Development Variance Permit DVP20-0142



This permit relates to land in the City of Kelowna municipally known as

4341 Hazell Road, Kelowna, BC

and legally known as

Lot 3 District Lot 358 ODYD Plan 18307

and permits the land to be used for the following development:

Single Dwelling Housing

The present owner and any subsequent owner of the above described land must comply with any attached terms and conditions.

Date of Council Decision:

Decision By: COUNCIL

Development Permit Area: N/A

Existing Zone: RU1 – Large Lot Housing

Future Land Use Designation: S2RES – Single / Two Unit Residential

This is NOT a Building Permit.

In addition to your Development Permit, a Building Permit may be required prior to any work commencing. For further information, contact the City of Kelowna, Development Services Branch.

NOTICE

This permit does not relieve the owner or the owner's authorized agent from full compliance with the requirements of any federal, provincial or other municipal legislation, or the terms and conditions of any easement, covenant, building scheme or agreement affecting the building or land.

Date

Owner: Long Van Thanh Quang & Iona Ladine Quang

Applicant: Richard Michel

Planner: Arlene Janousek

Terry Barton
Community Planning Department Manager

Planning & Development Services

1. SCOPE OF APPROVAL

This Development Permit applies to and only to those lands within the Municipality as described above, and any and all buildings, structures and other development thereon.

This Development Permit is issued subject to compliance with all of the Bylaws of the Municipality applicable thereto, except as specifically varied or supplemented by this permit, noted in the Terms and Conditions below.

The issuance of a permit limits the permit holder to be in strict compliance with regulations of the Zoning Bylaw and all other Bylaws unless specific variances have been authorized by the Development Permit. No implied variances from bylaw provisions shall be granted by virtue of drawing notations that are inconsistent with bylaw provisions and that may not have been identified as required Variances by the applicant or Municipal staff.

2. CONDITIONS OF APPROVAL

- a) The dimensions and siting of the building to be constructed on the land be in accordance with Schedule "A";
- b) The exterior design and finish of the building to be constructed on the land be in accordance with Schedule "B";

AND THAT a variance to the following section of Zoning Bylaw No. 8000 be granted:

Section 13.1.6(c): RU1 - Large Lot Housing Development Regulations

To vary the required minimum front yard from 4.5 m permitted to 2.5 m proposed.

This Development Permit is valid for two (2) years from the date of approval, with no opportunity to extend.

3. INDEMNIFICATION

Upon commencement of the works authorized by this Permit the Developer covenants and agrees to save harmless and effectually indemnify the Municipality against:

a) All actions and proceedings, costs, damages, expenses, claims, and demands whatsoever and by whomsoever brought, by reason of the Municipality said Permit.

All costs, expenses, claims that may be incurred by the Municipality where the construction, engineering or other types of works as called for by the Permit results in damages to any property owned in whole or in part by the Municipality or which the Municipality by duty or custom is obliged, directly or indirectly in any way or to any degree, to construct, repair, or maintain.

The PERMIT HOLDER is the <u>CURRENT LAND OWNER</u>. Security shall <u>ONLY</u> be returned to the signatory of the Landscape Agreement or their designates.

GENERAL SPECIFICATIONS

CODES & STANDARDS

ALL WORKMANSHIP TO BE OF A STANDARD EQUAL IN ALL RESPECTS TO GOOD NORTH AMERICAN BUILDING PRACTICES AT TIME OF PREPARATION, THESE DRAWINGS WERE MADE IN ACCORDANCE TO NATIONAL BUILDING CODE STANDARDS. B.C. BLILDING CODE STANDARDS AS WELL AS LOCAL BUILDING CODE REQUIREMENTS FOR SPECIFIC CONDITIONS. IT IS THE RESPONSIBILITY OF THE PLAN HOLDER (OWNER OR BUILDER) TO ENSURE THAT ANY CHANGES OR AMENDMENTS TO CODE STANDARDS BE INCORPORATED INTO THESE DRAWINGS. ALL WORK SHALL CONFORM TO LOCAL OR REGIONAL BUILDING CODES AND ANY LOCAL BYLAW WHICH MAY TAKE PRECEDENCE.

THE BUILDER IS RESPONSIBLE TO VERIFY ALL INFORMATION. DIMENSIONS & SPECIFICATIONS REGARDING THESE PLANS PRIOR TO COMMENCEMENT OF CONSTRUCTION. VRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED MEASUREMENTS. ANY VARIATION REGARDING STRUCTURAL ELEMENTS OR SPECIFICATIONS OF THESE DRAWINGS DUE TO VARIATIONS IN SITE CONDITIONS SHALL BE RESOLVED BY THE BUILDER OR OWNER SUCH RESOLUTIONS ARE TO BE THEIR SOLE RESPONSIBILITY.

CONCRETE FOUNDATIONS:

ALL CAST-IN-PLACE CONCRETE TO HAVE A MINIMUM COMPRESSIVE 5TRENGTH OF 2900 P31 (20MPA) AT 28 DAYS. CONCRETE FOOTINGS MUST BE PLACED ON UNDISTURBED SOIL OR COMPACTED SOIL TO AN ELEVATION BELOW FROST LEVEL. FOOTINGS SHOWN ON THESE DRAWINGS HAVE BEEN DESIGNED FOR A SOIL BEARING CAPACITY OF 2500 PSF. IT IS THE RESPONSIBILITY OF THE BUILDER OR OWNER TO HAVE THE FOOTINGS REDESIGNED BY QUALIFIED PERSONS TO SUIT ANY LESSER BEARING CAPACITY CONDITIONS WHICH MAY BE ENCOUNTERED ON SITE.

FOUNDATION WALLS SHALL NOT BE BACKFILLED UNTIL CONCRETE OR MASONRY GROUT HAS REACHED ITS SPECIFIC 28 DAY STRENGTH AND STRUCTURAL FLOOR FRAMING (INCLUDING SUB-FLOOR) REQUIRED TO STABILIZE WALLS IS COMPLETELY & FULLY NAILED & ANCHORED. ALL CONCRETE & MASONRY FOUNDATION WALLS REQUIRED TO EXCEED THE LIMITS STATED IN THE NATIONAL BUILDING G CODE ARE REQUIRED TO BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER ALL FOUNDATION WALLS 24" (600mm) AND HIGHER TO HAVE ONE HORIZONTAL IOM REINFORCING BAR 3" (75m) FROM TOP OF WALL CENTRE REINFORCING TO BE LAPPED A MINIMUM OF 24" (600mm).

ALL FOOTINGS SHALL HAVE TWO (2) IOM REINFORCING BARS. THESE REINFORCING BARS ARE TO BE LOCATED SLICH THAT ONE BAR IS 3" (75m) CLEAR DISTANCE OF THE SIDE & BOTTOM OF THE FOOTING AT BOTH SIDES OF THE FOOTING.

GRADE LEVELS SHOWN ON THESE DRAWINGS ARE ESTIMATES ONLY. ADJUSTMENTS AS REQUIRED ARE TO BE MADE ON SITE. RETAINING WALLS OTHER THAN THE FOUNDATIONS WALLS OF THE RESIDENCE ARE BEYOND THE *5COPE O*F THESE DRAWINGS UNLESS *O*THERWISE NOTED.

DEPTHS OF FOUNDATIONS:

DEPTHS OF FOUNDATIONS TO BE AS PER NATIONAL BUILDING CODE STANDARDS AND IN CONJUNCTION WITH STANDARDS ACCEPTABLE TO LOCAL BUILDING AUTHORITY.

MASONRY ABOVE GRADE:

ALL ABOVE GRADE MASONRY IS TO CONFORM TO STANDARDS OF THE NATIONAL BUILDING CODE. WHERE BRICK VENEER 13 INSTALLED. COUNTERFLASHINGS SHALL BE NSTALLED TO A MINIMUM 8" (200mm) UP BELLIND BUILDING FELTS & BELOW THE BOTTOM COURSE WITH VERTICAL JOINTS RACKED CLEAN VEEPHOLES AT MINIMUM 24" (600mm) o.c.

CARPENTRY:

FRAMNG LUMBER SHALL BE. No. 2 S.P.F. OR BETTER UNLESS OTHERWISE SPECIFIED. FOR OTHER COMMON SPECIES. REFER TO SPAN TABLES OF THE CURRENT EDITION OF THE NATIONAL OR B.C. BUILDING CODES. ALL BEAM & LINTEL SIZES SHOWN ON THE DRAWINGS ARE BASED ON NO.2 S.P.F. & ARE TO BE 2 X 12 BUILT-UP UNLESS OTHERWISE SPECIFIED.

JOISTS ARE TO BE DOUBLED LINDER INTERIOR PARTITION WALLS JOISTS SHALL BE PLACED TO MINIMIZE INTERFERENCE WITH HEATING &

PLUMBING ELEMENTS. ALL HEADERS & TRIMMERS ARE TO COMPLY WITH CURRENT EDITION OF THE

NATIONAL & B.C. BUILDING CODE 5. THE BUILDER OR OWNER ARE TO OBTAIN NECESSARY CERTIFICATES FROM FLOOR JOIST. ROOF TRUSS. LVL & GLULAM AMNUFACTURERS FOR STRUCTURAL COMPLIANCE FLOOR & ROOF JOIST SPANS OF MORE THAN 7'-0" (2135M) SHALL BE BRIDGED AT MDSPAN OR AT 7-0" (2135mm) OC. MAXIMUM UNLESS SHEATHED OR STRAPPED BOTH SIDES WITH WOOD. BRIDGING SHALL BE A 2: X 2: DIAGONAL TYPE WHENEVER POSSIBLE. W*oo*d IN *co*ntact With *co*ncrete shall e dampr*oo*fed With 45# felt OR CLOSED CELL GASKET MATERIAL, OR PRESSURE TREATED WOOD USING A WATERBOUNE PRESERVATIVE OR OTHER APPROVED METHOD. NTERIOR FRAMING TO BE 4" (100m) CLEAR OF BACK & SIDES OF ANY FIREBOX AND 2" (50M) CLEAR OF BRICK CHMNEYS. FRAME INTERIOR WALLS 1" (25M) CLEAR FROM EXTERIOR FIREPLACES. SILL PLATES TO BE ANCHORED TO CONCRETE WITH 5/8" OD. (8MM) ANCHOR BOLTS @

MNIMUM 8'-0" (2400mm) o.c. OR OTHER APPROVED METHOD. FLUSH FRAMED WOOD MEMBERS SHALL BE ANCHORED WITH 2000# (90KG) RATED

JOIST HANGERS UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE FROM THE OUTSIDE FACE OF SHEATHING TO THE CENTRE OF PARTITION

VAPOUR BARRIER & MOISTURE RETARDATION:

ALL JOINTS IN VAPOUR BARRIER TO BE LAPPED MIN 4" & TO OCCUR OVER FRAMING MEMBERS OR SEALED WITH CAULKING. ALL HOLES THROUGH VAPOUR BARRIER FOR WIRES, ELECTRICAL BOXES, PIPING, DUCTS, ETC. SHALL BE SEALED. SILL PLATES TO BE PRESSURE TREATED OR SEPARATED FROM CONCRETE BY DAMPROOFING MATERIAL. MOISTURE RESISTANT BACKING IS REQUIRED AROUND ALL BATHTUBS OR SHOWERS WHER CERAMIC TILE & PLASTIC SHEET IS TO BE INSTALLED.

MISCELLANE OUS:

ALL EXTERIOR OPENINGS. ALL AREAS SHALL BE PROPERLY FLASHED WHERE A CHANGE IN EXTERIOR MATERIALS OCCUR OR DISSIMILAR MATERIALS ARE USED. FLASHING REQUIRED OVER ALL EXTERIOR OPENINGS. ALL SIDING OR STUCCO TO BE A MINIMUM 8" ABOVE FINISHED GRADE LEVEL. CAST IRON CHIMNEY FLUES ARE REQUIRED TO BE APPROVED FOR ALL FIREPLACES ALL BALCONY RAILINGS TO BE 3-6" IN HEIGHT WITH A MAXIMUM SPACING OF 4" BETWEEN VERTICAL MEMBERS. MINIMUM DISTANCE BETWEEN HORIZONTAL RAILS TO BE 32" WITH A TOP RAIL ABILITY TO SUSTAIN OUTWARD APPLIED LOAD *o*f 40 Pounds per lineal foot. CLOTHES CLOSETS SHALL HAVE AT LEAST ONE ROD & SHELF AND A MINIMUM PEPTH OF 24" (945 m) UNLE33 OTHERWISE STATED. LINEN CLOSETS SHALL HAVE 5 ADJUSTABLE SHELVES. WHEREVER POSSIBLE, BROOM CLOSETS SHALL HAVE AT LEAST ONE SHELF.

NON-HARDENING CAULKING COMPOUND SHALL BE APPLIED OVER & AROUND

NSULATION - VENTILATION:

MINIMUM INSULATION REQUIREMENTS ARE AS FOLLOWS: - R*00*F / CEILING: R-44 (R.51 -7.75) - WALLS: (2 X 4) R-14 (R5 1- 25) (2 X 6) R-22 (R.51 - 3.9)

NATIONAL & B.C. BUILDING CODE REQUIREMENTS.

CEILING INSULATION MAY BE LOOSE FILL OR BATT TYPE. VALL & FLOOR INSULATION MUST BE BATT TYPE. WALLS & CEILINGS BETWEEN RESIDENCE & ATTACHED GARAGE SHALL BE INSULATED. NSULATION REQUIREMENTS MAY VARY WITH HEATING SYSTEMS & LOCAL CONDITIONS. ALL ROOF SPACES SHALL BE VENTILATED WITH SOFFIT. ROOF OR GABLE VENTS. OR IN COMBINATION THEREOF. VENTING SHALL BE EQUALLY DISTRIBUTED BETWEEN TOP OF ALL VENTILATION OF CRAIVL SPACES SHALL CONFORM TO STANDARDS OF THE

STUCCO PROJECTIONS:

STUCCO PROJECTIONS & STUCCO CORBELLING TO BE CONSTRUCTED FR*O*M 2 X 4 LUMBER *O*N FLAT WITH 3/4" PLYW*OOD O*VER *CO*RNER BEAD WITH WIRE MESH OR STUCCO WIRE FINISH OVER. ALL EXPOSED HORIZONTAL PROJECTIONS TO BE SLOPED A MINIMUM OF 15 DEGREES TO EXTERIOR SIDE FOR DRAINAGE.

EXTERIOR ENTRY DOORS:

ALL EXTERIOR ENTRY DOORS TO BE INSTALLED WITH THE FOLLOWING MINIMUM REQUIREMENTS. USE SOLID WOOD BLOCKING @ LOCK HEIGHT ON BOTH SIDE OF DOOR JAMBS FOR TWO (2) STUD SPACES (EXCEPT WHERE SIDELIGHTS OCCUR) DEADBOLT LOCK WITH A MINIMUM I' (25mm) THROW. HINGES SECURED TO DOOR WITH I' (25mm) SCREWS & INTO FRAME WITH 3" (75mm) 3CREWS INTO 30LID WOOD BLOCKING. MAIN ENTRANCE DOORS TO HAVE A DOOR VIEWER WITH 180 DEGREE VIEW ANGLE OR DOORLIGHT OR SIDELIGHT WITH A PORTION OF CLEAR GLAZING FOR VIEWING. SIDELIGHTS OR WINDOWS WITHIN 36" (915mm) OF AN EXTERIOR LOCKING DOOR SHALL HAVE SAFETY LAMNATED TEMPERED OR WIRED GLAZING. SLIDING TYPE PATIO DOORS MUST HAVE A PIN TYPE LOCKING

LINTELS & BEARING WALL:

ALL LINTELS IN EXTERIOR FRAME WALLS TO BE 2 X 10 S.P.F. UNLESS OTHER WISE SPECIFIED. ALL SUPPORT COLUMNS FOR GIRDER TRUSSES & BEAMS ARE TO BEAR SECURELY ONTO FOUNDATION. GROUND SNOW LOAD TAKEN AT 40 PSF (19 KN/M).

DEVICE (IE. TOE LOCK) WITH A MINIMUM I' (25mm) THROW.

GENERAL NOTES ALL WORK SHALL BE EQUAL IN ALL RESPECTS TO GOOD BUILDING PRACTICES. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER

SCALED DRAWNGS. THE3E PLANS ARE FOR THE 30LE PURP03E 0F CONSTRUCTION ONLY. THEY MAY NOT BE USED FOR REPEAT CONSTRUCTION OR SOLD TO OTHERS FOR SUCH PURPOSES. THE DESIGN CONTAINED HEREIN IS TO BE A GUIDE ONLY AND CAN BE SUBJECT TO CHANGE AT ANY TIME. PROTOCOL HOME PLANNING & DESIGN, ITS EMPLOYEES OR PRINCIPALS, WILL NOT BE HELD LIABLE FOR ANY CHANGES DUE TO UNFORESEEN CIRCUMSTANCES IN CONSTRUCTION, BUILDING CODES. OR ENGINEERING THAT MAY AFFECT THE ORIGINAL DESIGN OR ANY OTHER CONDITION THAT MAY AFFECT THE OVERALL BUILDING OF THIS OR ANY OTHER RELATED STRUCTURES ON THESE DRAWINGS.

ALL MAJOR STRUCTURAL COMPONENTS & RELATED SUPPORTS AND CONNECTIONS TO BE ENGINEER REVIEWED & CERTIFIED AS REQUIRED BY MUNICIPAL AUTHORITY HAVING JURISDICTION AND THE LATEST VERSIONS OF BOTH THE NATIONAL AND B.C. BUILDING CODES & AMENDMENTS THERTO.

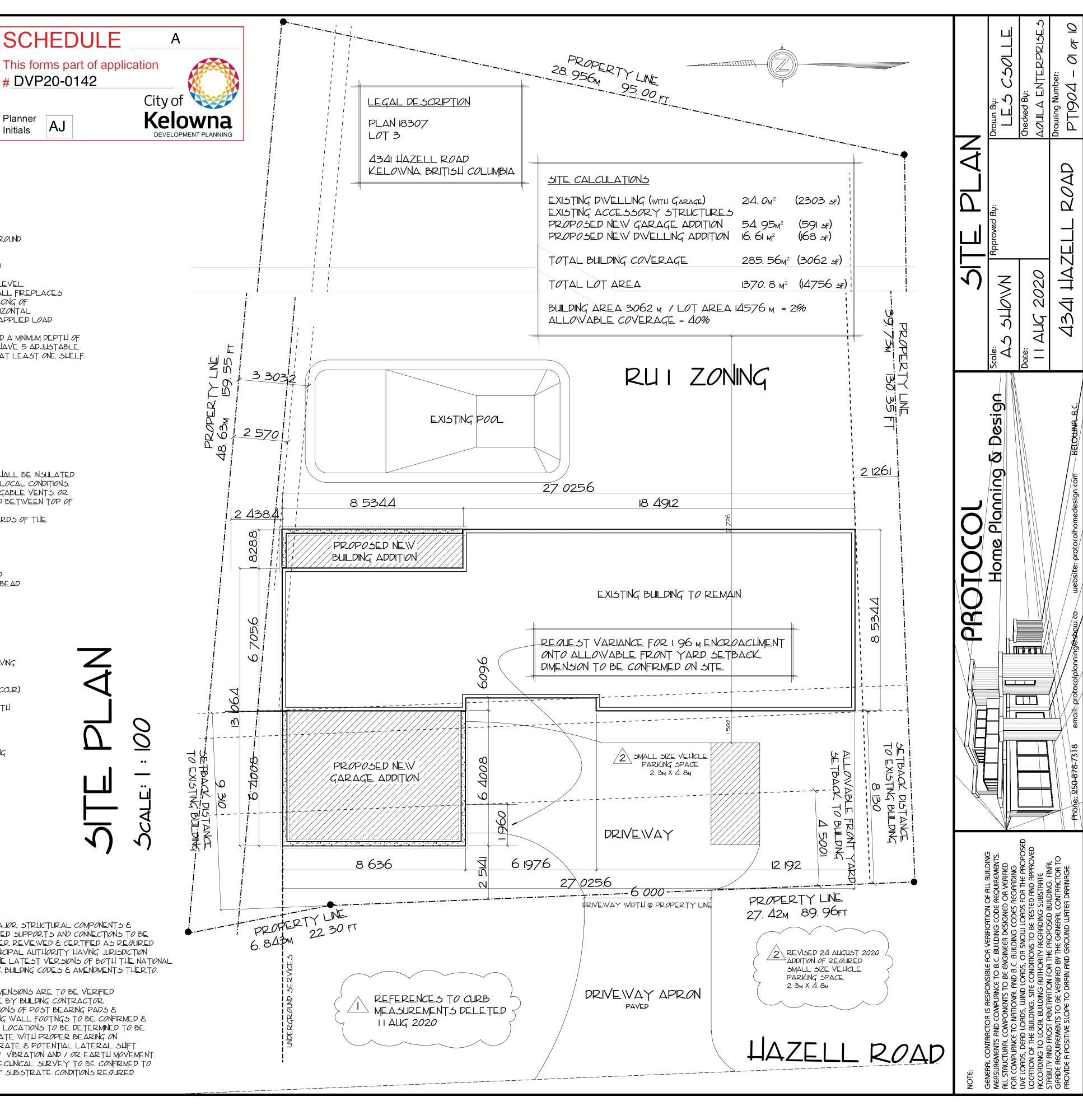
SCHEDULE

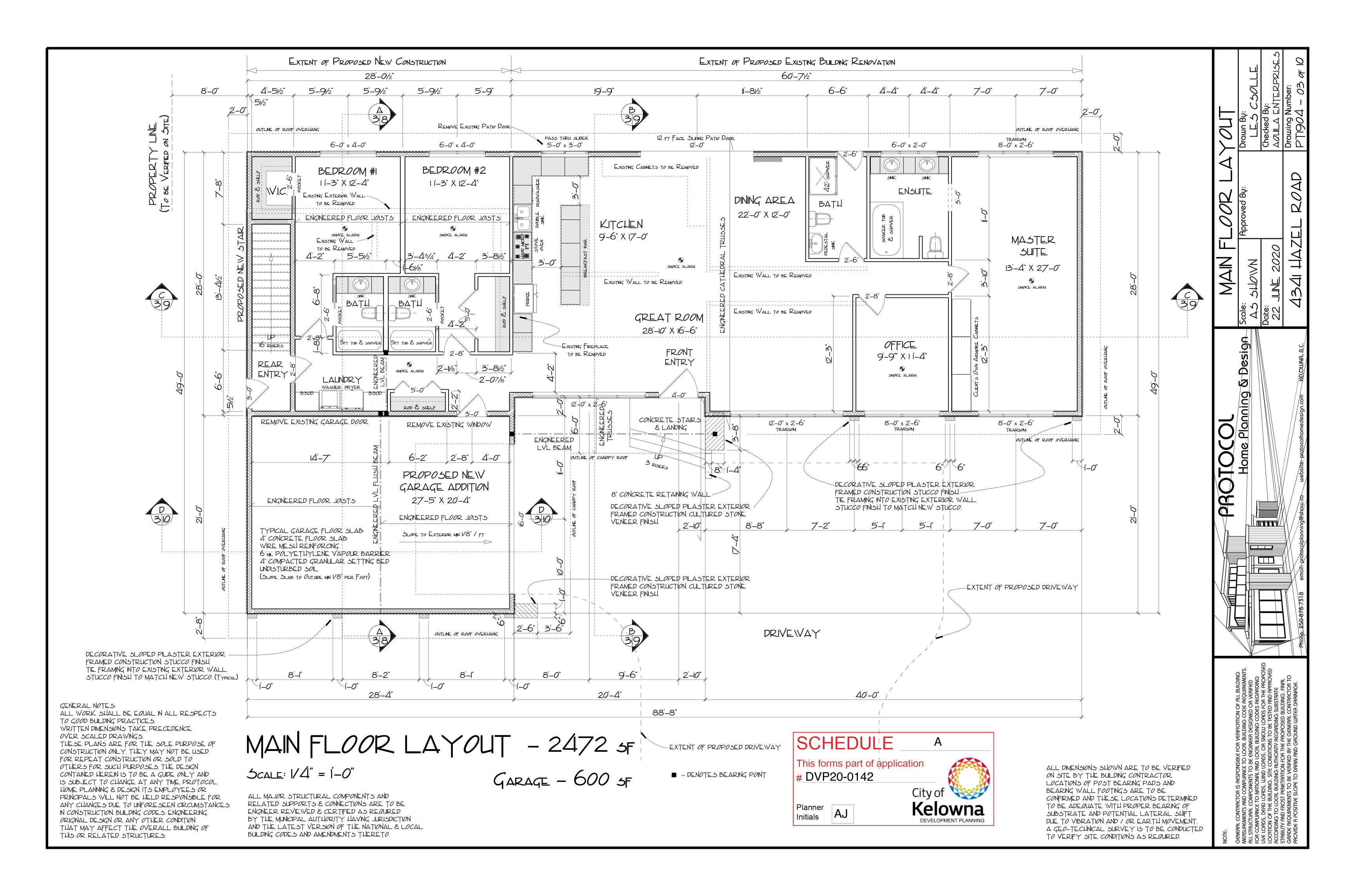
DVP20-0142

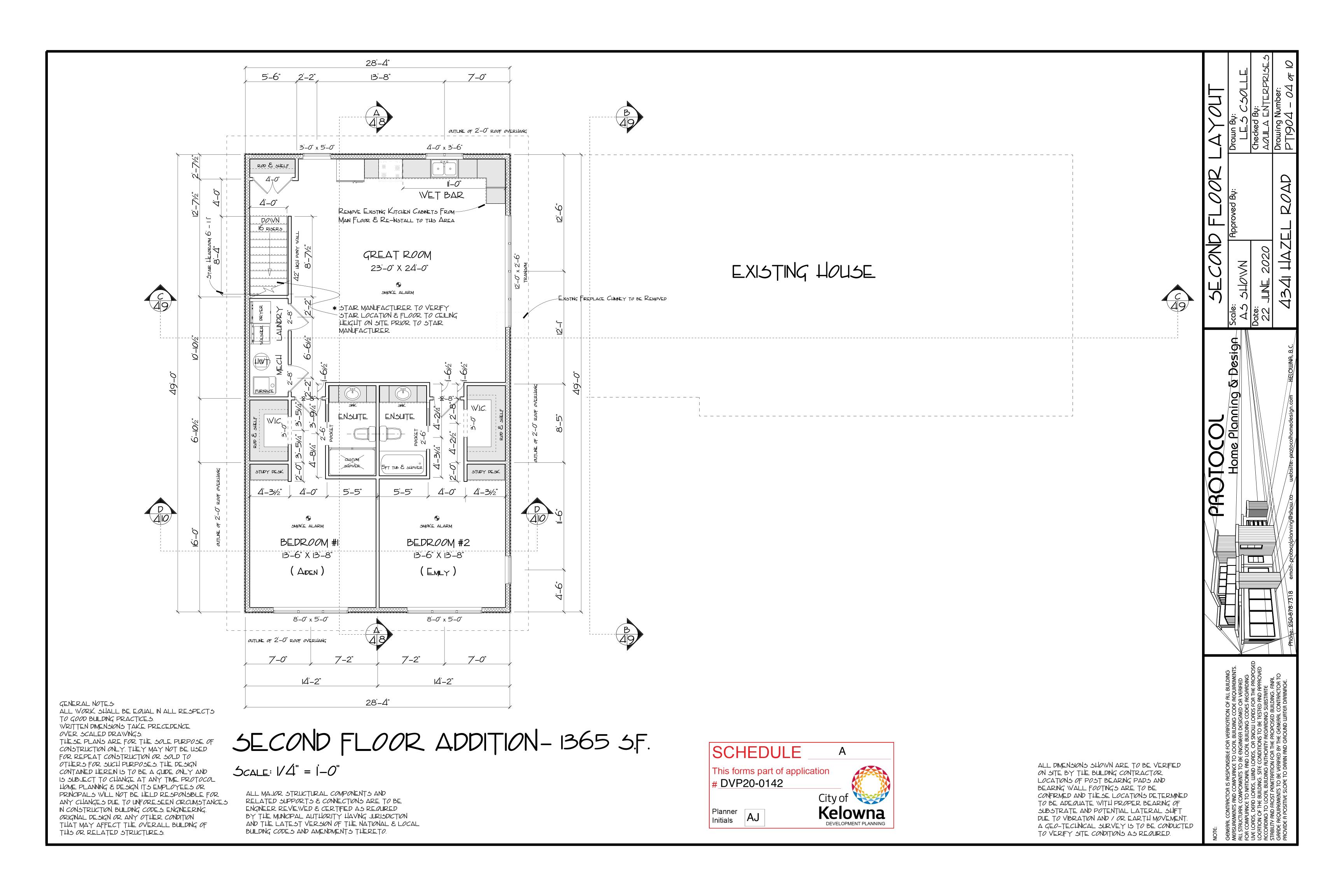
Planner

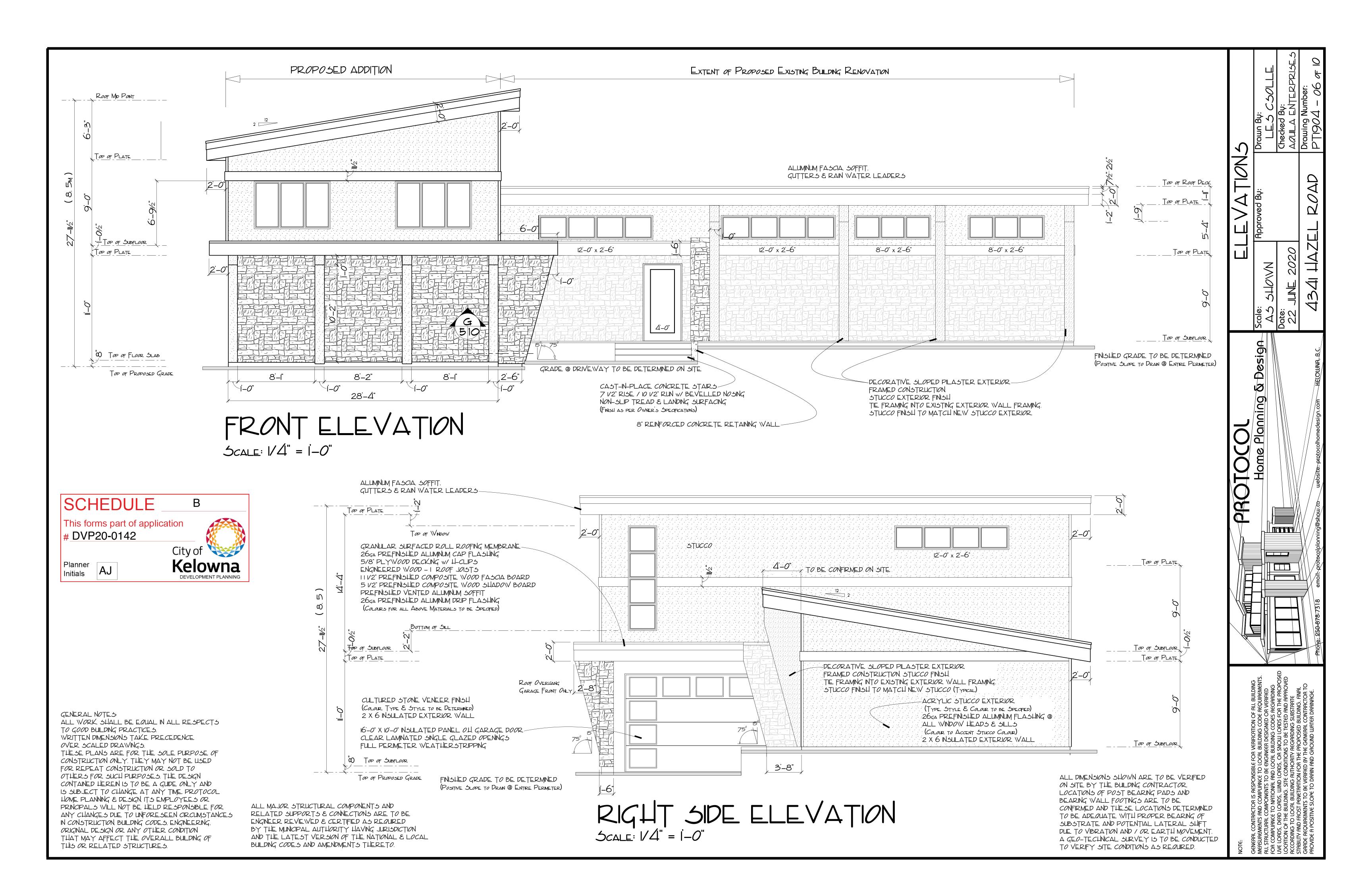
Initials

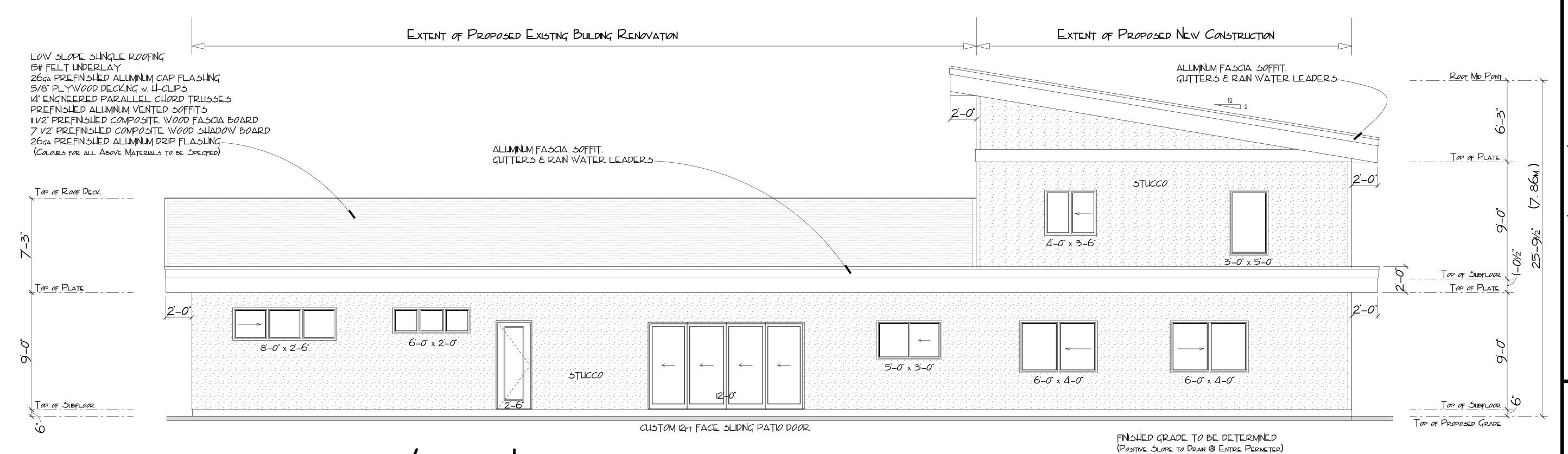
ALL DIMENSIONS ARE TO BE VERIFIED ON SITE BY BUILDING CONTRACTOR. LOCATIONS OF POST BEARING PADS & BEARING WALL FOOTINGS TO BE CONFIRMED & THESE LOCATIONS TO BE DETERMINED TO BE ADEQUATE WITH PROPER BEARING ON SUBSTRATE & POTENTIAL LATERAL SHIFT DUE TO VIBRATION AND / OR EARTH MOVEMENT. GEO-TECHNICAL SURVEY TO BE CONFIRMED TO VERIFY SUBSTRATE CONDITIONS REQUIRED.





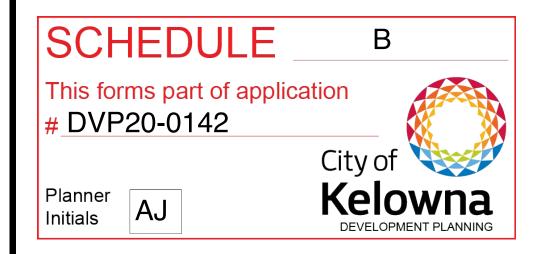




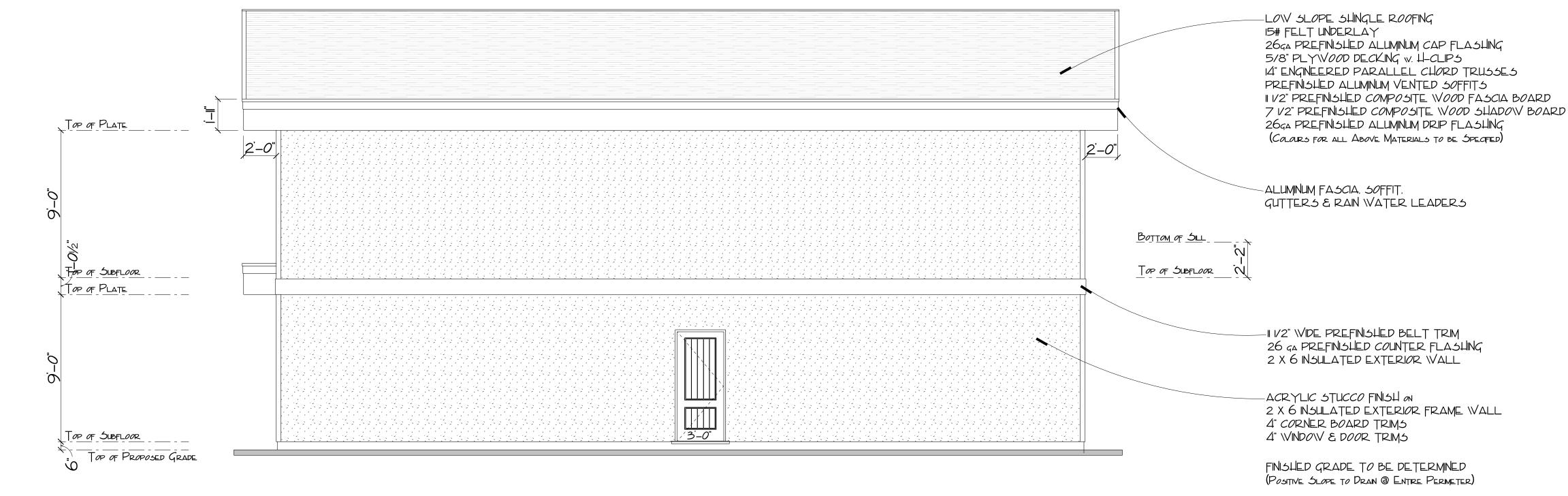


REAR ELEVATION

SCALE: 1/4" = 1-0"



GENERAL NOTES ALL WORK SHALL BE EQUAL IN ALL RESPECTS TO GOOD BUILDING PRACTICES. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DRAWINGS. THE SE PLANS ARE FOR THE SOLE PURPOSE OF CONSTRUCTION ONLY. THEY MAY NOT BE USED FOR REPEAT CONSTRUCTION OR SOLD TO OTHERS FOR SUCH PURPOSES. THE DESIGN CONTAINED HEREIN 13 TO BE A GLIDE ONLY AND 15 SUBJECT TO CHANGE AT ANY TIME PROTOCOL HOME PLANNING & DESIGN, ITS EMPLOYEES OR PRINCIPALS WILL NOT BE HELD RESPONSIBLE FOR ANY CHANGES DUE TO UNFORESEEN CIRCUMSTANCES IN CONSTRUCTION, BUILDING CODES, ENGINEERING. ORIGINAL DESIGN OR ANY OTHER CONDITION THAT MAY AFFECT THE OVERALL BUILDING OF THIS OR RELATED STRUCTURES.



LEFT SIDE ELEVATION SCALE: 1/4" = 1-0"

ALL MAJOR STRUCTURAL COMPONENTS AND
RELATED SUPPORTS & CONNECTIONS ARE TO BE
ENGINEER REVIEWED & CERTIFIED AS REQUIRED
BY THE MUNICIPAL AUTHORITY HAVING JURISDICTION
AND THE LATEST VERSION OF THE NATIONAL & LOCAL
BUILDING CODES AND AMENDMENTS THERETO.

ALL DIMENSIONS SHOWN ARE TO BE VERIFIED ON SITE BY THE BUILDING CONTRACTOR.

LOCATIONS OF POST BEARING PADS AND BEARING WALL FOOTINGS ARE TO BE CONFIRMED AND THESE LOCATIONS DETERMINED TO BE ADEQUATE WITH PROPER BEARING OF SUBSTRATE AND POTENTIAL LATERAL SHIFT DUE TO VIBRATION AND / OR EARTH MOVEMENT. A GEO-TECHNICAL SURVEY IS TO BE CONDUCTED TO VERIFY SITE CONDITIONS AS REQUIRED.

esign Φ PROT