

SINGLE-FAMILY DWELLING

GENERAL

- ## STRUCTURAL NOTES:
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1. DESIGN LOADS AS PER AISC 360, AISC 341, ACI 318, AND AS NOTED ON DRAWINGS.
 2. CONSTRUCTION SAFETY AND STRUCTURAL STABILITY DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR.
 3. WIND UPLIFT LOADS ON ROOF STRUCTURES SHALL BE 140 PSF NET FACTORED D.U.O.
 4. CONCRETE - CONFORM TO CAN/CSA A23.1 AND CAN A23.2.
 5. STRUCTURE STEEL - CONFORM TO CAN/CSA S16.
 6. ALLEYS ON AN S16 STRUCTURAL STEEL SHALL BE REINFORCED WITH 4# BARS.
 7. FIELD REVIEW AS REQUIRED BY **465-2014 AISC 341 EDITION BUILDING CODE** SHALL BE COMPLETED BY THE CONTRACTOR WITH STRUCTURAL ENGINEERING, FIELD REVIEW OF THE CONTRACTOR TO PREVENT THE WORK IN CONFORMANCE WITH THE CANADIAN CODEBOOK IS.
 8. DESIGN AND CONSTRUCTION OF THE BUILDING SHALL BE IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION OF THE BUILDING EDITION BUILDING CODE.
 9. MINIMUM CONCRETE COVER FOR REINFORCING BARS TO BE FOOTINGS - 3", FOUNDATION WALLS - 2".
 10. ALL REINFORCED CONCRETE WORK TO BE COMPLETED IN ACCORDANCE WITH THE LATEST EDITION OF THE CSA S16 CONCRETE AND A23.1. FOR 7.5% OVERLAP WITH MAXIMUM SLAB THICKNESS OF 12" USE CSA TYPE 100 NORMAL PORTLAND CEMENT. ALL EXTERIOR CONCRETE SHALL HAVE 4-#8 REINFORCED AREA PROTECT CONCRETE AGAINST FREEZING AND FROST ACTION AT ALL TIMES DURING CONSTRUCTION.
 11. ALL REINFORCING STEEL SHALL BE BILLET STEEL BARS CONFORMING TO CSA STANDARD G40.21, GRADE 50, PER 16M BARS AND GRADE 40 CONFORM TO CSA STANDARD G40.21, GRADE 40 WIRE REINFORCING SHALL CONFORM TO CSA STANDARD G40.21.
 12. ALL REINFORCING BARS USED ARE TO BE A MINIMUM OF A1038. ALL REINFORCING BARS USED OTHERWISE.
 13. REINFORCING BARS USED OTHERWISE.

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EXCAVATION / FOUNDATION CONCRETE

- 1 - NOT EXCAVATED FOUNDATION SHALL BE UNDISTURBED AND EXPOSED TO THE ELEMENTS. EXCAVATION TO BE REINFORCED AT AN ANGLE NO STEEPER THAN 10:1 VERT. IN 10 HOURS.
- 2 - CONTACTED BACKFILL MATERIALS SHALL BE WELL GRADED AND WELL DRAINED GRANULAR MATERIAL. FREE FROM ORGANICS, FROZEN MATERIAL OR CEMENTS. THE BACKFILL SHALL BE PLACED IN MAXIMUM 6 LIFTS AND COMPACTED TO 90% STANDARD PROCTOR MAXIMUM DRY DENSITY. BACKFILL SHALL BE 10' TO 12' AND BE DONE UNTIL THE CONCERTE HAS REACHED A COMPRESSIVE STRENGTH OF 15-18 P.
- 3 - FOOTINGS ARE TO BE DESIGNED FOR A MAX. ALLOWABLE BEARING CAPACITY OF 1400 P. (30000 PSI)

TITLE - SITE PLAN, AND SITE STATS

1:100

WINDOW & DOOR INFORMATION

11	8-5-X, 5-0-RO	TYPE: CASE
10	5-0-5-AER, 5-10-7Z	TYPE: CASE
9	3-10-X, 6-10-7Z	TYPE: ENTRY
8	4-11-X, 5-0-RO	TYPE: ENTRY
7	5-0-5-AER, 5-10-7Z	TYPE: FIXED
6	2-0-X, 5-0-RO	TYPE: CASE
5	4-11-X, 5-0-RO	TYPE: CASE
4	4-0-X, 1-1-7-RO	TYPE: SLIDER
3	5-0-5-AER, 5-10-7Z	TYPE: SLIDER
2	8-10-X, 6-10-7Z	TYPE: PLATO SLIDER
1	2-0-X, 2-0-RO	TYPE: CASE
0	3-2-X, 2-0-RO	TYPE: CASE
-1	2-0-X, 2-0-RO	TYPE: FIXED
-2	5-0-5-AER, 5-10-7Z	TYPE: CASE
-3	4-11-X, 5-0-RO	TYPE: CASE
-4	4-0-X, 1-1-7-RO	TYPE: CASE
-5	5-0-5-AER, 5-10-7Z	TYPE: CASE
-6	6-10-X, 7-1-RO	TYPE: GARAGE
-7	2-10-X, 6-10-7Z	TYPE: ENTRY
-8	4-5-X, 6-10-7Z	TYPE: CASE
-9	1-10-X, 3-0-RO	TYPE: CASE
-10	5-0-5-AER, 5-10-7Z	TYPE: CASE
-11	8-10-X, 6-10-7Z	TYPE: CASE
-12	4-11-X, 5-0-RO	TYPE: CASE
-13	4-0-X, 1-1-7-RO	TYPE: CASE
-14	5-0-5-AER, 5-10-7Z	TYPE: CASE
-15	9-0-X, 8-1-RO	TYPE: GARAGE
-16	6-10-X, 7-1-RO	TYPE: GARAGE
-17	5-0-5-AER, 5-10-7Z	TYPE: ENTRY
-18	2-10-X, 6-10-7Z	TYPE: ENTRY
-19	4-5-X, 6-10-7Z	TYPE: CASE
-20	2-1-X, 3-0-RO	TYPE: CASE
-21	5-0-5-AER, 5-10-7Z	TYPE: CASE
-22	1-8-X, 3-0-RO	TYPE: CASE
-23	5-0-5-AER, 5-10-7Z	TYPE: CASE
-24	4-11-X, 3-0-RO	TYPE: SLIDER
-25	4-0-X, 1-1-7-RO	TYPE: SLIDER
-26	5-0-5-AER, 5-10-7Z	TYPE: SLIDER
-27	4-11-X, 3-0-RO	TYPE: SLIDER
-28	4-0-X, 1-1-7-RO	TYPE: SLIDER
-29	5-0-5-AER, 5-10-7Z	TYPE: CASE
-30	5-11-X, 4-0-RO	TYPE: CASE
-31	5-0-5-AER, 7-5-4E	TYPE: CASE
-32	5-11-X, 4-0-RO	TYPE: CASE
-33	5-0-5-AER, 7-5-4E	TYPE: CASE
-34	5-11-X, 4-0-RO	TYPE: CASE
-35	5-0-5-AER, 7-5-4E	TYPE: CASE
-36	5-11-X, 4-0-RO	TYPE: CASE
-37	1-7-X, 3-0-RO	TYPE: CASE
-38	5-0-5-AER, 6-10-7Z	TYPE: CASE
-39	4-11-X, 3-0-RO	TYPE: CASE
-40	5-0-5-AER, 6-10-7Z	TYPE: CASE

NOTE: ALL DIMENSIONS NOTATED ARE TO R.O. SIZES OF WINDOWS.

VENTILING OPTIONS TO BE CONFIRMED BY SUPPLIER & CONTRACTOR.

EXTERIOR FINISH: WHITE ALUMINUM CLAD

INTERIOR FINISH: WHITE VINYL

WINDOW AND DOOR UNITS ARE FROM EXTERIOR VIEW.

