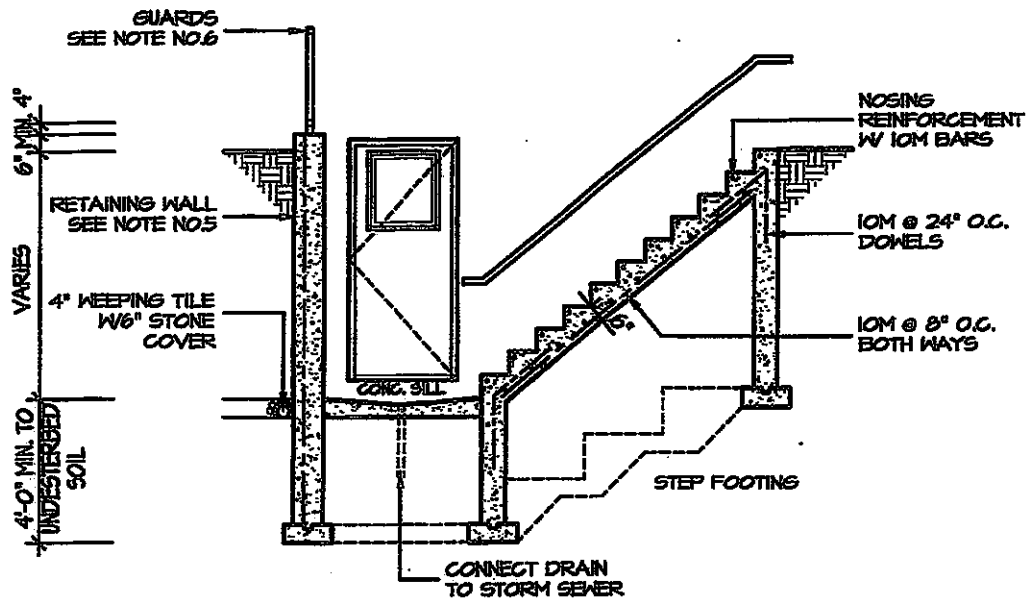




## SECTION

## EXTERIOR WALKUP STAIRS DETAILS

### GENERAL NOTES:

- FOOTING**  
24"x8" POURED CONC. FOOTING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OR COMPACTED GRANULAR FILL.
- CONCRETE**  
MINIMUM COMPRESSIVE STRENGTH OF 32 MPa (4650 psi) @ 28 DAYS W/ 5% TO 8% AIR ENTRAINMENT.
- EXTERIOR STAIRS**  
7 1/8" RISE MAXIMUM  
8 1/4" RUN MINIMUM  
9 1/4" TREAD MINIMUM
- INSULATION**  
FOR INSULATION VALUE & VAPOUR BARRIER LOCATION REFER TO NOTE 13 OF STANDARD NOTES.
- RETAINING WALL**  
10" POURED CONCRETE W/ NO REINFORCING REQUIRED FOR WALL HEIGHTS TO A MAX. OF 4'-1". PROVIDE 15M VERTICAL REINFORCEMENT @ 16" O.C. AND 15M HORIZONTAL REINFORCEMENT @ 24" O.C. FOR WALL HEIGHTS FROM 4'-8" TO 7'-0". 15M HORIZONTAL & VERTICAL REINFORCEMENT @ 12" O.C. EACH FACE FOR WALL HEIGHTS FROM 7'-0" TO 9'-0". RETAINING WALL TO RESIST LATERAL DESIGN LOADS AS PER OBC DIVISION B SECTION 4.15.16.
- GUARDS**  
3'-6" HIGH WHERE DISTANCE FROM GRADE TO BOTTOM OF WALKOUT EXCEEDS 5'-11". 2'-11" FOR LESSER HEIGHTS. MAXIMUM 4" BETWEEN VERTICAL PICKETS.

CITY OF HAMILTON  
Building Division

Permit No. **21-107140**

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH  
THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW

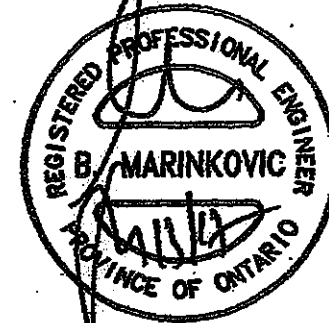
These drawings and/or specifications have been reviewed by

**APR 28 2021**

DATE

FOR CHIEF BUILDING OFFICIAL

STUDET INC.



FOR STRUCTURE ONLY

Region Design Inc.  
8700 Dufferin St.  
Concord, Ontario  
L4K 4S6  
(416) 736-4086  
fax (905) 860-0746

**REGION  
DESIGN  
INC.**

SHEET TITLE  
**WALK UP STAIR DETAIL**

MODEL LOT

DATE SCALE  
3/16"=1'

BY V.G. AREA

PROJECT NO.

Contractor shall check all dimensions and elevations before  
commencing with work and report any discrepancies to the  
designer. Prints are not to be scaled.

**Greenpark**

PROJECT: PAGE NO.

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