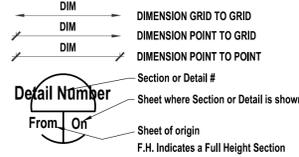


GENERAL NOTES

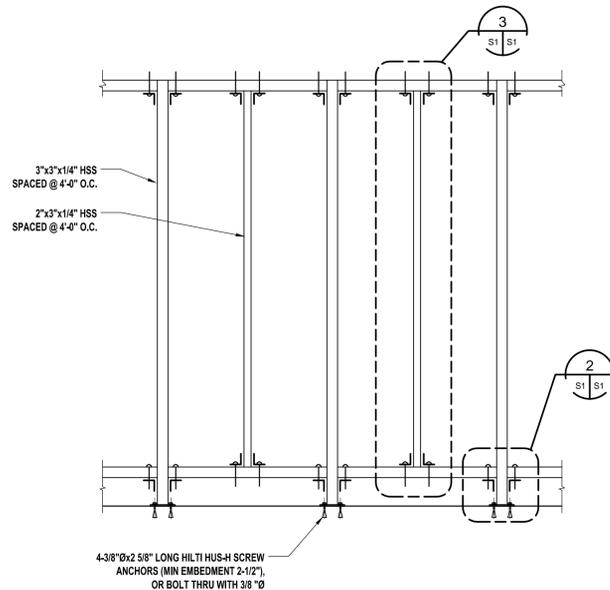
- DO NOT SCALE DRAWINGS.
- Design live loads shall not be exceeded at any time during construction. For concrete structures, design live loads may only be applied after concrete reaches its design strength.
- Construction loads must not be imposed on structure in excess of specified design live load. Design live loads may only be applied after concrete reached its design strength.
- The Contractor is to verify dimensions, elevations, slopes, details, conditions and other data noted on the structural drawings with conditions on the Site, co-ordinate all dimensions with the architectural drawings prior to construction or fabrication of any building component, and is held responsible for reporting any discrepancies that effect structural framing to the Contract Administrator before proceeding with the work. Variations and modifications to work shown on the structural drawings shall not be carried out without written permission from the engineer.
- Modifications, alterations or substitutions must be authorized in writing by the Contract Administrator.
- The Contractor shall locate all existing Site services prior to construction.
- For openings in slabs, floor, walls, roof, etc. refer to architectural, mechanical, structural and or other pertinent drawings.
- Location of construction joints not indicated on plans is the responsibility of the Contractor but approval must be obtained from the Contract Administrator before proceeding.
- The Contractor shall be responsible for the design and installation of all necessary shoring, bracing and form work. Form work for new construction shall be bridged over existing services.
- The structure and grade beams shall be braced in all directions to safely withstand all lateral forces which may be encountered during erection. The bracing shall remain in place until all permanent bracing, framing, cladding and backfill are in place.
- All codes referenced in these notes shall be of the latest applicable revision.
- All beams, angles and miscellaneous metals indicated on architectural drawings but not shown on structural drawings, shall be included in the tender price. The Contractor is responsible for confirming sizes and locations of these members with the Contract Administrator prior to Bid closing.
- Do not cut or drill any openings into structural members without obtaining written permission from the structural Contract Administrator.
- The Contractor shall retain a manufacturer's representative to provide onsite anchor installation training for all of their products specified. The structural Contract Administrator of record must receive documented confirmation that the Contractors personnel are trained prior to the commencement of installing anchors.

DIMENSIONS & SYMBOLS



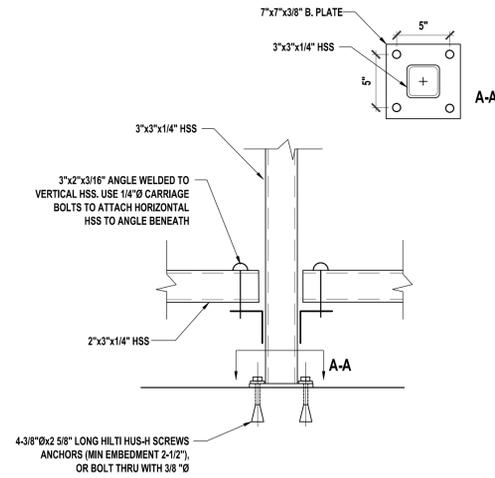
STRUCTURAL STEEL

- Fabricate & erect structural steel to CSA Standard CAN/CSA-S16-09
- Structural steel shapes and plates shall conform to CSA Standard CAN/CSA-G40.21, Grade 350W and CAN/CSA-G40.21, Grade 350W for H.S.S., Class C.
- All welding shall be performed by qualified welders fully approved for structural welding by the Canadian Welding Bureau in accordance with CSA Specifications W47 and W59.
- Design and fabricate all connections for full strength of the member.
- Splicing of members not permitted unless otherwise noted.
- Where beams are continuous over supports, no holes permitted in top flange. Provide 2-3/8" (10mm) welded web stiffener plates each side of beam, aligned with column walls.
- Column base and cap plates shall be welded to columns. Provide 3/4" (20mm) thick cap plate c/w 4-3/4"Ø (20mm) bolts for all columns supporting cantilevered beams.
- Use 90x90x10mm (3 1/2"x3 1/2"x3/8") loose lintel angle in masonry wall spans up to 1200mm (4'-0"). Exterior lintel angle steel shall be hot dipped galvanized.
- Structural steel erector shall supply and install all temporary guying and bracing necessary to provide stability for the structure as a whole. These shall remain in place until floor slabs are well cured, steel roof deck is fully welded and/or permanent bracing is installed.
- Steel stairs, handrails, guardrails shall be designed by others. Fabricator shall submit shop drawings under the seal of a Professional Engineer registered in the project Province, to the Contract Administrator for approval prior to fabrication.

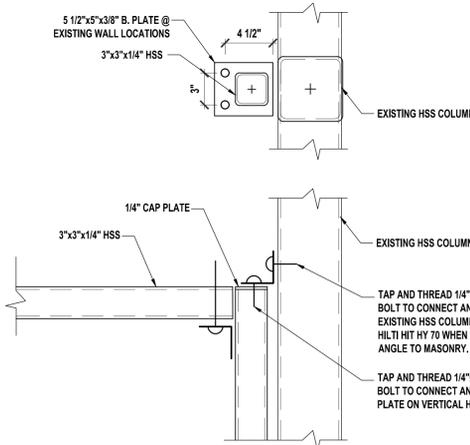


1 TYPICAL WALL ELEVATION
1/2" = 1'-0"

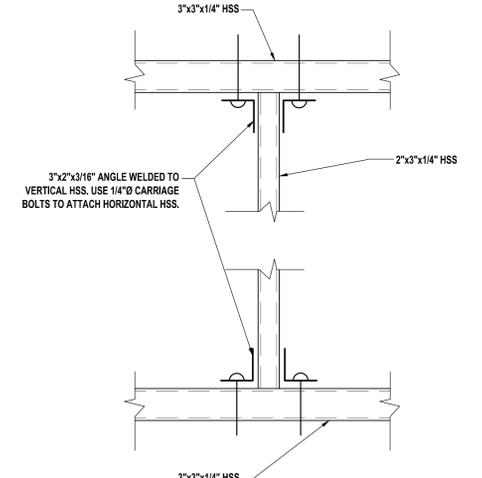
NOTES:
-REFER TO ARCHITECTURAL DRAWINGS FOR RELOCATED LOCATIONS
-ANY DAMAGED WALLS BEYOND REPAIR TO BE REPLACED TO MATCH EXISTING WALL ASSEMBLY



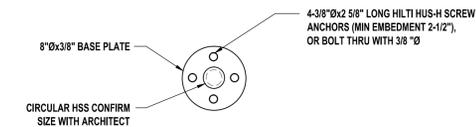
2 3'x3' HSS TO FLOOR CONNECTION (TYP)
1 1/2" = 1'-0"



4 EXISTING WALL CONNECTION (TYP)
1 1/2" = 1'-0"



3 2'x3' HSS TO 3'x3' HSS CONNECTION (TYP)
1 1/2" = 1'-0"



5 BASE PLATE FOR INTERIOR RAIL CONNECTION (TYP)
1 1/2" = 1'-0"

THE CONTRACTOR IS TO VERIFY DIMENSIONS AND DATA NOTED ON THE STRUCTURAL DRAWINGS WITH CONDITIONS ON THE SITE, CO-ORDINATE ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS, AND IS HELD RESPONSIBLE FOR REPORTING ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THE STRUCTURAL DRAWINGS SHALL NOT BE CARRIED OUT WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
THIS DRAWING IS NOT TO BE SCALED. ALL BEAMS, ANGLES AND MISCELLANEOUS METALS INDICATED ON ARCHITECTURAL, MECHANICAL AND/OR ELECTRICAL DRAWINGS BUT NOT SHOWN OR NOTED ON STRUCTURAL DRAWINGS, SHALL BE INCLUDED IN THE TENDER PRICE. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING SIZES AND LOCATIONS OF THESE MEMBERS WITH BOTH THE ARCHITECT AND THE ENGINEER PRIOR TO TENDER CLOSING.

1 MAR. 4, 2016 ISSUED FOR CONSTRUCTION
No. DATE REVISION / ISSUANCE



Architect



Engineer

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Project: BID OPPORTUNITY 1034 - 2015

**PAN AM POOL
INTERIOR RENOVATIONS
25 POSEIDON BAY**

Sheet Title: **ZONE 5:
GENERAL NOTES, ELEVATION,
SECTION & DETAILS**

Project No. 15504
Date: MARCH 4, 2016
Sheet: **S1-R1**