

CONSTRUCTION NOTES (UNLESS OTHERWISE NOTED)
ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF OSHTAW BUILDING CODE AND ALL OTHER APPLICABLE ORDINANCES HAVING JURISDICTION. THESE REQUIREMENTS ARE TO BE TAKEN AS MINIMUM SPECIFICATIONS. ONT. REG. 332/12 - 2012 OBC.

1 ROOF CONSTRUCTION (*SEE OBC 9.19.)

NO. 210 (10.25kg/m²) ASPHALT 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, RWL & 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 (16"). ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH 50% AT EAVES.

2 FRAME WALL CONSTRUCTION (2"x6")

SIDING, HARDIE BOARD, STUCCATO BOARD OR EQUAL AS PER ELEVATION. 19x64 (1"x3") VERTICAL WOOD FURRING, APPROVED SHEATHING PAPER, 7/16" O.S.B. EXTERIOR SHEATHING OR OBC COMPLIANT EQUIVALENT. 38x140 (2"x6") STUDS @ 400mm (16") O.C. W/APPROVED DIAGONAL WALL BRACING, RSI 3.87 (R22) INSULATION AND APPROVED VAPOUR BARRIER AND APPROVED CONT. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH.

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 SHEATHING PAPER, 7/16" O.S.B. EXTERIOR SHEATHING OR OBC COMPLIANT EQUIVALENT. 38x140 (2"x6") STUDS @ 400mm (16") o.c. W/APPROVED DIAGONAL WALL BRACING, RSI 3.87 (R22) INSUL. APPROVED VAPOUR BARRIER AND APPROVED CONT. AIR 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.

3A STUCCO WALL CONSTRUCTION (2"x6")

STUCCO CLADDING SYSTEM CONFIRMING TO OBC 9.27.1.1.(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 (1") 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 (16") o.c. W/APPROVED DIAGONAL WALL BRACING, RSI 3.87 (R22) INSUL. APPROVED VAPOUR BARRIER AND APPROVED CONT. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. STUCCO TO BE MIN.200mm (8") ABOVE FINISH GRADE.

4 INTERIOR STUD PARTITIONS

(*SEE OBC 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 38x89 (2"x4") BOTTOM PLATE AND 2/38x89 (2"x4") TOP PLATE. 13mm (1/2") INTERIOR DRYWALL BOTH SIDES OF STUD, PROVIDE 38x140 (2"x6") STUDS/PLATES WHERE NOTED.

5 FOUNDATION WALL/FOOTINGS:

(*SEE OBC 9.15.3 & 9.15.4.)

MIN. 200mm (8") POURED CONC. FDTN. WALL 15MPa (2200psi) WITH BITUMENOUS DAMPROOFING AND DRAINAGE LAYER. MIN. 480x155 (19"x6") CONTIN. KEYED CONC. FTG. 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.

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6 WEEPING TILE (*SEE OBC 9.14.3.)

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

7 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.

8 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 FLOORING.

9 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 APPROVED EQUAL.

10 ALL STAIRS/EXTERIOR STAIRS (*SEE OBC 9.8.-)

MAX. RISE	=200	(7 7/8")
MIN. RUN	=255	(10 1/4")
MIN. TREAD	=280	(11")
MAX. NOSING	=25	(1")
MIN. HEADROOM	=1950	(6'-5")
RAIL @ LANDING	=900	(2'-11")
RAIL @ STAIR	=865	(2'-10")
MIN. STAIR WIDTH	=860	(2'-10")

FOR CURVED STAIRS
MIN. AVG. RUN = 200 (8")
MIN. RUN = 150 (6")

11 RAILING (*SEE OBC 9.8.8.)

FINISHED RAILING ON PICKETS SPACED MAXIMUM 100mm (4") BETWEEN PICKETS.

INTERIOR GUARDS:	= 900mm	(2'-11") MIN.
EXTERIOR GUARDS:	= 1070mm	(3'-6") MIN.

12 SILL PLATE (*SEE OBC 9.23.6 & 9.23.7.)

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. CAULKING OR 25 (1") MIN. MINERAL WOOL BETWEEN PLATE AND TOP OF FDTN. WALL. USE MORTAR TO LEVEL SILL PLATE WHEN REQUIRED.

13 BASEMENT INSULATION (*SEE OBC 12.3.)

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 SLAB. FOUNDATION WALL INSULATION SHALL BE MINIMUM RSI. 3.52 (R20) BLANKET INSULATION, APPROVED VAPOUR BARRIER, DAMPROOFING W/BLDG. PAPER BETWEEN THE FDTN. AND INSUL.

14 BASEMENT BEARING STUD PARTITION

(*SEE OBC 9.23.10.)

38x89 (2"x4") STUDS @400mm (16") o.c. 38x89 (2"x4") SILL PLATE ON DAMPROOFING MATERIAL. 13mm (1/2") DIA. ANCHOR BOLTS 200mm (8") 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.

15A STEEL COLUMN (*SEE OBC 9.17.3.)

90mm (3-1/2") DIA. x 4.78mm (.188) STL. COLUMN WITH 100x100x6.4mm (4"x4"x1/4") STEEL TOP & BOTTOM PLATE. FIELD WELD BOTTOM PLATE TO 250x100x12.5mm (10"x4"x1/2") BASE PLATE C/W 2-13mm (1/2") DIA. x 300mm (12") LONG x 50mm (2") HOOK ANCHORS.

16 NIB WALLS (*SEE OBC 9.23.8.)

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

17 STEEL BEAM STRAPPING (*SEE OBC 9.23.4.3.(3)(c))

19x38 (1"x2") CONTINUOUS WOOD STRAPPING BOTH SIDES OF STEEL BEAM.

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 (R31) IN CEILING. TAPE AND SEAL ALL JOINTS GAS TIGHT.

20 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 WD. STEP WHERE NOT EXPOSED TO WEATHER MAX. RISE 200mm (7-7/8"); MINIMUM TREAD 250mm (9-1/2")

22 DRYER VENT

(*SEE OBC 6.2.3.8.(7))

CAPPED DRYER EXHAUST VENTED TO EXTERIOR. USE 1000mm (4") DIA. SMOOTH WALL VENT PIPE.

23 ATTIC ACCESS

(*SEE OBC 9.19.2.)

ATTIC ACCESS HATCH 545x700 (22"x28") WITH WEATHERSTRIPPING. RSI 5.46 (R31) RIGID INSULATION BACKING.

24 FIREPLACE CHIMNEYS

(*OBC 9.21.-)

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 3050mm (10'-0") FROM THE CHIMNEY.

25 LINEN CLOSET

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

280x280x16 (11"x11"x5/8") STL. PLATE FOR STL BEAMS AND 280x280x12 (11"x11"x1/2") STL. PLATE FOR WOOD BEAMS BEARING ON CONC. BLOCK PARTYWALL, ANCHORED W/ 2-19mm (3/4") x200mm (8") LONG GALV. ANCHORS WITHIN SOLID BLOCK COURSE. LEVEL WITH NON-SHRINK GROUT.

28 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.

29 WOOD BASEMENT POST

(*OBC 9.17.4.)

3-38x140 (3-2"x6") BUILT-UP POST ON METAL BASE SHOE ANCHORED TO CONC. WITH 12.7 (1/2") DIA. BOLT ON 406x406x203 (16"x16"x8") CONC. FOOTING.

30 STEP FOOTINGS

(*OBC 9.15.3.9.)

MIN. HORIZ. STEP = 610mm (24"). MAX. VERT. STEP = 610mm (24")

31 SLAB ON GRADE

(*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. REINFORCED W/ 6x6-W2.9xW2.9 MESH PLACED NEAR MID-DEPTH OF SLAB.

32 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..

33 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

34 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.

35 EXPOSED BUILDING FACE

(*SEE OBC 9.10.15.)

EXTERIOR WALLS TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45min. 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-COMBUSTABLE MATERIAL.

36 COLD CELLAR PORCH SLAB

(*SEE OBC 9.40.)

FOR MAX. 2500mm (8'-2") PORCH DEPTH, 125mm (5") 32Mpa (4640 psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT. REINF. WITH 10M BARS @200mm (8") o.c. EACH WAY IN BOTTOM THIRD OF SLAB, ANCHORED IN PERIMETER FDTN. WALLS W/ 610x610 (24"x24") 10M @600mm (24") o.c. DOWELS. SLOPE SLAB MIN. 1.0% FROM DOOR. SLAB TO HAVE A MIN. 75mm (3") BEARING ON FDTN. WALLS. PROVIDE (WL1) LINTELS OVER CELLAR DOOR.

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. 10" FDTN. WALL WHEN REDUCTION IN THICKNESS 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 SOLID WITH MORTAR.

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. 38x39 (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") @ 400 (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") CENTER POST TO THE TRUSS BELOW, LATERALLY BRACED @1800mm (6'-0") o.c. VERTICALLY.

39 TWO STOREY VOLUME SPACES

FOR A MAXIMUM 5490mm (18'-0") HEIGHT, PROVIDE 2-38x140 (2-2"x6") CONTINUOUS STUDS @300mm (12") o.c. FOR BRICK AND 400mm (16") o.c. FOR SIDING. PROVIDE SOLID WOOD BLOCKING BETWEEN STUDS @1220mm (4'-0") o.c. VERT. 7/16" EXT. PLYWOOD.

40 EXPOSED FLOOR TO EXTERIOR (*SB12 - 2.1.1.2.A)

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

41 PARTYWALLS

TYPICAL 1 HOUR RATED PARTYWALL. REFER TO DETAILS FOR TYPE AND SPECIFICATIONS.

42 EXTERIOR WALLS FOR WALK-OUT CONDITION

THE EXTERIOR BASEMENT STUD WALL TO BE 38x140mm (2"x6") STUDS @400mm (16") o.c. MATCH FLOOR JOIST SPACING WHEN PARALEL WITH FLOOR JOISTS.

43 SMOKE ALARM

(*OBC 9.10.19)

PROVIDE 1 PER FLOOR, NEAR THE STAIRS CONNECTING THE FLOOR LEVEL AND ALSO 1 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. (9.10.19.3.(3)).

44 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

45 SOIL GAS CONTROL

(*OBC 9.13.4.)

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

MHP 23040

Compliance Package A1

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The undersigned has reviewed and takes responsibility for this design, as well as having the qualifications and requirements mandated by the Ontario Building Code (O.B.C.) to be a Designer.

Qualification Information

Jamie Mack

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Name

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title

Construction Notes

scale

not to scale

date

2023-07-18

by

Greenpark

type

-

area

-

project no.

22-012

sheet no.

1

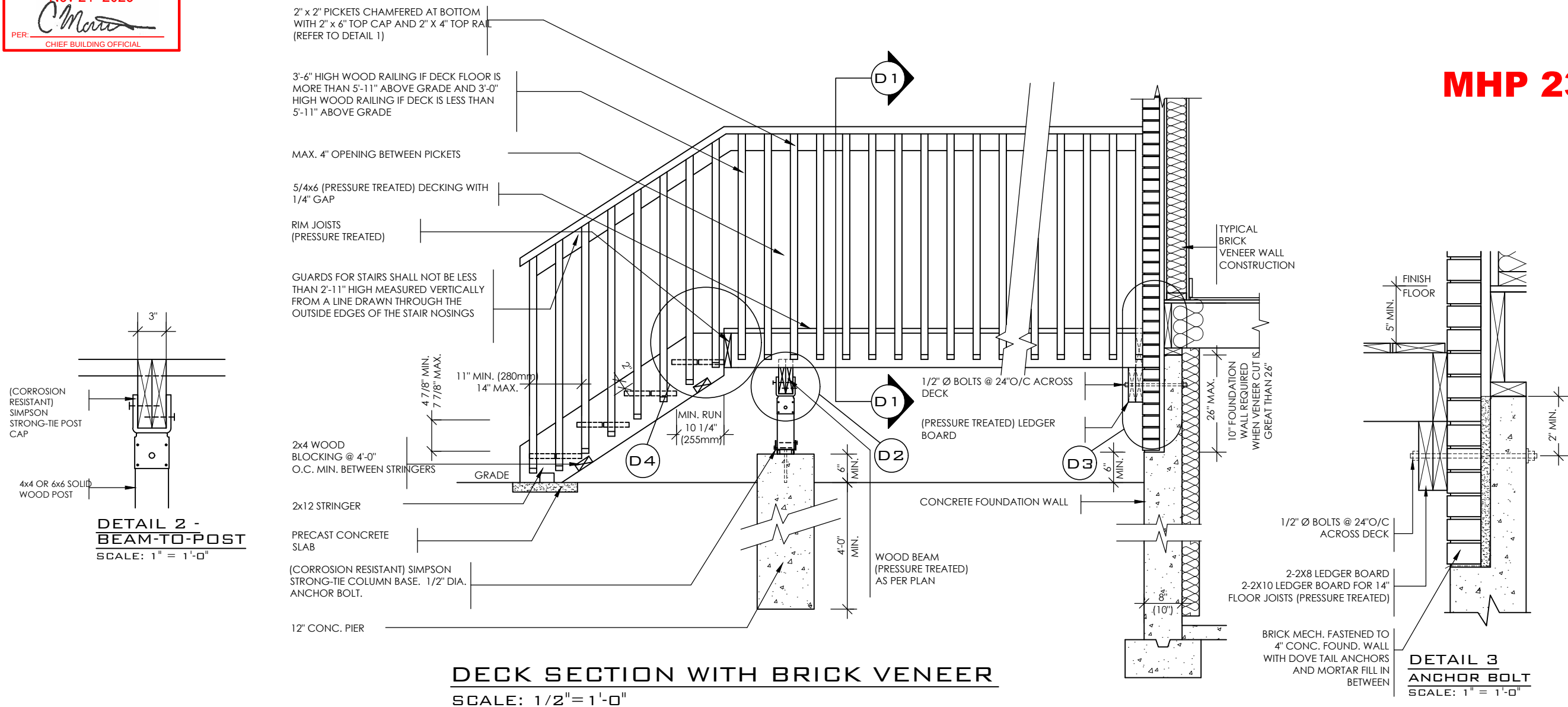
project name

Greenpark

www.greenparkgroup.ca

Zadorra Estates Inc.

MHP 23040

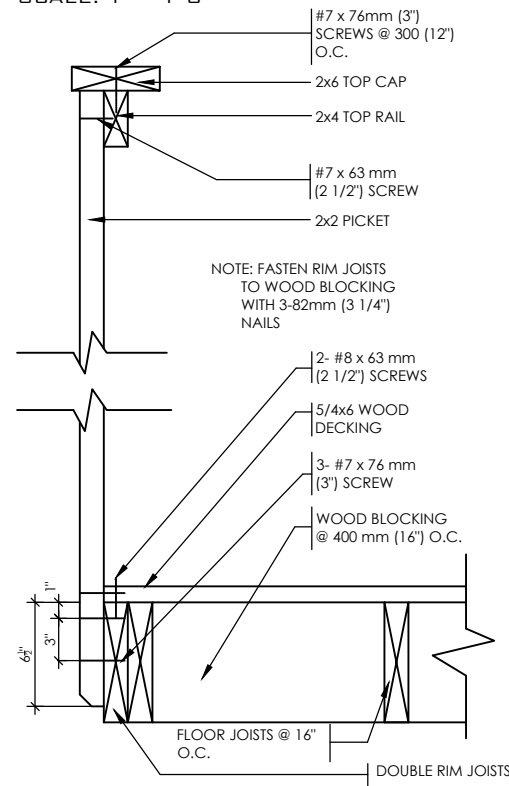


DETAIL 1

CANTILEVERED PICKET SCREWED TO RIM JOIST AND DECK

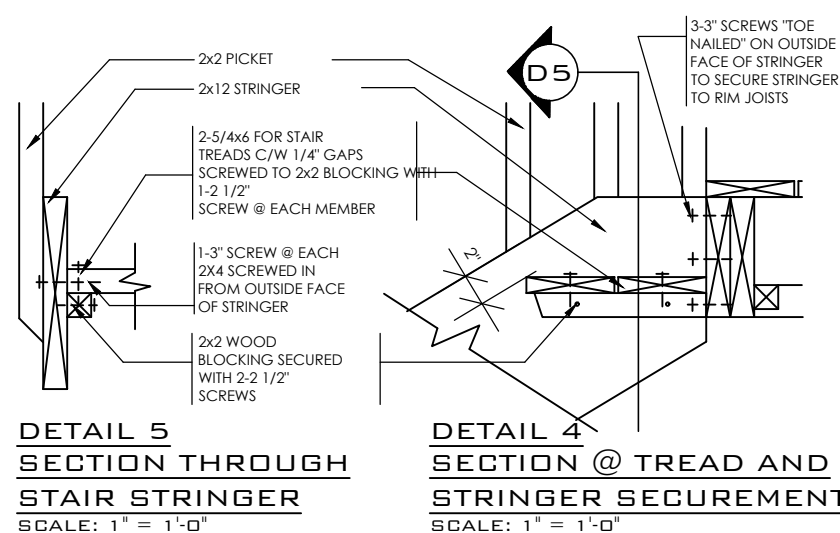
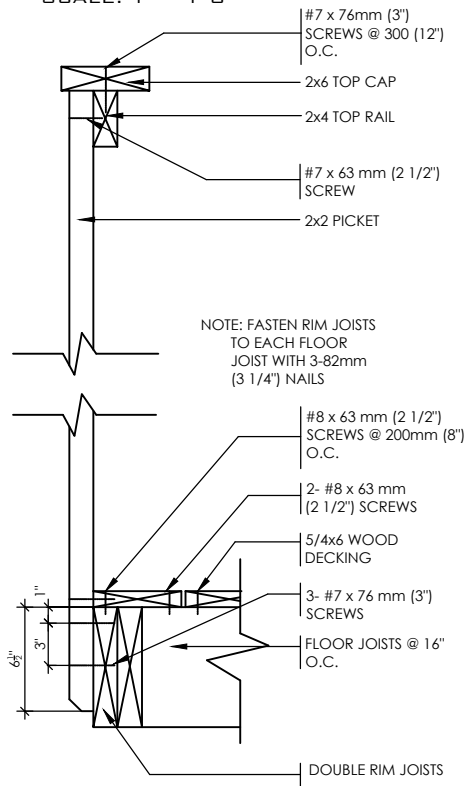
GUARD PARALLEL TO FLOOR JOISTS

SCALE: 1" = 1'-0"



GUARD PERPENDICULAR TO FLOOR JOISTS

SCALE: 1" = 1'-0"



GENERAL NOTES

- BRICK TO BE COMPRESSIVE STRENGTH OF 15MPa (2200 p.s.i.) MIN. UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS.
- MORTAR TO BE TYPE S WITH JOINT THICKNESS OF 10mm (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.
- 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.
- FOOTING TO BE PLACED ON UNDISTURBED SOIL WITH MIN. BEARING PRESSURE OF 150kPa [3130psf].

STRUDET INC.



Compliance Package A1

Wood Deck Details

scale	As shown	by	Greenpark	area	-	sheet no.	8
date	2023-07-18	type	-	project no.	22-012		

project name
Zadorra Estates Inc.

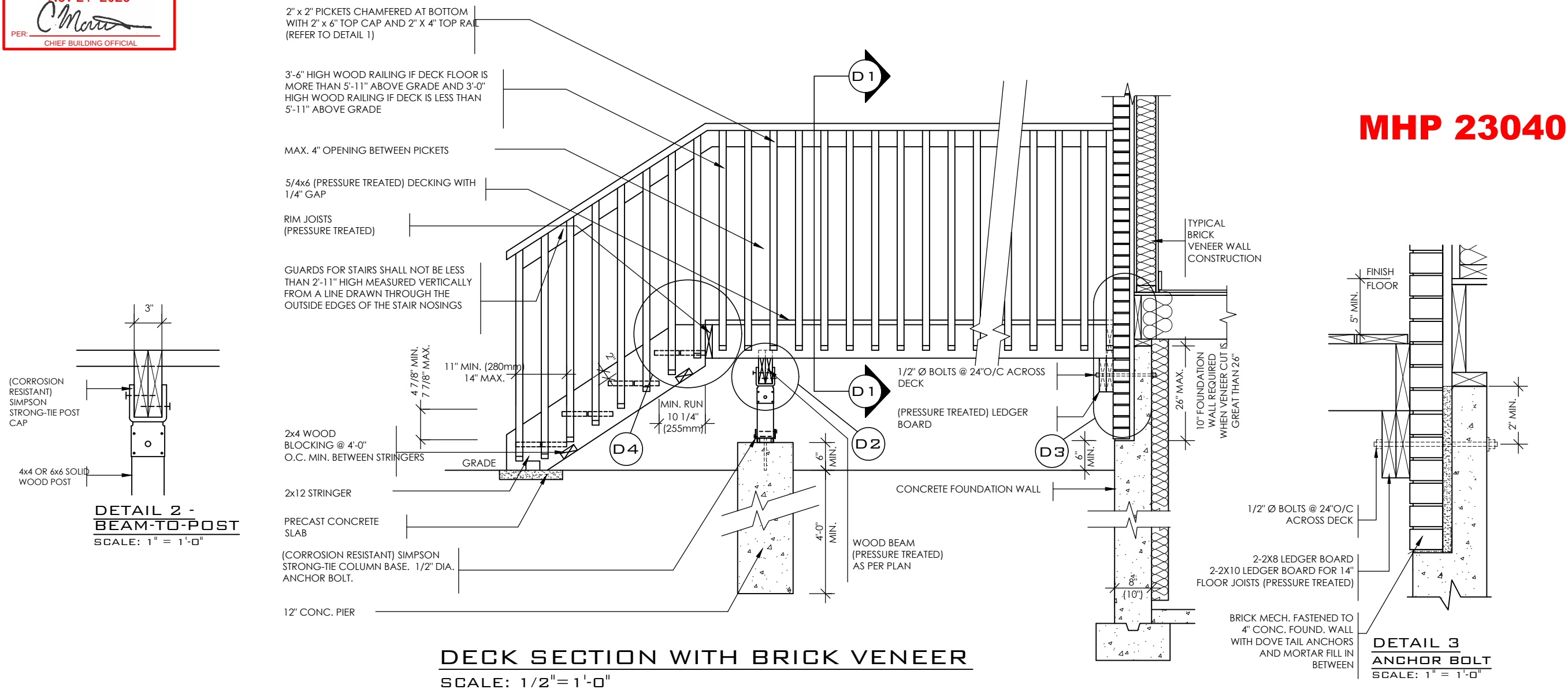
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Qualification Information

Jamie Mack 35923
Name BCIN Signature
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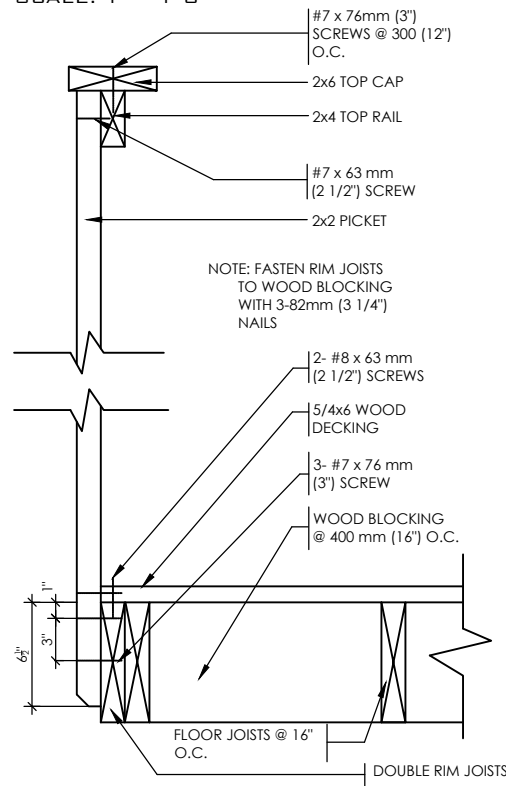


DETAIL 1

CANTILEVERED PICKET SCREWED TO RIM JOIST AND DECK

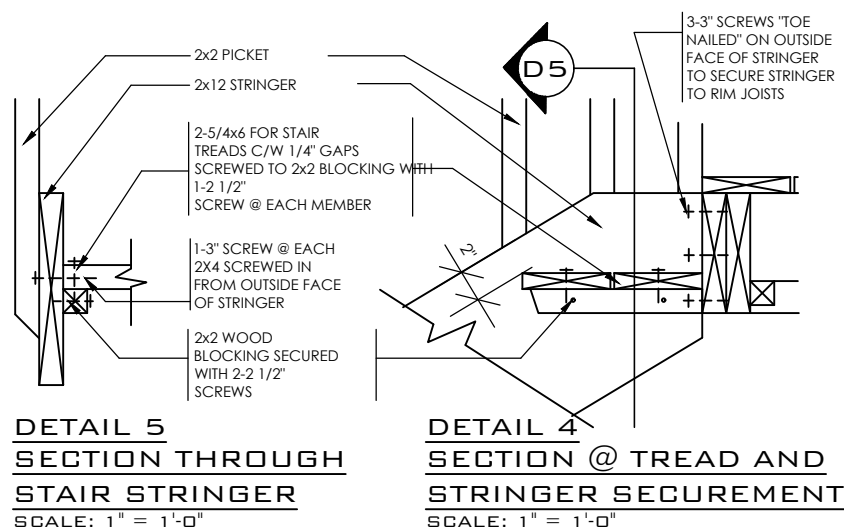
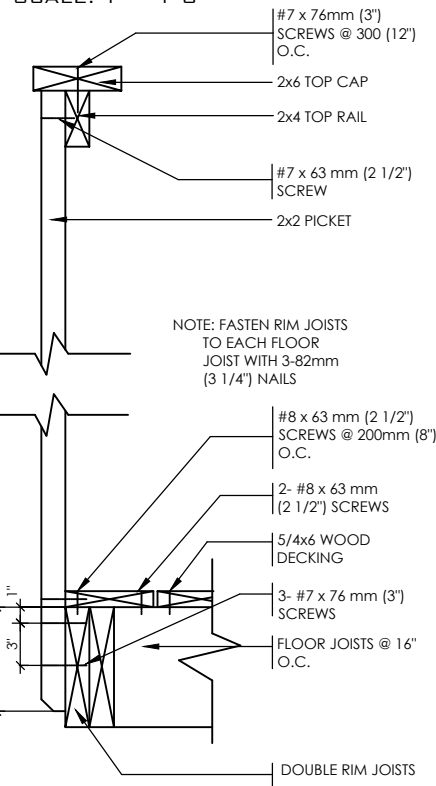
GUARD PARALLEL TO FLOOR JOISTS

SCALE: 1" = 1'-0"



GUARD PERPENDICULAR TO FLOOR JOISTS

SCALE: 1" = 1'-0"



GENERAL NOTES

- BRICK TO BE COMPRESSIVE STRENGTH OF 15MPa (2200 p.s.i.) MIN. UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS.
- MORTAR TO BE TYPE S WITH JOINT THICKNESS OF 10mm (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.
- 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 ENTRAINMENT.
- FOOTING TO BE PLACED ON UNDISTURBED SOIL WITH MIN. BEARING PRESSURE OF 150kPa [3130psf].

STRUDET INC.



Compliance Package A1

Wood Deck Details

scale	by	area	sheet no.
As shown	Greenpark	-	8
date	type	project no.	
2023-07-18	-	22-012	

Greenpark
www.greenparkgroup.ca

project name
Zadorra Estates Inc.

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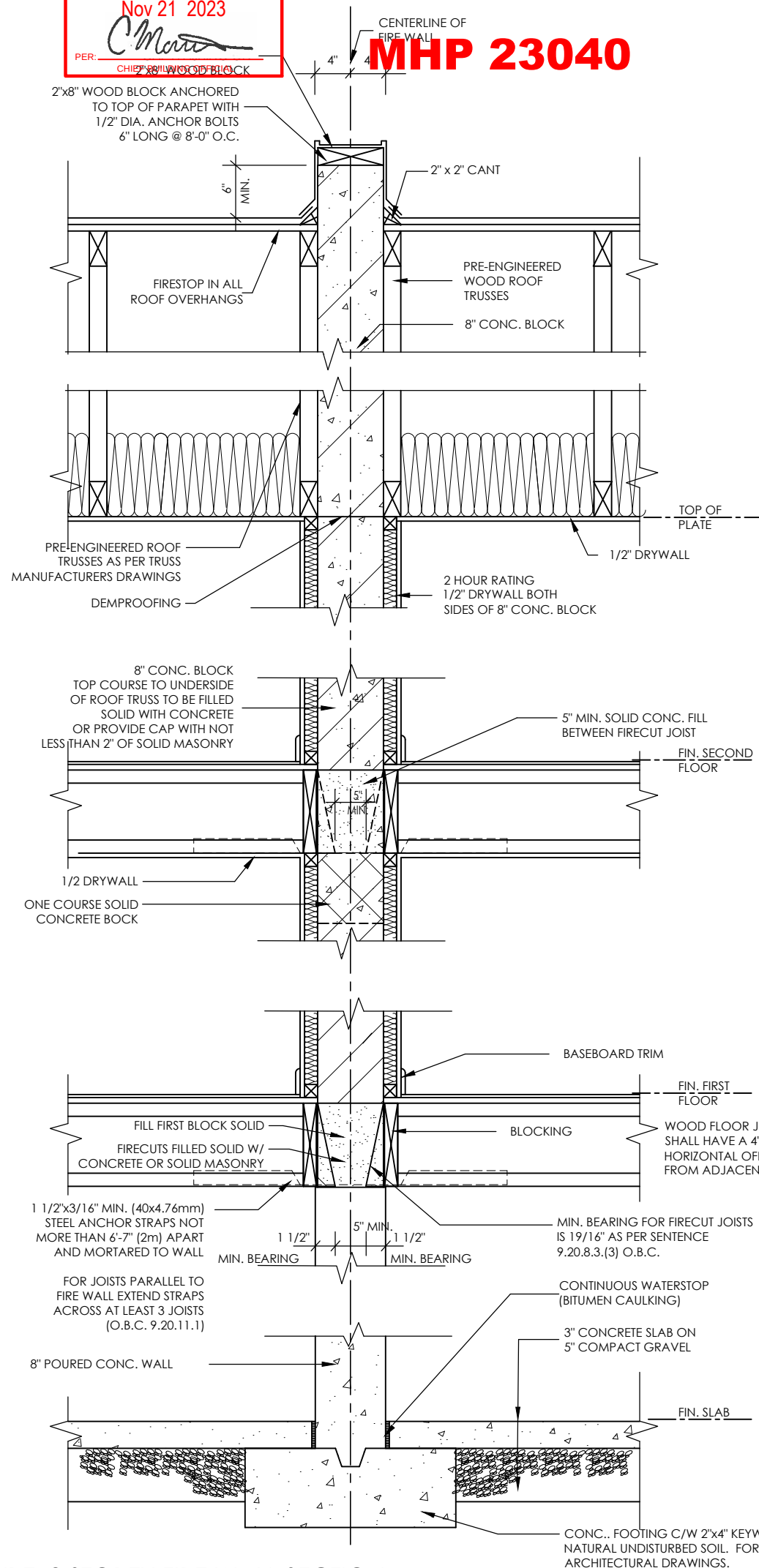


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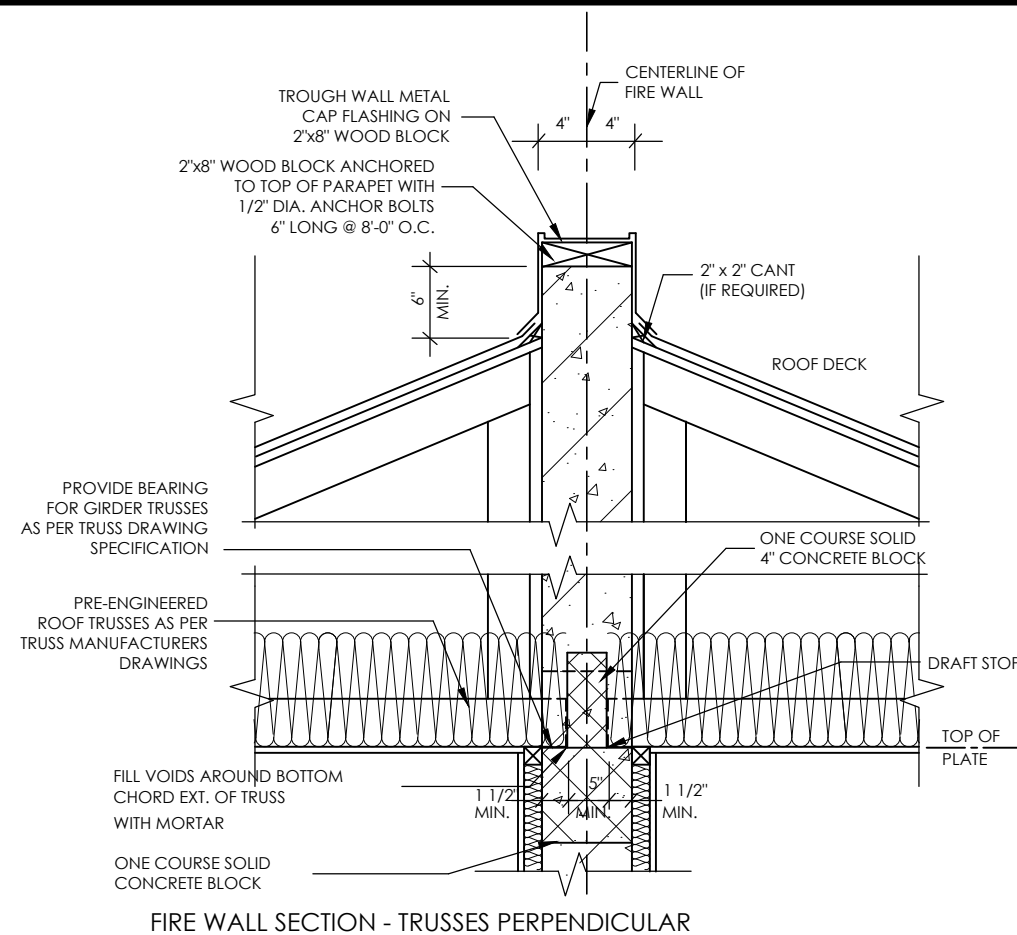
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PER: C. Mart
CHIEF BUILDING OFFICIAL

MHP 23040



TYPE. 2 STOREY FIRE WALL SECTION
TRUSSES PARALLEL TO PARTY WALL



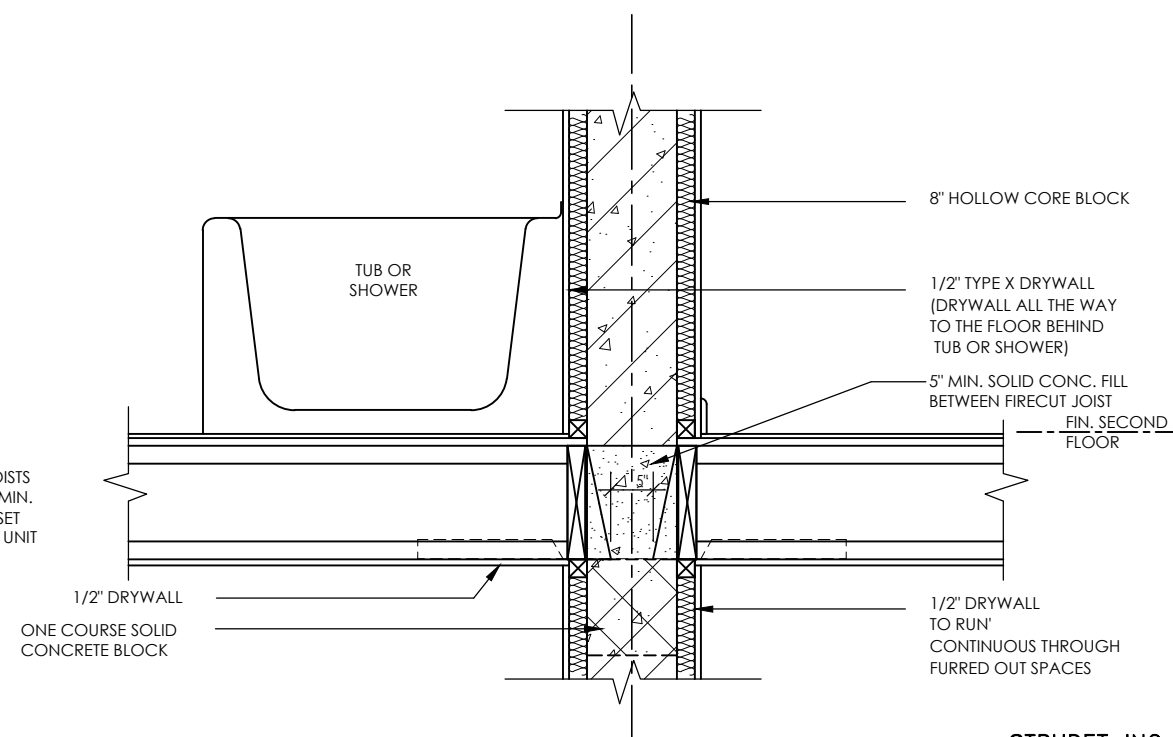
FIRE WALL SECTION - TRUSSES PERPENDICULAR

SOUND ABSORPTIVE MATERIAL REQUIREMENTS
SOUND ABSORPTIVE MATERIAL INCLUDES FIBRE PROCESSED FROM ROCK, SLAG, GLASS OR CELLULOSE FIBRE. IT MUST FILL AT LEAST 90% OF THE CAVITY THICKNESS FOR THE WALL TO PROVIDE THE LISTED STC VALUE.

SOUND TRANSMISSION RATING
MINIMUM REQUIRED S.T.C. RATING OF
50 (O.B.C. DIV. B 9.11.2.1(1))

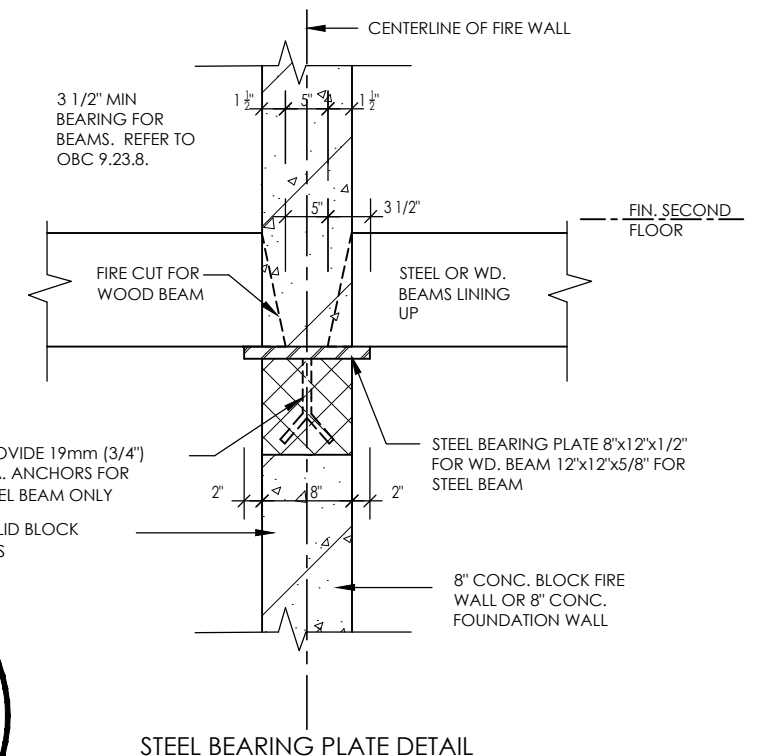
FIRE RESISTANCE RATING
FIRE RESISTANCE RATING REQUIRED IS
2 HR. MIN.(AS PER SENTENCE DIV. B
3.1.10.2 O.B.C.)

WALL TYPE
SEE SUPPLEMENTARY STANDARDS SB3
TABLE 1. (WALL NO. B6E) 8"(190MM)
CONCRETE BLOCK WALL: WITH 1½" x
1½" STRAPPING & 1/2" DRYWALL
FILLED W/ SOUND ABSORPTIVE
MATERIAL EACH SIDE. (FRR 2H)(STC
57)



FIRE WALL SECTION @ BATH TUB

A FIREWALL SHALL EXTEND FROM THE GROUND CONTINUOUSLY THROUGH, OR ADJACENT TO, ALL STOREYS OF A BUILDING. (O.B.C. 3.1.10.3 (1))



STEEL BEARING PLATE DETAIL

STRUDET INC.

REGISTERED PROFESSIONAL ENGINEER

B. MARINKOVIC

May 10 2023

PROVINCE OF ONTARIO

FOR STRUCTURE ONLY

ENGINEERED FLOOR SYSTEM INSTALLATION TO CONFORM
TO MANUFACTURES APPROVED DETAILS AND
SPECIFIACATIONS

Compliance Package A1



Greenpark

www.greenparkgroup.ca

project name

Zadorra Estates Inc.

Fire Wall

scale
3/4" = 1' 0"

by **Greenpark**

area	-
------	---

sheet no.

3

date
2023.04.28

type	
------	--

project no.	21 018
-------------	--------

Contractor shall check all dimensions and elevations before commencing with work and report any discrepancies to the Designer. Prints are not to be scaled.

The undersigned has reviewed and takes responsibility for this design, as well as having the qualifications and requirements mandated by the Ontario Building Code (O.B.C.) to be a Designer.

Qualification Information

Jamie Mack
Name

35923

BCIN

Registration Information

Mackitecture

103532



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Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

TIGHTLY SEAL ANY GYPSUM BOARD JOINTS WITH MINERAL WOOL OR NON-COMBUSTIBLE MATERIAL AS PER O.B.C. 9.10.11.2(3)

CHIEF BUILDING OFFICIAL

MHP 23040

STRUDET INC.



FOR STRUCTURE ONLY

38x89 (2"x4") STUDS @ 400 O.C. WITH 15.9mm (5/8") TYPE 'X' GYPSUM BOARD ONE LAYER ON EACH SIDE. SUPPLEMENTARY STANDARDS SB3, TABLE 1, W/d WALL ASSEMBLY.

SOUND ABSORPTIVE MATERIAL REQUIREMENTS
SOUND ABSORPTIVE MATERIAL INCLUDES FIBRE PROCESSED FROM ROCK, SLAG, GLASS OR CELLULOSE FIBRE. IT MUST FILL AT LEAST 90% OF THE CAVITY THICKNESS FOR THE WALL TO PROVIDE THE LISTED STC VALUE.

SOUND TRANSMISSION RATING
MINIMUM REQUIRED S.T.C. RATING OF 50 (O.B.C. DIV. B 9.11.2.1(1))

WALL TYPE
SEE SUPPLEMENTARY STANDARDS SB3 TABLE 1, W/13A BEARING WALL WITH 2 ROWS OF 2X4 SPR. @ 16" O.C. ON SEPARATE 2X4 PLATES SET 1" APART WITH 4" ABSORPTIVE MATERIAL AND 1 LAYER 5/8" TYPE 'X' GYPSUM WALL BOARD ON EACH SIDE (SEE NOTES 5 TO TABLE 1)

FIRE RESISTANCE RATING
FIRE RESISTANCE RATING REQUIRED IS 1 HR. MIN. (AS PER SENTENCE DIV. B 9.10.11.2.1(1) O.B.C.)

2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

1" AIR SPACE

3/4" SUBFLOOR

ENGINEERED FLOOR JOISTS W/HEADER

2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

2"x4" SILL PLATE (MAX. 2 7/25 P/F)

8" POURED CONC. FOUNDATION WALL

FIN. SLAB

CONC. FTG. C/W 2"x4" KEYWAY ON NATURAL UNDISTURBED SOIL FOR SIZES SEE ARCHITECTURAL DRAWINGS

ALL GYPSUM BOARD TO BE TIGHT FIR AGAINST ROOF SHEATHING AND ROOF TRUSSES. MIDDLE GYPSUM BOARD BETWEEN TWO TRUSSES TO BE TIGHTLY SCREWED TO BOTH TRUSSES.

PER-ENGINEERED ROOF TRUSSES BY TRUSS MFG. @ 24" O.C.

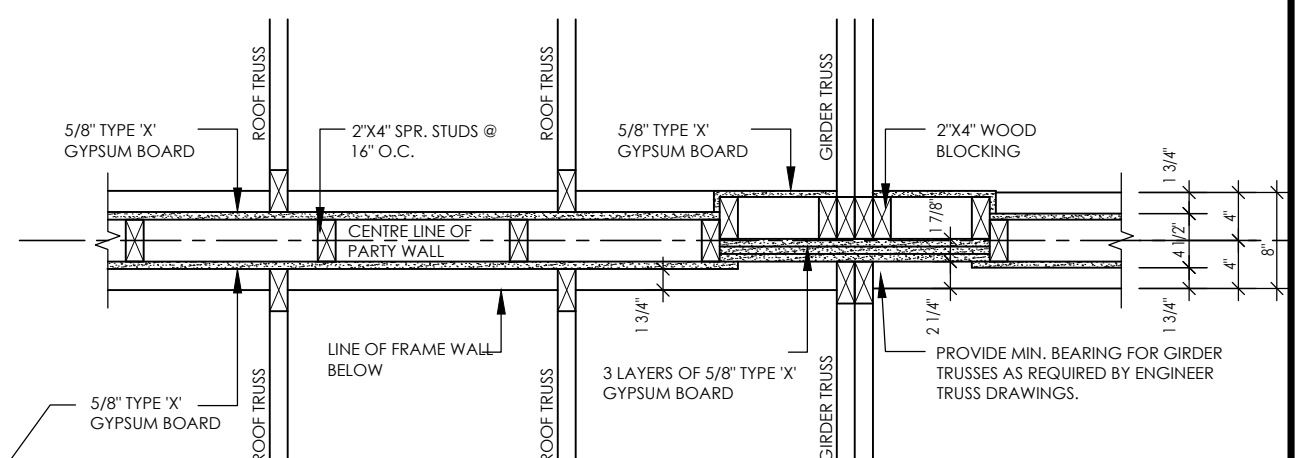
5/8" TYPE 'X' GYPSUM WALL BOARD

TOP OF PLATE

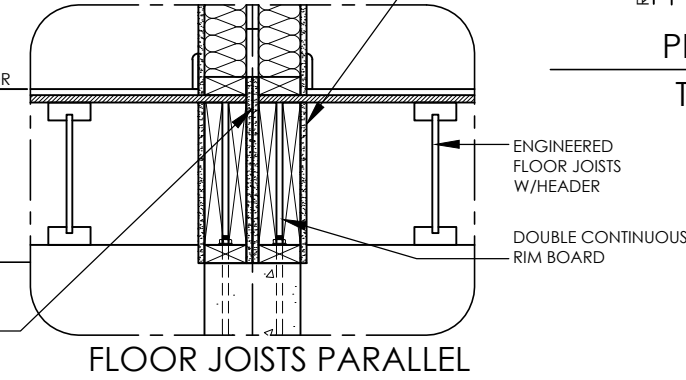
2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

3 ROWS (TOP, MIDDLE AND BOTTOM) OF 1"x4" STRAPPING TO RESTRAIN INSULATION FROM FALLING OUT.

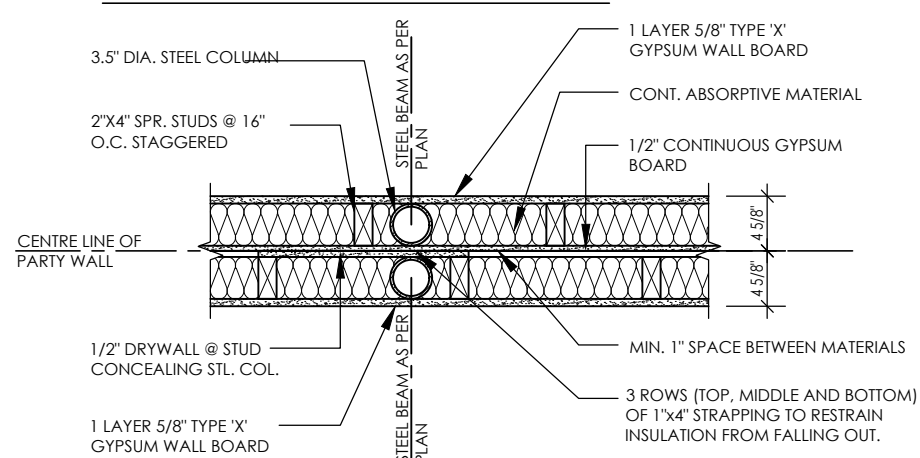
SECTION @ FIRE SEPARATION IN ROOF SPACE TRUSSES PARALLEL TO PARTY WALL



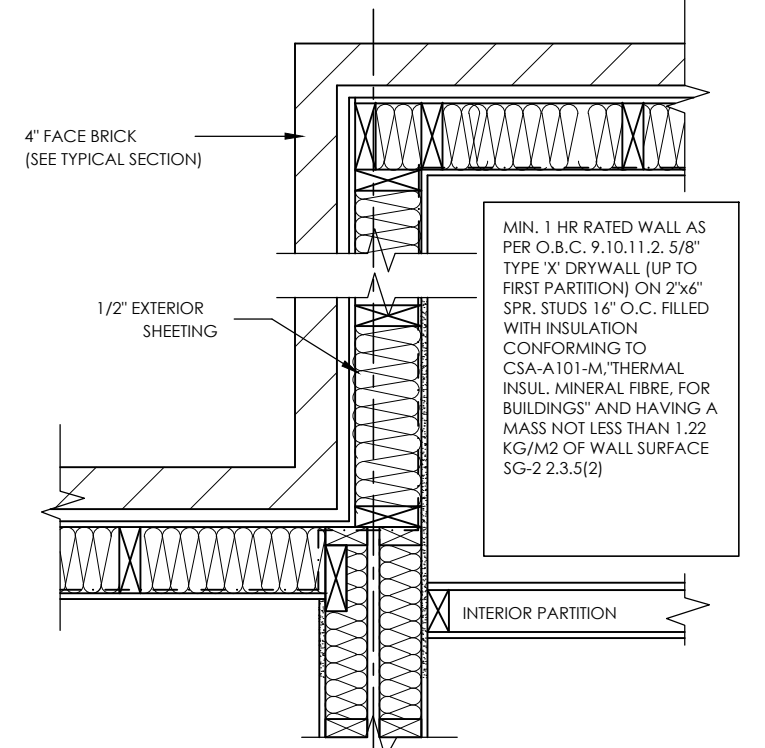
PLAN OF FIRE SEPARATION IN ROOF SPACE TRUSSES PERPENDICULAR TO PARTY WALL



FLOOR JOISTS PARALLEL



PLAN OF PARTY WALL IN GARAGE



PARTY WALL PLAN SECTION

Compliance Package A1

WOOD FRAME PARTY WALL TRUSSES PERPENDICULAR TO PARTY WALL

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Qualification Information

Jamie Mack 35923
Name BCIN Signature
Registration Information Mackitecture 103532

Mackitecture
www.mackitecture.ca
975A Elgin Street West, Suite 353
Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

Party Wall - Wood

scale 3/4" = 1'-0"
date 2023-04-28
by Greenpark
type -
area -
project no. 21-018
sheet no. 4

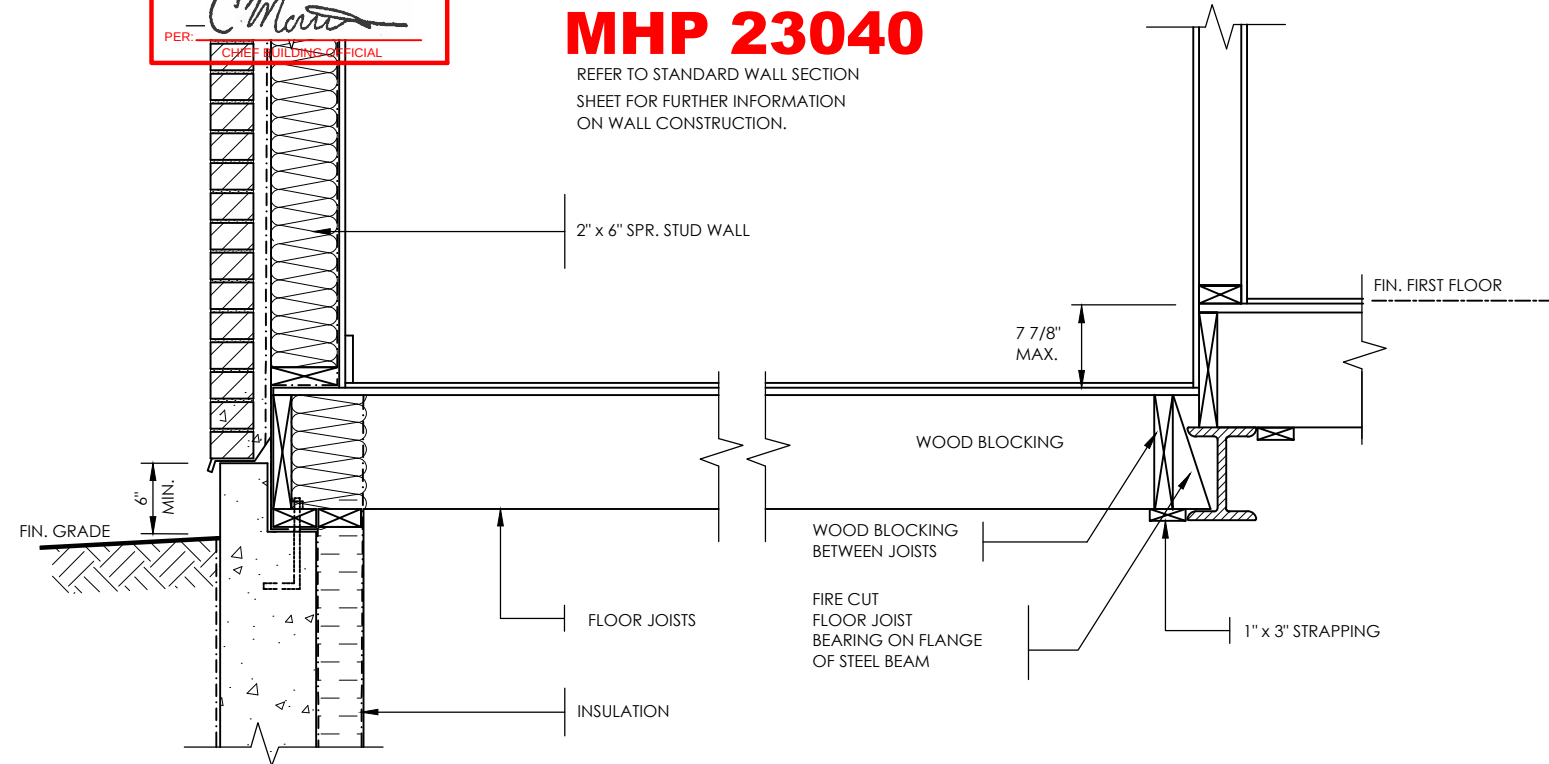
Greenpark
www.greenparkgroup.ca

project name
Zadorra Estates Inc.

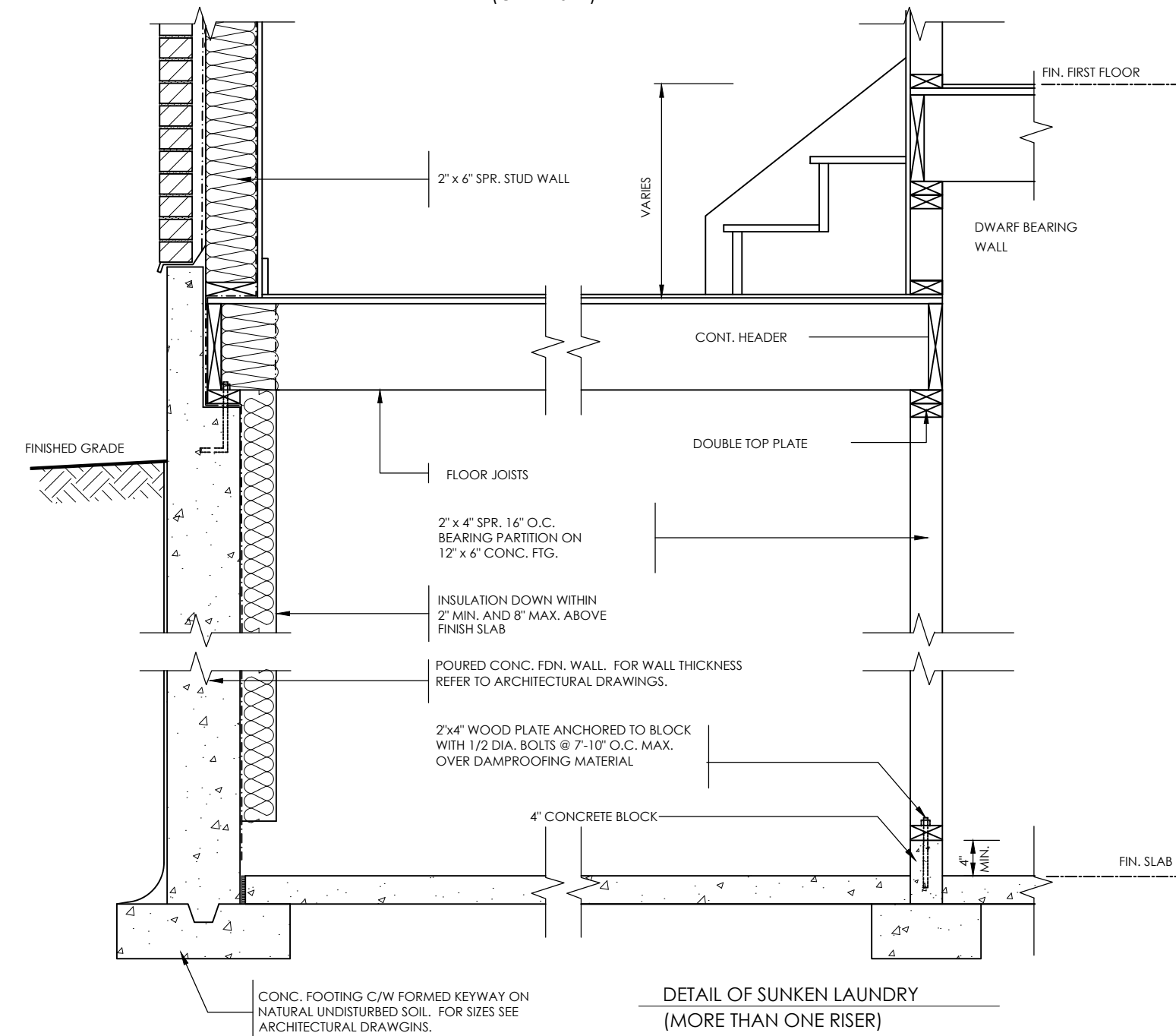
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MHP 23040

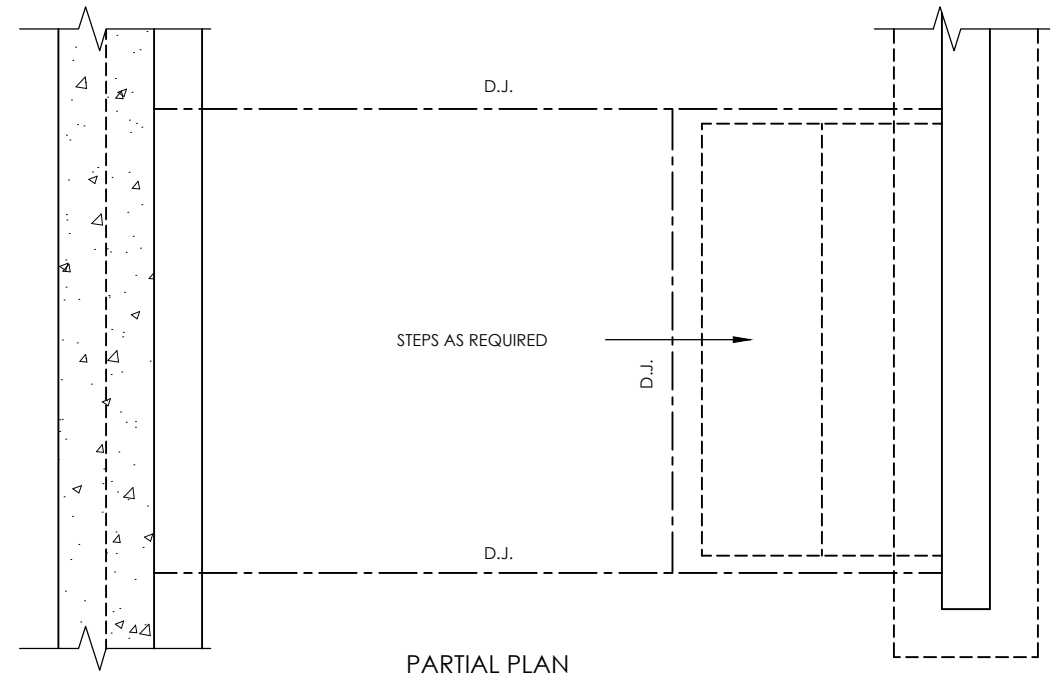
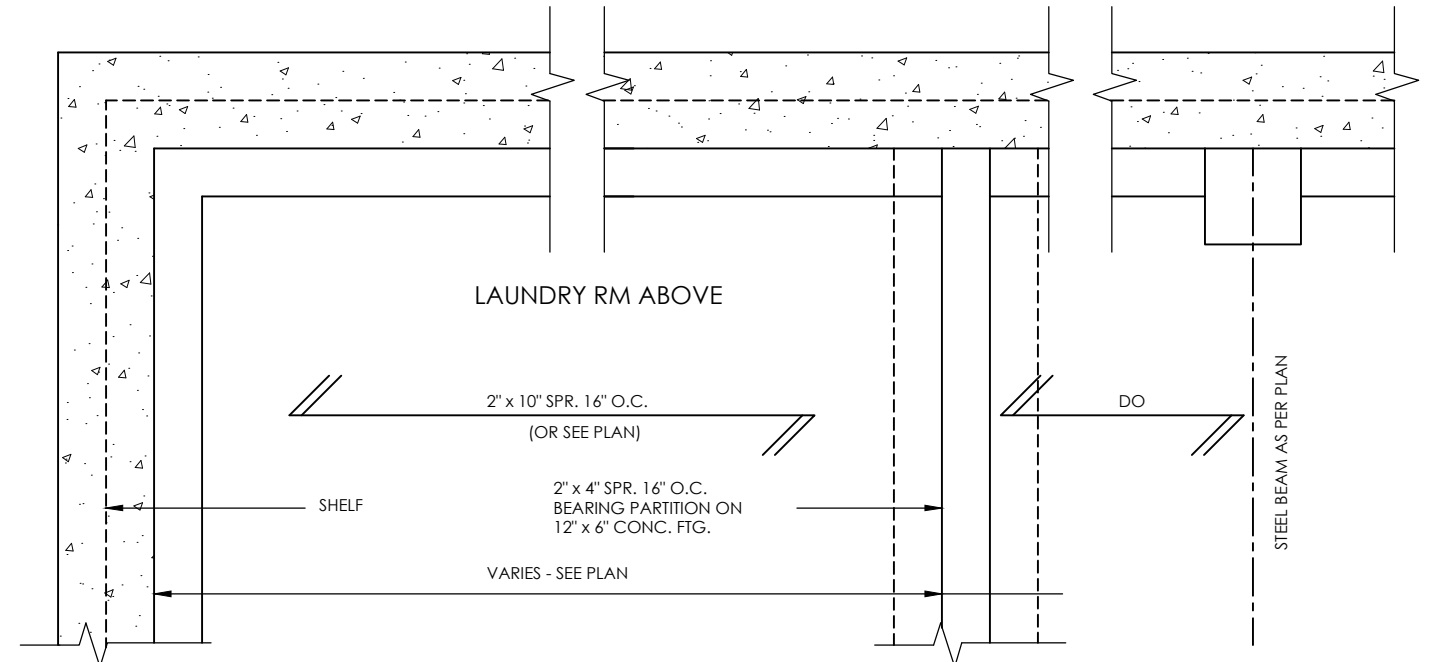
REFER TO STANDARD WALL SECTION
SHEET FOR FURTHER INFORMATION
ON WALL CONSTRUCTION.



DETAIL OF SUNKEN LAUNDRY
(ONE RISER)



DETAIL OF SUNKEN LAUNDRY
(MORE THAN ONE RISER)



Compliance Package A1

Sunken Laundry Details

scale	by	area	sheet no.
3/4" = 1'-0"	Greenpark	-	5
date	type	project no.	
2023-04-28	-	22-012	

Greenpark
www.greenparkgroup.ca

project name
Zadorra Estates Inc.

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Qualification Information

Jamie Mack	35923	<i>Jamie Mack</i>
Name	BCIN	Signature
Registration Information	Mackitecture	103522



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Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

Contractor shall check all dimensions and elevations before commencing
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be scaled.

EAVE PROTECTION
(90mm) U
TH INNER
TH STARTER STRIP AND SHALL CONSIST OF TYPE 'M' OR TYPE 'S' METAL FLASHING
ROOFING SHEETS.

FROM THE EDGE OF ROOF A MIN. 3'-0"
A LINE NOT LESS THAN 1'-0" (300 mm) INSIDE
EAVE PROTECTION SHALL BE PROVIDED TO THE
EAVE PROTECTION SHALL BE PROVIDED TO THE

MHP 23040

210 ASPHALT SHINGLES ON 3/8" PLYWOOD SHEATHING USE 'H'
CLIPS FOR TRUSSES

STARTER STRIP OF ROOF
SHINGLES REQUIRED

SEE PLAN FOR
ROOF SLOPE

2"x5" FASCIA BOARD
PREFINISHED METAL GUTTER,
FASCIA AND VENTED SOFFIT

4" FACE BRICK TIED TO STUDS WITH GALVANIZED
7/8" WIDE METAL TIES @ 16" o.c. HORIZONTAL
AND 24" o.c. VERTICAL

1" AIR SPACE

#15 BUILDING PAPER OVER 7/16" O.S.B.
EXTERIOR SHEATHING, 2"x6" SPR. STUDS @ 16" o.c.
FILLED WITH R-22 INSULATION AND 6 MIL. POLY
VAPOUR BARRIER

CONTINUOUS HEADER JOIST W/ R-22 INSULATION
W/ 6 MIL. VAPOUR BARRIER AND SEAL TO JOIST
AND SUBFLOOR

SCREENED WEEPING HOLES 3/8" DIA. AT 24" o.c.
AT BOTTOM OF CAVITY 6 MIL. POLYETHYLENE
BASE FLASHING BENEATH WEEPING AND 6" UP
BEHIND BUILDING PAPER

HEAVY COAT OF BITUMEN
OVER CONC. WALL

FOUNDATION WALLS TO BE WATER PROOFED OR
PROVIDE A DRAINAGE LAYER ADJACENT TO EXT.
SURFACE OF FOUNDATION WALL AND EXTEND TO
FOOTING LAYER OR PROVIDE 'SYSTEM PLANTON
AIR GAP MEMBRANE'

CEMENT COVE

4" DIA. WEEPING TILES W/6"
CRUSHED STONE COVER

FIN. SLAB

CONC. FOOTING C/W FORMED KEYWAY ON
NATURAL UNDISTURBED SOIL. FOR FOOTING
SIZES SEE ARCHITECTURAL DRAWINGS.

2 STOREY WALL SECTION

PROVIDE ROOF VENTILATION @ A RATE OF
1:300 OF INSULATED CEILING AREA UNIFORMLY
DISTRIBUTED

ROOF TRUSSES @ 24" o.c. MAX. RAISED
HEEL TO MATCH PLATE

TOP OF WOOD PLATE

1/2" (13mm) DRYWALL FINISH OVER
CONT. 6 MIL. POLY VAPOUR/AIR
BARRIER & MIN. R-60 INSULATION

MIN. R22 INSULATION (6") ABOVE
INNER FACE OF EXTERIOR WALL

DOUBLE TOP PLATE

1/2" GYPSUM BOARD

2"x6" BOTTOM PLATE

LAP VAPOUR AND AIR BARRIER
4" AND SECURE TO PLATE

FIN. FLOORING ON 5/8" T&G PLYWOOD

FINISHED SECOND FLOOR
PARALLEL JOISTS:
TJI WOOD BLOCKING
@36" O.C.

FLOOR JOISTS
SEE PLAN

1/2" GYPSUM BOARD
CEILING FINISH

CONTINUOUS TIMBERSTRAND

AIR BARRIER RUN BETWEEN
DOUBLE TOP PLATE AND UP
UNDER FLOOR PLATE

DOUBLE TOP PLATE

1/2" GYPSUM BOARD

SINGLE CONTIN. TIMBERSTRAND

FIN. FLOORING ON 3/4" T&G PLYWOOD

FINISHED FIRST FLOOR

CAULK OR SEAL WITH GASKET

AIR BARRIER SECURED TO PLATE
2"x4" WOOD PLATE ANCHORED TO FOUNDATION WALLS
WITH 1/2" DIA. BOLTS AT 7'-10" o.c. MIN. 4" INTO
FOUNDATION WALL

R-20 BLANKET INSULATION DOWN WITHIN 2" MIN. AND 8"
MAX. ABOVE FINISH SLAB WITH MOISTURE & VAPOUR
BARRIER SEALED AT TOP & BOTTOM

POURED CONC. FDN. WALL. FOR WALL THICKNESS SEE
ARCHITECTURAL DRAWINGS.

CONTINUOUS WATERSTOP (BITUMEN CAULKING)

3" CONCRETE SLAB 25 MPa ON 4" MIN.
COMPACT GRAVEL

1/2" (13mm) DRYWALL FINISH OVER
CONT. 6 MIL. POLY VAPOUR/AIR
BARRIER & MIN. R-31 INSULATION.
(DRYWALL ON THE CEILING ONLY WHEN
THERE IS NO SECOND FLOOR ABOVE
GARAGE)

GARAGE

#15 BUILDING PAPER, 2"x6" SPR.
STUDS @ 16" o.c. FILLED WITH R-22
INSULATION AND 6 MIL. POLY
VAPOUR BARRIER

FIN. FLOORING ON 5/8" T&G PLYWOOD

FINISHED SECOND FLOOR

1/2" GYPSUM BOARD
CEILING FINISH

AIR BARRIER RUN BETWEEN
DOUBLE TOP PLATE AND UP
UNDER FLOOR PLATE

DOUBLE TOP PLATE

DETAIL FOR INTERIOR GARAGE WALLS & CEILINGS

WALL FLASHING

WEEP HOLES

PROTECTION REQ'D
FOR FRAMING MEMBERS

2"x4" WOOD PLATE ANCHORED
TO FOUNDATION WALLS WITH
1/2" DIA. BOLTS AT 7'-10" o.c.
MIN. 4" INTO FOUNDATION WALL

DOVE TAIL TIES @8" o.c.
VERT. & 36" o.c. HORIZ.

SOLID MORTAR FILL

8" FOUNDATION WALL WHEN VENEER CUT IS
EQUAL OR LESS THAN 26".
10" FOUNDATION WALL WHEN VENEER CUT IS
MORE THAN 26".

DETAIL FOR CONCRETE VENEER DROPPED GRADE

EVERY OTHER
BRICK IS OMITTED TO
TIE IN CONC SLAB
MIN. 4" INTO FOUND. WALL

WALL FLASHING

WEEP HOLES

CAULKING

SLOPE

5" MIN. REINF. CONC.
PORCH SLAB. SEE
ARCHITECTURAL
DRAWINGS.

3" MIN.
BEARING

R-20 BLANK
INSULATION FULL
HEIGHT

FOUNDATION WALL

DETAIL FOR COLD CELLAR PORCH SLAB

STRUDET INC.



FOR STRUCTURE ONLY

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Qualification Information

Jamie Mack
Name

35923
BCIN

Registration Information

Mackitecture

103532



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975A Elgin Street West, Suite 353
Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

title

2x6 Brick Veneer
2 Storey

scale

3/4" = 1'-0"

date

2023-04-28

by

Greenpark

type

-

area

-

project no.

22-012

sheet no.

6

project name

Greenpark

www.greenparkgroup.ca

Zadorra Estates Inc.

Compliance Package A1

Nov 21 2023

EAVE PROTECT
(900mm) UP FI
THE INNER FAC
THE STARTER STRIP
ROOFING SHEET

MHP 23040

3M THE EDGE OF ROOF A MIN. 3'-0"
LINE NOT LESS THAN 1'-0" (300mm) INSIDE
EAVE PROTECTION SHALL CONSIST OF TYPE 'M' OR TYPE 'S' AS SHOWN ON PLANBAFFLES AS REQUIRED
FOR ROOF VENTILATIONPROVIDE ROOF VENTILATION @ A RATE OF
1:300 OF INSULATED CEILING AREA UNIFORMLY DISTRIBUTED210 ASPHALT SHINGLES ON 3/8" PLYWOOD SHEATHING USE 'H'
CLIPS FOR TRUSSESSTARTER STRIP OF ROOF
SHINGLES REQUIREDSEE PLAN FOR
ROOF SLOPEROOF TRUSSES @ 24" o.c. MAX. RAISED
HEEL TO MATCH PLATE2"x5" FASCIA BOARD
PREFINISHED METAL
GUTTER, FASCIA AND
VENTED SOFFIT1 1/2"x6" RAISED STUCCO FRIEZE BOARD
(TYP.)

MESH BACKWRAPPED

1/2" (13mm) DRYWALL FINISH OVER
CONT. 6 MIL. POLY VAPOUR/AIR
BARRIER & MIN. R-50 INSULATIONMIN. R-22 INSULATION ABOVE
INNER FACE OF EXTERIOR WALL

DOUBLE TOP PLATE

1/2" GYPSUM BOARD

2"x6" BOTTOM PLATE

LAP VAPOUR AND AIR BARRIER
4" AND SECURE TO PLATE

FIN. FLOORING ON 5/8" T&G PLYWOOD

TOP OF WOOD PLATE

FINISHED SECOND FLOOR

PARALLEL JOISTS:
TJI WOOD BLOCKING
@36" O.C.FLOOR JOISTS
SEE PLAN1/2" GYPSUM BOARD
CEILING FINISH

SINGLE CONT. TIMBERSTRAND

AIR BARRIER RUN BETWEEN
DOUBLE TOP PLATE AND UP
UNDER FLOOR PLATE

DOUBLE TOP PLATE

1/2" GYPSUM BOARD

SINGLE CONTIN. TIMBERSTRAND

FIN. FLOORING ON 3/4" T&G PLYWOOD

FINISHED FIRST FLOOR

- FIN. COAT OF EXTERIOR ACRYLIC STUCCO
- FIBER MESH EMBEDDED IN PREP COAT
- INSULATION BOARD, (MIN. R5) W/ GEOMETRICALLY DEFINED
DRAINAGE CAVITY HAVING A MIN. CAVITY DEPTH OF 1/4"
- AIR/MOISTURE BARRIER
- 7/16" EXTERIOR GRADE OSB SHEATHING
- 2" X 6" STUDS
- MIN. R-22 BATT INSULATION
- CONT. VAPOUR / AIR BARRIER
- 1/2" DRYWALL

(EIFS APPROVED SYSTEM, ALL MATERIALS AND SYSTEMS SHALL
CONFORM TO CAN/ULC-S716.1)

CONCRETE SILL

CONTINUOUS HEADER JOIST W/ R-22 INSULATION W/
6 MIL. VAPOUR BARRIER AND SEAL TO JOIST AND
SUBFLOOR4" FACE BRICK TIED TO STUDS WITH GALVANIZED
7/8" WIDE METAL TIES @ 16" o.c. HORIZONTAL
AND 24" o.c. VERTICALSCREENED WEEPING HOLES 3/8" DIA. AT 24" o.c. AT
BOTTOM OF CAVITY 6 MIL. POLYETHYLENE BASE
FLASHING BENEATH WEEPING AND 6" UP BEHIND
BUILDING PAPER

FIN. GRADE

SLOPE
6" MIN.HEAVY COAT OF BITUMEN
OVER CONC. WALLFOUNDATION WALLS TO BE WATER PROOFED
OR PROVIDE A DRAINAGE LAYER ADJACENT
TO EXT. SURFACE OF FOUNDATION WALL AND
EXTEND TO FOOTING LAYER OR PROVIDE
"SYSTEM PLANTON AIR GAP MEMBRANE"

CEMENT COVE

4" DIA. WEEPING TILES W/6"
CRUSHED STONE COVER

FIN. SLAB

CONC. FOOTING C/W FORMED KEYWAY ON
NATURAL UNDISTURBED SOIL. FOR FOOTING
SIZES SEE ARCHITECTURAL DRAWINGS.CAULK OR SEAL WITH GASKET
AIR BARRIER SECURED TO PLATE
2"x4" WOOD PLATE ANCHORED TO FOUNDATION
WALLS WITH 1/2" DIA. BOLTS AT 7'-10" o.c.
MIN. 4" INTO FOUNDATION WALL
R-20 BLANKET INSULATION DOWN WITHIN 2" MIN. AND 8"
MAX. ABOVE FINISH SLAB WITH MOISTURE & VAPOUR
BARRIER SEALED AT TOP & BOTTOMPOURED CONC. FDN. WALL. FOR WALL THICKNESS SEE
ARCHITECTURAL DRAWINGS.

CONTINUOUS WATERSTOP (BITUMEN CAULKING)

3" CONCRETE SLAB 25 MPa ON
4" MIN. COMPACT GRAVEL

FINISHED SLAB

2 STOREY WALL SECTION



WOOD SHEATHING

AIR/MOISTURE BARRIER

FIBRE MESH EMBEDDED IN
PREP COAT

INSULATION BOARD (R-5) W/
GEOMETRICALLY DEFINED
DRAINAGE CAVITY HAVING A MIN.
CAVITY DEPTH OF 1/4"

STARTER MESH (BACKWRAPPED)

CAULK WITH BEAD VENT

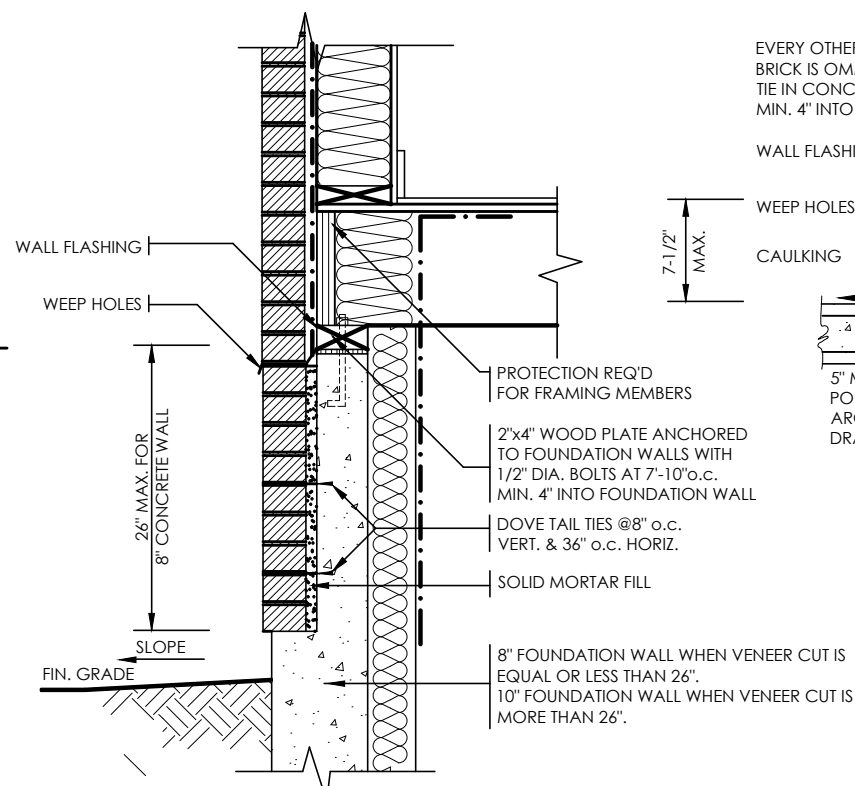
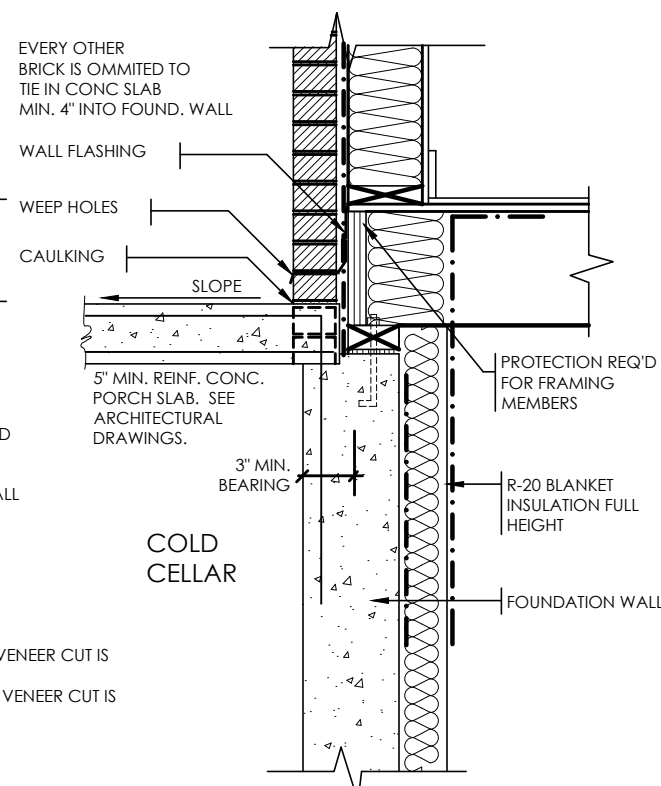
FLASHING

CONCRETE SILL

MASONRY CLADDING AS PER ELEVATION

A. TERMINATION AT MASONRY
CLADDING WITH SEALANT

1 1/2" = 1'0"

DETAIL FOR CONCRETE
VENEER DROPPED GRADE

DETAIL FOR COLD CELLAR PORCH SLAB

Compliance Package A1

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Qualification Information

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Name

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103532



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975A Elgin Street West, Suite 353
Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

2x6 Stucco Wall
2 Storeyscale
as notedby
Greenparkarea
-

sheet no.

6-2

date
2023-04-28type
-project no.
22-012

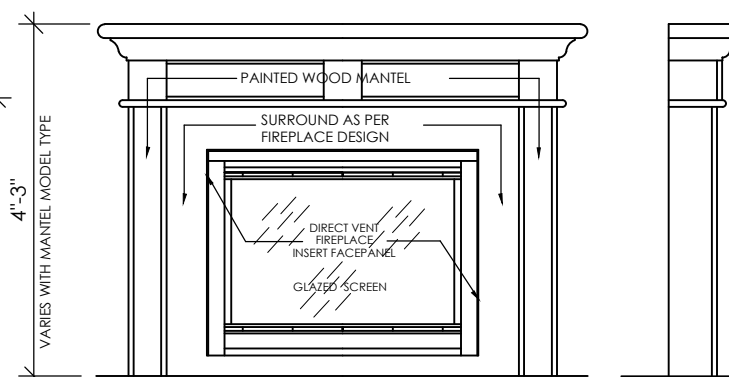
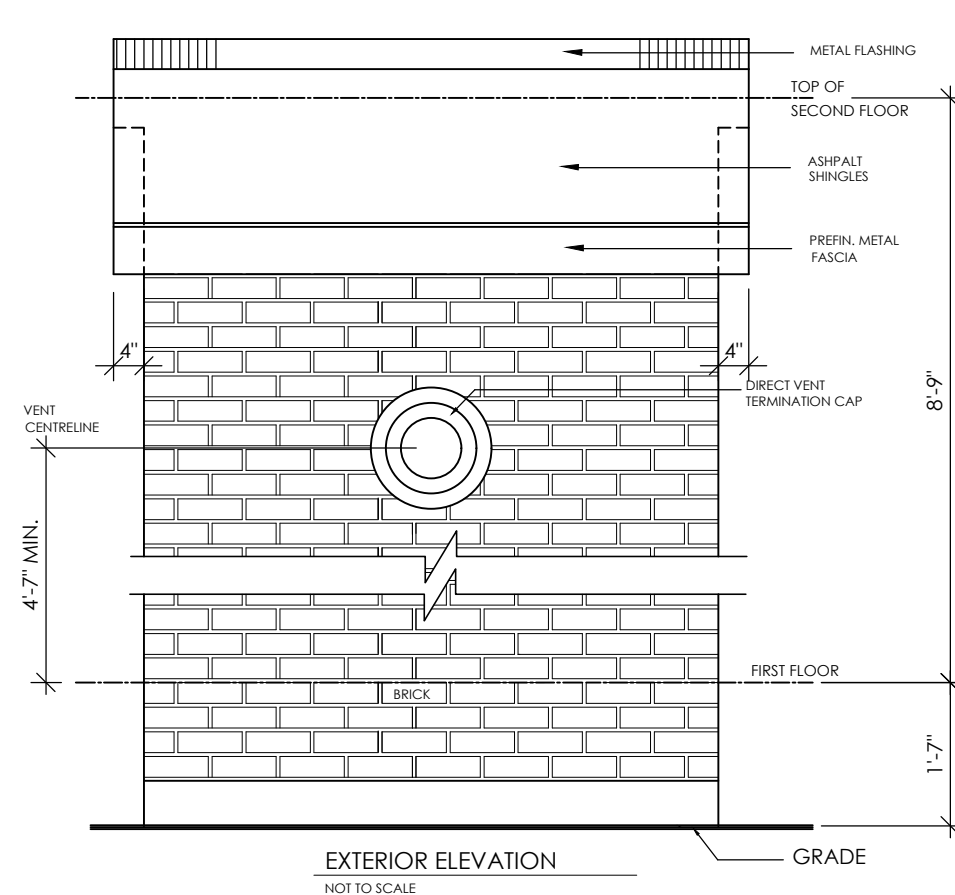
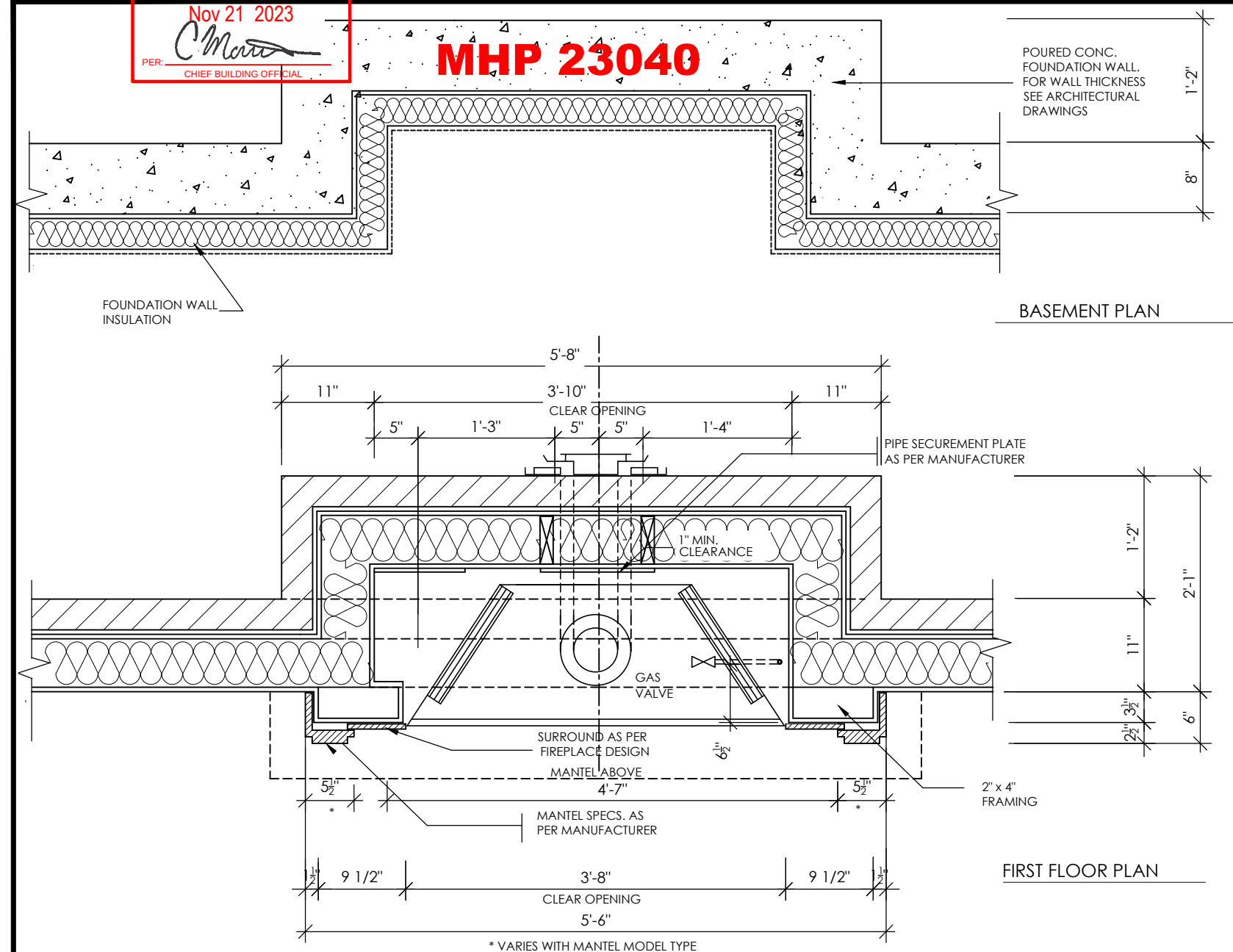
www.greenparkgroup.ca

project name

Zadorra Estates Inc.

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MHP 23040

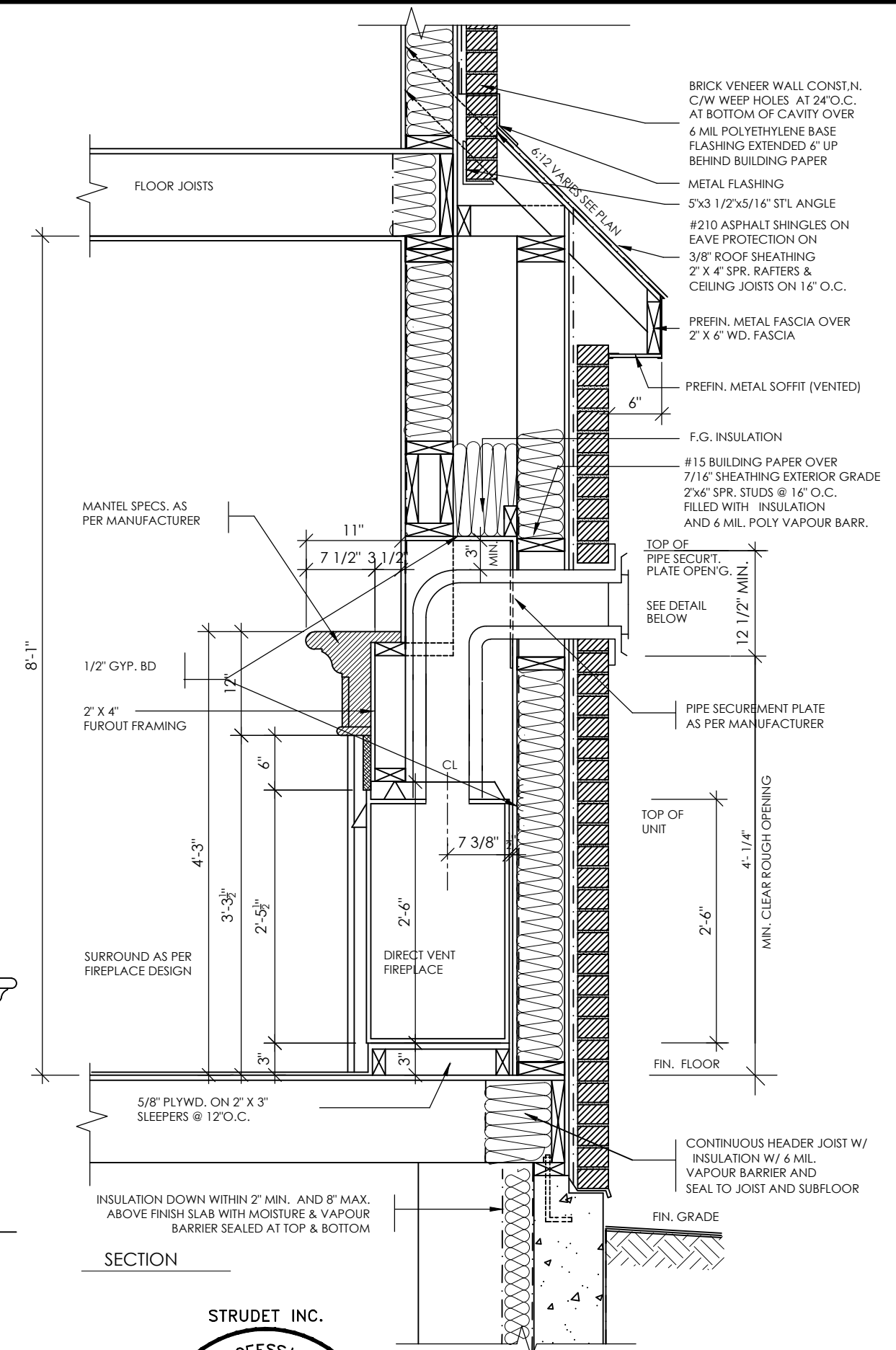


FRONT/SIDE ELEVATION

NOT TO SCALE

GENERAL INSTALLATION NOTES

- 1.0 UNIT INSTALLATION TO STRICTLY CONFORM TO MANUFACTURERS INSTALLATION MANUAL AND ALL APPLICABLE CODES OF LOCAL AUTHORITIES HAVING JURISDICTION INCLUDING CAN/CGA-81.49.1 & 2.
- 2.0 INSTALL WITH THE FOLLOWING MINIMUM CLEARANCES TO COMBUSTIBLES:
 - FROM TOP OF UNIT 0"
 - FROM BACK OF UNIT 1/2"
 - FROM SIDES OF UNIT 1/2"
 - FROM TOP OF HORIZ. VENT 3"
 - FROM SIDES TO VENT 1"
- 3.0 THE DIRECT VENT UNIT ILLUSTRATED IS THE GC150 MODEL AS MANUFACTURED BY HEATILATOR.
- 4.0 THE MANTEL ILLUSTRATED IS THE S-2 GB AS SUPPLIED BY GREATER TORONTO FIREPLACE.



SECTION

STRUDET INC.



FOR STRUCTURE ONLY

Compliance Package A1

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Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

	title
--	-------

Direct Vent Fireplace Conventional Framed Roof

scale

by
Greenpark

area	
------	--

sheet no.

7

date	2023-04-28
------	------------

type	-
------	---

project no.	22-012
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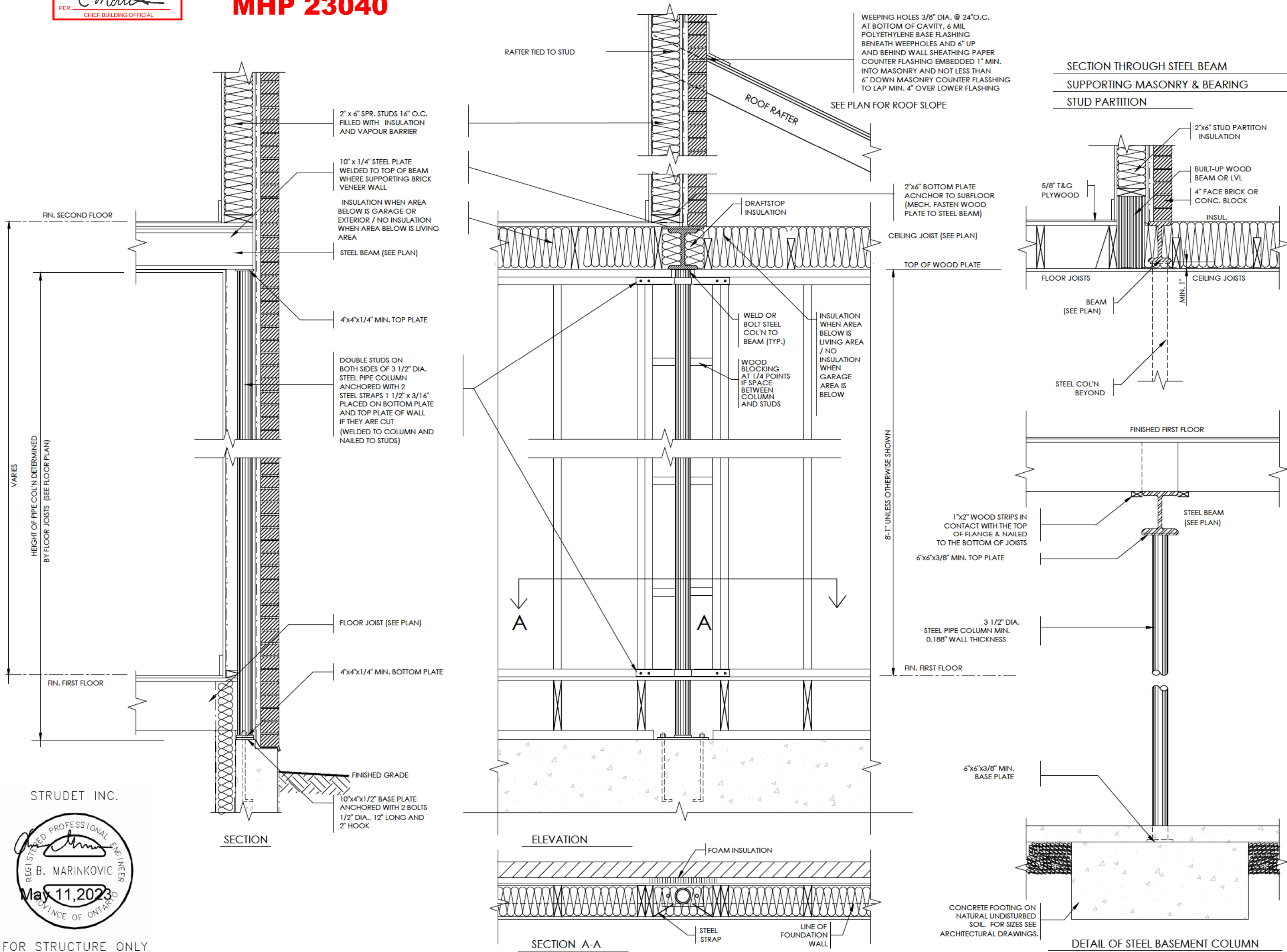
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 **Greenpark**
www.greenparkgroup.ca

project name

Zadorra Estates Inc.

MHP 23040



STRUDET INC.
REGISTERED PROFESSIONAL ENGINEER
B. MARINKOVIC
May 11, 2023
PROVINCE OF ONTARIO
FOR STRUCTURE ONLY

The undersigned has reviewed and takes responsibility for this design, as well as having the qualifications and requirements mandated by the Ontario Building Code (O.B.C.) to be a Designer.

Qualification Information

Jamie Mack 35923
Name BCIN Signature

Registration Information Mackitecture 103532

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Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

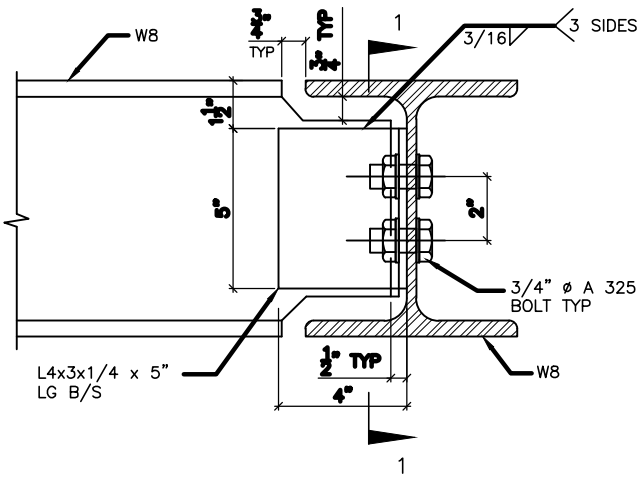
Steel Column Details

scale	3/4" = 1'-0"	by	Greenpark	area	-	sheet no.	9
date	2023-05-12	type	-	project no.	22-012		

Greenpark
www.greenparkgroup.ca

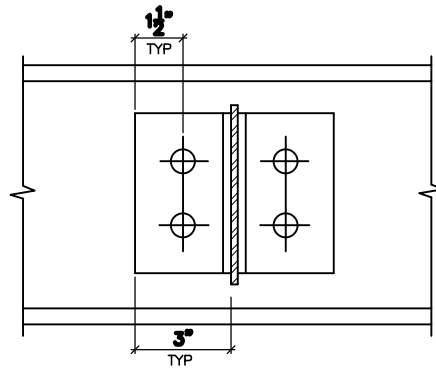
project name
Zadorra Estates Inc.

MHP 23040

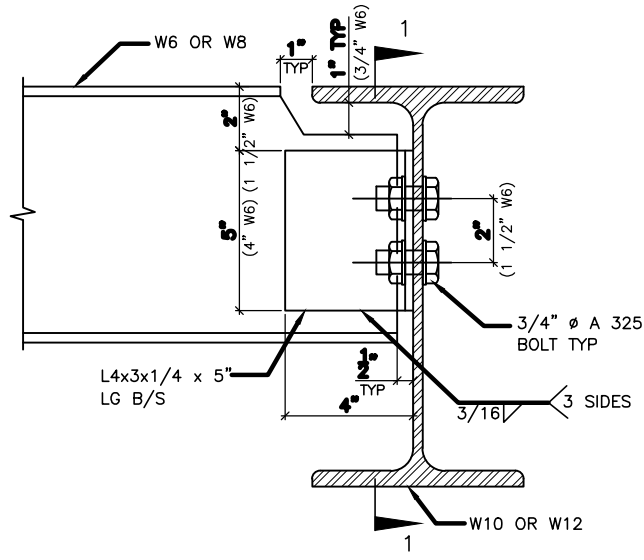


DETAIL 1.

W8
TO
W8
CONNECTION

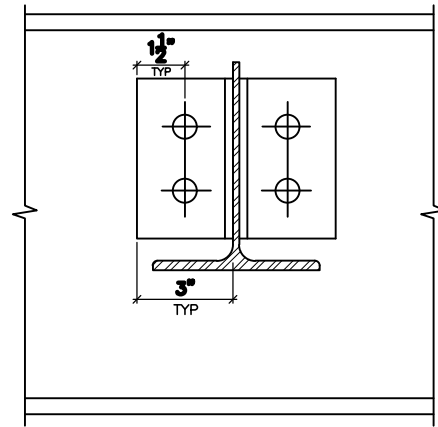


SECTION 1-1

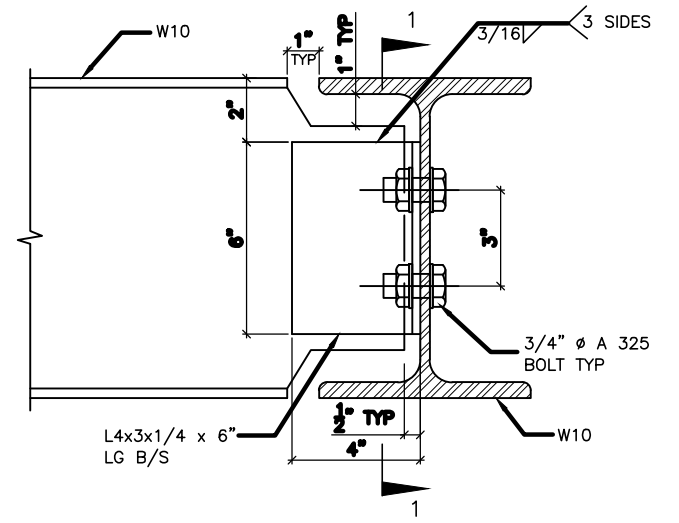


DETAIL 2.

W6(W8)
TO
W10(W12)
CONNECTION

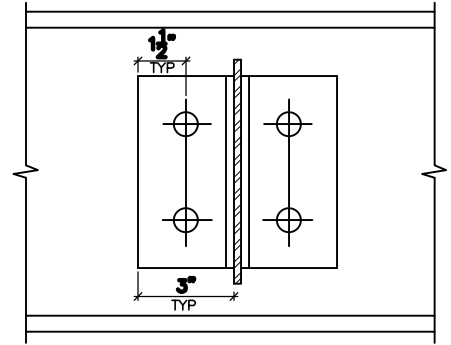


SECTION 1-1

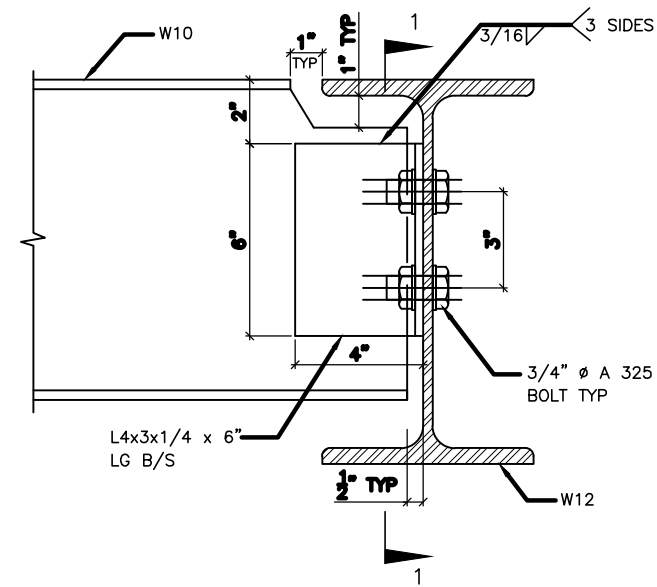


DETAIL 3.

W10
TO
W10
CONNECTION

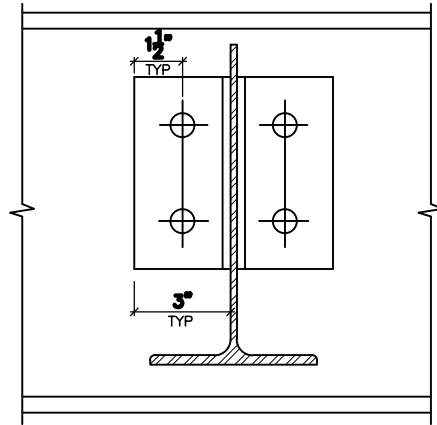


SECTION 1-1

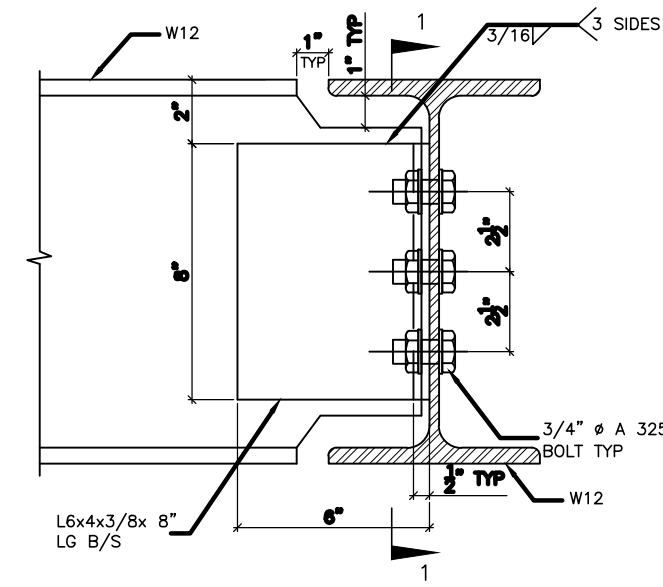


DETAIL 4.

W10
TO
W12
CONNECTION

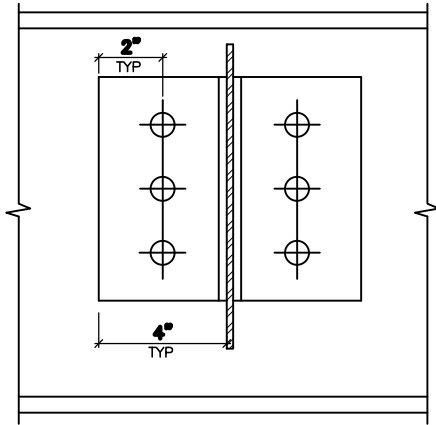


SECTION 1-1

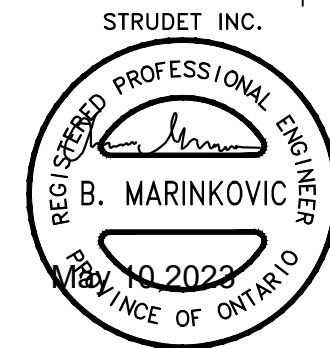


DETAIL 5.

W12
TO
W12
CONNECTION



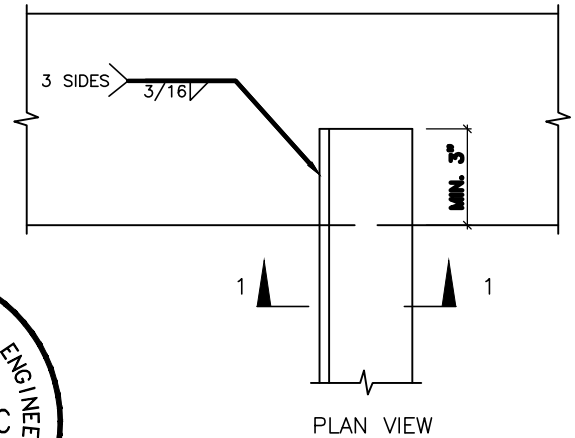
SECTION 1-1



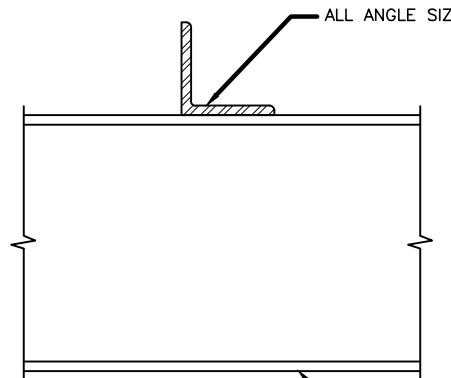
FOR STRUCTURE ONLY

DETAIL 6.

ANGLE
TO
BEAM
CONNECTION



PLAN VIEW



SECTION 1-1

Compliance Package A1

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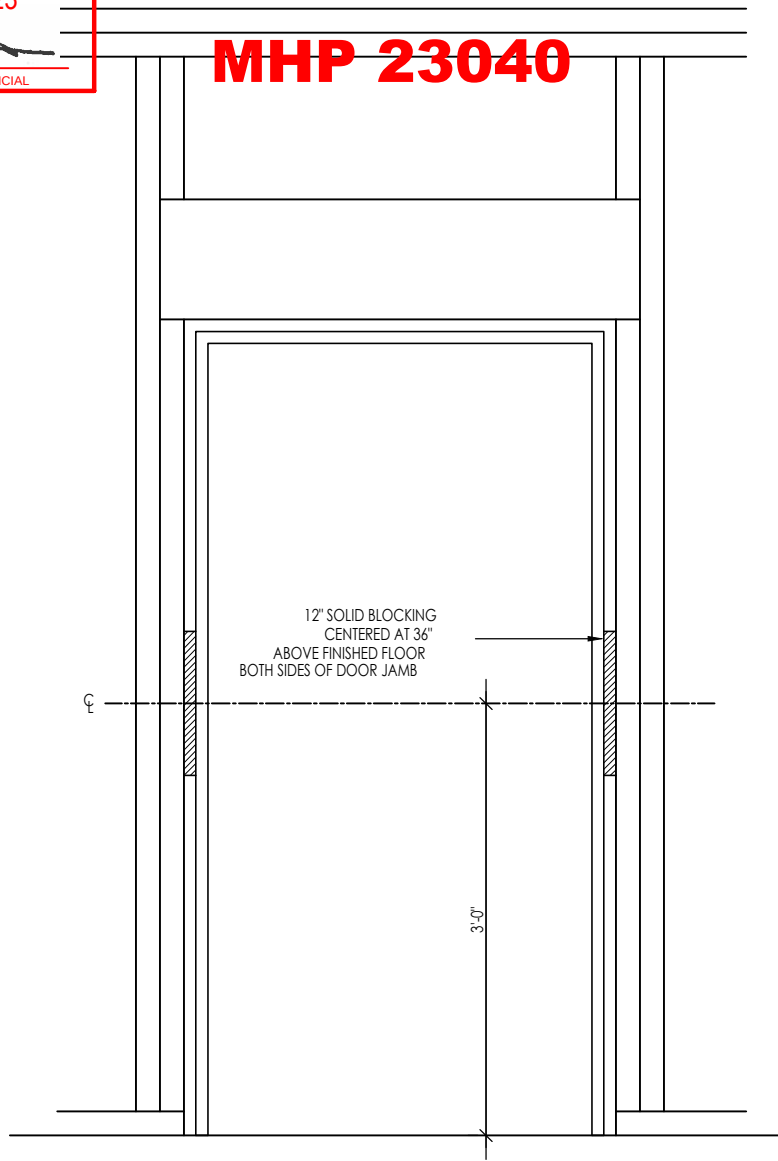
Steel Beam Connection Details

scale	not to scale	by	Greenpark	area	-	sheet no.	10
date	2023-04-28	type	-	project no.	22-012		

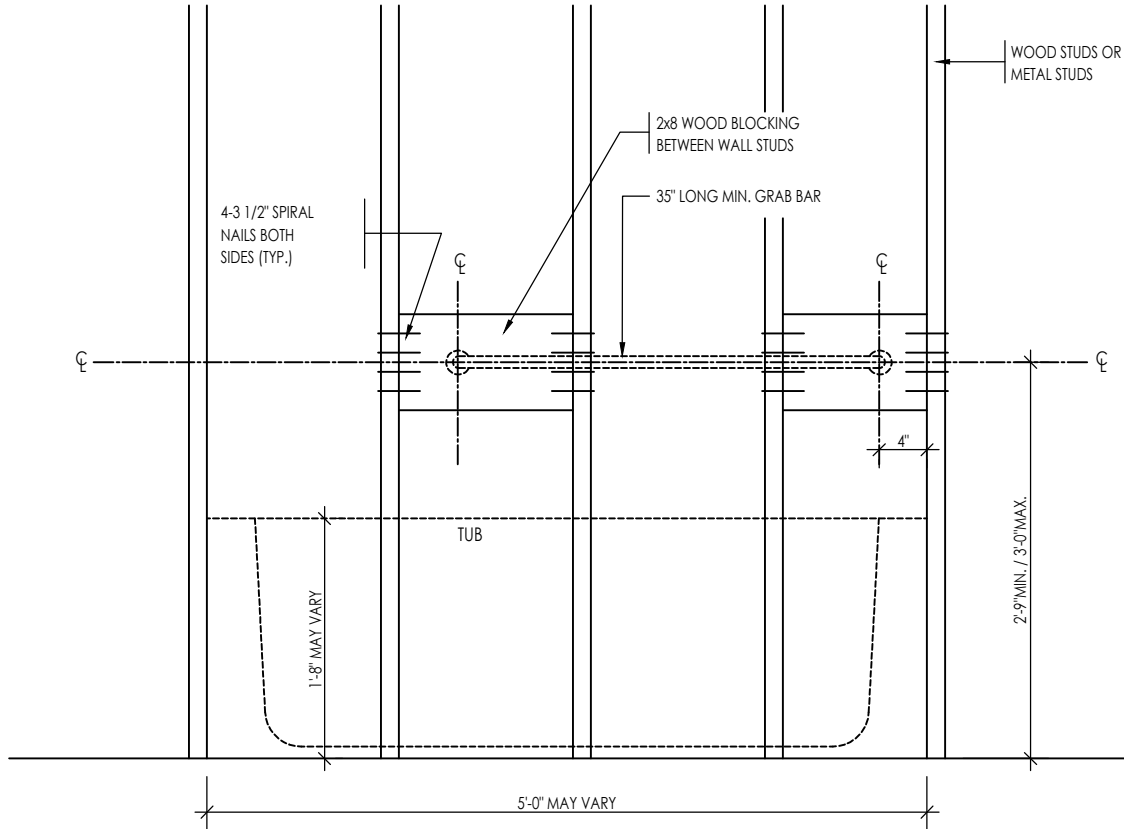
www.greenparkgroup.ca

project name
Zadorra Estates Inc.

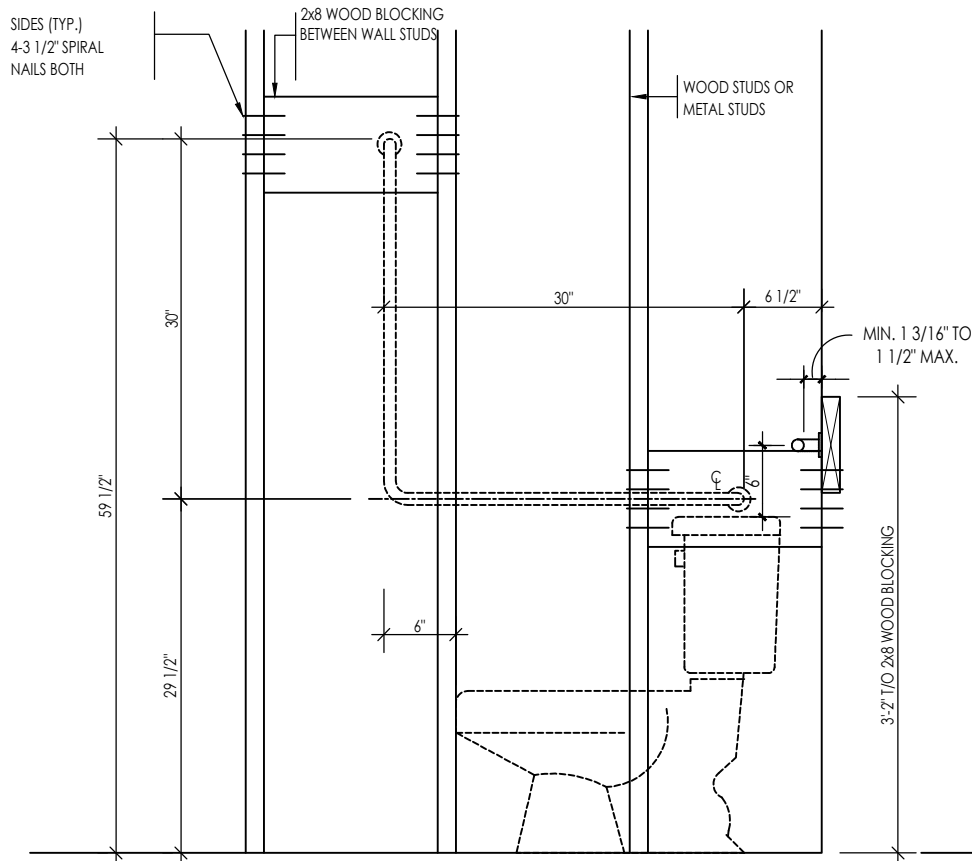
MHP 23040



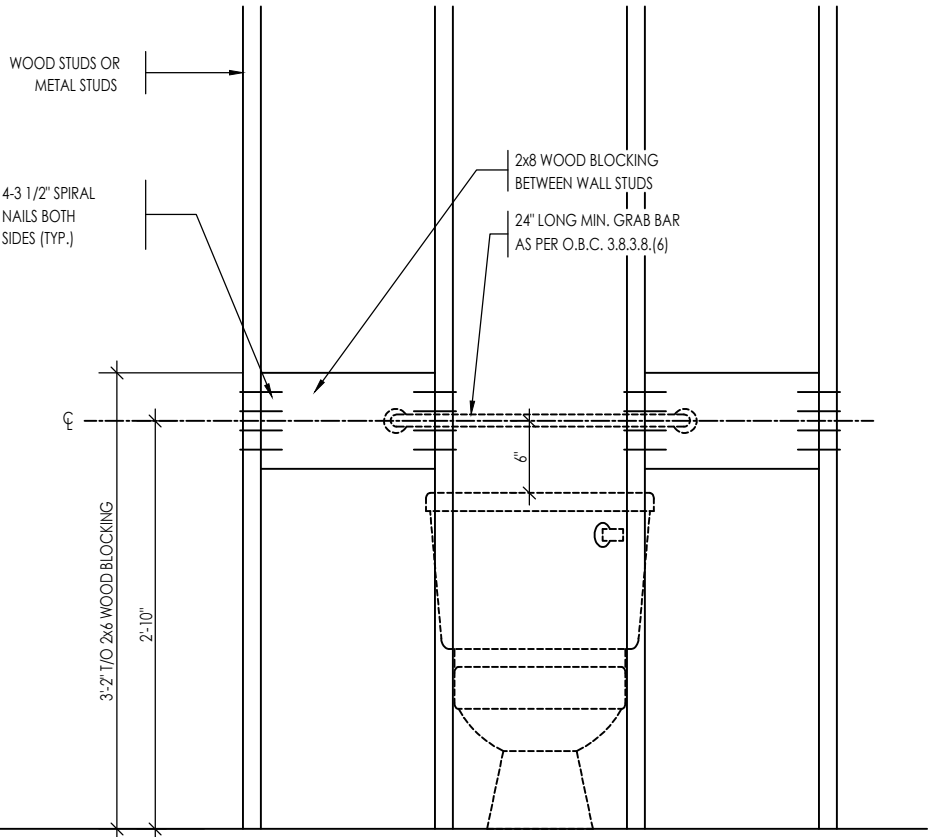
RESISTANCE TO FORCED ENTRY (OBC 9.6.8.)



BATH TUB FRONT ELEVATION



TOILET SIDE ELEVATION



TOILET FRONT ELEVATION

STRUCTURAL REINFORCEMENT FOR GRAB BAR (OBC 9.5.2.3.)



Compliance Package A1

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title **Blocking Details for Forced Entry
and Main Bath Grab Bars**

scale 3/4" = 1'-0"	by Greenpark	area -	sheet no. 11
date 2023-04-28	type -	project no. 22-012	

www.greenparkgroup.ca

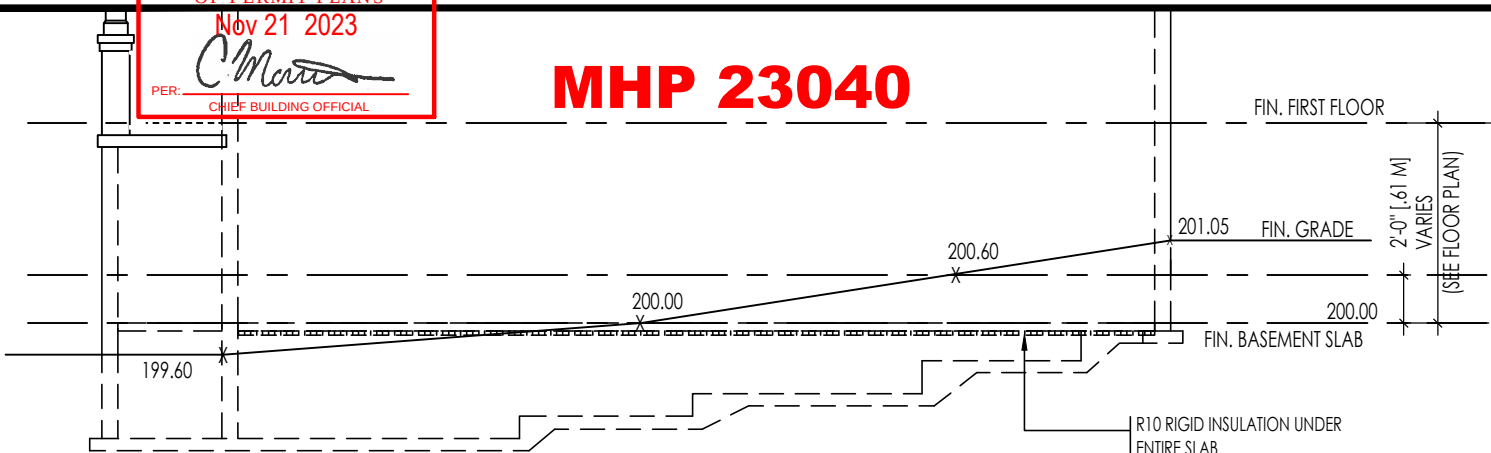
project name
Zadorra Estates Inc.



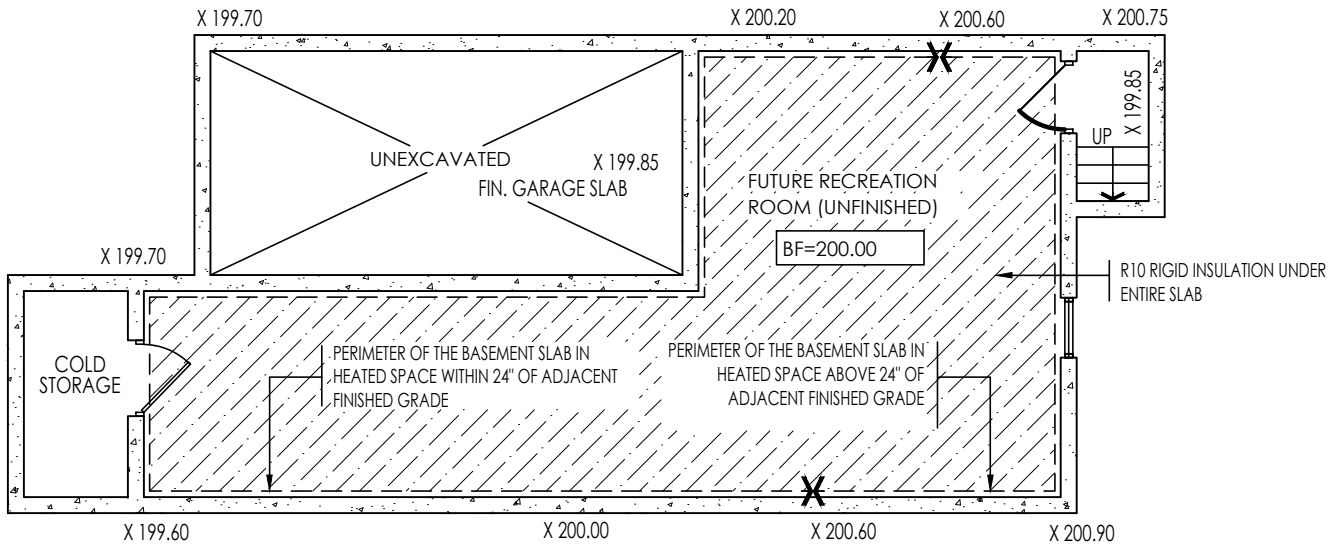
Compliance Package A1

Drawing created with Mackitecture v.1.0.0 (build 2643). File P:\2022\22-012-GREENPARK-ZADORRA-OSHAWA\UNITS\WORKING\DETAILS\DETAILS 12 - STUCCATO BOARD PACKAGE A1.DWG plotted on 2023-04-28 at 1:25:31 PM by JMACK

MHP 23040



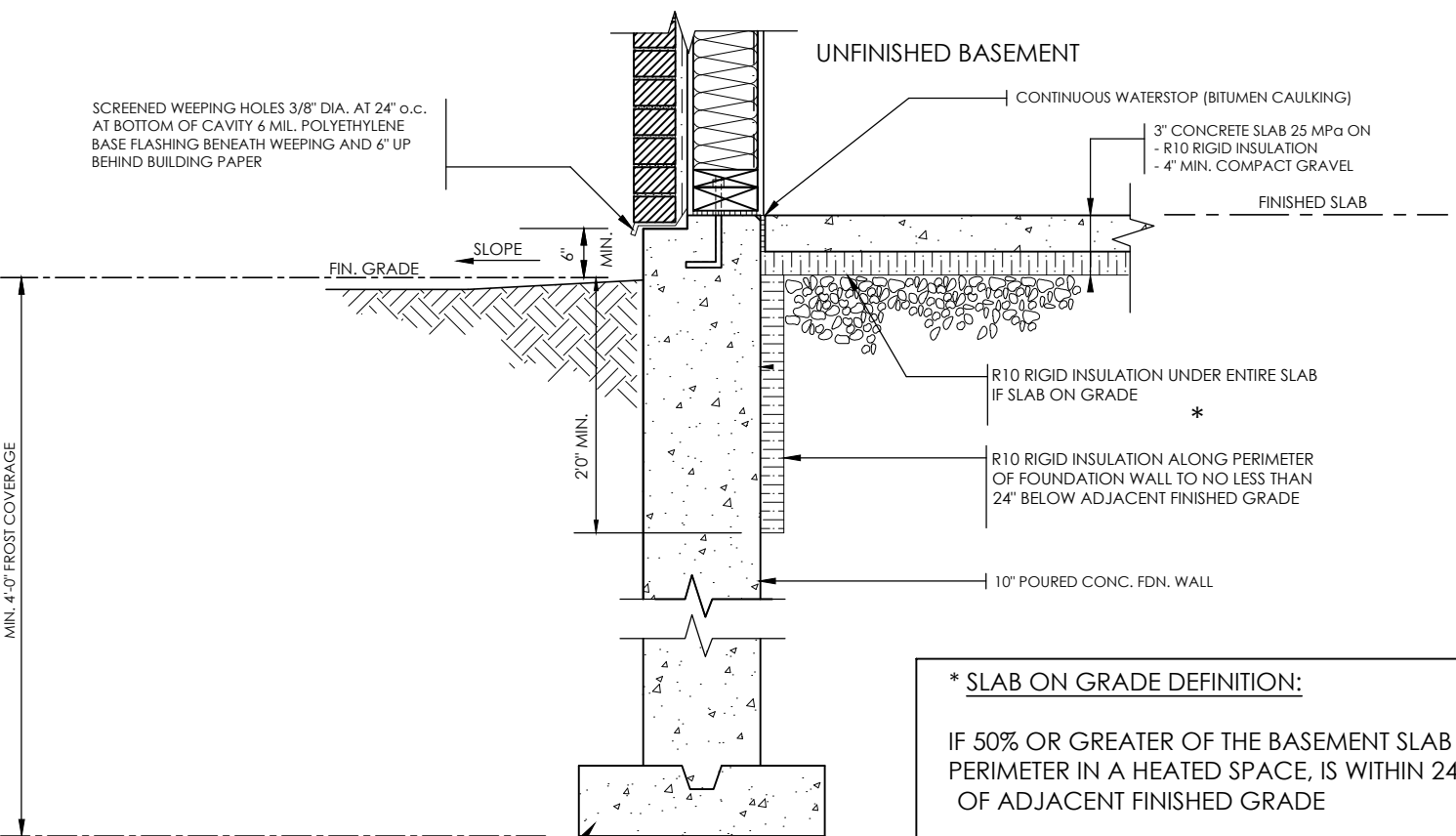
TYPICAL RIGHT SIDE ELEVATION



TYPICAL BASEMENT PLAN

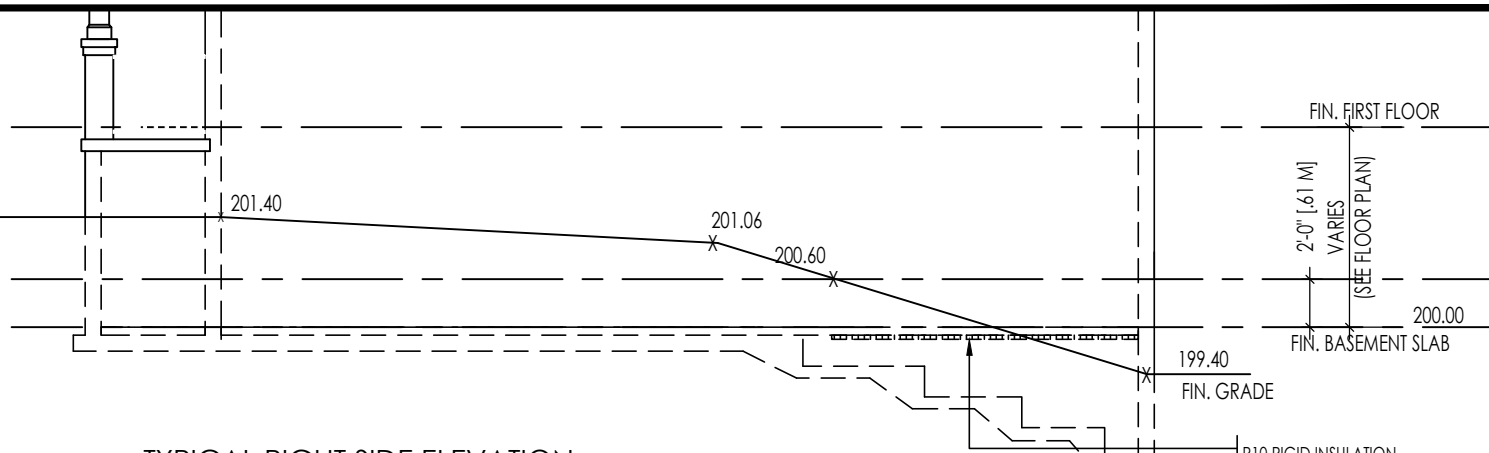
SLAB ON GRADE CONDITION

NOTES:
1. LEVELS SHOWN ON THE PLANS ARE FOR ILLUSTRATION PURPOSE ONLY. SEE FINAL GRADING PLAN FOR ACTUAL LEVELS
2. ALL LEVELS ARE SHOWN IN METRIC

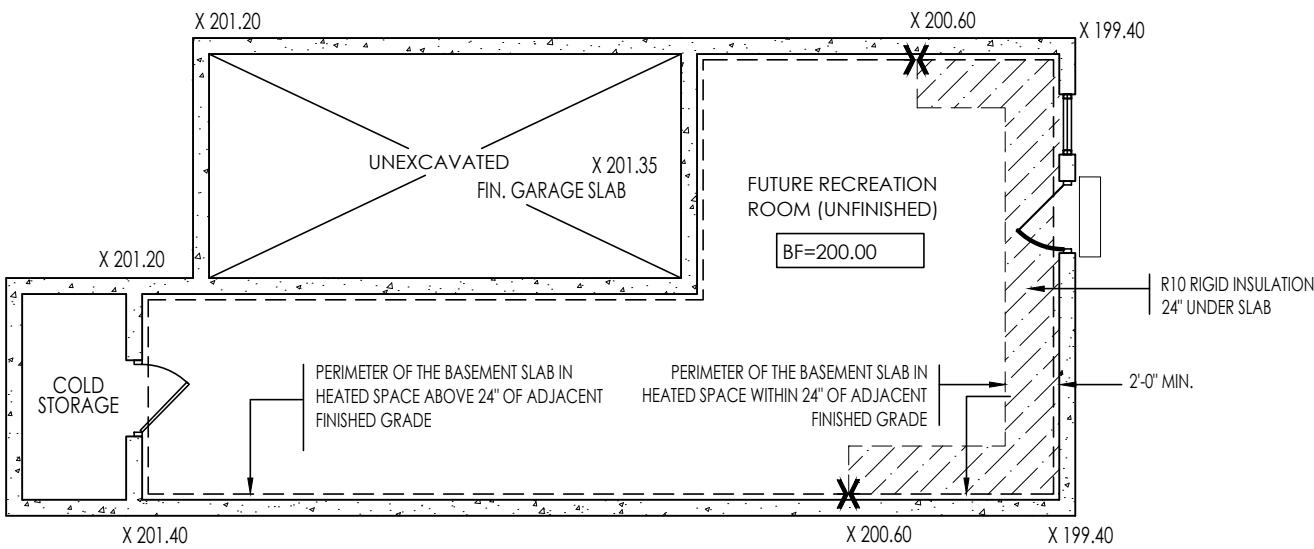


SLAB ON GRADE

* SLAB ON GRADE DEFINITION:
IF 50% OR GREATER OF THE BASEMENT SLAB PERIMETER IN A HEATED SPACE, IS WITHIN 24" OF ADJACENT FINISHED GRADE



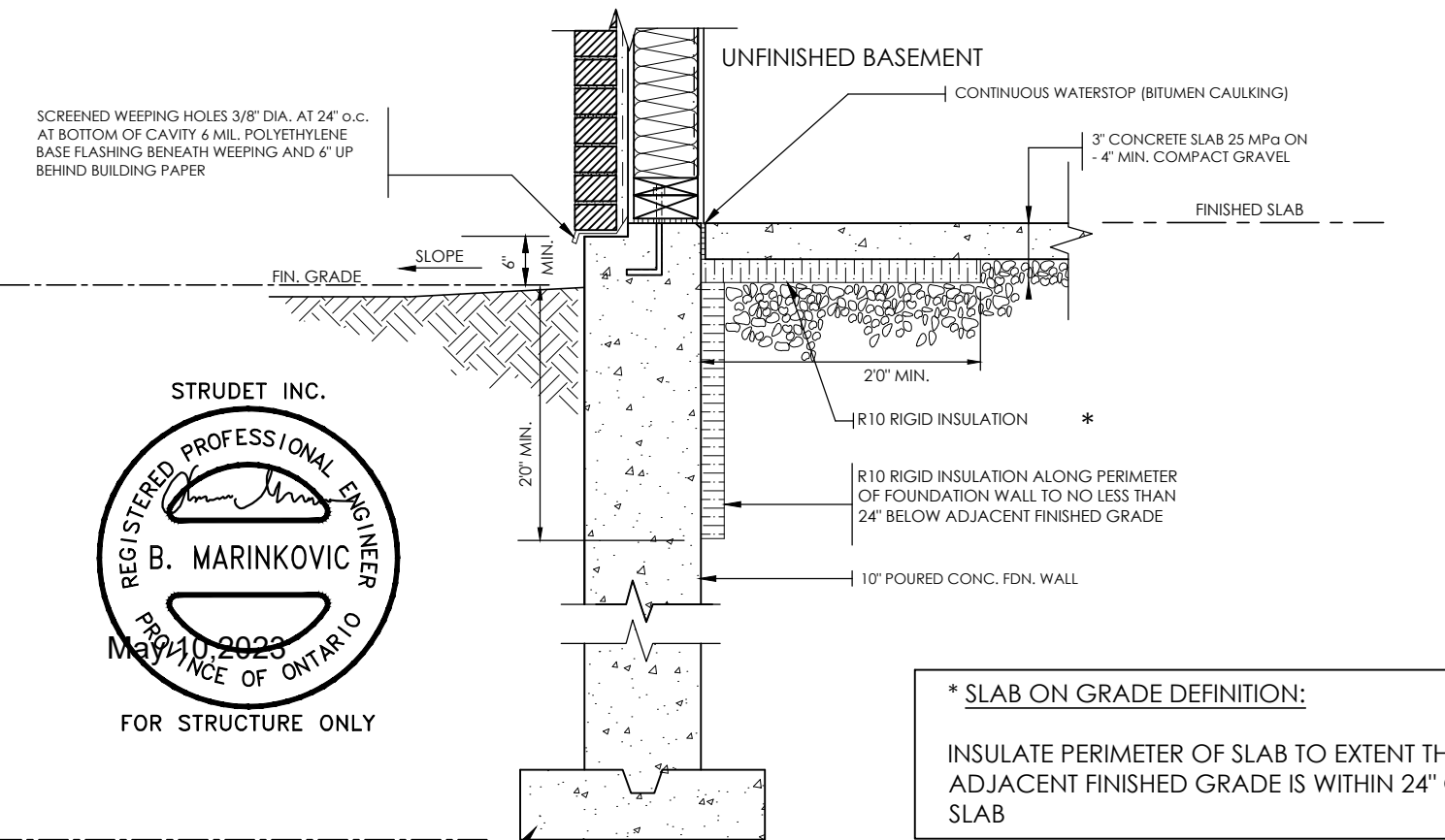
TYPICAL RIGHT SIDE ELEVATION



TYPICAL BASEMENT PLAN

WALK OUT BASEMENT CONDITION

NOTES:
1. LEVELS SHOWN ON THE PLANS ARE FOR ILLUSTRATION PURPOSE ONLY. SEE FINAL GRADING PLAN FOR ACTUAL LEVELS
2. ALL LEVELS ARE SHOWN IN METRIC



WALK OUT BASEMENT

* SLAB ON GRADE DEFINITION:
INSULATE PERIMETER OF SLAB TO EXTENT THAT ADJACENT FINISHED GRADE IS WITHIN 24" OF SLAB



CONC. FOOTING C/W FORMED KEYWAY ON NATURAL UNDISTURBED SOIL. FOR FOOTING SIZES SEE ARCHITECTURAL DRAWINGS.

Compliance Package A1

Slab On Grade for Walkout Basement

scale	by	area	sheet no.
not to scale	Greenpark	-	13
date	type	project no.	
2023-04-28	-	22-012	



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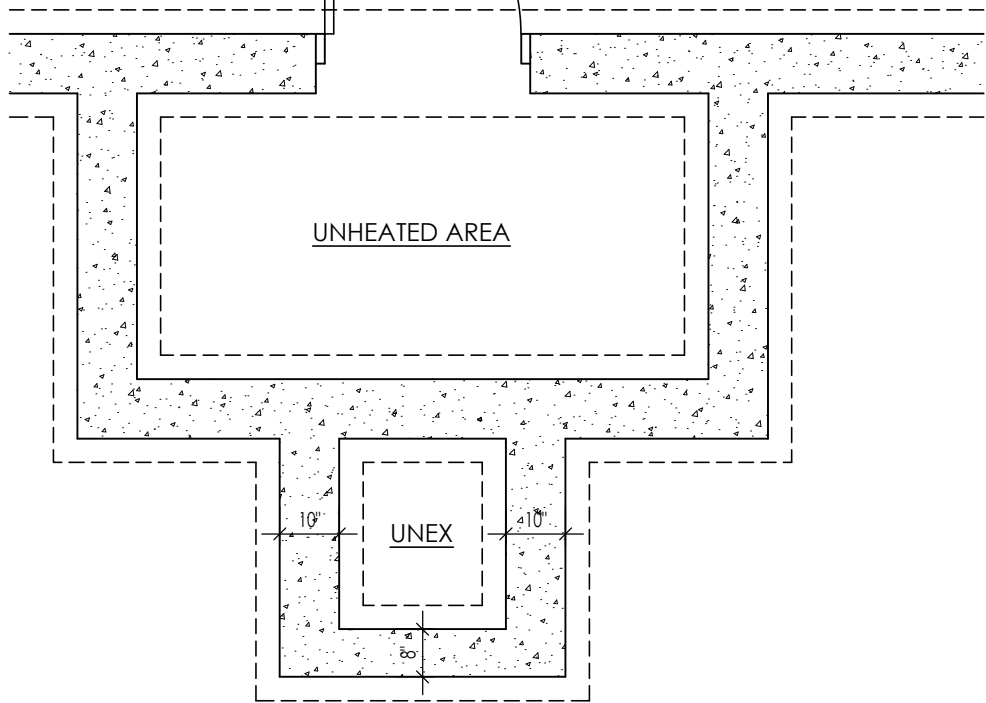
Jamie Mack	35923	Signature
Name	BCIN	
Registration Information	Mackitecture	103532



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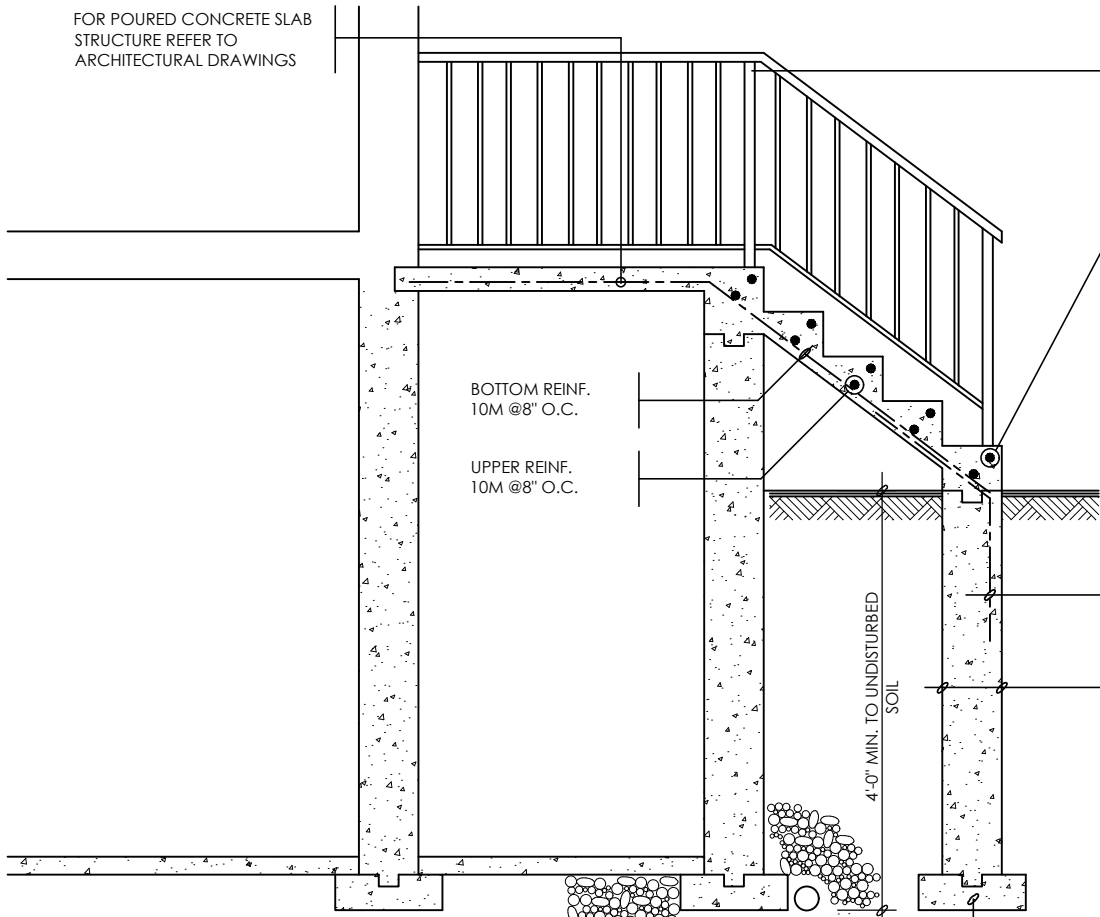
FOUNDATION PLAN

FOR POURED CONCRETE SLAB
STRUCTURE REFER TO
ARCHITECTURAL DRAWINGS

GUARD &
HANDRAIL

NOSING REINF.
W/ 10M BARS

GROUND FLOOR PLAN



SECTION 'A'

CLEAR SPACING BETWEEN
PICKETS TO BE 4" MAX. NO
MEMBER BETWEEN 4" &
2'-11" ABOVE SLAB

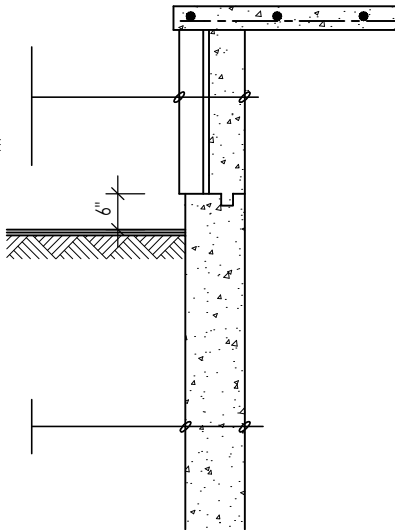
NOSING REINF.
W/ 10M BARS

MASONRY EXTERIOR
FACING. FILL SPACE
BETWEEN WALL &
FACING W/ MORTAR &
PROVIDE METAL TIES SEE
NOTE '2'

10M @8" O.C.
DOWELS TO MATCH
BOTTOM REINF.

POURED FDN. WALL

6" X16" POURED
CONC.
FOOTING



SECTION 'B'

GENERAL NOTES

- EXTERIOR STAIRS
7 7/8" RISE MAXIMUM
8 1/4" RUN MINIMUM
9 1/4" TREAD MINIMUM
- MASONRY TIES
WHEN BRICK FACING IS USED ABOVE GROUND LEVEL,
PROVIDE 3/16" DIA. CORROSION RESISTANT METAL
TIES @ 36" HORIZONTAL & 8" VERTICAL
- GUARDS
ARE REQUIRED AROUND CONCRETE SLAB IF MORE
THAN 2'-0" 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'-11" ABOVE GRADE. MINIMUM 42"
HIGH FOR GREATER HTS.
- HANDRAIL
ARE REQUIRED WHERE STEPS HAVE MORE THAN 3
RISERS. HANDRAIL HEIGHT 31" - 38".
- FOUNDATION WALLS
THICKNESS OF FOUNDATION WALLS IS DEPENDANT
UPON VENEER CUT 8" FOR UP TO 26" VENEER CUT
HEIGHT 10" FOR VENEER CUT OVER 26" HIGH
- CONCRETE
MINIMUM CONCRETE STRENGTH SHALL BE 4650 PSI
[32MPa] W/ 5%-8% AIR ENTRAINMENT MINIMUM
CONCRETE SLAB THICKNESS 5"
- CONCRETE COVER
PROVIDE MINIMUM 3/4" CLEAR CONCRETE COVER
TO REINFORCING BARS

NOTE: FOR MORE THAN 8 RISERS



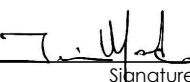
Compliance Package A1

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title
Poured Concrete Stairs

scale 3/8" = 1'-0"	by Greenpark	area -	sheet no. 14
date 2023-04-28	type -	project no. 22-012	


www.greenparkgroup.ca
project name
Zadorra Estates Inc.