

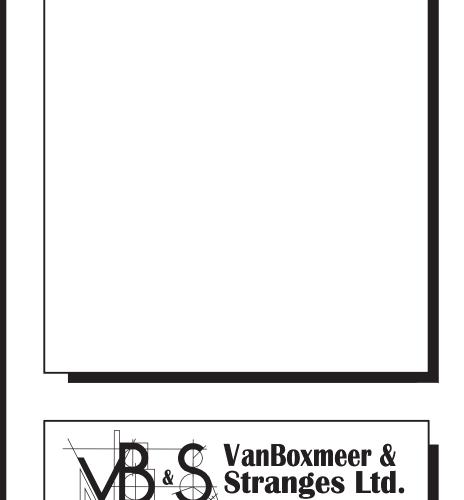
## FRAMING PLAN NOTES

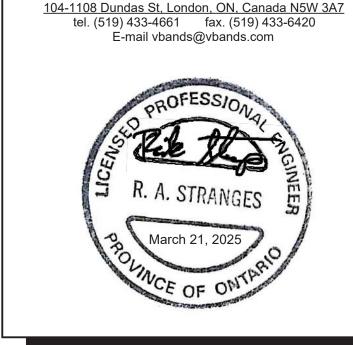


- 1. CONFIRM ALL ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
- TYPICAL NEW FLOOR CONSTRUCTION: 102mm COMPOSITE SLAB (64 CONCRETE ON 38 COMPOSITE DECK) REINFORCED WITH 150x150 MW18.7xMW18.7 WELDED WIRE FABRIC SUPPORTED ON NEW STEEL CHANNEL AND MASONRY WALLS. COMPOSITE DECK TO BE MINIMUM 22GA.
- 3. NEW COMPOSITE DECK FLOOR FRAMING DESIGNED WITH <u>UNFACTORED</u> LOADS AS FOLLOWS: 2.65 kPa DEAD LOAD/4.8 kPa LIVE LOAD
- ALL CURTAIN WALLS AND INTERIOR STUD WALLS TO BE DESIGNED FOR AN INTERNAL PRESSURE OF 0.5 kPa.
- COMPOSITE DECK SPAN DIRECTION IS INDICATED WITH ARROWS AS THUS ON PLAN.
- SEE ARCHITECTURAL DRAWINGS FOR COLUMN OFFSETS FROM GRID LINES.
- 7. NEW STRUCTURAL STEEL INCLUDING PLATES AND BARS TO BE G40.21 GRADE 300W.
- NEW STRUCTURAL STEEL INCLUDING CHANNELS AND ANGLES TO BE IN ACCORDANCE WITH C.S.A. Standard G.40.21M-350W
- ALL WELDING TO CONFORM TO:
- i) CSA STANDARD W59-03 "WELDED STEEL CONSTRUCTION" (METAL ARC WELDING)
  ii) CSA STANDARD W55.3-1965(R2008) "RESISTANCE WELDING QUALIFICATION CODE"
  iii) CSA STANDARD W47.1-03 "CERTIFICATION OF COMPANIES FOR FUSION WELDING OF STEEL"
- 10. TOUCH UP ALL WELDS WITH 2 COATS OF ZINC RICH PAINT.
- 11. AS PER CSA W47.1-03 THE STRUCTURAL STEEL FABRICATOR TO BE CERTIFIED BY THE CANADIAN WELDING BUREAU DIVISION 2.1 ALL STRUCTURAL FIELD WELDING TO BE PREFORMED BY A CANADIAN WELDING BUREAU WELDER.
- 12. REFER TO ELECTRICAL DRAWINGS FOR ALL SLAB ON GRADE DEMOLITION LOCATIONS. SEE TYPICAL DETAIL 3.37 FOR SLAB ON GRADE REPLACEMENT DETAIL.



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PLAN & ELEVATION

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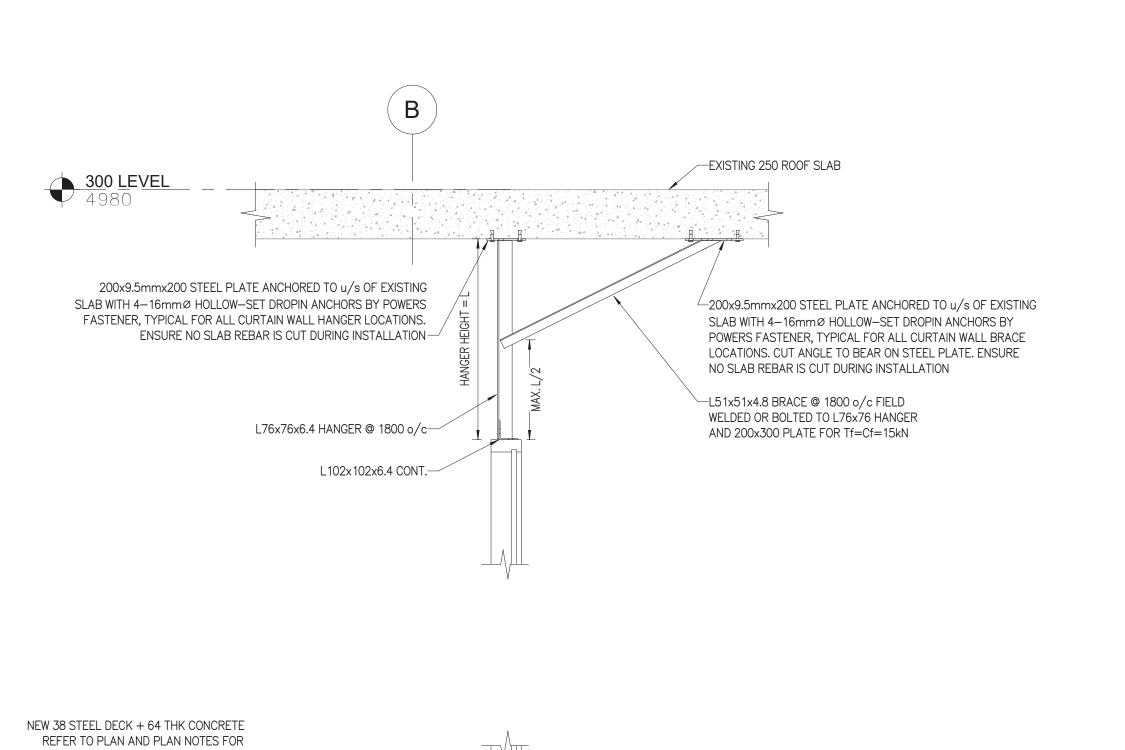
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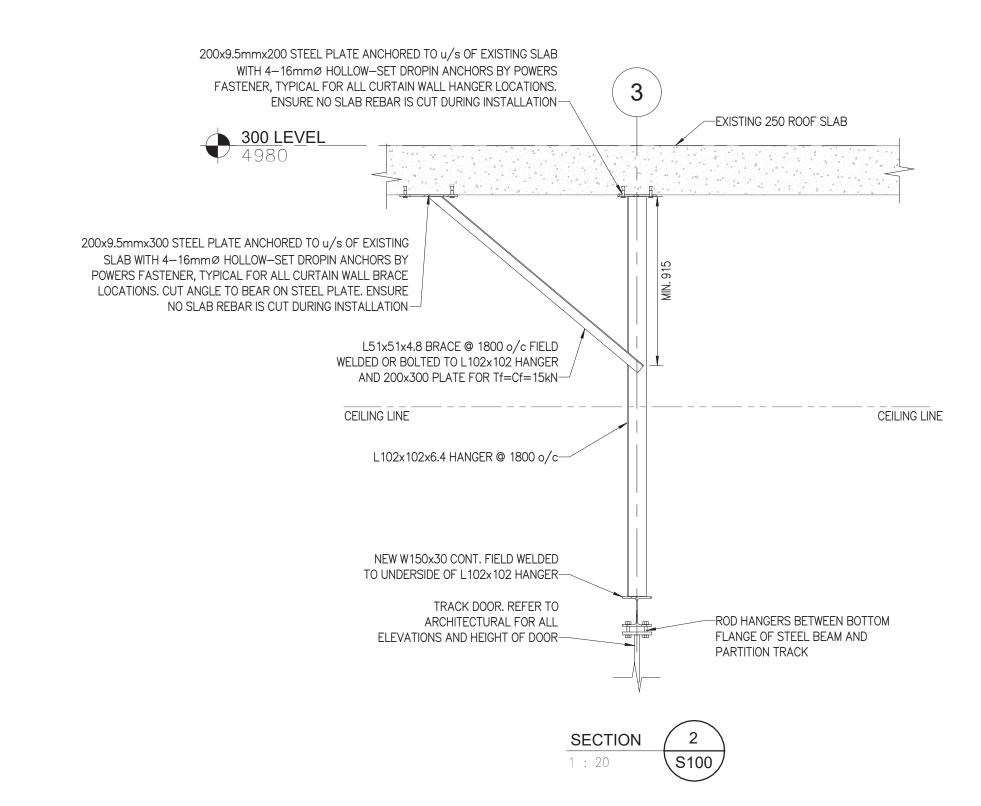
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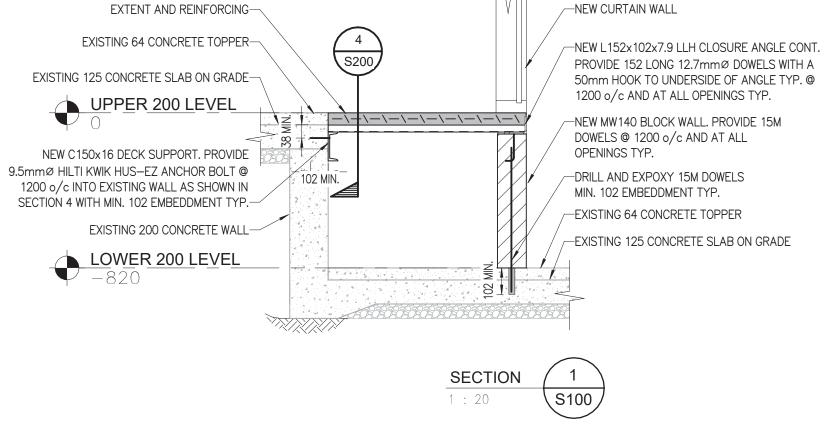
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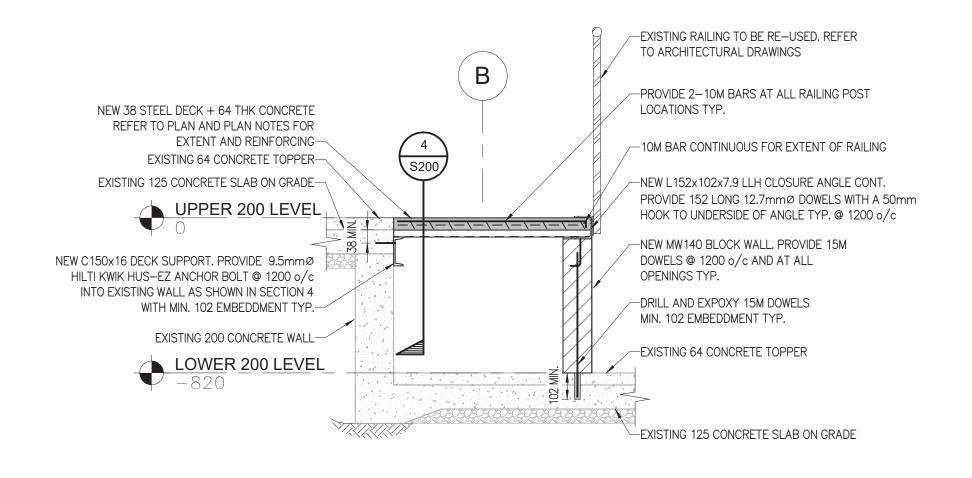
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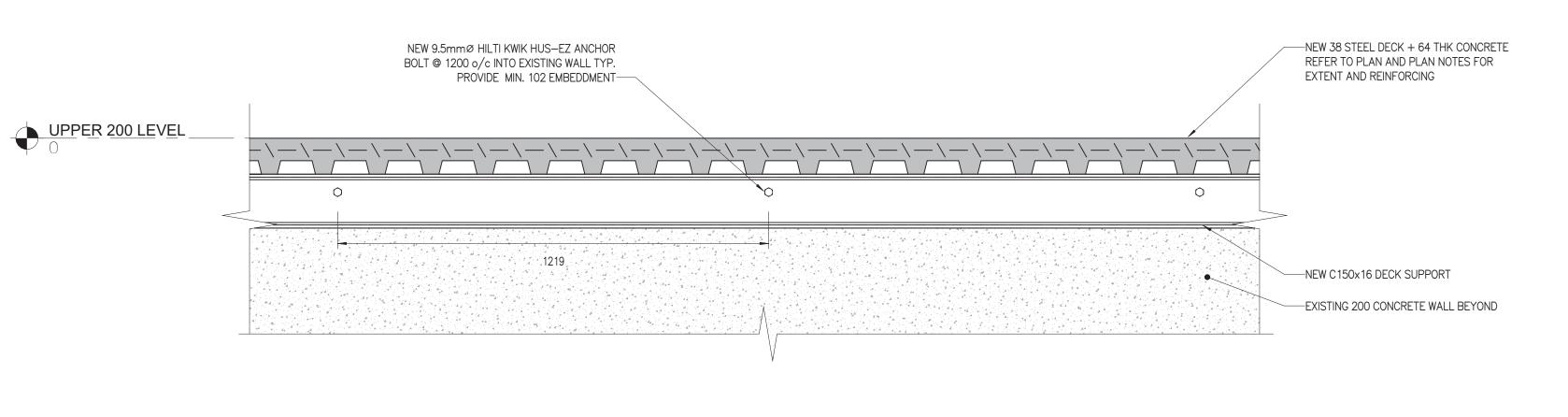
**S100** 

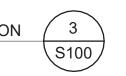
















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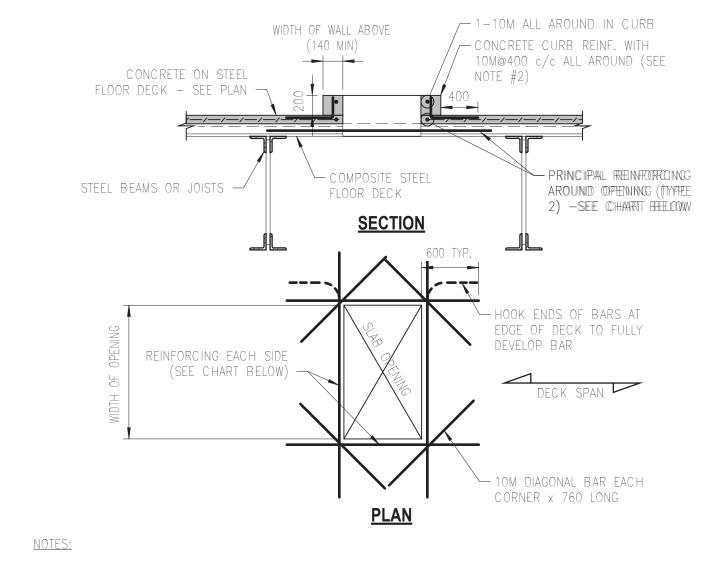
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**S200** 



1. REINFORCE AROUND OPENINGS AS INDICATED BELOW:

OPENINGS LESS THAN 150 WIDE MEASURED PERPENDICULAR TO THE STEEL DECK SPAN DO NOT REQUIRE REINFORCING AROUND OPENING.

TYPE 2 OPENINGS

OPENINGS FROM 150 TO 710 WIDE MEASURED PERPENDICULAR TO THE STEEL DECK SPAN ARE REINFORCED AS SHOWN BELOW:

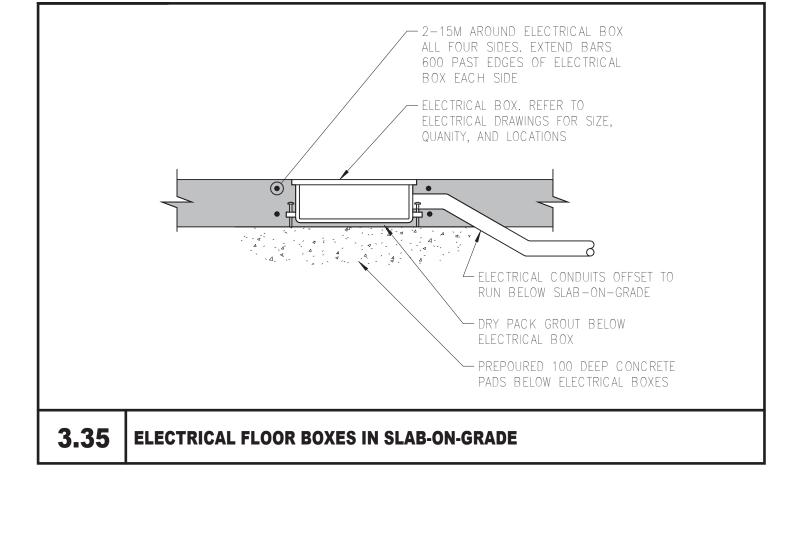
DECK DEPTH AND NOMINAL	WIDTH OF	REINFORCING
CORE THICKNESS	OPENING	PER SIDE
38mm COMPOSITE	150 to 299	15M
OR	300 to 399	20M
76mm COMPOSITE	400 to 599	2-15M
t=0.915mm	600 to 710	25M
76mm COMPOSITE t=0.1.22mm	150 to 249 250 to 379 380 to 509 510 to 660	15M 20M 2-15M 25M

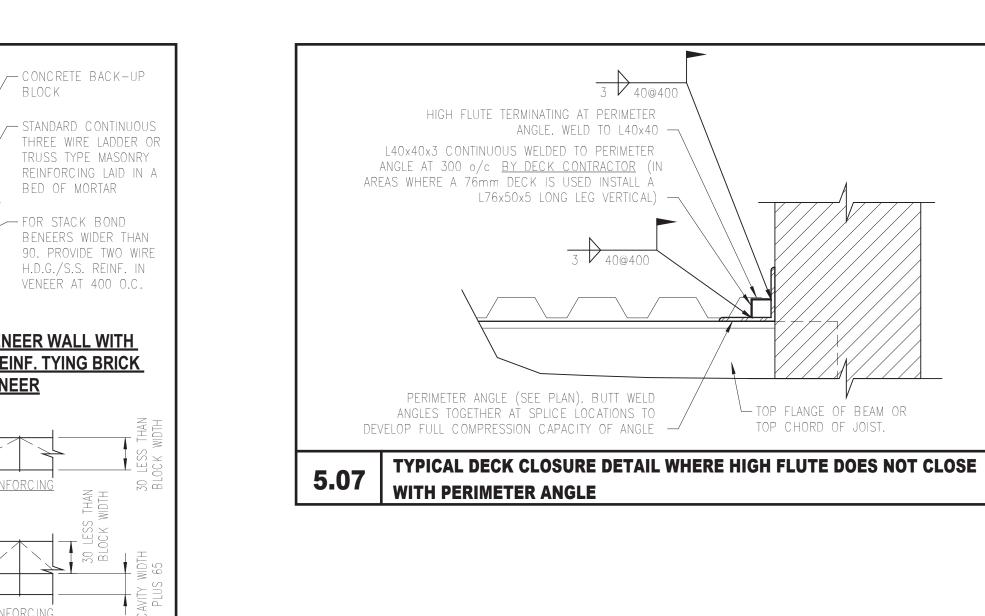
- CONCRETE BACK-UP BLOCK

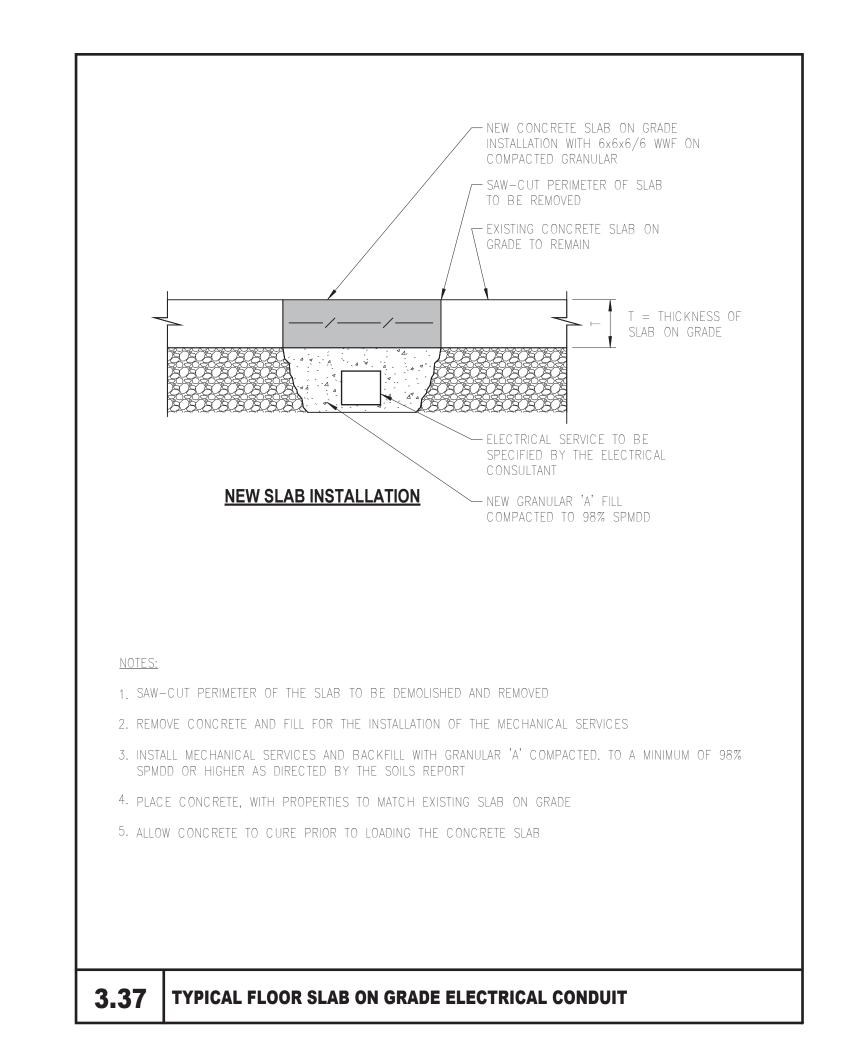
2. CONCRETE CURB NOT REQUIRED FOR OPENINGS LESS THAN 300 IN WIDTH.

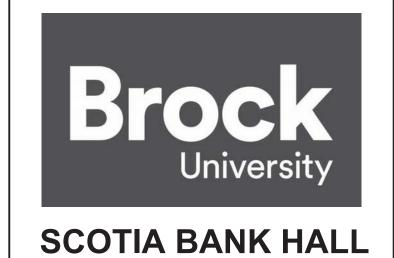
3. SECONDARY STRUCTURAL STEEL FRAMING IS REQUIRED TO SUPPORT EDGES OF OPENINGS LARGER THAN SPECIFIED IN THIS DETAIL. SEE FRAMING FOR SECONDARY STEEL FRAMING AT OPENINGS IN COMPOSITE SLABS.

3.30 OPENINGS IN COMPOSITE DECK

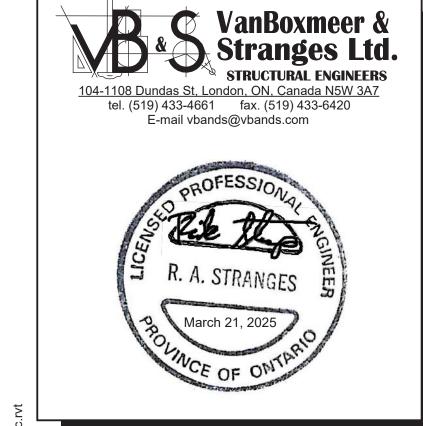








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## TYPICAL DETAILS

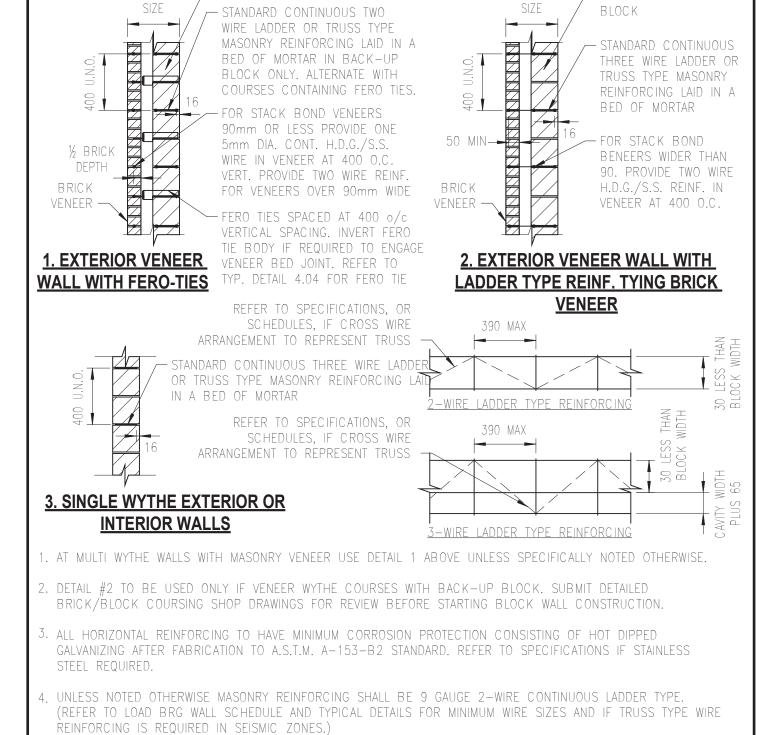
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**S300** 



. THE OVERALL WIDTH OF THE MASONRY REINFORCING SHALL BE APPROX. 65 LESS THAN THE THICKNESS OF THE

4.02 TYPICAL CONTINUOUS HORIZONTAL REINFORCING IN ALL MASONRY WALLS

USE PREFABRICATED CORNERS AND TEES IN ALL MASONRY WALL CORNERS AND INTERSECTIONS.

B. PROVIDE EXTRA LAYERS OF MASONRY REINF. IN FIRST COURSE ABOVE AND BELOW ALL BLOCK OPENINGS.

WALL. THE CROSS WIRES SHOULD NOT HAVE A DIP.

6. LAP THE REINFORCING 200 AT SPLICES (300 FOR PLAIN WIRE).