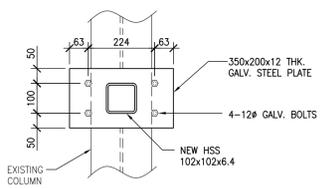


**GENERAL NOTES**

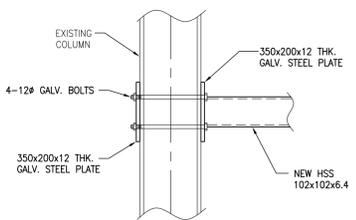
- ALL WORK AND MATERIALS SHALL CONFORM TO THE 2010 EDITION OF THE NATIONAL BUILDING CODE.
- DO NOT SCALE THE DRAWINGS.
- CHECK DIMENSIONS ON THESE DRAWINGS AGAINST DIMENSIONS ON ARCHITECTURAL DRAWINGS BEFORE USING. REPORT ANY DISCREPANCIES.
- THE CONTRACTOR SHALL EXAMINE ALL DRAWINGS AND CHECK ALL DIMENSIONS AGAINST SITE CONDITIONS AND REPORT ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.

**STRUCTURAL STEEL NOTES**

- ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH CSA S16.
- ALL STRUCTURAL STEEL SHALL BE NEW STOCK AND CONFORM TO THE FOLLOWING GRADES AND STANDARDS:
  - CSA-G40.21 TYPE 350W UNLESS NOTED.
  - HOLLOW STRUCTURAL SECTIONS: ASTM A500 GRADE C.
  - CHANNELS, ANGLES, PLATE MATERIAL & RODS TYPE 300W.
- ALL BOLTS, NUTS AND WASHERS FOR STRUCTURAL STEEL CONNECTIONS SHALL CONFORM TO ASTM A325.
- INSPECTION AND TESTING OF STRUCTURAL STEEL FRAME WORK (SUCH AS BOLT TORQUE, SHEAR STUDS, ALIGNMENT, ETC.) SHALL BE IN ACCORDANCE WITH CSA S16 BY A QUALIFIED INSPECTION COMPANY ENGAGED BY THE OWNER. COST OF RETESTING DEFECTIVE WELDS SHALL BE BORNE BY THE STRUCTURAL STEEL FABRICATOR.
- SPICES IN STEEL MEMBERS, OTHER THAN THOSE SHOWN ON THE DRAWINGS, SHALL NOT BE PERMITTED WITHOUT THE PERMISSION OF THE ENGINEER.
- ALL FABRICATORS SHALL SUBMIT SHOP DRAWINGS STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF CONSTRUCTION PRIOR TO COMMENCEMENT OF FABRICATION.
- DESIGN ALL BEAM TO BEAM AND BEAM TO COLUMN CONNECTIONS FOR SHEAR CALCULATED FROM BEAM LOADED TO FLEXURAL CAPACITY WITH UDL LOAD BASED ON SPAN OF BEAM U/NOTED. BEAMS WITH SIGNIFICANT CONCENTRATED LOADS SHALL BE DESIGNED FOR ADDITIONAL SHEAR CONNECTIONS AS REQUIRED.
- ALL NEW STEEL TO BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123/A123M STANDARD SPECIFICATION FOR ZINC (HOT-DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS.



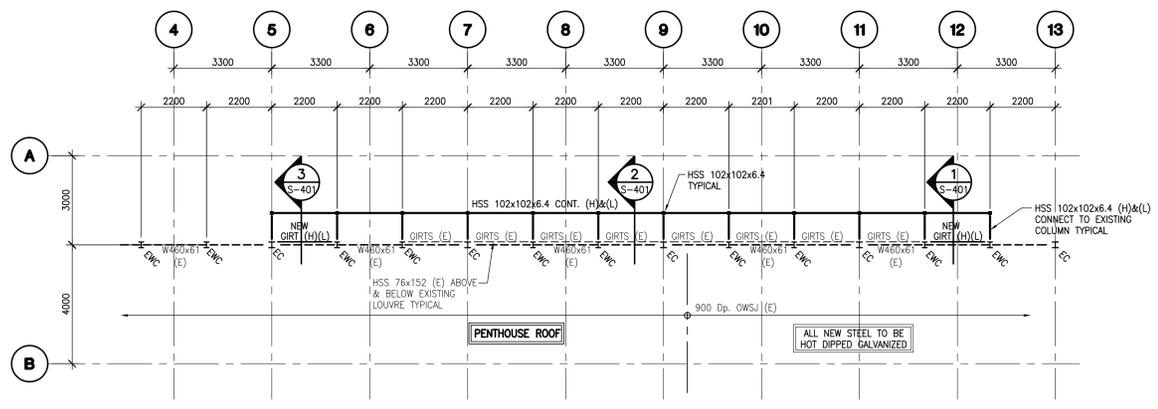
**ELEVATION**



**SECTION**

**CONNECTION DETAIL**

SCALE = 1:10

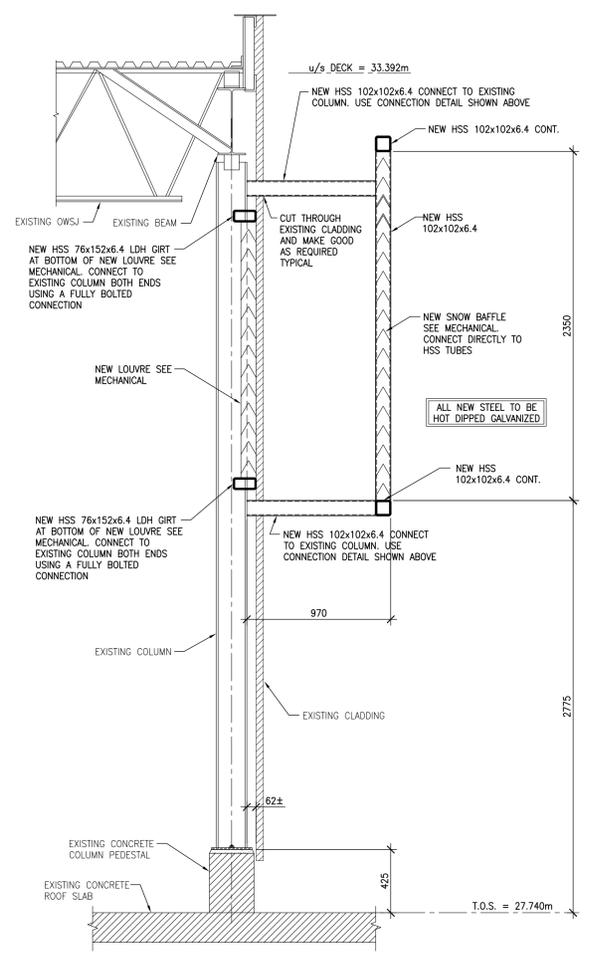


**PARTIAL PENTHOUSE ROOF FRAMING PLAN**

SCALE = 1:100

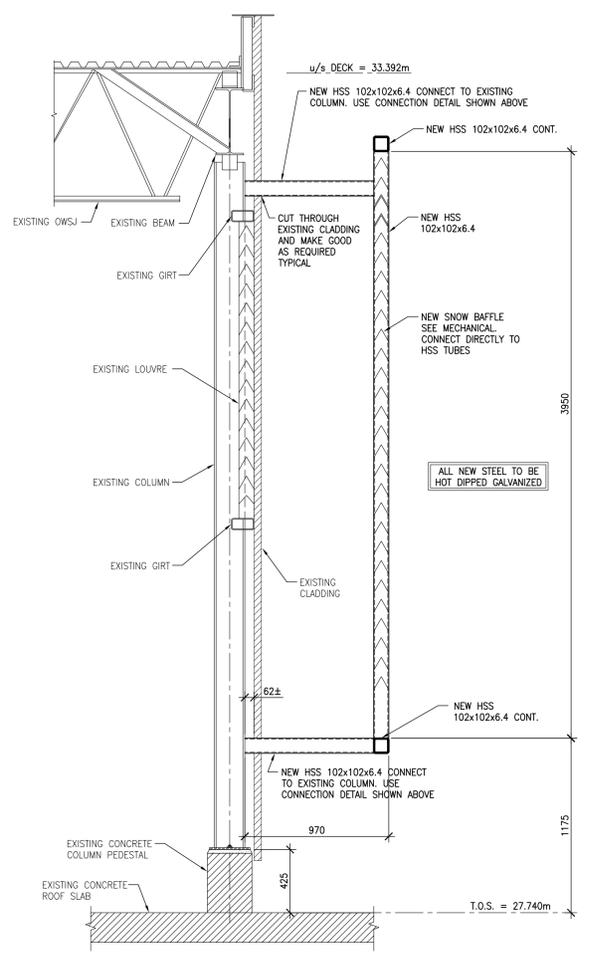
**EXISTING COLUMNS:**

- EC = EXISTING COLUMN (W200)
- EW = EXISTING WIND COLUMN (W200)



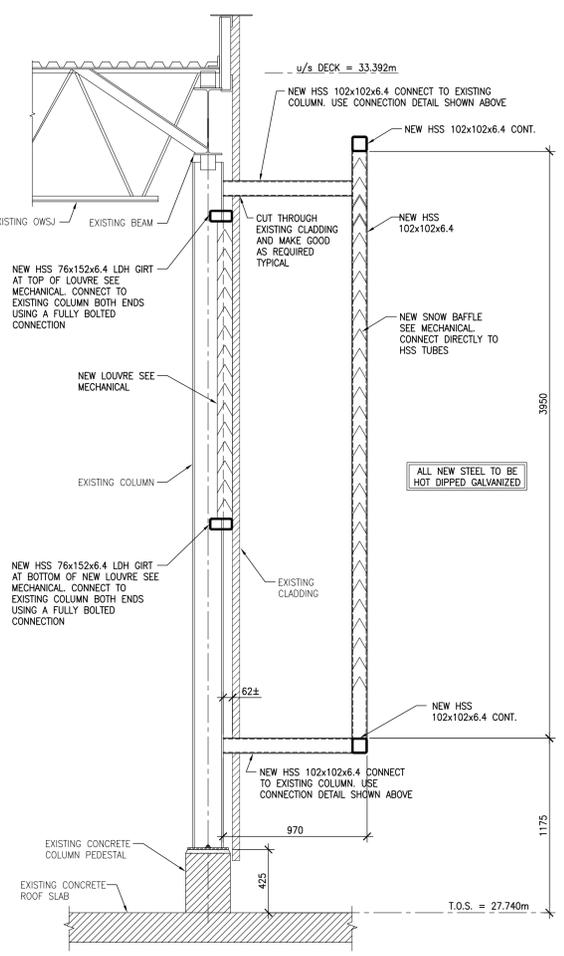
**SECTION 1**

SCALE = 1:20



**SECTION 2**

SCALE = 1:20



**SECTION 3**

SCALE = 1:20

DUMAC# 15-025

|                      |   |            |
|----------------------|---|------------|
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| designed             | J. Richardson   | consp      |
| date                 | October 28, 2015  |            |
| drawn                | J. Davis  | dessin     |
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| date                 | October 28, 2015  |            |
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