

LOT GRADING STANDARDS:

- 1) All dimensions and grade elevations are expressed in SI units.
- 2) The contractor shall check and verify all given grade elevations and drainage prior to commencement of construction.
- 3) Underside of footing shown is taken from architectural plans and may not represent actual existing conditions.
- 4) Footings must be set on pathologically sound soil or rock, and be free of voids.
- 5) Excavation, trenching, gradebeds, and various fills shall be a minimum depth of 150 mm above finished grade.
- 6) Driveways must be clear of light standards by a MIN of 4.5m and other above ground services or other obstructions (hydro transformers) be pedestals, etc.) by a minimum of 3.0m no deflection in driveway alignments is permitted to achieve the clearance.
- 7) Any above ground utilities not meeting the above noted minimum clearances from proposed driveway are to be relocated at the expense of the applicant.
- 8) Specifics:
 - i) Swales providing internal drainage from each lot shall have a minimum slope of 2%.
 - ii) Swales must be 1.0 m from lot line to higher property.
 - iii) Minimum swale depth to be 250mm.
 - iv) Minimum swale depth to be 3H/1V.
 - v) Maximum swale slope to be 1:1.
 - vi) Maximum depth of side yard swale to be 750 mm.
 - vii) Maximum depth of rear yard swale to be 450 mm.
- 9) Eave downspouts must discharge onto spill-ways. Connections to seeping beds or sewers are not permitted.
- 10) Specifics:
 - i) Maximum 4H: 1V slope if < 1M high.
 - ii) Maximum 4H: 1V slope if > 1M high.
 - iii) Terraces minimum 1.5m wide.
- 11) All lot surfaces to be constructed with a minimum grade of 2.0 %
- 12) Where rear lot calculations are provided, house footing adjacent to the R/CBZ band must be lower than the lead.

CLIENT
ZANCOR HOMES

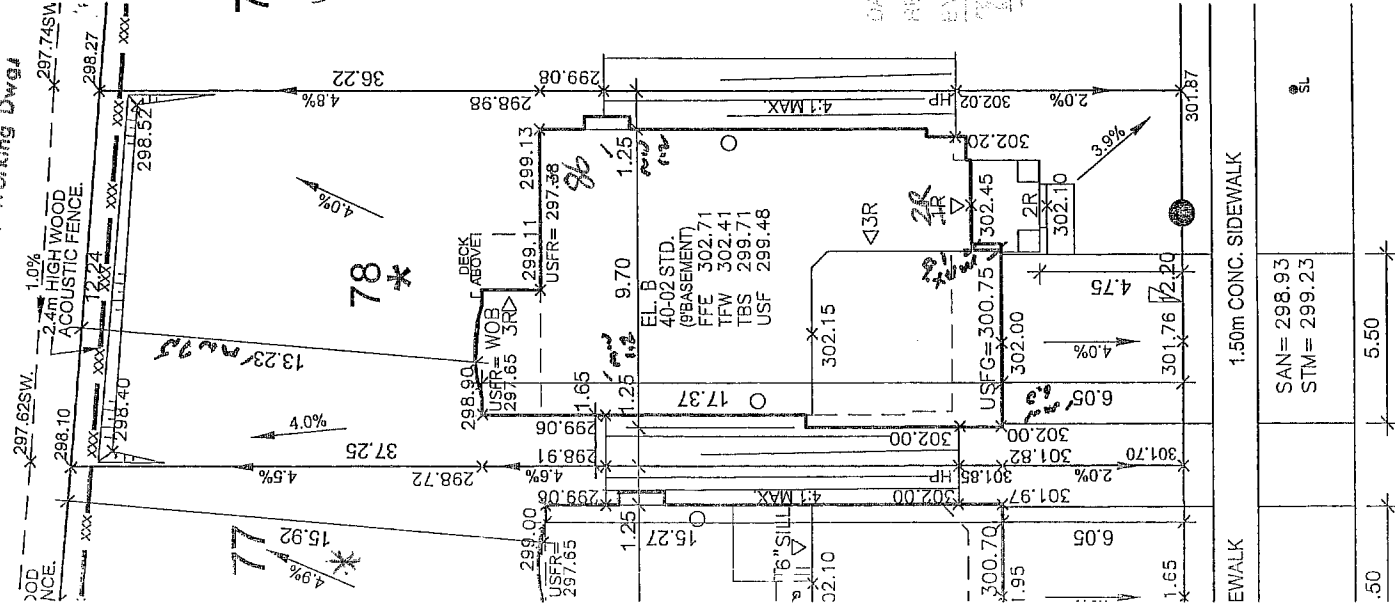
PROJECT/LOCATION
KING CITY
KING CITY, ONTARIO

DRAWING
SITE GRADING PLAN

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

OF GRADE EXPOSED ELEVATION(S)
(See Approved Streetscape, p. 11)

1.0%
 2.4m HIGH WOOD
 ACOUSTIC FENCE.



A circular professional seal for a Licensed Professional Engineer in the Province of Ontario. The seal contains the following information:

- Top Arc:** LICENSED PROFESSIONAL ENGINEER
- Bottom Arc:** PROVINCE OF ONTARIO
- Center:** K. CHEN
- Below Name:** 100136982
- Right Side (Vertical):** JAN 20 2017
- Left Side:** A stylized signature of K. Chen.

NOTES:

- Builder to verify storm and sanitary service lateral elevations prior to pouring footings
- Extend footings at front to ensure 1.25M cover (Min)
- Garage footings to extend to original ground or as directed by soils engineer.

I have reviewed the site and grading plan for the proposed building(s) to be constructed on Lot(s) 78 and hereby certify that:

1. The proposed grading and appurtenant drainage works comply with sound engineer principles.
2. The proposed grading is in conformity with the grading plan approved for the subdivision and will not adversely affect adjacent lands.
3. The proposed building is compatible with the proposed grading.

☐ Reviewed as noted
☒ Accepted without changes

We do not accept responsibility for the accuracy of elevations and dimensions provided by others.

This plan has been reviewed, on behalf of the Township of King, and is satisfactory with respect to general conformance with the overall for grading plan. Approval of this plan is for no other purpose.

BURNSIDE

JUL 18 2012

2012-03-27 2012-03-27

[illegible]

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THE UNIVERSITY OF CHICAGO

7/18/2012

This plan has been reviewed, on behalf of the Board, and found satisfactory with respect to general plan. Approval of this plan is for no other purpose than to indicate that we do not accept responsibility for dimensions provided by others.

Accepted without changes	☒
Reviewed as noted	☐

LEGEND	
FFFE	FINISHED FLOOR ELEVATION
FFWF	TOP OF FOUNDATION WALL
FFBS	TOP OF BASEMENT SLAB
FFSF	UNDER SIDE FOOTING
FFSR	UNDER SIDE FOOTING @ REAR
FFSG	UNDER SIDE FOOTING @ GARAGE
FFEF	TOP OF ENGINEERED FILL
FFR	NUMBER OF RISERS TO GRADE
WOD	WALKOUT DECK
WOB	LOOKOUT BASEMENT
WOB	WALK OUT BASEMENT
REV	REVERSE PLAN
STD	STANDARD PLAN
△	DOOR
○	WINDOW
⊗	BELL PEDISTAL
⊠	CATCH PEDISTAL
□	CATCH BASIN
□	DEL. CATCH BASIN
*	ENGINEERED FILL
◇	HYDRO CONNECTION
⬡	FIRE HYDRANT
⬢	STREET LIGHT
⬣	MAIL BOX
⬤	TRANSFORMER
⬥	WATER VALVE
⬦	WATER CONNECTION
▽	SEWER CONNECTIONS 2 LOTS
▽	SEWER CONNECTIONS 1 LOT
⬧	AIR CONDITIONING
⬨	DOWN SPOUT TO SPLASH PAD
↑	SWALE DIRECTION
—	CHAINLINK FENCE
—	PRIVACY FENCE
—	SOUND BARRIER
—	FOOTING TO BE EXTENDED TO 1.5' MIN. BELOW GRADE

[illegible]

I, NELSON CUNHA DECLARE THAT I HAVE REVIEWED AND TAKE DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LIMITED UNDER SUBSECTION 2.17.4 OF THE BUILDING CODE. I AM QUALIFIED, AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES/CATEGORIES

QUALIFIED DESIGNER BCIN	21032
FIRM BCIN	26995

DATE JUNE 19, 2012

SIGNATURE

DRAWN BY

5103

SCALE
1:250

PROJECT NO.

09011

LOT NUMBER 78



PN design
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