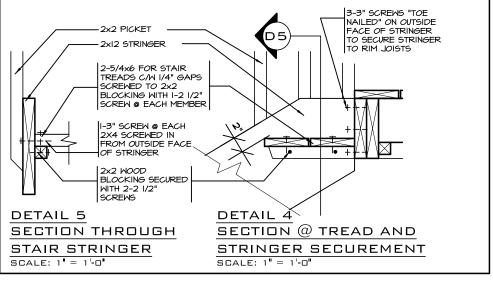












GENERAL NOTES

- I. BRICK TO BE COMPRESSIVE STRENGTH OF 15mPa (2200 p.s.I.) MIN. UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS.
- 2. MORTAR TO BE TYPE S WITH JOINT THICKNESS OF IOmm (3 /8") MIN. AND 20mm (3 /4") MAX.
- ALL NAILS AND SCREWS TO BE GALVANIZED.
- WOOD FOR CANTILEVERED PICKETS PICKETS SHALL BE DOUGLAS FIR-LARCH,
- SPRUCE-PINE-FIR, OR HEM-FIR SPECIES.
- 5. THE DECK HAS BEEN DESIGNED TO SAFELY SUPPORT A SUPERIMPOSED LOAD OF 1.9kPa [40psf].
- CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 20MPa AT 28 DAYS AND 5-8%
- AIR ENTRAINED.
- 7. FOOTING TO BE PLACED ON UNDISTURBED SOIL WITH MIN. BEARING PRESSURE OF 150kPa [3130psf].



STRUDET INC.

COMPLIANCE PACKAGE "A1"

					38
5.	The undersigned has reviewed and takes responsibility for this	REGION DESIGN INC.	SHEET TITLE	CONTRACTOR SHALL CHECK ALL	·
4.	design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.	8700 DUFFERIN ST. CONCORD, ONTARIO L4K 4S6 CONCORD, ONTARIO L4K 4S6	. WOOD DECK DETAIL	DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER.	*Greenpark
3.	QUALIFICATION INFORMATION	CONCORD, ONTARIO	DECK DETAIL	PRINTS ARE NOT TO BE SCALED.	T GI CCI Pai R.
2.	Required unless design is exempt under Division C, Subsection 3.2.5 of the building code	L4K 4S6 UESICN	SCALE BY	AREA PAGE No.	■
1. REVISED FOR STARTIME NOV 16	vikas gajjar 28770	P (416) 736-4006	AS SHOWN	Q	PROJECT NAME
REVISIONS	NAME SIGNATURE BCIN	F (905) 660-0746 LINC.	MAY 2023	PROJECT O 0-00-00	ZADORRA
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AM MASTANDARD DETAILS/PERMIT SET/2023/A1 PACKAGE - ZADORRA/P8 - DECK DETAIL PA

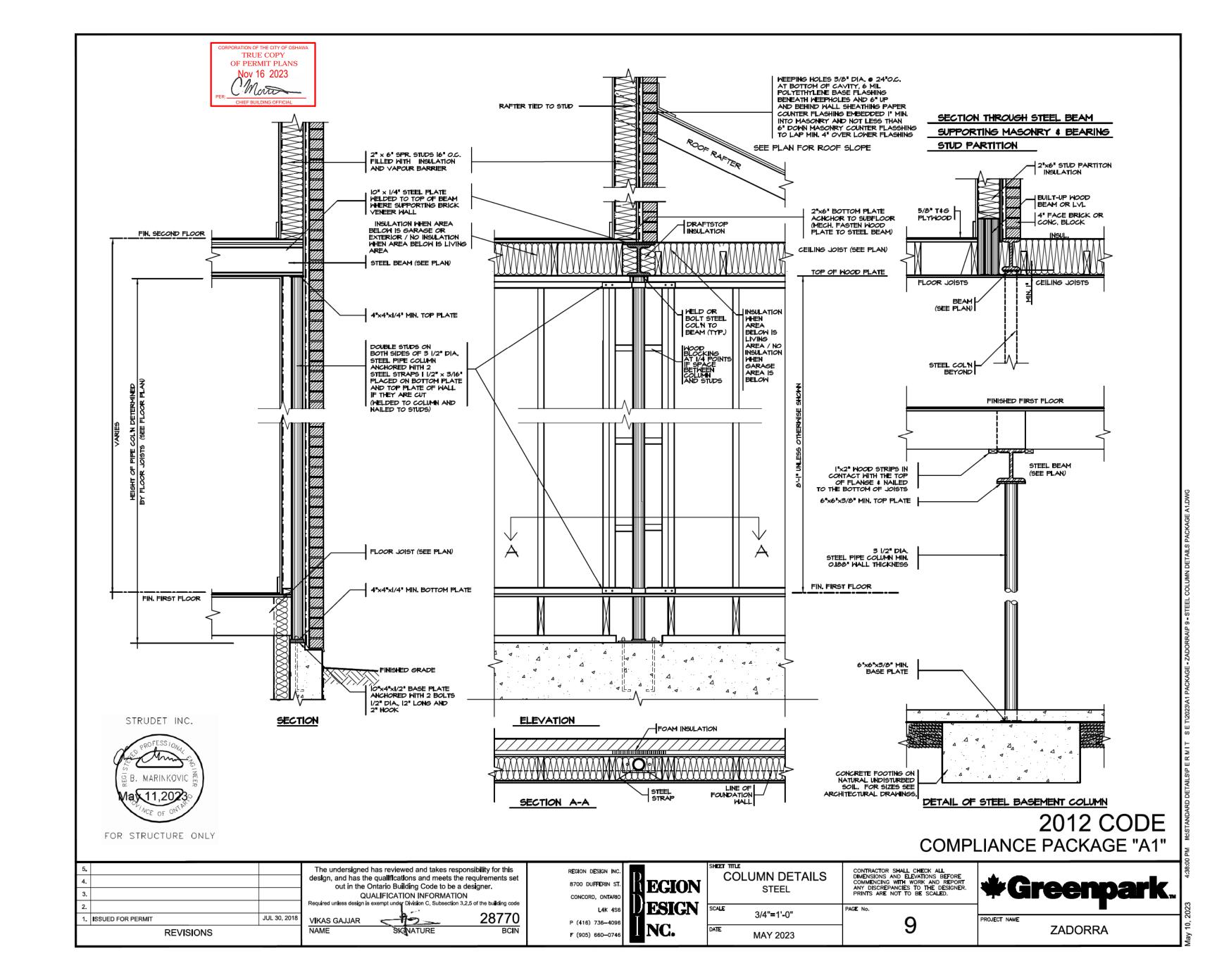
PORATION OF THE CITY OF OSHAWA
TRUE CAYA PICKETS CHAMFERED AT
OF PERMITS TOM WITH 2x6 TOP CAP AND
OF PERMITS TOP RAIL

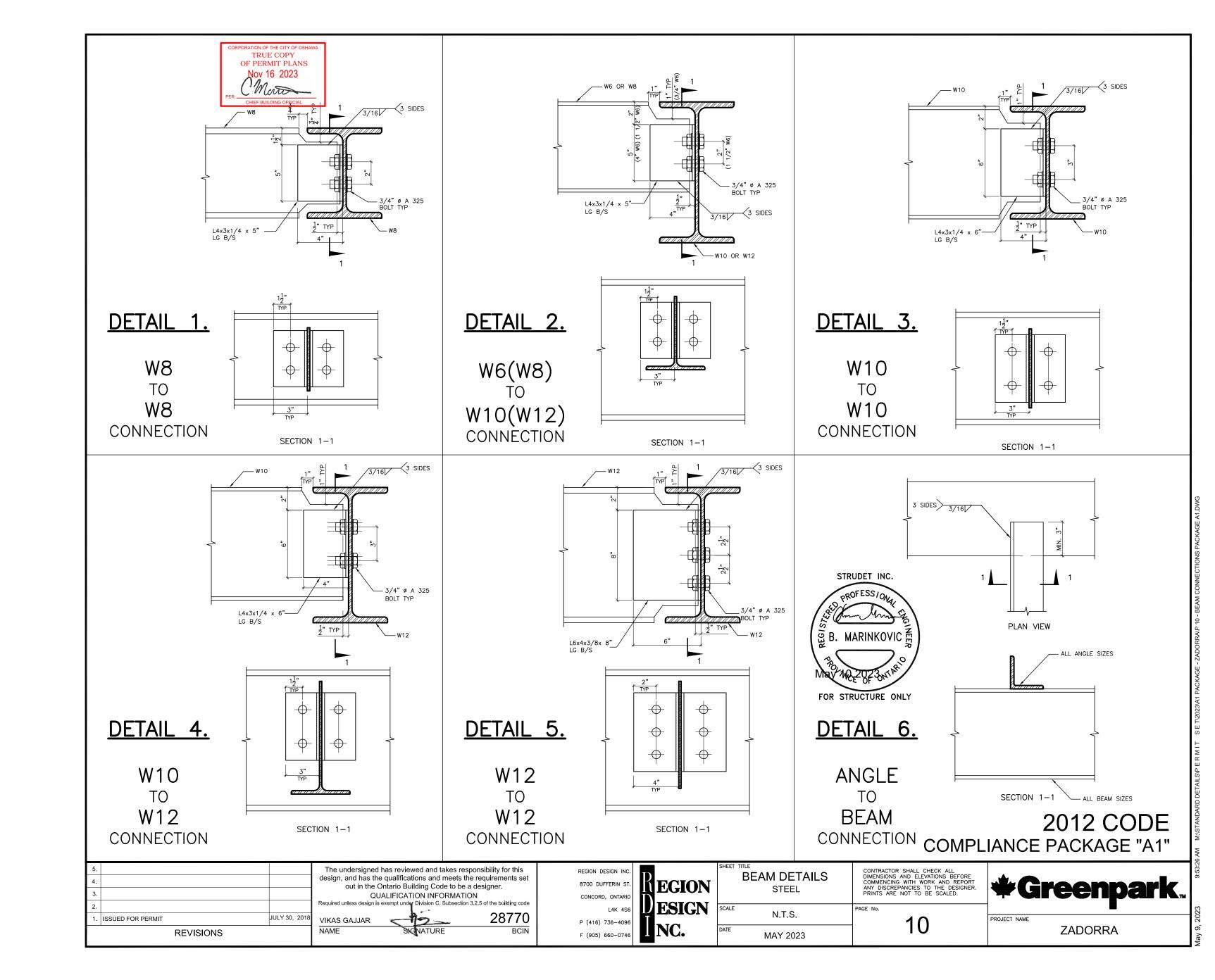
HIGH WOOD RAILING IF DECK IS LESS THAN 5'-II" ABOVE GRADE

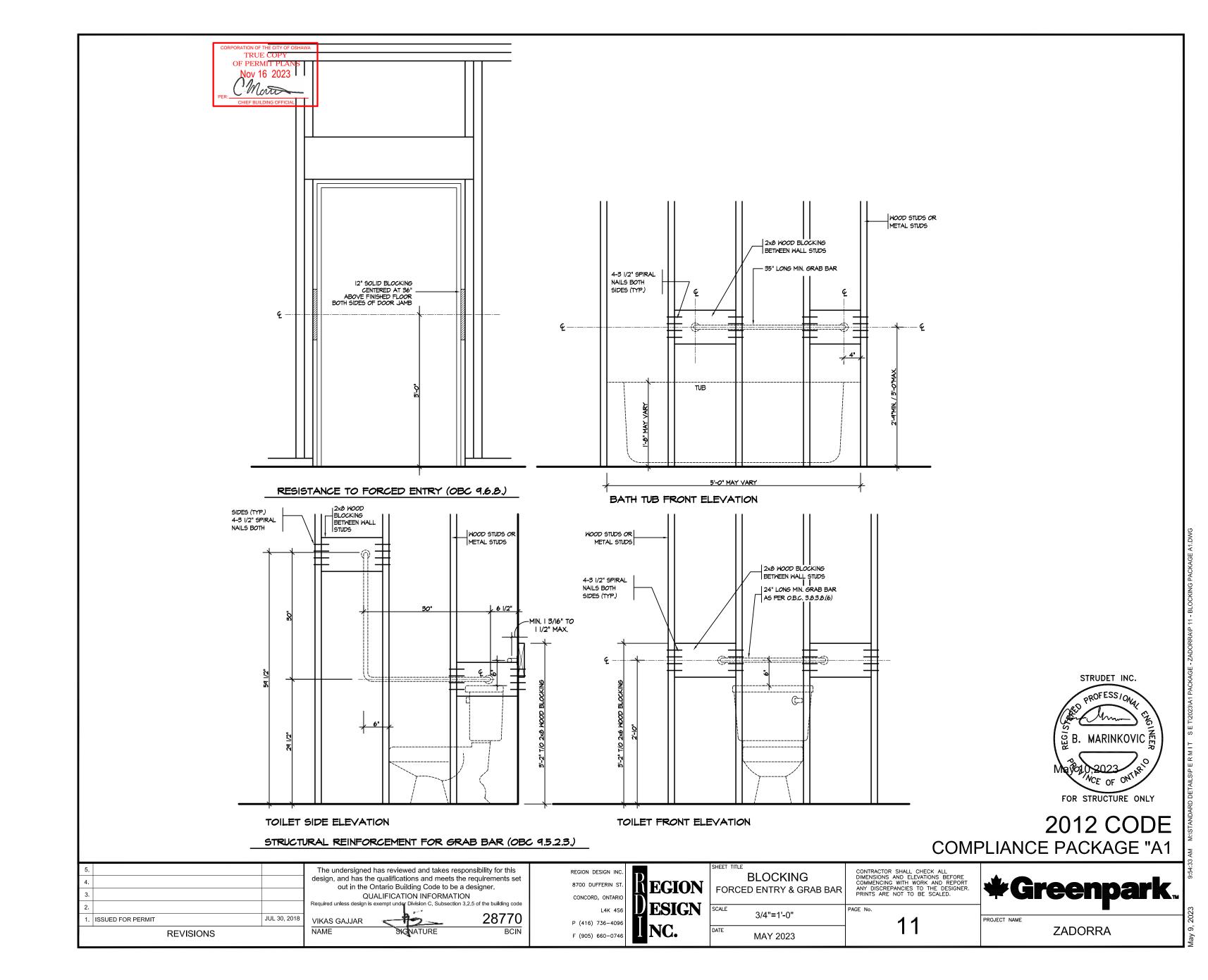
MAX. 4" OPENING BETWEEN

Nov 16 POPER TO DETAIL I)

Morro



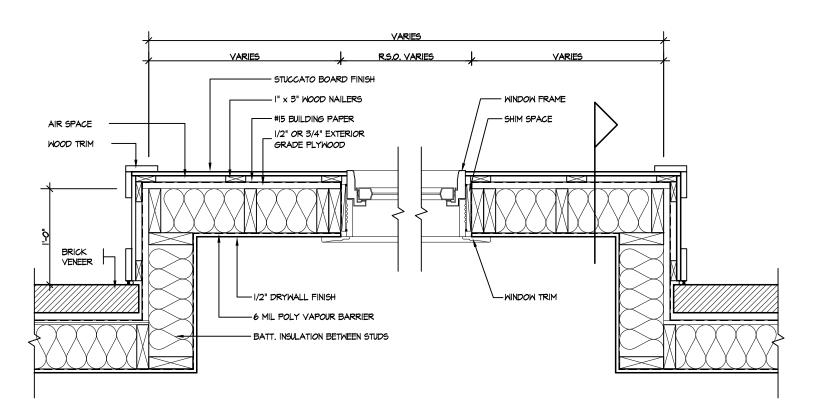






PLAN VIEW

STUCCATO BOARD FINISH CLADDING (OBC 9.27.)

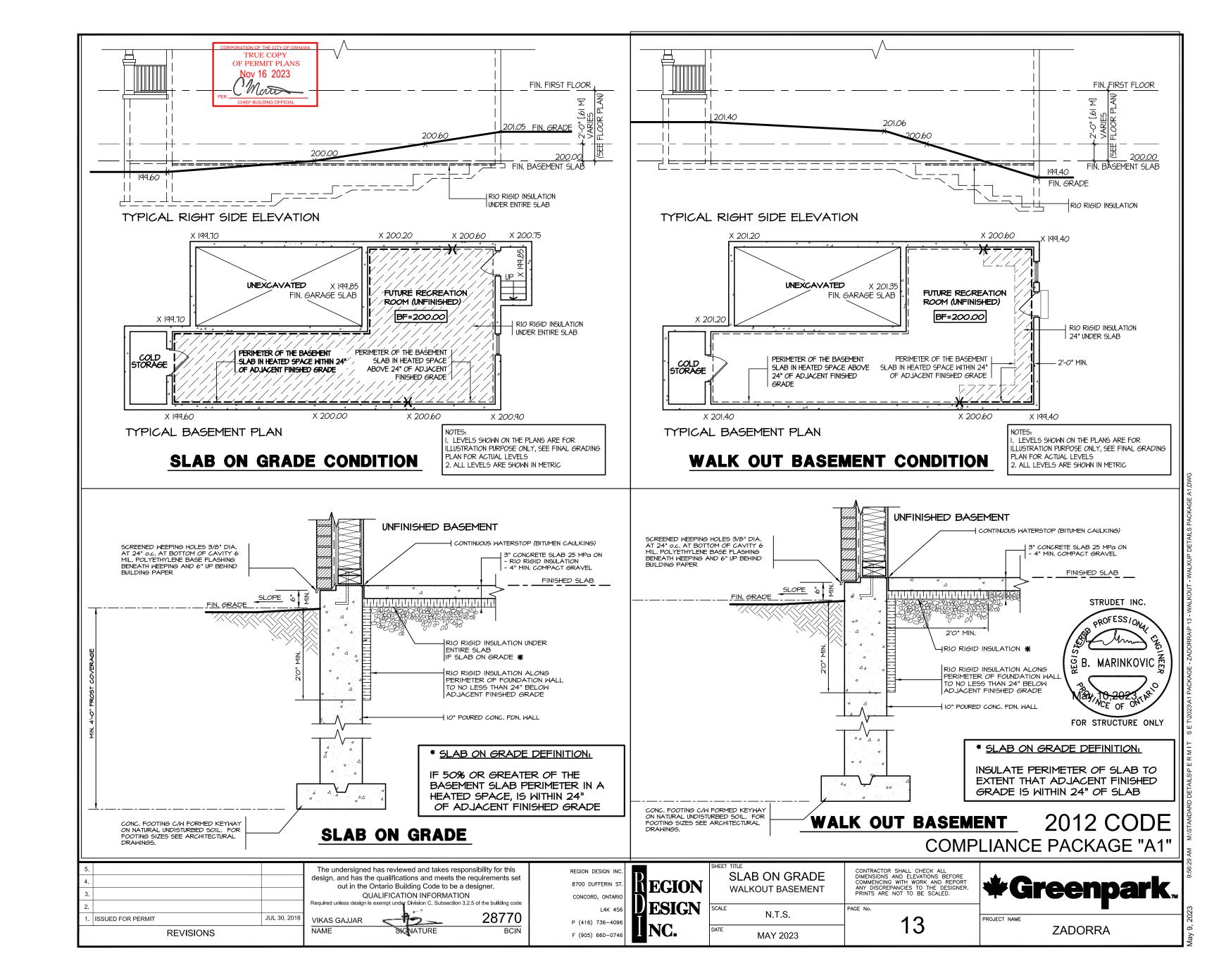


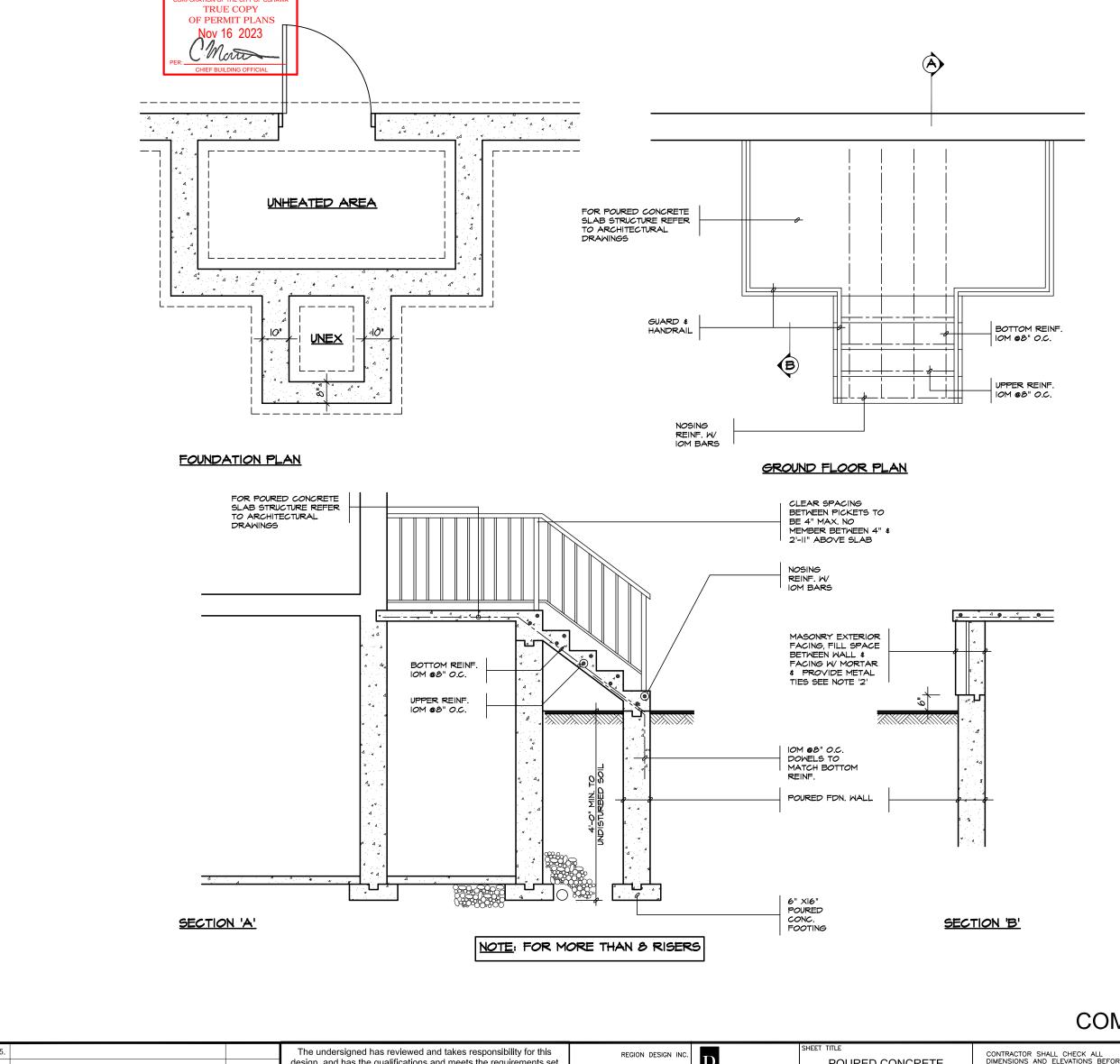
TYPICAL ROOF CONSTRUCTION VENTED SOFFIT WOOD TRIM AIR SPACE STUCCATO BOARD FINISH GAP IN NAILERS I" x 3" WOOD NAILERS - 6 MIL POLY VAPOUR BARRIER - BATT. INSULATION BETWEEN STUDS 1/2" OR 3/4" EXTERIOR GRADE PLYWOOD FIN. FLOOR PREFIN. METAL FLASHING STRUDET INC. PROFESS/ONAL 즱 B. MARINKOVIC F CROSS SECTION FOR STRUCTURE ONLY

2012 CODE COMPLIANCE PACKAGE "A1"

The undersigned has reviewed and takes responsibility for this REGION DESIGN INC. STUCCATO BOARD design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer. *Greenpark. **EGION** 8700 DUFFERIN ST. FINISH CLADDING QUALIFICATION INFORMATION CONCORD, ONTARIO **ESIGN** L4K 4S6 1/2"=1'-0" 28770 1. ISSUED FOR PERMIT 12 PROJECT NAME VIKAS GAJJAR P (416) 736-4096 **ZADORRA** NAME REVISIONS MAY 2023 F (905) 660-0746

MISTANDARD DETAILS(P.E.R.M.IT. S.E.T/2023/A1 PACKAGE - ZADORRA(P.12 - STU





GENERAL NOTES

I. EXTERIOR STAIRS

7 7/8" RISE MAXIMUM 8 1/4" RUN MINIMUM 9 1/4" TREAD MINIMUM

2. MASONRY TIES

WHEN BRICK FACING IS USED ABOVE GROUND LEVEL, PROVIDE 3/16" DIA. CORROSION RESISTANT METAL TIES @ 36" HORIZONTAL & &" VERTICAL

3. <u>GUARDS</u>

ARE REQUIRED AROUND CONCRETE SLAB IF MORE THAN 2'-O" ABOVE GRADE & ON BOTH SIDES OF STAIRS CONTAINING MORE THAN 6 RISERS, MINIMUM 31" HIGH FOR STAIRS MINIMUM 35" HIGH FOR PORCHES UP TO 5'-II" ABOVE GRADE, MINIMUM 42" HIGH FOR GREATER HTS.

4. HANDRAIL

ARE REQUIRED WHERE STEPS HAVE MORE THAN 3 RISERS . HANDRAIL HEIGHT 31" -38".

5. FOUNDATION WALLS

THICKNESS OF FOUNDATION WALLS IS DEPENDANT UPON VENEER CUT &" FOR UP TO 26" VENEER CUT HEIGHT IO" FOR VENEER CUT OVER 26" HIGH

6. CONCRETE

MINIMUM CONCRETE STRENGTH SHALL BE 4650 PSI [32MPa] W/ 5%-8% AIR ENTRAINMENT MINIMUM CONCRETE SLAB THICKNESS 5"

7. CONCRETE COVER

PROVIDE MINIMUM 3/4" CLEAR CONCRETE COVER TO REINFORCING BARS



2012 CODE COMPLIANCE PACKAGE "A1"

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3.	QUALIFICATION INFORMATION	CONCORD, ONTARIO		01711110	PRINTS ARE NOT TO BE SCALED.	*Greenpark
2.	Required unless design is exempt under Division C, Subsection 3.2.5 of the building code		LESIGN	SCALE 2/0"-41 O"	PAGE No.	
1. ISSUED FOR PERMIT JUL 30, 2018	vikas gajjar 28770	P (416) 736-4096	T	3/8"=1'-0"	⊿ 1/1	PROJECT NAME
REVISIONS	NAME SIGNATURE BCIN	F (905) 660-0746		MAY 2023	I ' '	ZADORRA

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