





Orthographic 3Ds 1
Elevation 2
Basement Floors 3
Main Floor 4
Site Plan 5
PRELIMINARY
ONLY
NOT FOR CONSTRUCTION PURPOSES

PHONE: (250)765-5191
#201 - 833 FINNS ROAD, KELOWNA, B.C.

PROPOSED RESIDENCE OF:
MR. & MRS. MOORE
KELOWNA, B.C.

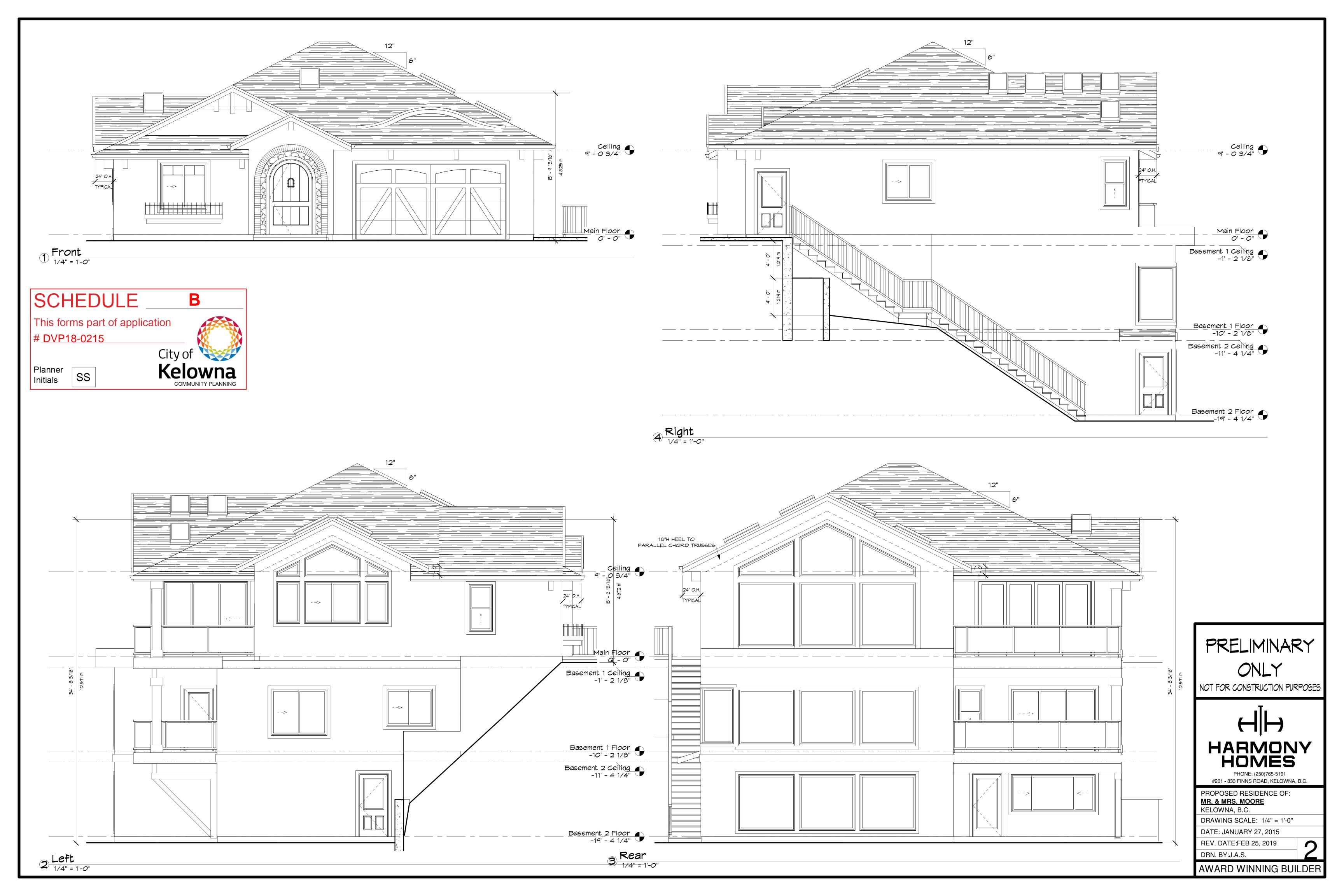
DRAWING SCALE:

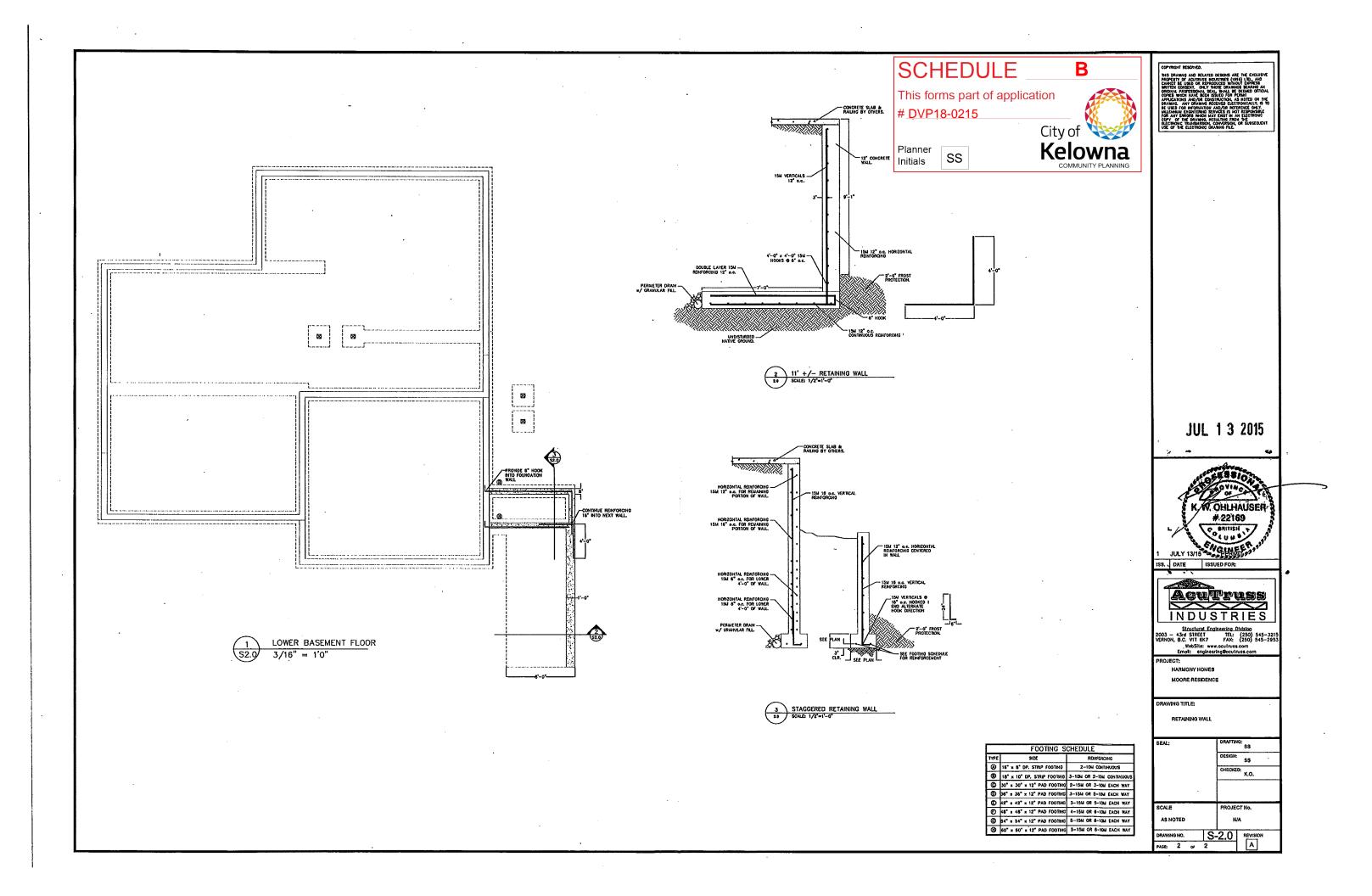
DRN. BY:J.A.S.

DATE: JANUARY 27, 2015

REV. DATE:FEB 25, 2019

AWARD WINNING BUILDER





GENERAL NOTES

THE STRUCTURAL MEMBERS INDICATED ON THE ISSUED DRAWINGS HAVE BEEN DESIGNED. TO SUBSTANTIALLY CONFORM WITH THE BC BUILDING CODE 2012 EDITION

STRUCTURAL DESIGN ONLY APPLICABLE FOR PROJECT AT THE FOLLOWING ADDRESS:

MOORE RESIDENCE KELOWNA, BC

REFER TO THE ARCHITECTURAL PLANS FOR ALL DIVENSIONS

THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORY BRACHER REQUIRED FOR CONSTRUCTION LOADENCE AND STABILITY UNTIL THE PROJECT IS COMPLETED, AND IS RESPONSIBLE FOR JOB SITE SAFETY AND CONFORMANCE TO NESS REQUIATIONS DURANCE.

CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS, ELELVATIONS, AND SITE CONDITIONS PRIOR TO STARTING CONSTRUCTION, AND SHALL IMMEDIATELY HOTIFY THE

STRUCTURAL INFORMATION PRESENTED ON THESE DRAWINGS DOES NOT INCLUDE THE DESGN AND BETALING OF ANY WATERPROOTING OR BUILDING ENVELOPE SYTEMS. DESIGN AND DETAILING OF SUCH SYSTEMS IS THE RESPONSIBILITY OF THE ARCHITECT AND/OR

if the contractor has questions concerning the scope or intent of the work on these drawings, the contractor should seek clarification from the owner or the project engineer.

AS PART OF THE BC BULLONG CODE RECUREVENTS, THE ENGNEER <u>MUST</u> PERFORM PERIODIC FIELD REVIEWS OF THE WORK, AND PROVIDE PROFESSIONAL ASSURANCE THAT SUCH WORK SUBSTANTIALLY MEETS THE REQUIREMENTS OF THE BC BUILDING CODE. GIVE 48 HOURS NOTICE TO THE PROJECT ENGNEER AT THE FOLLOWING APPLICABLE STAGES

PLACEMENT OF REINFORCEMENT IN FOOTINGS BUT BEFORE

PLACEMENT OF REINFORCEMENT IN RETAINING WALLS BUT BEFORE FORMS ARE CLOSED

DESIGN LOADS

GROUND SHOW LOAD:	37.6 PSF
RAN LOAD:	2.1 PSF
ROOF LIVE LOAD.	22.8 PSF
ROOF DEAD LOAD:	20 PSF
FLOOR LIVE LOAD:	40 PSF
FLOOR DEAD LOAD:	12 PSF
WHO LOAD:	8.4 PSF
WEZZANINE LIYE LOAD:	100 PSF
· *ALLOWABLE SOIL BEARING PRESSURE:	2000 PSF
*SPECIFIED LATERAL SOIL BEARING PRESSURE: *ASSUMED VALUES	45 PSF

EXCAVATION & BACKFILL

REMOVE ALL TOPSOL AND ORGANIC MATERIAL FROM THE BUILDING SITE.

UNDATIONS SHALL EXTEND TO UNDISTURBED SOIL, 450 mm (18°) MINIMUM COVERAGE FOR FROST PROTECTION, OR AS DETERMINED BY THE LOCAL BUILDING AUTHORITY.

FOUNDATIONS SHALL BE CONSTRUCTED TO PROVIDE ADEQUATE DRAINAGE, USING CLEAN DRAIN ROCK OVER 100 mm (4") DRAIN THE AS A MINIMUM REQUIREMENT

ALL CONCRETE FOUNDATION WALLS SHALL PROJECT A MINIMUM OF 150 mm (6°) ABOVE THE FIXISHED GRADE, OR 50 mm (2") ABOVE EXTERIOR CONCRETE SLABS.

DO NOT BACKFILL FOUNDATION WALLS UNTIL FLOOR SYSTEM IS IN PLACE AND SHEATHED.

USE CLEAN GRANULAR BACKFILL AT LEAST 1/3 OF THE FOUNDATION WALL HEIGHT BACK FROM FOUNDATION WALL

CONCRETE ACCESSORIES

PRE-MOULDED JOINT FILLERS SHALL BE BITUMENOUS FIBRE BOARD.

POLYETHYLENE DAMPPROOF MEMBRANES SHALL BE 0.15 mm TROCK AS PER

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSPECTION OF ALL FORWARD, FALSEMORK TIES, SHORNO AND RESHORNO TO MARTAIN STRUCTURAL INTEGRITY AND STABILITY TO WITHSTAND ANY LOADS LIKELY TO BE IMPOSED UPON THEA. ADHERE TO WORKER'S COMPENSATION BOARD REGULATIONS.

FORM RELEASE AGENT SHALL BE MINERAL DIL TYPE – USE UNIFORM D BY UNIVERSAL CONCRETE ACCESSORIES, NOXCERETE, DOUGARD OR OTHER PRE-APPROVED FORM RELEASE AGENT. APPLICATION IS TO BE ACCORDING TO MANUFACTURER'S DIRECTIONS. A CONSISTENCY OF COLOUR ON ALL EXPOSED WALLS WILL BE INSISTED UPON BY THE CONSULANT, AND IN ORDER TO OBTAIN THE SAME, THE PROPER USE OF FORM RELEASE

TIES AND SPREADERS SHALL BE CONVERCIALLY MANUFACTURED TYPES, MIRHUM TENSLE STRENGTH OF 13 MI (2025 LBS), ADJUSTABLE TO PERMIT TICHTEMING OF FORMS, NOT LEAVING ANY METAL WITHIN 25 mm (1") OF THE CONRETE SURFACE. WIRE TIES ARE

UNLESS OTHERWISE SPECIFICALLY AUTHORIZED OR ORDERED BY THE CONSULTANT, NO FORWWORK, SHORMIG, BRACING OR OTHER DEVICE USED IN RETENTION OF AND SUPPORT OF CAST CONCRETE SHALL BE REMOVED BEFORE A LAPSE OF 7 FULL AND NORMAL CURING DAYS (28 DAYS OF SUSPENDED SLABS) FROM THE TIME OF PLACEMENT OF

CONCRETE REINFORCEMENT

IF REQUESTED BY THE ENGNEER, THE CONTRACTOR SHALL SUBMIT ACCEPTABLE EVIDENCE THAT THE MATERIAL CONFORM TO THE APPLICABLE STANDARDS. A CERTIFIED PROPERLY CORRELATED MILL TEST FROM CANADIAN MILLS, SHOWING PHYSICAL AND CHEMCAL ANALYSIS IS ACCEPTABLE EVIDENCE.

ALL RONFORCING STEEL AND PLACEMENT IS SUBJECT TO THE APPROVAL OF THE ENGINEER, AND NO WORK SHALL BE COVERED OR CONCRETE PLACED PRIOR TO APPROVAL

ALL REINFORCING SHALL BE KEPT FREE OF ALL OIL, MUD, ETC., AND CONTAIN MATERIAL AT ALL TIME. HO CONTAMINATED STEEL WILL BE PERMITTED TO BE USED

REINFORCING STEEL 10M AND LARGER SHALL BE DEFORMED AND SHALL BE NEW BILLET STOCK CONFORMING TO CSA G30.18 GRADE 400.

WELDED WARE MESH SHALL CONFORM TO CSA STANDARD 0303 AND SHALL HAVE A

THE WARE SHALL BE 1.52 MM ANNEALED IRON WIRE.

RENFORCEMENT IS 10 BE ACCURATELY POSITIONED TO THE DRAWNGS AND RODLY SUPPORTED AND SECURED IN PLACE WITH APPROVED CHARS, BOUSTERS, SPACERS, HANGERS, SIND/OR RISERS, TE AND SUPPORT BARS, AND OTHER APPROVED DEVICES, AND ALL TIED IN PLACE WITH 1.52 MM ANHEALED IRON WRIE. ALL REDIFFORCEMENT SHALL BE PLACED WITH THE PERMITTED TOLERANCES OF CSA A23.1.

REINFORCEMENT UN FOOTINGS MUST BE BLOCKED UP WITH APPROVED MASONRY BLOCKS OR SUSPENDED FROM FORMWORK WITH TIE-WIRE.

DO NOT FIELD BEND REINFORCEMENT UNLESS APPROVED BY THE CONSULTANT.

MINIMUM LAP SPLICES AND BENDING DIAMETERS:

10M BARS	14" LAP	2-1/2" BEND DIAMETER
15M BARS	20° LAP	3-1/2" BEND DIAMETER
20M BARS	24" LAP	4" BEAD DIAMETER
25M BARS	40° LAP	6° BEND DIAMETER

INSIONS SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF THE MAIN BARS AND DENOTES CLEAR COVERAGE, COVERAGE SHALL BE AS FOLLOWS:

ST AGAINS & PERMANENTLY EX	
us, groers, columns and f us, groers, columns and f	
IBS, WALLS, JOISTS, SHELLS (E	
BS, WALLS, JOISTS, SHELLS (H	
89, WALLS, JOISTS, SHELLS (A	T EXPOSED):

CAST-IN-PLACE CONCRETE

CONCRETE SHALL CONFORM TO THE REGULARINENTS OF CSA STANDARDS A23.1 AND CSA

CONTRACTOR TO SUBJET COMPLETE MANUFACTURER'S PRODUCT DETAILS TO THE ENGINEER

CONCRETE TESTING SHALL BE DONE BY A TESTING LABORATORY APPOINTED BY THE ENGINEER AT THE OWNER'S EXPENSE.

FOR HIGH FOUNDATION WALLS (>24°) USE HIGH FREQUENCY VIBRATION TO PLACE

CONCRETE SHALL BE PROTECTED FROM DAMAGE THAT WAY RESULT FROM RAIN, SHOW, SUN AND TEMPERATURE DURING AND AFTER PLACING.

CURING MATERIALS SHALL BE MEMBRANE TYPE POLYETHYLENE WITH LAPPED AND SEALED JOHTS, APPROYED SPRAY TYPE WAY BE USED ONLY IF COMPATIBLE WITH FINISH

SEALER, CURING COMPOUND: TWO COATS OF STERNSON FLORSEAL MASTER BUILDERS NATERSEAL, TARGET CLEAR ACRYLIC SEALER, OR APPROVED EQUAL. SEALER MUST BE

EXPANSION JOINT FILLERS SHALL BE PRE-MOULDED, NON-EXTENDING RESILENT PRODUCTS, IS ASPHALT WITH MINERAL FIBRES AND/OR CORK.

WATERSTOPS SHALL BE EXTRUDED POLYVINYL CHLORIDE 100 mm OR 150 mm WIDE FO CONSTRUCTION JOINTS AS DETAILED ON DRAWINGS. VINYLOK BY BURKE, DURA-JOINT BY STERNSON, KOROSEAL BY W.R. WEADOWS, OR APPROVED EQUAL,

GROUT UNDER BASE PLATES SHALL BE NON-SHRIMM, NON-FERROUS GROUT SUCH AS EUBOO BY MASTER BUILDERS, IN-PAKT GROUT, TARGET EXPANDING GROUT OR APPROVED

THE CONCRETE MIX SHALL BE IN CONFORMANCE WITH CSA A23.1. STRENGTH, WATER CEMENT RATIO, AGGREGATE, AND AIR CONTENT SHALL CONFORM TO TABLES 7, 8, AND 9 OF CSA A23.1:

LOCATION	rc wo	RATIO W/C	AGG. IN	AIR X	SLUMP	CLASS
PERIMETER FOOTINGS	25	0.55	3/4"	4 7	2±0.5	F2
INTERIOR FOOTINGS	25	0.55	3/4"	4 - 7	3±0.5	N
PERIMETER WALLS	32	0.55	3/4"	4 - 7	2±0.5	F2
ENTERIOR WALLS	25	0.55	3/4"	4 - 7	3±0.5	N
EXTERIOR SLABS ON GRADE	30	0.45	3/4"		3±0.5	G2
ENTERIOR SLABS ON GRADE	30	0.55	3/4"	4 - 3	3±0.5	N
ENTERIOR (SLABS, BEAUS, COLUMNS)	35	0.55	3/4"	4 - 7	3±0.5	N
EXTERIOR (SLABS, BEAMS, COLUMNS)	35	0.55	3/4"		2±0.5	F2
FILL FOR STEEL DECKING	20	0.55	3/4"	3 - 6	2±0.5	F2
RETAINING WALLS	30	0.55	3/4"	8 - 8	2±0.5	F2
PILES AND PIERS	25	0.55	3/4"	5 - 8	2±0.5	F2

CONCRETE FINISHES

PROVIDE STEEL TROVEL FINISH FOR SLABS TO BE LEFT EXPOSED OR TO RECEIVE APPLIED

WHERE FLOOR DRAINS OCCUR, FINISH FLOOR LEVEL AT WALLS AND PROVIDE A MINUMUM OF 5 mm PER METER (1/16° PER FOOT) UNIFORM SLOPE TO DRAINS, UNLESS INDICATED

IF NOTED ON DRAWNICS, SAW CUT CONTROL JOINTS WITHIN 24 HOURS AFTER FINISHING WITH 5 mm (3/16") BLADE CUT TO A DEPTH DF 1/3 OF THE SLAB THICKNESS.

COLD WEATHER PROTECTION RECOMMENDATIONS FOR CONCRETE

COLD WEATHER REQUIREMENTS ARE IN EFFECT WHEN THE FORECASTED OR ACTUAL AIR

DO NOT PLACE CONCRETE AGAINST FROZEN GROWNO, CONCRETE, MASONRY - INTO FORWWORK THAT IS AT OR BELOW O'C.

PROVIDE PROTECTION AND SUPPLEMENTARY HEAT AS REQUIRED IN CONCRETE MIX WHEN AIR TEMPERATURE IS BELOW 5°C.

MINIMUM CONCRETE TEMPERATURES AT TIME OF PLACING:
-CONCRETE LESS THAN 36" TRICK MUST BE AT LEAST 10°C,
-CONCRETE GREATER THAN 36" TRICK MUST BE AT LEAST 5°C.

MAINTAIN ALL NEW Y PLACED CONCRETE TEMPERATURE AT 10YC OR HIGHER FOR AT

WHERE SUPPLEMENTARY HEAT IS PROVIDED, USE APPROVED CONCRETE HEATERS WITH IST VENTED AWAY FROM THE SURFACE OF CONCRETE.

COLD WEATHER PROTECTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF CSA A23.1 AND ACt 306

TIMBER

ALL STRUCTURAL FRAMING LUMBER SHALL CONFORM TO THE REQUIREMENTS OF CSA 089.1, AND HAVE A MOISTURE CONTENT OF LESS THAN 19%.

THE SPECIES AND GRADE OF STRUCTURAL LUNBER, UNLESS OTHERWISE NOTED, SHALL BE

WALL STUDS	SPF	No. 2 OR BETTER
BEARING WALL PLATES	SPF	No. 2 OR BETTER
FLOOR JOISTS	SPF	No. 2 OR BETTER
BUILT-UP BEAMS	SPF	No. 2 OR BETTER
BUILT-UP POSTS	SPF	No. 2 OR BETTER

ANY LUMBER NOT GRADED WILL BE REJECTED

ALL FRAHING EXPOSED TO WEATHER SHALL BE PRESSURE TREATED FOR EXTERIOR USE.

FLOOR SHEATHING SHALL BE CSP PLYWOOD, MINNEUM \$4" THICKNESS OR AS NOTED ON PLAYS, GRADED TO CSA 0121 - N78 EXTERIOR GRADE, UNLESS OTHERWISE NOTED.
TONGUE AND GROOVE PANELS SHALL BE USED FOR ALL FLOORS, GLUED AND FASTENED WITH 25" HARS @ 6" o.c. ALONG ALL SUPPORTED PAREL EDGES AND 10" ALONG EDVATE SUPPORT MEMBERS, UNILESS HOTED OTHERWISE, ALL PAREL TONGUES

WALL, ROOF AND UNDERSHEATHING SHALL BE ORIENTED STRAND BOARD, MAINUAL & THICKNESS, OR AS NOTED ON PLANS, GRADED TO CANS - 0437.0, FASTENED TO FRAUNG NEWBERS WITH 2" NAIS @ 6" O.C. AT SUPPORTED PANEL EDGES AND AT 12" O.C. ALONG INTERMEDIATED SUPPORT NEWBERS.

ALL NAMES SHALL CONFORM TO THE REQUIREMENTS OF CSA STANDARD BILL.

CONSTRUCT ALL WOOD FRAMING TO THE REQUIREMENTS OF THE BC BUILDING CODE, PART 9, SECTION 9.24 AS A MINIMUM STANDARD, AND AS NOTED ON THE DRAWYOS. SEE NBC-95 NAULING SCHEDULE FOR NAULED CONNECTIONS.

all Built-up posis noted on plans indicate the required injugates if cripple studs below beam ends. Provide minimum of one cripple below beam didos unless noted otherwise, provide additional full height stud beside the cripple BELOW BEAM ENDS UNLESS OTHERWISE NOTED.

LL BUILT-UP BEAMS OF HEADERS TO BE HAILED TOGETHER WITH 2 ROWS OF 35" HAILS 9 16" Q.G. UNLESS NOTED OTHERWISE, ALL HEADERS SHALL BE CONSTRUCTED USING 2-2x10'S UKLESS OTHERWISE NOTED.

INDIVIDUAL NEUBERS OF BUILT-UP BEAMS OR HEADERS TO BE UNSPLICED BETWEEN SUPPORTS. HOLES OR OTHER PENETRATIONS ARE <u>NOT</u> ALLOWED THROUGH ANY BEAM.

ALL HON-LOADBEARING WALLS PARALLEL TO FLOOR JOSSIS SHALL BE SUFFORTED BY AN ADDITIONAL FLOOR JOIST BELOW, OR BY MINHULL 216 BLOCKING PLACED SETWELL JUSTS WITH SPACING NOT TO EXCEED 4'-0' e.c.

LOADBEARING WALLS SHALL BE SUPPORTED BY WALLS, BEAMS, OR JOISTS RUHRING PERPENDIQUIAR TO WALLS PROVIDE BLOCKING COURL TO THE JOST DEPTH FOR DROPPED BEAMS AND WALLS BELOW, PROVIDE DOUBLE BLOCKING BETWEEN LOADBEARNG FLOOR JOISTS RUHNING PERPENDICULAR TO WALLS.

PROVIDE SOUD BLOCKING TO TRANSFER POINT LOADS THROUGH THE FLOOR

ALL TOP WALL PLATES SHALL BE DOUBLE AND CONTINUOUS, WITH SPLICES STAGGERED HOT LESS THAN 32". TOP PLATES MAY BE OWITTED FOR FLUSH BEAMS PROVIDED METAL STRAPS ARE USED TO PROVIDE CONTINUITY. SEE STRUCTURAL DETAILS FOR OCCURANCE.

REAUS AND UNITELS SHALL BE SECURED AGAINST UPLIFT AS MAY OCCUR IN THE DESIGN.

ALL LOADBEARING & EXTERIOR WALL STUDS TO BE ANCHORED TO CONCRETE AT THE BASE WITH %" CHAMETER BOLTS O 4'-0" O.G. MAXIMUM SPACING, UNLESS HOTED

INSTALL ALL LIGHT GAUGE CONNECTION HARDWARE AS PER MANUFACTURER'S

INSPECTIONS: NOTIFY ENGNEER 36 HOURS IN ADVANCE FOR INSPECTION OF STRUCTURAL WOOD FRAMING, ENSURE THAT ALL HOLD DOWNS, ANCHORS AND CONNECTION HARDWARE IS UNCOVERED AND VISIBLE BEFORE INSPECTIONS.

STRUCTURAL COMPOSITE LUMBER

PARALLAM, TIMBERSTRAND AND PARALLAM STRUCTURAL COMPOSITE LUMBER SHALL BE PROPERTIES:

PARALLAL PSL - BEAU L = 2,200,000 psl Fs = 5,560 psl Fv = 540 psl Fc (PARALLEL) = 4,630 psl Fc (PERP.) = 1,345 psl PARALLAM PSL - COLUMN L = 1,800,000 psl Fb = 4,445 psl
To = 5,560 pai FV = 540 pai FC (PARALLEL) = 4,850 pai FC (PERP.) = 1,365 pai PARALLAM PSL = COLUMN E = 1,800,000 pai fb = 4,445 pai
FV = 540 psi Fc (FARALLEL) = 4,830 psi Fc (FERP.) = 1,345 psi PARALLAM PSL = COLUMN t = 1,800,000 psi fb = 4,445 psi
Fe (PARALLEL) = 4,830 psi Fe (PERP.) = 1,345 psi PARALLAN PS. — COLUMN E = 1,800,000 psi Fs = 4,445 psi
Fc (PERP.) = 1,365 psi PARALLAM PSL = COLUMN E = 1,600,000 psi fb = 4,445 psi
PARALLAM PSL — COLUMN E == 1,800,000 psi Fb == 4,445 psi
E = 1,800,000 psi Fb = 4,445 psi
fb = 4,445 psi
fb = 4,445 psi
Fv = 355 psi
Fe (PARALLEL) = 3990 psl
Fe (PERP.) = 775 psl
WESTFRASER LVL
£ = 2,000,000 psi
Fb = 5,729 psl
Fv = 647 psi
Fe (PARALLEL) = 3,000 psl
TIMBERSTRAND LSL
€ - 1,550,000 psl
Fo = 4,295 psl
fv = 575 psl
Fe (PARALLEL) = 3,270 psl
Fc (PERP.) # 1,455 psi

ALTERNATES SHALL BE SUBMITTED IN WRITING FOR APPROVAL.

ALL LAWRATED WESTFRASER LYL BEAMS TO BE HALED AS PER ENGINEER DRAWINGS

GLULAM LUMBER

ALL GLULAN BEAUS SHALL BE D.FIR SPECIES AND STRESS GRADED TO 241-E ACCORDING

CONTRACTOR TO ENSURE THAT ALL CLULAN BEAMS ARE INSTALLED ACCORDING TO MANUFACTURERS SPECIFICATIONS AND ARE NOT INVERTED.

ALL GLULAN COLUMNS SHALL BE D.FR SPECIES AND STRESS GRADEO TO 16c-E ACCORDING TO CAN/CSA-0122.

ENGINEERED ROOF TRUSSES

DESIGN ROOF TRUSSES IN ACCORDANCE WITH "TRUSS DESIGN PROCEDURES AND SPECIFICATIONS FOR LIGHT METAL CONNECTED WOOD TRUSSES" TPIC - 1996.

TOP/BOTTOM CHORD	2x4 SPF No. 2
WEBS	2×4 SPF STUD GRADE
BOTTOM CHORD (GIRDERS)	2×6 D.FIR No. 2
TOP CHORD LIVE LOAD	30 psf
TOP CHORD DEAD LOAD	3 psf
BOTTON CHORD LIVE LOAD*	10 psf
BOTTOM CHORD DEAD LOAD*	7 psf
LIVE LOAD DEFLECTION	L/360
DEAD LOAD DEFLECTION	L/240
NAXIKUM CANBER	X*

DESIGN ALL ROOF TRUSSES WITH A MENIUM BUTT CUT OF 1%" UNLESS NOTED

FASTEN EACH END OF TRUSS USING ONE METAL FRAMING ANCHOR UNLESS NOTED

FIELD DRILLING, DROPPING, CUTING OR OTHER MODIFICATIONS TO TRUSSES IS NOT PERMITTED WITHOUT THE WRITTEN APPROVAL OF THE TRUSS MANUFACTURER'S PROFESSIONAL ENGINEER AND THE ACCEPTANCE OF THE ENGINEER.

AUCH WEB PATTERNS ON ADJACENT TRUSSES FOR MECHANICAL DUCT AUGMMENTS, ETC.

SUBMIT SHOP DRAWINGS TO ENGINEER AND RECIEVE REVIEWED SHOP DRAWINGS PRIOR TO FABRICATION, SHOP DRAWINGS SHALL SHOW DESIGN LOADS (INCLUDING UPLIFT), CAMBER, DIMENSIONS, MEMBER SIZES, GRADE AND SPECIES OF MATERIAL, CONNECTORS, TIEDOWHIS, BRACHO AND DETAILS INCLUDING FRAUNG AND CONNECTIONS TO FRAME OPERAISS IN THE ROOF, A PROFESSIONAL ENGINEER REGISTERED IN BC SHALL SEAL AND SIGN THE SHOP DRAWINGS PRIOR TO SUBMISSION.

SCHEDULE

SS

DVP18-0215

Planner

Initials

This forms part of application

City of

Kelowna

STRUCTURAL STEEL

FARRICATE AND ERRECT STRUCTURAL STEEL TO CSA-SIS.

TICHTEN ALL BOLTS WITH IMPACT WRENCH

FRAME OPENINGS IN STEEL DECK GREATER THAN 18" WITH L 3 3-1/2x3-1/2x1/4 SUPPLY ALL EMBEDDED METAL CONNECTORS SHOWN ON DRAWINGS.

PAINT STEEL SURFACES INTENDED FOR HEATED INTERIOR AREAS WITH ONE COAT O PRIMER TO OSC/CPMA 1-73A. USE ONE COAT OF EXTEROR APPROVED PRIMER FOR ALL STEEL SURFACES EXPOSED DIRECTLY TO MEATHER AND FOR STEEL IN UNREATED BUT COVERED AREAS SUCH AS CANOPIES. PRIMERS MAY BE EXCLUDED ONLY WHERE SPRAYED THE PROOFING IS SPECIFIED OR SPECIFICALLY APPROVED BY THE OWNER AND THE

SUBJECT FOUR SETS OF SHOP DRAWINGS TO THE ENGINEER AND RECEIVE APPROVAL PRIOR TO FABRICATION, SHOW ALL DETAILS, INCLUDING FIELD WELDS, AND MATERIAL SPECIFICATIONS. SHOP DRAWNES TO BE SEALED BY A B.C. PROFESSIONAL ENGINEER FOR

WELD TO CSA WS9 BY FABRICATORS QUALIFIED TO CSA W47.1.

STEEL DECKING

DESIGN, FABRICATE AND INSTALL STEEL DECK TO CSA SIJO AND CANADUM SHEET STEEL BUILDING INSTITUTE STANDARDS UNLESS OTHERWISE NOTED.

DECKING PROFILE AS SPECIFIED ON DRAWINGS, MINIMUM 22 go. (0.030") STEEL CONFORMING TO ASTM A553/A553M, ZFO75 WPE COAT OR 2275 (G90). SEE DRAWNGS FOR DESIGN LOAD, METAL GAUGE, FASTENINGS SCHEDULE AND CALVANIZHG.

PROVIDE DRAIN HOLES AS REQUIRED TO PREVENT RAINWATER ACCULIULATION DURING

INSTALL DECKING CONTINUOUS OVER MINIMU THREE SPANS EXCEPT WHERE OTHERWISE

FASTEN DECK TO SUPPORTING STEEL WITH POWER DRIVE PAYS, SELF-DRILING SCREMS, OR WELDS IN ACCORDANCE WITH THE DRAWINGS. FASTEN SDE LAPS WITH SELF-DRILING SCREWS AS SCHEDULED, USE GALV. FASTENERS FOR EXTERIOR EXPOSURE AND UNHEATED

PROVIDE HEADED SHEAR STUDS WHERE INDICATED ON THE DRAWNGS, FELD INSTALL THROUGH THE DECK AND TEST IN ACCORDANCE WITH CSA W59.

CUT AND FRAME OPENINGS BETWEEN 6" AND 18" WITH STEEL STUDS PERPENDICULAR TO FILITES. OPENINGS LARGER THAN 18" FRAMED BY STRUCTURAL STEEL ERECTOR. SUBJULT FOUR SETS OF SHOP DRAWINGS TO THE ENGINEER AND RECEIVE APPROVAL PRIOR

CATION SHOW ALL DETAILS, MATERIALS SPECIFICATIONS AND DESIGN LOADS

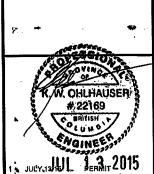
—— 26° — - W, DS -----ROOF DECK FASTENING SCHEDULE ZONE CAUGE | SATERIO SPENG | 1 22 (0.030') 36/4 PATTERN 22 (0.030*) 36/7 6* 0/c
| 22 (0.030*) 35/9 6* 0/c
| 22 (0.030*) 35/9 6* 0/c
| 22 (0.030*) 35/9 6* 0/c 4 22 (0.030°) 38/11 6° 0/e 5 20 (0.036°) 38/71 6° 0/e 6 20 (0.036°) 35/9 6° 0/e 7 20 (0.036°) 35/11 6° 0/e 8 16 (0.046°) 35/11 6° 0/e 10 (0.036°) 36/11 6° 0/e 10 (0.036°) 36/11 6° 0/e

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√--√--√--√--√--, 36/11 PATTER

LEGEND	
	2x6 OR 2x4 SPF Ho.2 LOAD-BEARING WALL (16" o.c. U.H.O) SEE WALL SCHEDULE
SWA	SHEARWALL PER PLAN AND SCHEDULE
1 1	NON LOAD BEARING WOOD-FRAMED WALL
7///	CONCRETÉ ICF WINDOW LINTEL - SEE LINTEL SCHEDULE FOR REINFORCING
	TALL FOUNDATION WALL PER PLAN AND SCHEDULE
C0222	FOUNDATION WALL PER PLAN AND SCHEDULE
	FOOTING PER PLAN AND SCHEDULE
B1	HEADER/BEAM PER PLAN AND SCHEDULE
gt	PREMANUFACTURED ROOF GIRDER TRUSS
[36]	BUILT UP POST LEGEND USE: 2 6 1 UNLESS OTHERWISE NOTED FIRST MUMBER - TOTAL NUMBER OF PLYS
2007 2007	SECOND MUMBER = SIZE OF PLYS (eg. 6-2-6) THURD MUMBER = MUMBER OF CREPTES
0 XX 0.0.	JOISTS / PREMANUFACTURED ROOF TRUSSES PER PLAN AND SCHEDULE
6 ''	POST PER PLAN AND SCHEDULE
Ø	POINT LOAD FROM ABOVE

LINE LOAD FROM ABOVE



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ISS. DATE ISSUED FOR: **Acu**Truss INDUSTRIES

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GENERAL NOTES

SS KO. SCALE ROJECT No AS NOTED

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