



Lot Grading Requirements

At a minimum lot grading plan submissions need to include the following:

Initial Submission

1. Elevations in metric geodetic datum;
2. Street Name and Address;
3. North arrow;
4. Lot dimensions;
5. Tree locations (if applicable);
6. Proposed building location with finished floor elevation and footing elevation;
7. Proposed elevations at building corners and adjacent property lines;
8. Elevations at sidewalk (if applicable), curb and centerline of road at lot line extension;
9. Elevations for driveway at house, sidewalk (if applicable) and curb line. Include grade presented in percentage form and driveway width with note on plan that driveway meets applicable Zoning By-law with respect to width;
10. Arrows on plan indicating direction of surface water flow;
11. Grades on swales represented in percentage form, especially rear and side yard;
12. Offset dimensions from proposed building location to lot lines
13. Location of neighboring houses (if applicable) and elevations on adjacent building corners;
14. Location of water box and sewer cleanout;
15. Additional elevations where required to properly assess drainage on lot (if applicable);
16. Signing area for town staff that includes the following language:
 - Municipal Staff have reviewed and received the attached grading plan; and
17. Any other pertinent information.

As Constructed Submissions

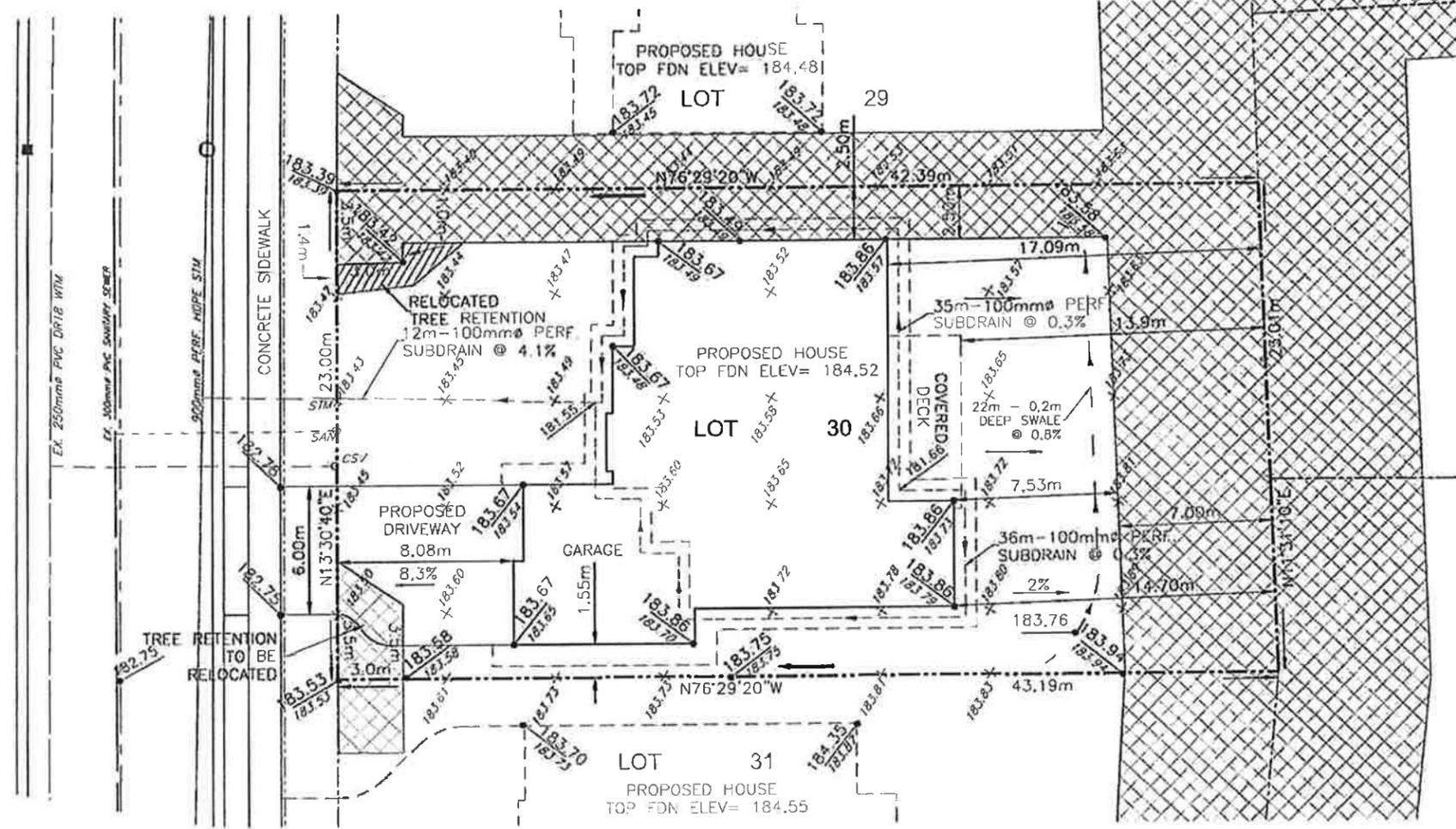
1. All the above details
2. Separate style indicating all as-constructed elevations and details.
3. As constructed location of water box and sewer cleanout
4. Typical required locations of As-Recorded elevations shown in attached Final Lot Grading Examples

Please see attached plans as guides for submissions.

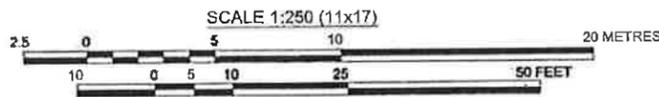
Further information or policy will be provided when required. Please feel free to contact Adam Stanley, Manager of Engineering Services at adam.stanley@saugeenshores.ca if you have any questions.



SMITH STREET



- NOTE:
1. REFER TO LOT GRADING AND TREE RETENTION PLAN 1 DATED AUGUST 30, 2011 REV. 6, SHEET C12 PROJECT 30597 FOR ADDITIONAL INFORMATION RE. TREE RETENTION.
 2. ASSUMES NO RESPONSIBILITY FOR BASEMENT CONDITIONS DUE TO GROUNDWATER
 3. ALL FOOTINGS ARE TO BE CONSTRUCTED TO NATIVE SOIL OR PLACED ON STRUCTURAL FILL



No.	DATE	DESCRIPTION	BY	APPD
1	NOV 28/13	SECOND SUBMISSION - ADDED COVERED DECK	SJC	SJC
0	OCT 29/13	FIRST SUBMISSION	SJC	SJC
REVISION / ISSUE				

THE ELEVATIONS, LOCATION OF BUILDING TO BE ERCTED AND PROPOSED GRADING ELEVATIONS ARE IN CONFORMITY WITH THE OVERALL GRADING PLAN AS

PLAN IS NOT TO BE USED FOR CONSTRUCTION UNLESS A SIGNED ENGINEER'S STAMP APPEARS HEREON.



- FOUNDATION SUBDRAIN
- 1.0m BUILDING APRON
- DIRECTION OF SURFACE WATER FLOW
- PROPOSED FINISHED GROUND ELEVATION
- EXISTING GROUND ELEVATION
- FINISHED GROUND ELEVATION AT HOUSE
- EXISTING CONTOUR LINE
- PROPOSED SUBDRAIN ELEVATION
- WATER SERVICE
- SANITARY SERVICE
- STORM SERVICE
- CATEGORY 1 TREE RETENTION

SMITH SUBDIVISION
REGISTERED PLAN No.: 3M-2000
LOT No.: 335
BUILDER: SMITH BROTHERS
OWNER: E. SMITH

BM2 TOP NUT OF FIRE HYDRANT LOCATED ON WEST SIDE OF FENTON DRIVE 11m LEFT OF STA. 1+355.

ELEVATION 184.37m

SANITARY SERVICE INVERT @ PROPERTY LINE 180.01
 WATER SERVICE INVERT @ PROPERTY LINE 181.90
 STORM SERVICE INVERT @ PROPERTY LINE 181.06
 PROPOSED UNDERSIDE OF FOOTING 181.96

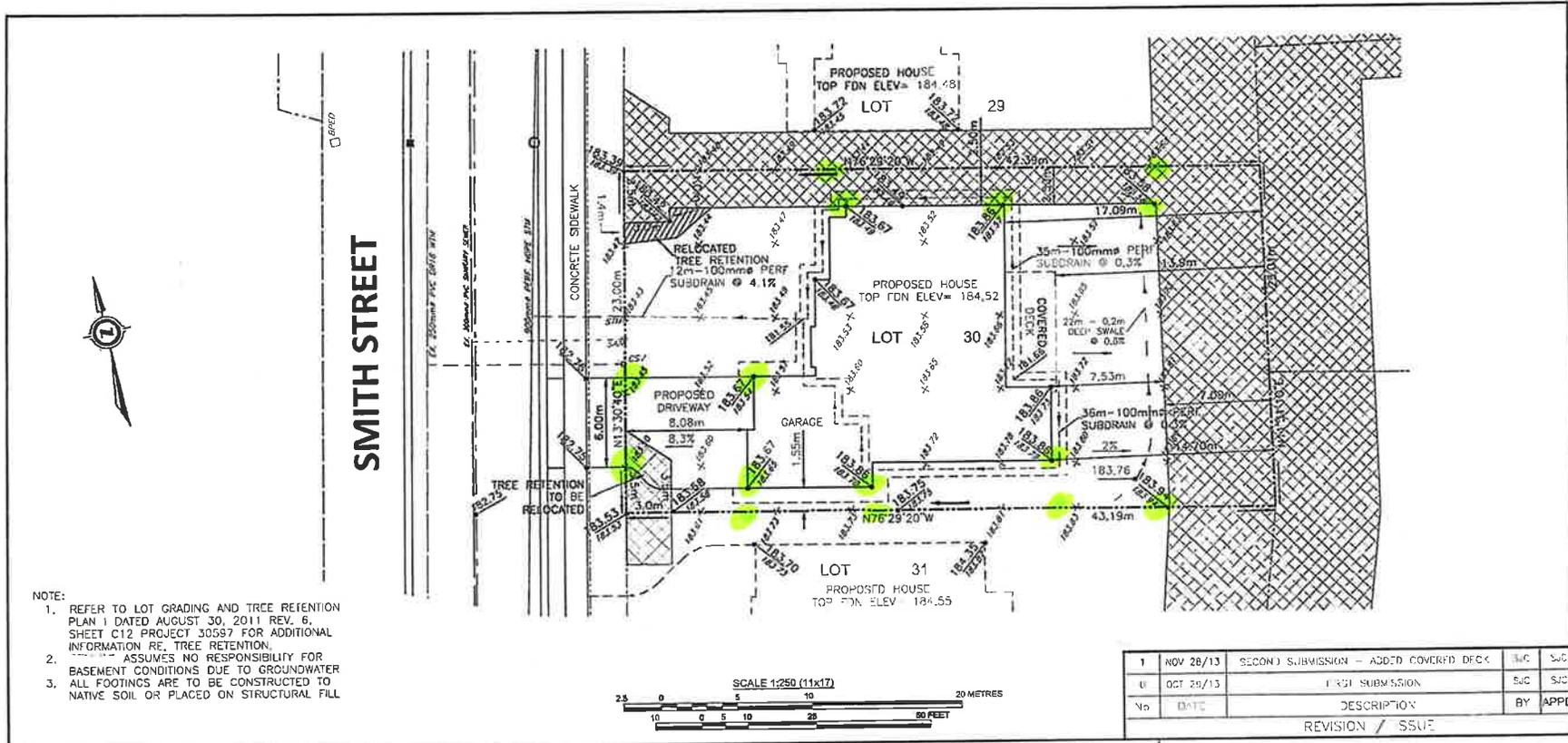
SMITH AND SMITH LIMITED

THIS IS NOT A PLAN OF SURVEY

TOWN OF SAUGEEN SHORES

131-23729

Final Lot Grading Example



THE ELEVATIONS, LOCATION OF BUILDING TO BE ERRECTED AND PROPOSED GRADING ELEVATIONS ARE IN CONFORMITY WITH THE OVERALL GRADING PLAN AS

PLAN IS NOT TO BE USED FOR CONSTRUCTION UNLESS A SIGNED ENGINEER'S STAMP APPEARS HEREON.



FOUNDATION SUBDRAIN
 1.0m BUILDING APRON
 DIRECTION OF SURFACE WATER FLOW
 PROPOSED FINISHED GROUND ELEVATION
 EXISTING GROUND ELEVATION
 FINISHED GROUND ELEVATION AT HOUSE
 EXISTING CONTOUR LINE
 PROPOSED SUBDRAIN ELEVATION

WATER SERVICE
 SANITARY SERVICE
 STORM SERVICE
 CATEGORY 1 TREE RETENTION

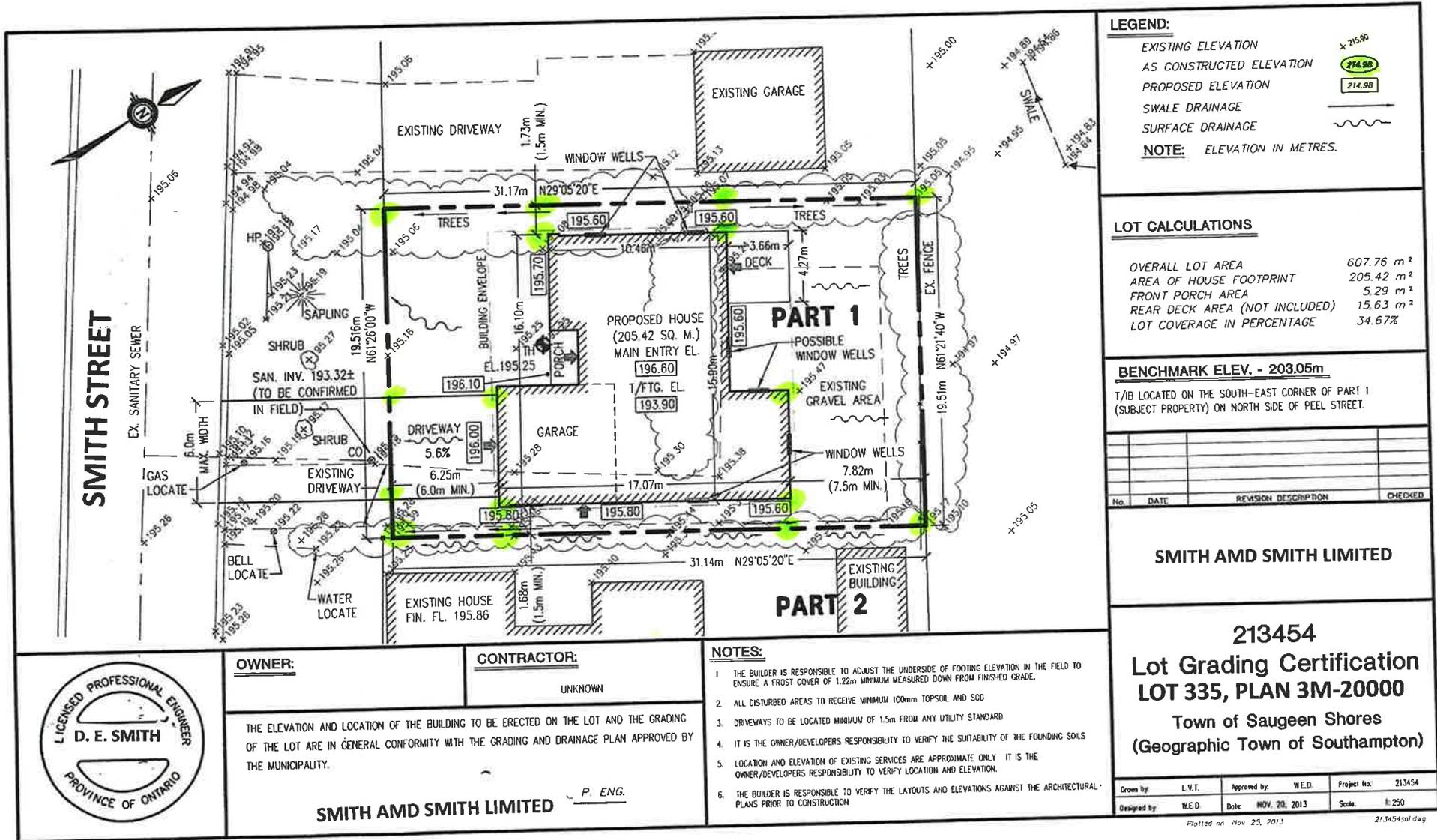
SMITH SUBDIVISION
 REGISTERED PLAN No.: 3M-2000
 LOT No.: 335
 BUILDER: SMITH BROTHERS
 OWNER: E. SMITH

BM2 FOR NUI OF FIRE HYDRANT LOCATED ON WEST SIDE OF FENTON DRIVE 11m LBL OF STA. 1+355
 ELEVATION 184.37m

SANITARY SERVICE INVERT @ PROPERTY LINE 180.01
 WATER SERVICE INVERT @ PROPERTY LINE 181.90
 STORM SERVICE INVERT @ PROPERTY LINE 181.06
 PROPOSED UNDERSIDE OF FOOTING 181.96

SMITH AND SMITH LIMITED

Final Lot Grading Example



LEGEND:

EXISTING ELEVATION + 215.90

AS CONSTRUCTED ELEVATION 214.98

PROPOSED ELEVATION 214.98

SWALE DRAINAGE

SURFACE DRAINAGE

NOTE: ELEVATION IN METRES.

LOT CALCULATIONS

OVERALL LOT AREA	607.76 m ²
AREA OF HOUSE FOOTPRINT	205.42 m ²
FRONT PORCH AREA	5.29 m ²
REAR DECK AREA (NOT INCLUDED)	15.63 m ²
LOT COVERAGE IN PERCENTAGE	34.67%

BENCHMARK ELEV. - 203.05m
 T/B LOCATED ON THE SOUTH-EAST CORNER OF PART 1
 (SUBJECT PROPERTY) ON NORTH SIDE OF PEEL STREET.

No.	DATE	REVISION DESCRIPTION	CHECKED

SMITH AMD SMITH LIMITED

213454
Lot Grading Certification
LOT 335, PLAN 3M-20000
 Town of Saugeen Shores
 (Geographic Town of Southampton)

Drawn by:	L.V.T.	Approved by:	W.E.D.	Project No.:	213454
Designed by:	W.E.D.	Date:	NOV. 20, 2013	Scale:	1:250



OWNER:

CONTRACTOR: UNKNOWN

THE ELEVATION AND LOCATION OF THE BUILDING TO BE ERRECTED ON THE LOT AND THE GRADING OF THE LOT ARE IN GENERAL CONFORMITY WITH THE GRADING AND DRAINAGE PLAN APPROVED BY THE MUNICIPALITY.

SMITH AMD SMITH LIMITED P. ENG.

- NOTES:**
1. THE BUILDER IS RESPONSIBLE TO ADJUST THE UNDERSIDE OF FOOTING ELEVATION IN THE FIELD TO ENSURE A FROST COVER OF 1.22m MINIMUM MEASURED DOWN FROM FINISHED GRADE.
 2. ALL DISTURBED AREAS TO RECEIVE MINIMUM 100mm TOPSOIL AND SOD
 3. DRIVEWAYS TO BE LOCATED MINIMUM OF 1.5m FROM ANY UTILITY STANDARD
 4. IT IS THE OWNER/DEVELOPERS RESPONSIBILITY TO VERIFY THE SUITABILITY OF THE FOUNDING SOILS
 5. LOCATION AND ELEVATION OF EXISTING SERVICES ARE APPROXIMATE ONLY IT IS THE OWNER/DEVELOPERS RESPONSIBILITY TO VERIFY LOCATION AND ELEVATION.
 6. THE BUILDER IS RESPONSIBLE TO VERIFY THE LAYOUTS AND ELEVATIONS AGAINST THE ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION