

NORTH ELEVATION SCALE: 1/4'=1'-0'

ABBREVIATIONS:

UNO - UNLESS NOTED OTHERWISE TYP - TYPICAL

U/S - UNDER SIDE

C/W - COMPLETE WITH

R.O. - ROUGH OPENING O.C. - ON CENTER

LBW - LOAD BEARING WALL

T/O - TOP OF SH - SHELF

COL - COLUMN

CJ - CONTROL JOINT

WD - WOOD CONC - CONCRETE

PREFIN - PREFINISHED FLR - FLOOR

CLG - CEILING HT - HEIGHT

ELEVATION NOTES:

- WINDOWS AND DOOR SIZES SHOWN DO NOT INCLUDE ROUGH OPENING DIMENSIONS. WINDOW SUPPLIER TO PROVIDE EXACT ROUGH OPENINGS PRIOR TO FRAMING.
- 2. WINDOWS AND DOORS TO ILLUSTRATE DIRECTION OF OPERATION, OBSCURE GLASS,
- 3. TYPICAL MOUNTING HEIGHTS DIMENSIONED. ADJUST MOUNTING HEIGHT TO MATCH R.O. OF AN ADJACENT DOOR WHEN THEY ARE WITHIN THE SAME ROOM
- 4. SEE FRONT ELEVATIONS FOR EXTERIOR FINISHES & DETAILS. ONLY UNIQUE FINISHES & DETAILS WILL BE NOTED ON REMAINING ELEVATIONS.

GENERAL NOTES:

- 1. BUILDER TO CONFORM TO NATIONAL BUILDING CODE OF CANADA (2010) PART 9.
- 2. DRAWINGS NOT TO BE SCALED.
- 3. BUILDER SHALL SATISFY HIMSELF THAT ALL DIMENSIONS, DATUMS, AND INFORMATION SHOWN ARE CORRECT. VERIFY ALL DIMENSIONS ON SITE.
- 4. DIMENSIONS ARE TAKEN TO EXTERIOR FACE OF WALL SHEATHING FOR EXTERIOR WALLS AND TO CENTERLINE OF INT PARTITIONS U.N.O. DIMENSIONS WILL GO TO FACE OF FRAMING WHERE THERE ARE FLOOR OR CEILING FRAMING CHANGES, AND AT TUB/SHOWER UNITS.
- 5. NO MODIFICATIONS PERMITTED TO STRUCTURE WITHOUT WRITTEN APPROVAL OF BUILDER'S STRUCTURAL ENGINEER.
- 6. ALL BEAMS & HEADERS TO BE SIZED BY OTHERS TO SUIT STRUCTURAL LOADING.
- 1. IF THERE IS A DISCREPANCY BETWEEN THE DRAWINGS AND THE BUILDERS SPECS, THE SPECS SHALL OVERRULE THE DRAWINGS.

TYDK



PROJECT SINGLE FAMILY

LOT 16 5TH AVENUE CANORA, SASKATCHEWAN SCALE DESIGNED BY DRAWN BY 1/4" = 1'-0"

DATE SEPT. 22, 2015

DRAWING NO.

DRAWING TITLE

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3. All plans are drawn to suit the Canadian National Building Code (2010). Due to Local building Codes, coning regulations and climatic conditions, plans must be reviewed by local building official prior to construction. All structural components indicated on these drawings must be reviewed and engineered by a licenced architect or engineer.

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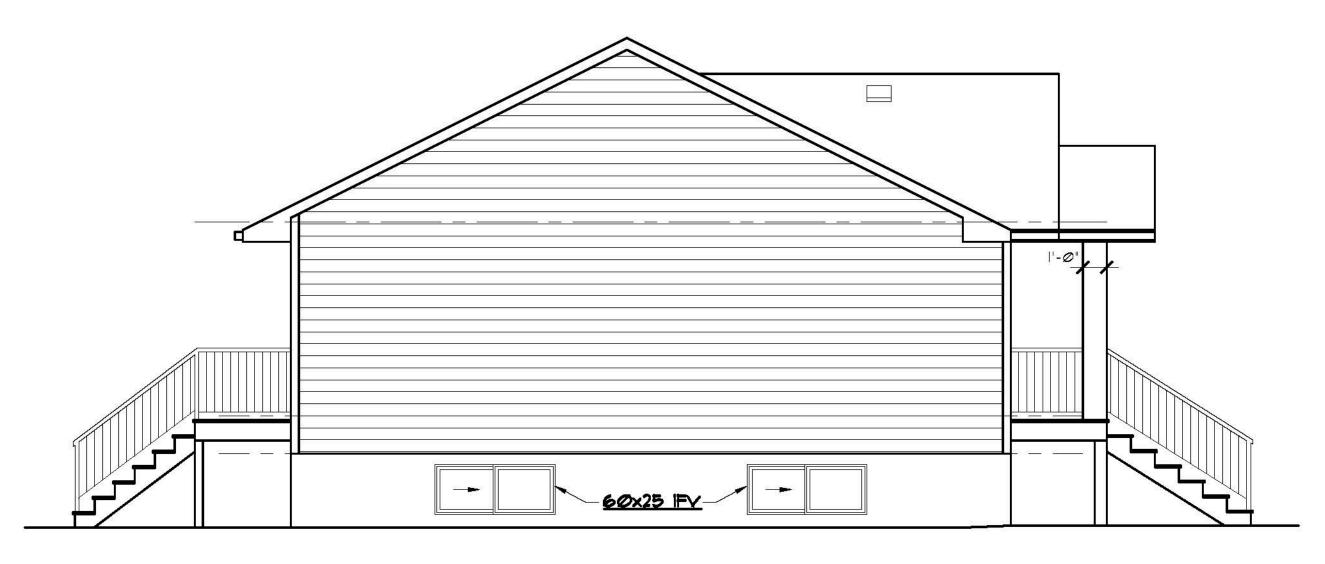
EXTERIOR ELEVATIONS

DM

A-1



EAST ELEVATION SCALE: 1/4'=1'-0'



WEST ELEVATION SCALE: 1/4'=1'-0'

WEST ELEVATION GLAZED OPENING CALCS:

LIMITING DISTANCE = 1.2m MAX % OF GLAZED OPENINGS = 7% (NBC 9.10.15.4) EXPOSED BUILDING FACE AREA = 380 SQ FT AREA OF GLAZED OPENINGS (%) = 21 SQ FT (5.6%)

ROBINSON RESIDENTIAL
PERSONALIZING HOME DESIGN

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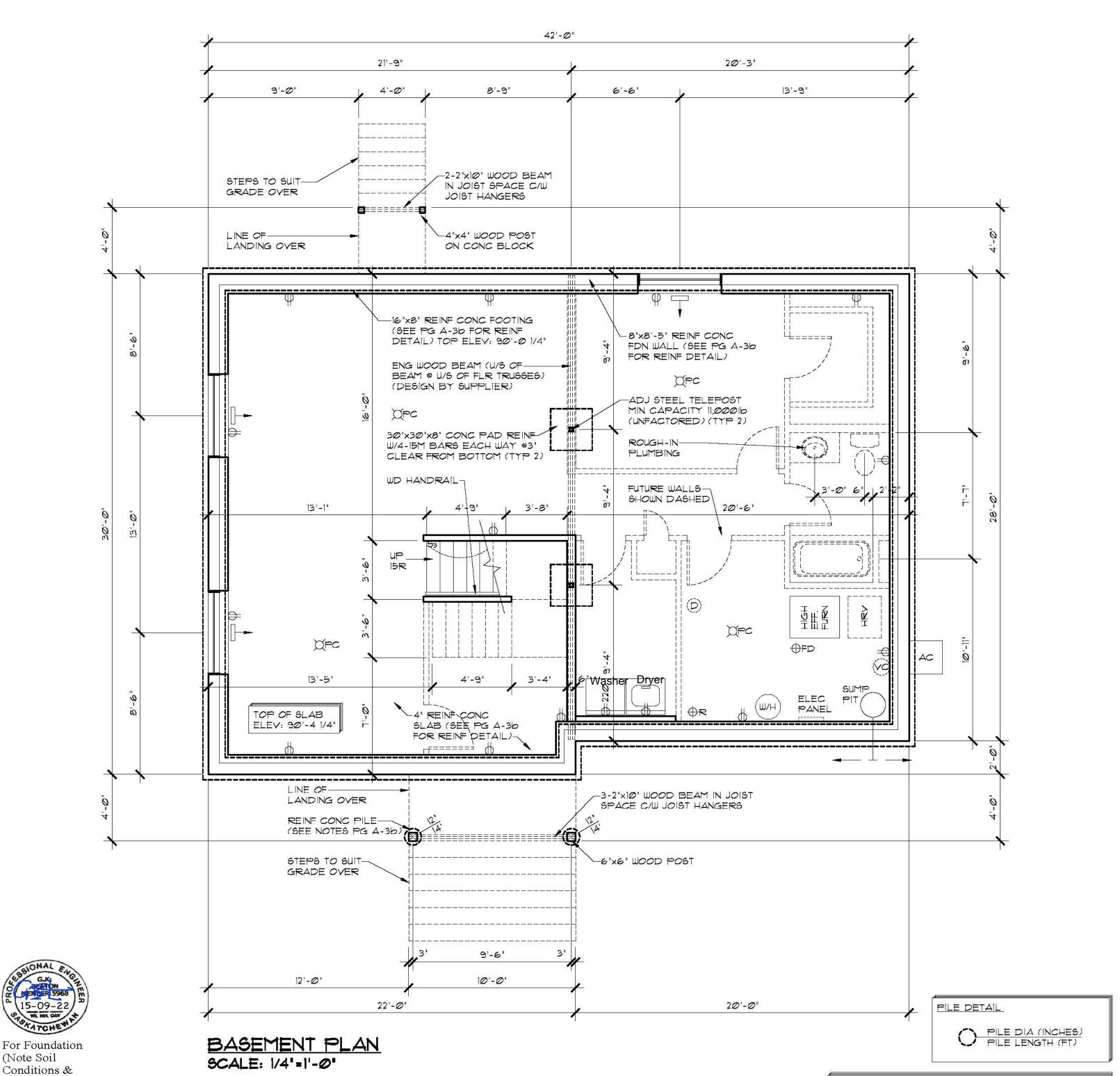
SCALE 1/4" = 1'-0" DRAWING TITLE

EXTERIOR ELEVATIONS

DESIGNED BY DRAWN BY DATE SEPT. 22, 2015 TYDK

A-2

DRAWING NO.



SOIL CONDITIONS & RISK ADVISORY:

GJK

5-09-22

(Note Soil

Risk Advisory)

NO SOILS INFORMATION WAS AVAILABLE OR PROVIDED FOR DESIGN PURPOSES. FOOTINGS HAVE BEEN SPECIFIED AND DESIGNED ASSUMING THAT SOIL IS DRY, STABLE CLAY (OR CLAY TILL) WITH LOW PLASTICITY, WHICH IS LESS SUSCEPTIBLE TO VOLUME CHANGES WITH CHANGES IN MOISTURE CONTENT. AN ALLOWABLE BEARING PRESSURE OF 1,650 psf HAS BEEN ASSUMED FOR FOOTINGS AND A SKIN FRICTION VALUE OF 500 psf HAS BEEN ASSUMED FOR PILES. NOTE THAT FOOTINGS ARE PARTICULARLY SUSCEPTIBLE TO MOVEMENT IN PLASTIC CLAY SOILS WHICH ARE SUSCEPTIBLE TO VOLUME CHANGES WHEN MOISTURE CONTENT CHANGES. THIS MOVEMENT CAN CAUSE DAMAGE TO FINISHES WITHIN THE STRUCTURE AND TO THE STRUCTURE ITSELF.

BUILDER IS TO INFORM STRUCTURAL ENGINEER IF SOIL IS NOT DRY, STABLE CLAY (OR CLAY TILL) WITH LOW PLASTICITY, SINCE THE FOUNDATION TYPE OR FOUNDATION DETAILS MAY NEED TO BE REVISED TO SUIT A DIFFERENT SOIL TYPE.

THE DESIGNER ACCEPTS NO RESPONSIBILITY FOR DAMAGES OR DELAYS CAUSED BY SITE CONDITIONS OR SOIL CONDITIONS WHICH DIFFER FROM THOSE UPON WHICH THE DESIGN HAS BEEN BASED. OWNER IS ALSO ADVISED THAT CONCRETE SLAB ON GRADE FLOORS MAY SETTLE/HEAVE CAUSING DAMAGE WHICH IS BEYOND THE CONTROL AND RESPONSIBILITY OF THE DESIGNER.

THESE DRAWINGS ARE STAMPED BASED UPON THE UNDERSTANDING THAT OWNER HAS ACKNOWLEDGED AND ACCEPTED THE RISKS AS DESCRIBED ABOVE.

MECHANICAL /ELECTRICAL LEGEND

-	SUPPLY AIR REGISTER
	RETURN AIR REGISTER
(D)	CARBON MONOXIDE/SMOKE DETECTOR
(%)	ROUGH IN FOR CENTRAL VAC CANISTER
\ominus	DUPLEX RECEPTACLE
5	SWITCH
5 ³	THREE WAY SWITCH
Ħ	INCANDESCENT LIGHT FIXTURE
ф-	WALL MOUNTED INCANDESCENT LIGHT FIXTURE
XPC	PULL CHAIN INCANDESCENT LIGHT FIXTURE

BASEMENT NOTES:

- DIMENSIONS ARE TAKEN TO EXTERIOR FACE OF WALL SHEATHING FOR EXTERIOR WALLS AND TO CENTERLINE OF INT PARTITIONS U.N.O. DIMENSIONS WILL GO TO FACE OF FRAMING WHERE THERE ARE FLOOR OR CEILING FRAMING CHANGES, AND AT TUB/SHOWER UNITS.
- 2. REFER TO SECTIONS FOR FULL WALL & FLOOR ASSEMBLIES.
- 3. ALL BASEMENT WALLS SHOULD BE BUILT WITH FLOAT SPACE TO PERMIT UPWARD MOVEMENT OF BASEMENT FLOOR SLAB.
- 4. ELECTRICAL MECHANICAL EQUIPMENT LOCATIONS SUBJECT TO CHANGE AT CONTRACTORS DISCRETION.
- 5. INSTALL RADON ROUGH-IN PIPE OR C/W SEALED CAP FOR FUTURE DEPRESSURIZATION SYSTEM. SEE PLAN FOR VENT LOCATION. RUN OTHER END UNDER SLAB TO CENTRE OF BUILDING FOOTPRINT.

DATE

SEPT. 22, 2015

6. PROVIDE 4" DIA WEEPING TILE C/W GRAVEL COVER FOR PERIMETER FOUNDATION DRAINAGE SLOPED AND CONNECTED TO SUMP PIT.

2232 2ND AVENUE REGINA, SASKATCHEWAN CANADA S4R 1K3 TEL: (306) 352-6617 FAX: (306) 352-6619

PROJECT SINGLE FAMILY

LOT 16 5TH AVENUE CANORA, SASKATCHEWAN

1/4" = 1'-0"

SCALE

DRAWING TITLE

DESIGNED BY DRAWN BY

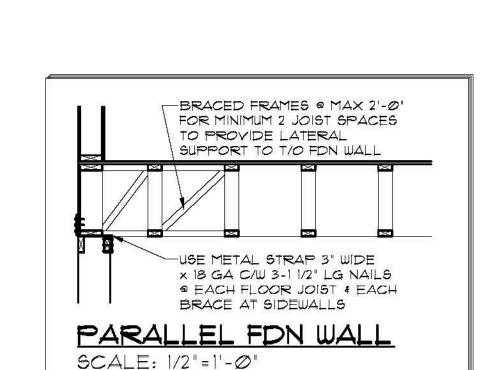
TYDK

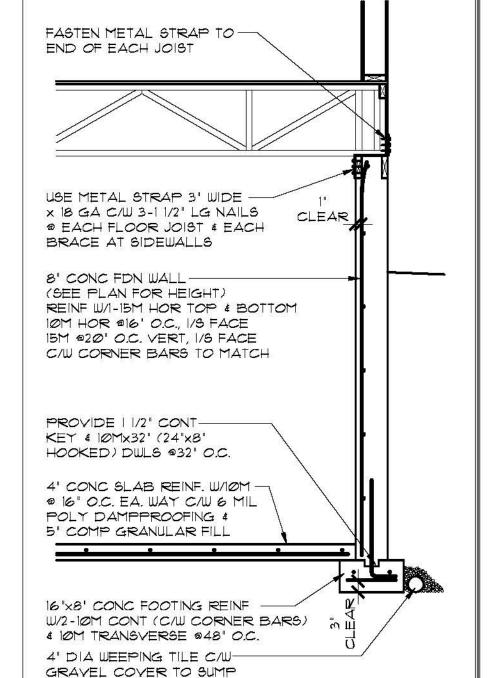
DRAWING NO.

A-3a

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BASEMENT PLAN





ADJUST GRADE TO MAINTAIN MINIMUM OF 4'-0" SOIL

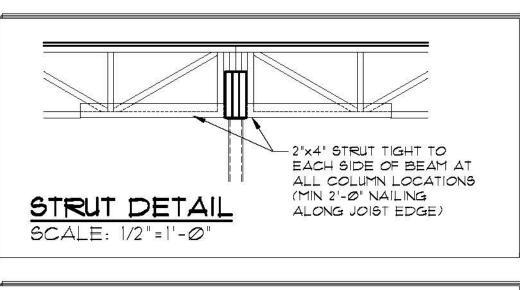
COVER OVER FOOTINGS. FOOTINGS WITH SOIL COVER

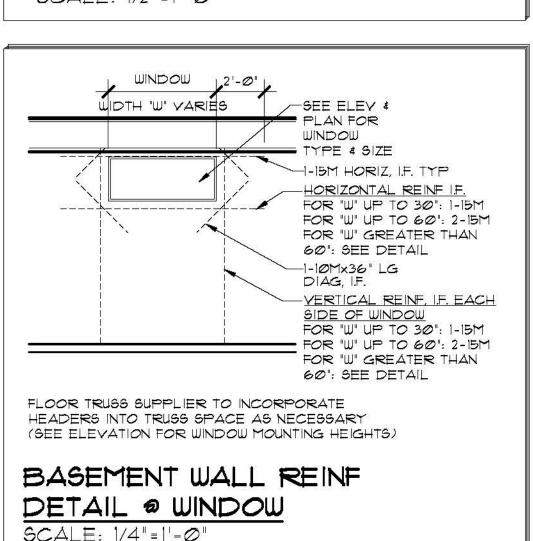
OF 4'-0" TO 6'-0" MUST BE INSULATED WITH 2" RIGID

FON WALL REINF DETAIL

INSULATION AS PER FOOTINGS NOTE.

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





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Association of Professional Engineers & Geoscientists of Saskatchewan

> **CERTIFICATE OF AUTHORIZATION** Beam and Basement Design Ltd. Number 33214

Permission to Consult held by: Discipline Civil Sk. Reg. No. 05968



For Foundation (Note Soil Conditions & Risk Advisory)

STRUCTURAL NOTES

ALL BASEMENT WALLS SHOULD BE BUILT WITH FLOAT SPACE TO PERMIT UPWARD MOVEMENT OF BASEMENT FLOOR SLAB.

CONCRETE TO CSA A23.1

- FOOTINGS & PILES: 25 MPa, TYPE 50, AIR 4-6%, SLUMP 80±30mm.
- 25 MPa, TYPE 50, AIR 4-6%, 80±30mm.
- 3. BASEMENT FLOOR: 25 MPa, TYPE 10, AIR NIL, SLUMP 80±30mm.

REINFORCING TO CSA G30.18

TIES GRADE 300 2. ALL OTHER BARS GRADE 400

- 1. ALL PILES TO BE REINFORCED WITH
- 2-15M VERT FULL LENGTH, NO TIES. 2. EXTEND VERT REINF 22" INTO GRADE
- BEAMS & WALLS 3. REFER TO SECTIONS & DETAILS FOR PILE CUT-OFF ELEVATIONS
- 4. PILES HAVE BEEN DESIGNED ON AN ASSUMED SKIN FRICTION VALUE OF 500 psf.

FOOTINGS:

- ALL CONCRETE FOOTINGS TO BE FOUNDED ON SOUND, DRY, UNDISTURBED SOIL SOIL BELOW FOOTINGS MUST BE FREE OF FROST AND NOT PERMITTED TO FREEZE.
- 2. FOOTINGS WITH SOIL COVER OF 6'-0' AND GREATER MAY BE UNINGULATED.
- 3. FOOTINGS WITH SOIL COVER OF 4'-0" TO 6'-0' MUST BE INSULATED WITH A MINIMUM OF 2" RIGID INSULATION SET ON TOP OF THE FOOTING AND EXTENDED A MINIMUM OF 4'-0" FROM THE EXTERIOR FACE OF THE FOUNDATION WALL.
- 4. FOOTINGS WITH SOIL COVER LESS THAN 4'-0" ARE NOT PERMITTED.

SOIL CONDITIONS & RISK ADVISORY:

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PERSONALIZING HOME DESIGN

PROJECT SINGLE FAMILY

2232 2ND AVENUE

CANADA S4R 1K3 TEL: (306) 352-6617 FAX: (306) 352-6619

REGINA, SASKATCHEWAN

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5. Builder to conform to National Building

Code of Canada (2010) Part 9.

DESIGNED BY AS SHOWN DM

DRAWN BY DATE TYDK

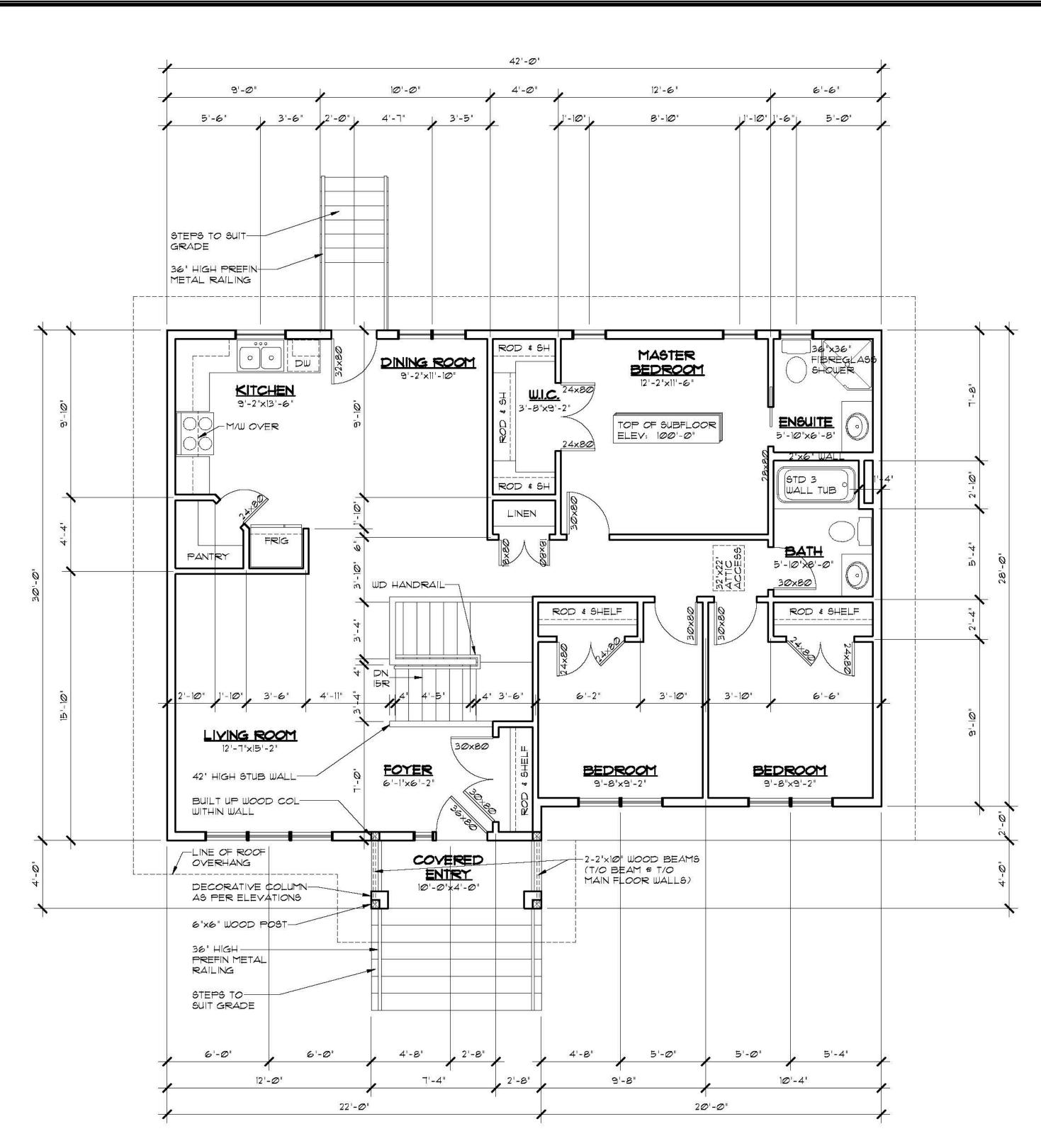
DRAWING NO. SEPT. 22, 2015

DRAWING TITLE

SCALE

STRUCTURAL NOTES & DETAILS

A-3b



MAIN FLOOR PLAN SCALE: 1/4"=1'-0" AREA: 1220 SQ FT

- FLOOR PLAN NOTES:
- DIMENSIONS ARE TAKEN TO EXTERIOR FACE OF WALL SHEATHING FOR EXTERIOR WALLS AND TO CENTERLINE OF INT PARTITIONS U.N.O. DIMENSIONS WILL GO TO FACE OF FRAMING WHERE THERE ARE FLOOR OR CEILING FRAMING CHANGES, AND AT TUB/SHOWER UNITS.
- 2. CONFIRM ALL COLUMN LOCATIONS WITH SUPPORTED STRUCTURAL MEMBERS & COLUMNS
- 3. REFER TO BUILDING SECTIONS FOR FULL WALL, FLOOR, & ROOF ASSEMBLY CALLUPS.
- 4. COORDINATE EXACT WINDOW AND EXTERIOR DOOR LOCATIONS. MAINTAIN SPACING BETWEEN WINDOW, DOORS AND CORNERS TO ALLOW FOR EXTERIOR AND INTERIOR TRIMS.
- 5. SEE ELEVATIONS FOR WINDOW'S DIRECTION OF OPERATION, DIMENSION OF ANY UN-EVEN SPLITS OBSCURE GLASS, ETC.

DATE

ROBINSON	PROJECT
RESIDENTIAL	2232 2ND AVENUE REGINA, SASKATCH CANADA S4R 1K3
PERSONALIZING HOME DESIGN	TEL: (306) 352-6617 FAX: (306) 352-6619

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DRAWING TITLE

SCALE

1/4" = 1'-0"

DRAWING NO. SEPT. 22, 2015

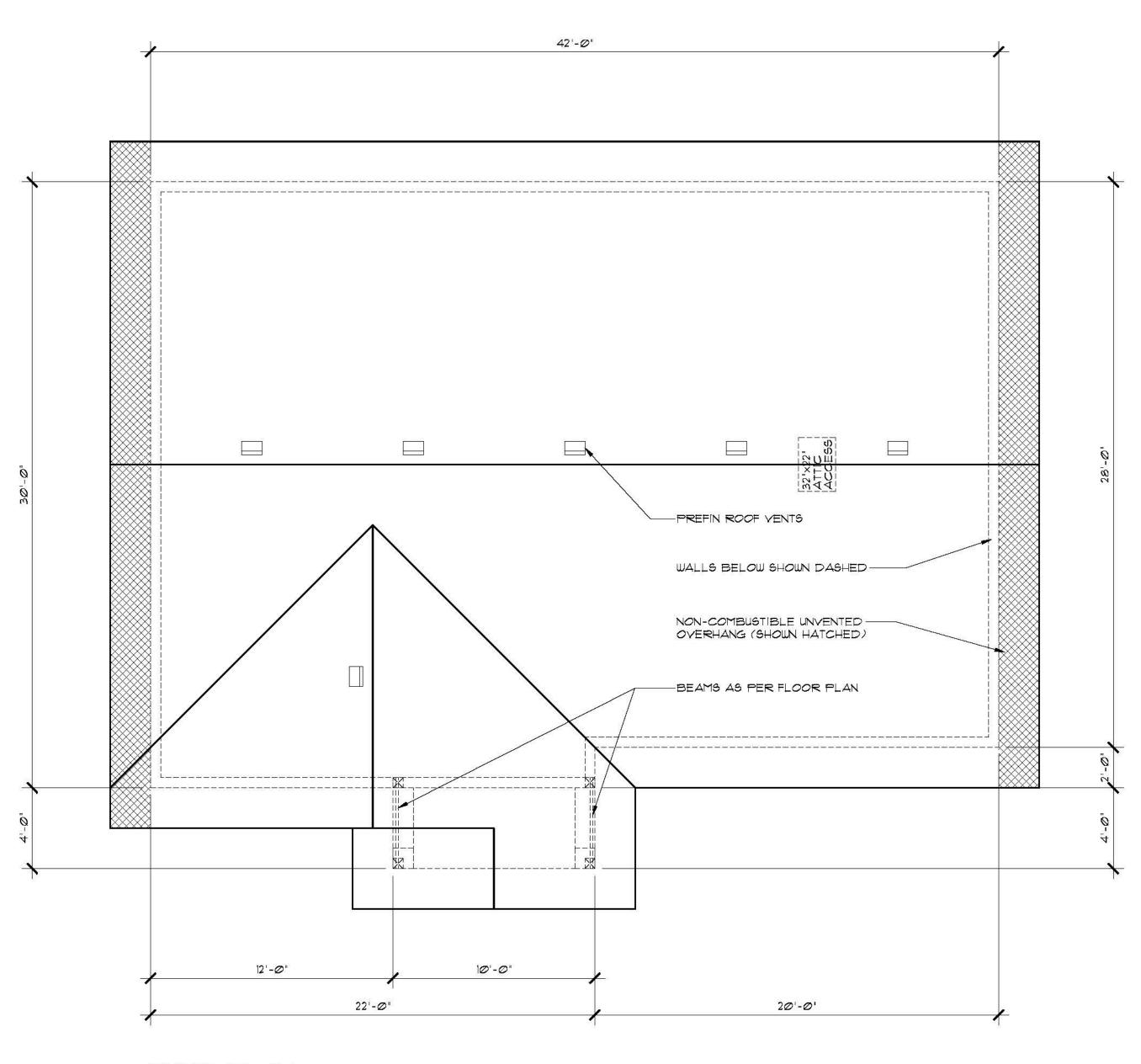
MAIN FLOOR PLAN

DM

DESIGNED BY DRAWN BY

TYDK

A-4



ROOF PLAN 5CALE: 1/4"=1"-0"

2232 2ND AVENUE REGINA, SASKATCHEWAN

ROOF NOTES:

1. ALL ROOF SLOPES ARE 6:12 UNLESS NOTED OTHERWISE.

2. ALL ROOF OVERHANGS ARE

2'-0" UNLESS NOTED OTHERWISE. 3. ALL SOFFITS WITHIN THE 12M LIMITING DISTANCE MUST BE UNVENTED AND MADE OF NON-COMBUSTIBLE MATERIAL

VENTING CALCULATIONS: 1220 SQFT/300 SQFT = 4.1 SQFT REQ'D VENT AREA TOTAL

HIGH END - MIN 25% REQUIRED 0.38 SQFT NET FREE VENT AREA PER ROOF VENT 6 VENTS \$ Ø38 SQFT = 2.28 SQ FT 2.28 SQFT / 4.1 SQ FT TOTAL REQ'D = 56%

LOW END - MIN 25% REQUIRED 172 SQFT VENTED SOFFIT 3.5 SQIN (0.0243 SQ FT) NET FREE VENT AREA PER SOFT OF SOFFIT AREA 172 SQFT x Ø.0243 = 42 SQFT OF LOWER VENTING 4.2 SQ FT/ 4.1 SQ FT TOTAL REQ'D = 102%

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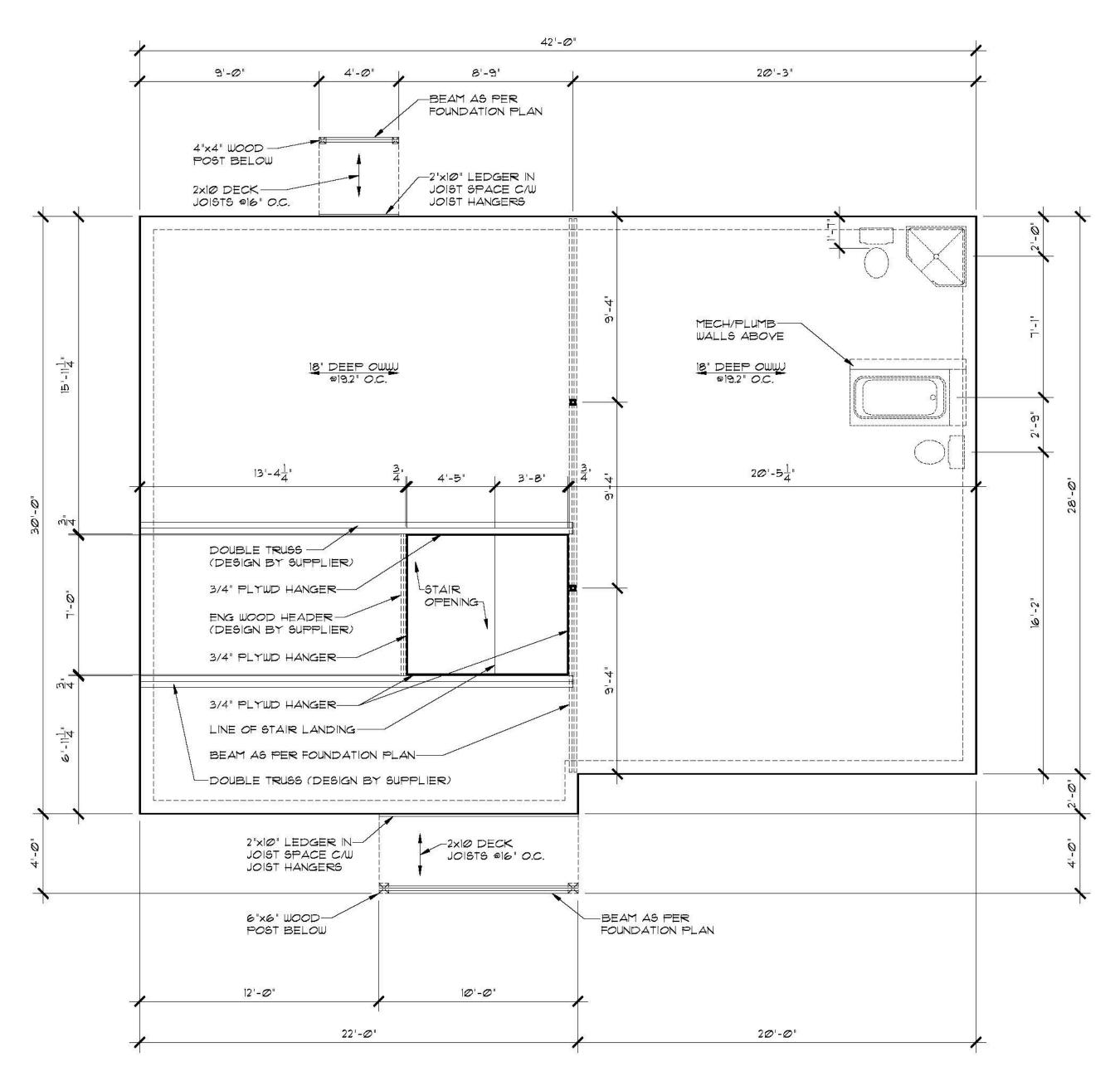
SCALE 1/4" = 1'-0"

ROOF PLAN

DESIGNED BY DRAWN BY DATE SEPT. 22, 2015 TYDK DRAWING TITLE

A-5

DRAWING NO.



MAIN FLOOR FRAMING PLAN SCALE: 1/4'=1'-0'

FRAMING NOTES:

- 1. ADDITIONAL FLOOR STRUCTURE SHOWN FOR OPENINGS AND CANTILEVERS. FINAL DESIGN DETERMINED BY SUPPLIER.
- 2. FLOOR TRUSS SUPPLIER TO DESIGN TRUSSES TO SUIT MECHANICAL.
- 3. INSTALL SOLID BLOCKING IN FLOOR SPACE UNDER COLUMNS AS REQUIRED. 4. INSTALL BLOCKING UNDER INTERIOR
- WALLS PARALLEL TO FLOOR TRUSSES AS REQUIRED.
- 5. FLOOR TRUSS SUPPLIER TO INCORPORATE HEADERS INTO TRUSS SPACE AS NECESSARY (SEE ELEVATIONS FOR WINDOW MOUNTING HEIGHTS)

DATE

ROBINSON	PROJECT		
RESIDENTIAL PERSONALIZING HOME DESIGN	2232 2ND AVENUE REGINA, SASKATCH CANADA S4R 1K3		
PERSONALIZING HOME DESIGN	TEL: (306) 352-6617 FAX: (306) 352-6619		

PROJECT

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SCALE

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DRAWING TITLE

DESIGNED BY DRAWN BY

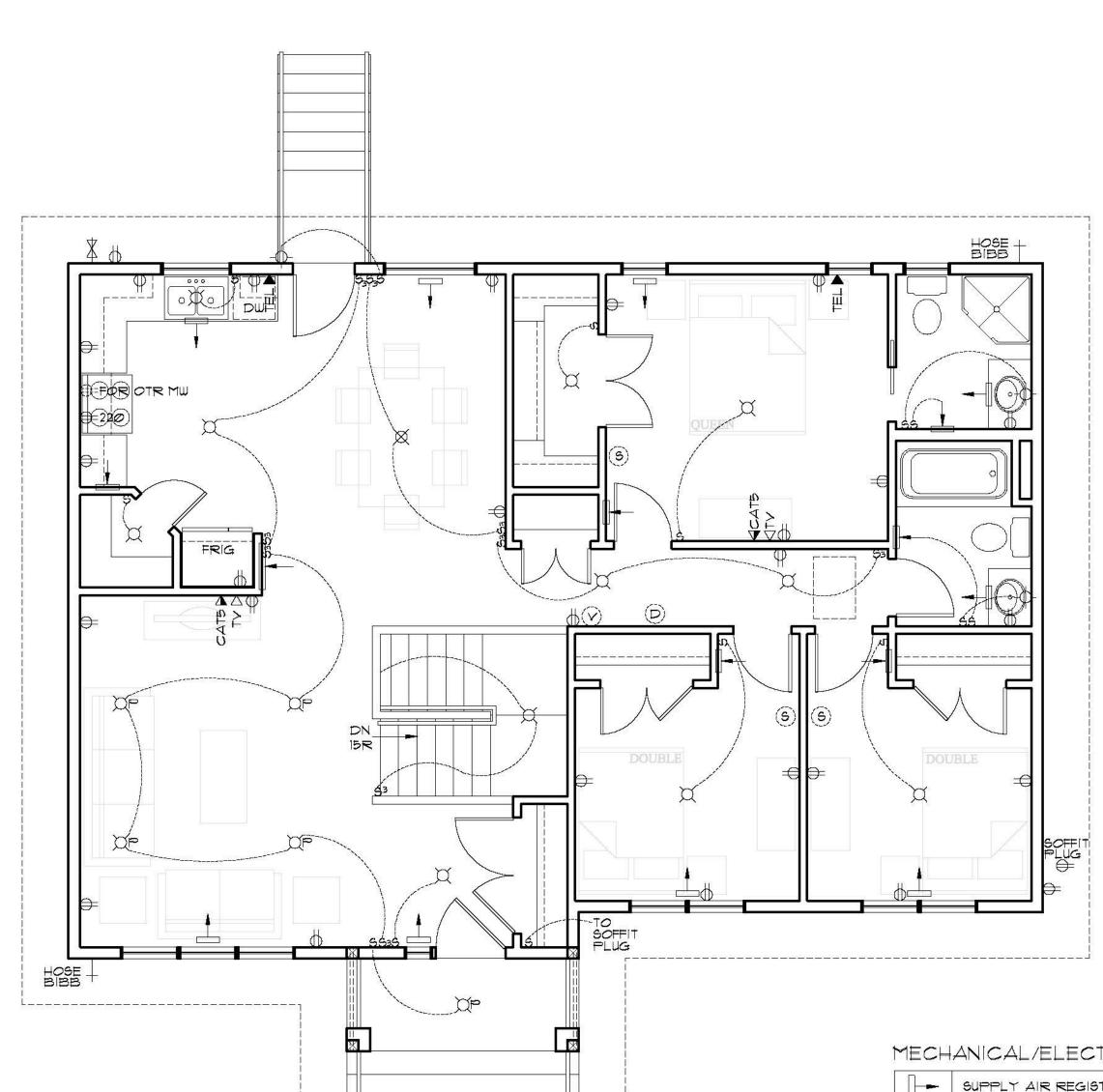
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DRAWING NO. SEPT. 22, 2015

MAIN FLOOR FRAMING PLAN

DM

A-6



MAIN FLOOR ELECTRICAL PLAN SCALE: 1/4'=1'-0'

ELECTRICAL NOTES:

- 1. ALL RECEPTACLES WITHIN 1.5m OF A SINK ARE TO BE GROUND FAULT CIRCUIT INTERRUPTERS AS PER CANADIAN ELECTRICAL CODE.
- 2. ALL EXTERIOR RECEPTACLES TO BE GROUND FAULT CIRCUIT INTERRUPTERS C/W WEATHERPROOF COVER AS PER CANADIAN ELECTRICAL CODE.
- 3. BUILDER TO CONFIRM ELECTRICAL LAYOUT WITH OWNER PRIOR TO CONSTRUCTION.
- 4. ELECTRICAL PANEL LOCATION SUBJECT TO CHANGE.

MECHANICAL /ELECTRICAL LEGEND

MECH	ANICAL/ELECTRICAL LEGEND							
-	SUPPLY AIR REGISTER							
	RETURN AIR REGISTER							
₩	NATURAL GAS OUTLET							
HOSE BIBB	HOSE BIBB							
(S)	SMOKE DETECTOR							
(D)	CARBON MONOXIDE/SMOKE DETECTOR							
(2)	ROUGH IN FOR CENTRAL VAC CANISTER							
\odot	CENTRAL VAC RECEPTACLE							
√T∨	TELEVISION RECEPTACLE							
∢ TEL	TELEPHONE RECEPTACLE							
 CAT5	ETHERNET RECEPTACLE							
\Leftrightarrow	DUPLEX RECEPTACLE							
SOFFIT PLUG =	SOFFIT DUPLEX RECEPTACLE							
5	SWITCH							
63 D	THREE WAY SWITCH DIMMER SWITCH							
ğ	INCANDESCENT LIGHT FIXTURE							
~	WALL MOUNTED INCANDESCENT LIGHT FIXTURE							
ØPC	PULL CHAIN INCANDESCENT LIGHT FIXTURE							
ØP	POT LIGHT							
×	PENDANT LIGHT							
¤	PUCK LIGHT							
E22223	FLOURESCENT STRIP LIGHT							
	FLOURESCENT LIGHT FIXTURE							
	CEILING FAN C/W LIGHT							

ROBINSON	\$900 * 90
RESIDENTIAL	i
PERSONALIZING HOME DESIGN	

PROJECT SINGLE FAMILY

LOT 16 5TH AVENUE CANORA, SASKATCHEWAN

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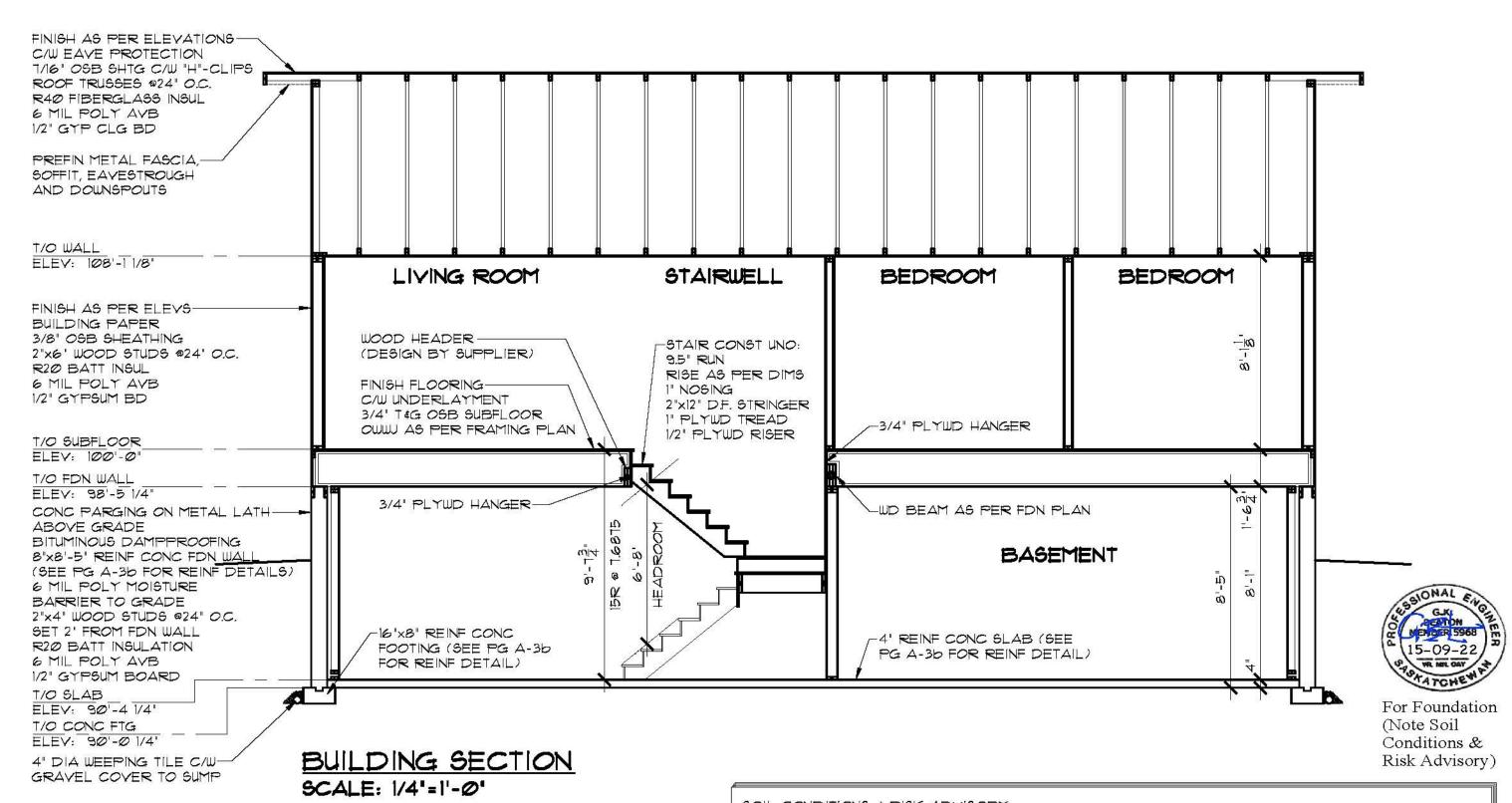
Builder to conform to National Building Code of Canada (2010) Part 9.

DESIGNED BY DRAWN BY **SCALE** 1/4" = 1'-0" DM

DATE DRAWING NO. SEPT. 22, 2015

DRAWING TITLE

TVDK



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THESE DRAWINGS ARE STAMPED BASED UPON THE UNDERSTANDING THAT OWNER HAS

ACKNOWLEDGED AND ACCEPTED THE RISKS AS DESCRIBED ABOVE.

FINISH AS PER ELEVATIONS PREFIN METAL FASCIA, CAU EAVE PROTECTION T/16" OSB SHTG C/W "H"-CLIPS SOFFIT, EAVESTROUGH AND DOWNSPOUTS ROOF TRUSSES @24" O.C. る計画 R40 FIBERGLASS INSUL T/O WALL 6 MIL POLY AVB ELEV: 08'-11/8" 1/2" GYP CLG BD CLOSET STAIRWELL W.I.C. FINISH AS PER ELEVS BUILDING PAPER 42" HIGH-36" HIGH. 3/8" OSB SHEATHING STUB WALL W WD RAILING 2"x6" WOOD STUDS 924" O.C. <u>_</u>|@ R20 BATT INSUL 3/4" PLYWOOD 6 MIL POLY AVB HANGER 1/2" GYPSUM BD 36" HIGH PREFIN -2"x4" WOOD STUDS DOUBLE TRUSS-@16" O.C. C/W 1/2" FINISH FLOORING METAL RAILING (DESIGN BY GWB EACH SIDE CAU UNDERLAYMENT SUPPLIER) T/O SUBFLOOR 3/4" T&G OSB SUBFLOOR ELEV: 100'-0" OWW AS PER FRAMING PLAN T/O FDN WALL CONC PARGING ON METAL LATH ELEV: 98'-5 1/4" W/4 ABOVE GRADE BASEMENT WOOD STEPS TO BITUMINOUS DAMPPROOFING 8"x8'-5" REINF CONC FON WALL SUIT GRADE DOUBLE TRUSS (SEE PG A-36 FOR REINF DETAILS) (DESIGN BY SUPPLIER) 6 MIL POLY MOISTURE WD BM AS PER FDN PLAN-BARRIER TO GRADE ıŊ 2"x4" WOOD STUDS @24" O.C. 8 -3/4" PLYWD HANGER 6'x6" WOOD POST SET 2" FROM FON WALL R20 BATT INSULATION -4' REINF CONC SLAB REINF CONC PILE 6 MIL POLY AVB (SEE PG A-3b FOR (SEE NOTES PG A-3b) 1/2" GYPSUM BOARD BSMT REINF DETAIL) T/O SLAB 16 'x8" REINF CONC ELEV: 30'-4 1/4" FOOTING (SEE PG A-36 T/O CONC FTG FOR REINF DETAIL) ELEY: 30'-0 1/4" 4" DIA WEEPING TILE C/W-



GRAVEL COVER TO SUMP

SINGLE FAMILY

BUILDING SECTION

LOT 16 5TH AVENUE CANORA, SASKATCHEWAN

DRAWING TITLE

1/4" = 1'-0"

DESIGNED BY

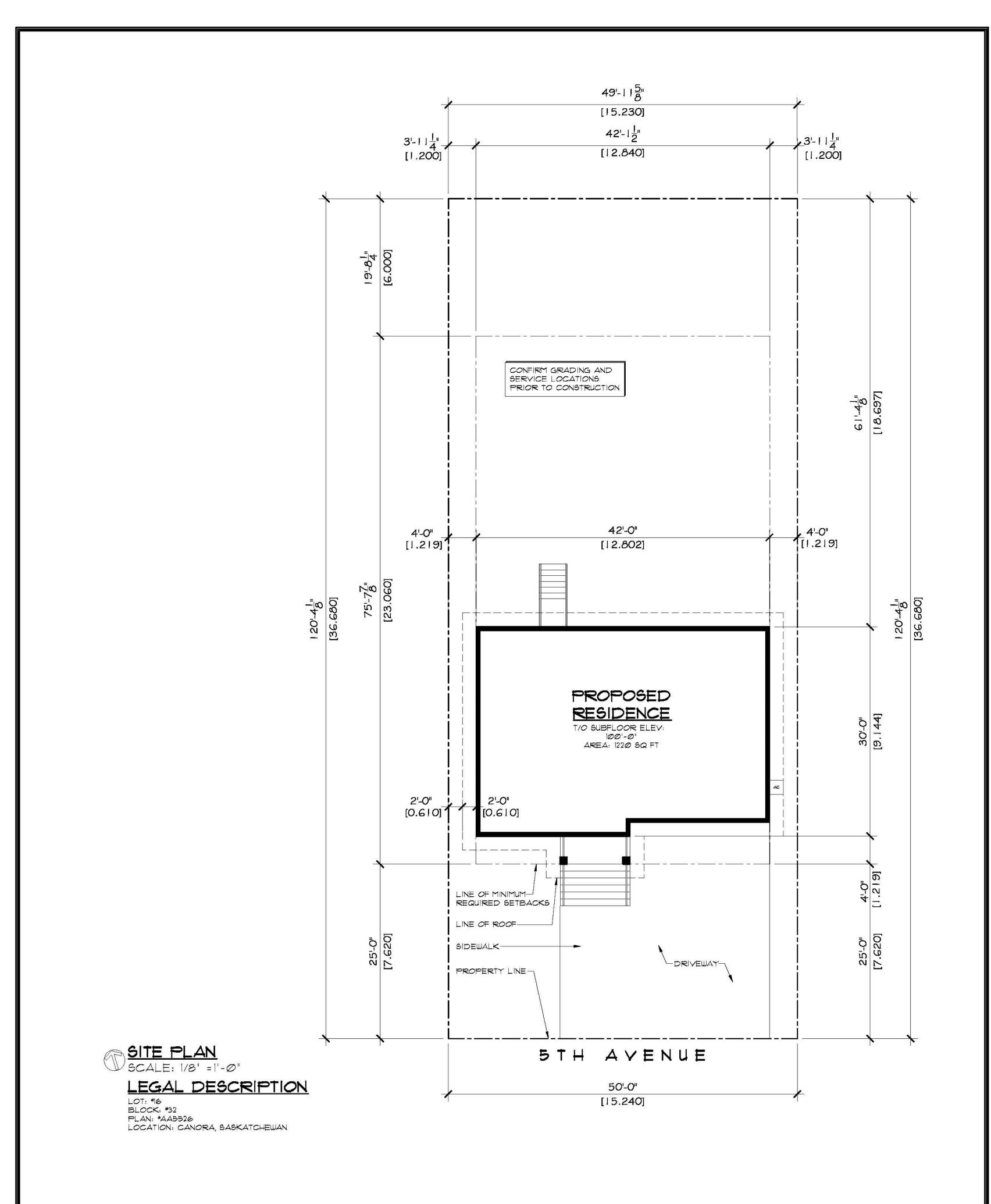
SCALE

DATE DRAWING NO. SEPT. 22, 2015

A-8 BUILDING SECTIONS

DRAWN BY

TYDK



ROBINSON	PROJECT	SINGLE F	AMILY	LOT 16 5TH AVENUE CANORA, SASKATCHEWAN	SCALE 1/8" = 1'-Ø"	DESIGNED BY	DRAWN BY TV⊅K	DATE SEPT. 22, 2015	DRAWING NO.
RESIDENTIAL PERSONALIZING HOME DESIGN	2232 2ND AVENUE REGINA, SASKATCHEWAN CANADA S4R 1K3 TEL: (306) 352-6617 FAX: (306) 352-6619	Robinson Residential Design Inc.	3. All plans are drawn to suit the Canadian National Building Code (2010). Due to Local building codes, zoning regulations and climatic conditions, plans must be reviewed by local building official prior to construction. All structural components indicated on these drawings must be reviewed and engineered by a licenced architect or engineer.	4. Robinson Residential Design Inc. assumes no liability or responsibility for any errors, omissions and any incidental indirect or consequential damages whatsoever arising from the use of these drawings or the information provided therein. 5. Builder to conform to National Building Code of Canada (2010) Part 9.	SITE PL				A-9