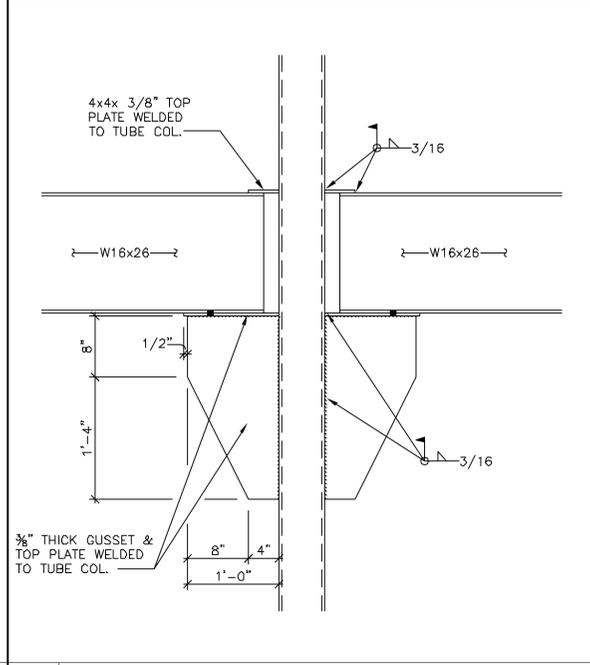


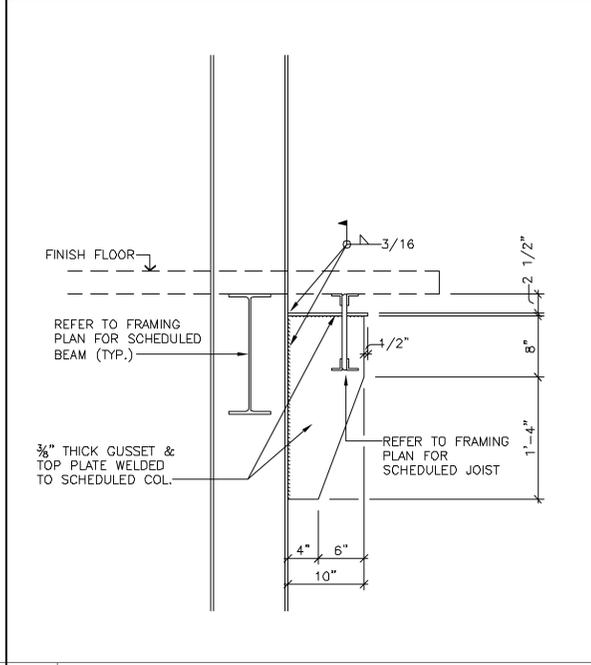
1 2nd LEVEL - FLOOR FRAMING PLAN SCALE: 3/16" = 1'-0"

- ALL STRUCTURAL STEEL DETAILS AND CONNECTIONS SHALL CONFORM TO THE STANDARDS OF A.I.S.C.
- ALL STRUCTURAL STEEL ROLLED SHAPES AND PLATES SHALL CONFORM TO A.S.T.M. A36 FOR PIPES A.S.T.M. A53 AND FOR TUBES A.S.T.M. A501.
- ALL SHOP CONNECTIONS ARE TO BE WELDED AND ALL FIELD CONNECTIONS ARE TO BE FIELD WELDED, EXCEPT WHERE OTHERWISE NOTED.
- ALL CONNECTION BOLTS FOR STRUCTURAL STEEL MEMBERS SHALL CONFORM TO ASTM A325, EXCEPT ANCHOR BOLTS TO BE ASTM A307.
- SPLICING OF STRUCTURAL STEEL MEMBERS, WHERE NOT DETAILED, IS PROHIBITED WITHOUT WRITTEN APPROVAL BY THE ARCHITECT OR ENGINEER.
- ALL WELDING SHALL CONFORM TO THE STANDARDS OF THE AMERICAN WELDING SOCIETY (E-70 ELECTRODES).
- ALL STRUCTURAL STEEL AND MISCELLANEOUS METAL SHALL BE CLEANED OF OIL, GREASE AND LOOSE MILL SCALE AND SHALL BE GIVEN ONE COAT OF RUST INHIBITOR.
- STEEL ERECTORS SHALL PROVIDE TEMPORARY BRACING FOR ACCURATE ALIGNMENT AND TO RESIST ALL WIND AND TEMPORARY LOADS DURING CONSTRUCTION.
- STEEL ERECTOR SHALL VERIFY ALL STEEL LENGTHS AND DETAILS PRIOR TO STEEL FABRICATION, AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY INCONSISTENCIES FOR VERIFICATION.
- PRINCIPAL OPENINGS IN THE STRUCTURAL FRAME ARE SHOWN ON THE DRAWINGS. THE MECHANICAL CONTRACTOR SHALL SLEEVE FOR OPENINGS SUCH AS PIPE RISERS, ETC.. ANY OPENING NOT SHOWN ON THE DRAWINGS THAT REQUIRE SLEEVING OF BEAMS SHALL BE REFERRED TO THE STRUCTURAL ENGINEER FOR ANY REVISIONS THAT MAY BE REQUIRED.
- LOCATION AND SIZE OF OPENINGS, CURBS, PADS, ETC., SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE VERIFIED WITH THE MECHANICAL DRAWINGS AND THE MECHANICAL CONTRACTOR. SEE THE MANUFACTURER'S DRAWINGS FOR ALL EQUIPMENT ANCHORAGE AND DETAILS.
- REFER TO CIVIL AND ARCHITECTURAL DRAWINGS FOR FINISH ELEVATIONS, SLOPES DEPRESSED FLOOR AREA, FINISHES, EMBEDDED ITEMS, AND MISCELLANEOUS STEEL FRAMING.
- PROVIDE STEEL LINTELS ABOVE ALL WINDOWS. (SEE ARCHITECTURAL DRAWINGS)
- RIGID FRAMES SHALL HAVE A YIELD STRENGTH OF $F_y = 50$ KSI

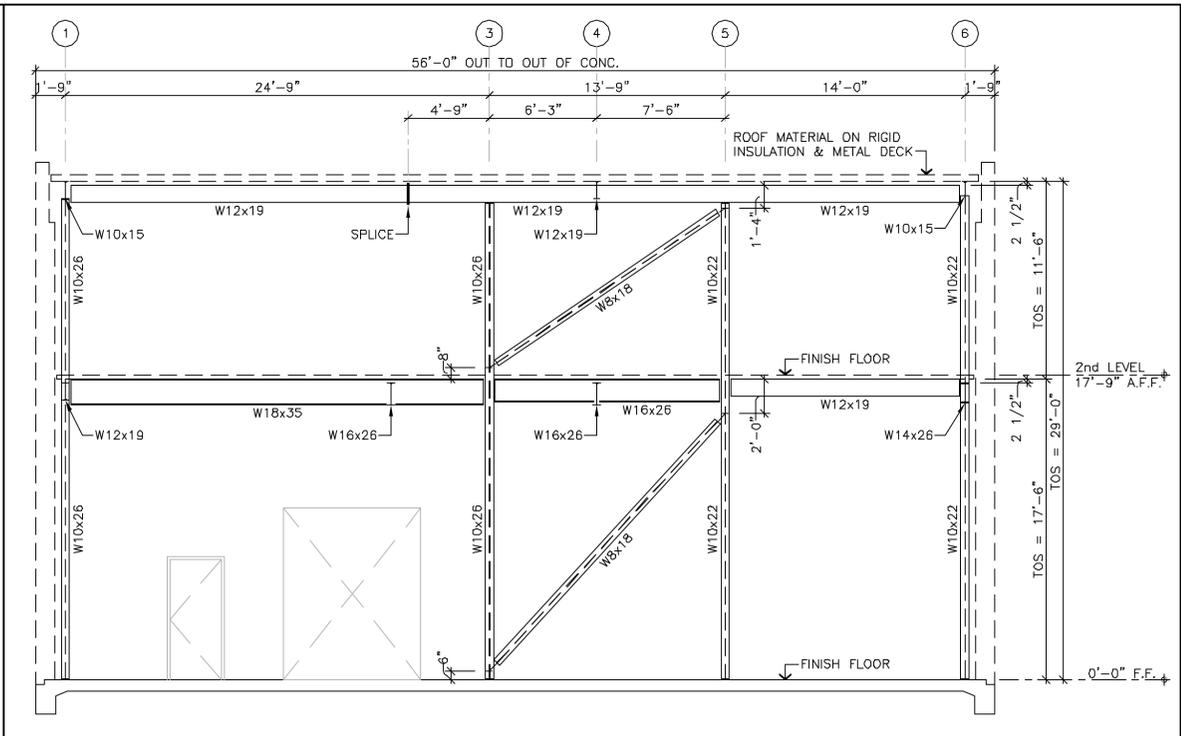
2 STRUCTURAL GENERAL NOTES



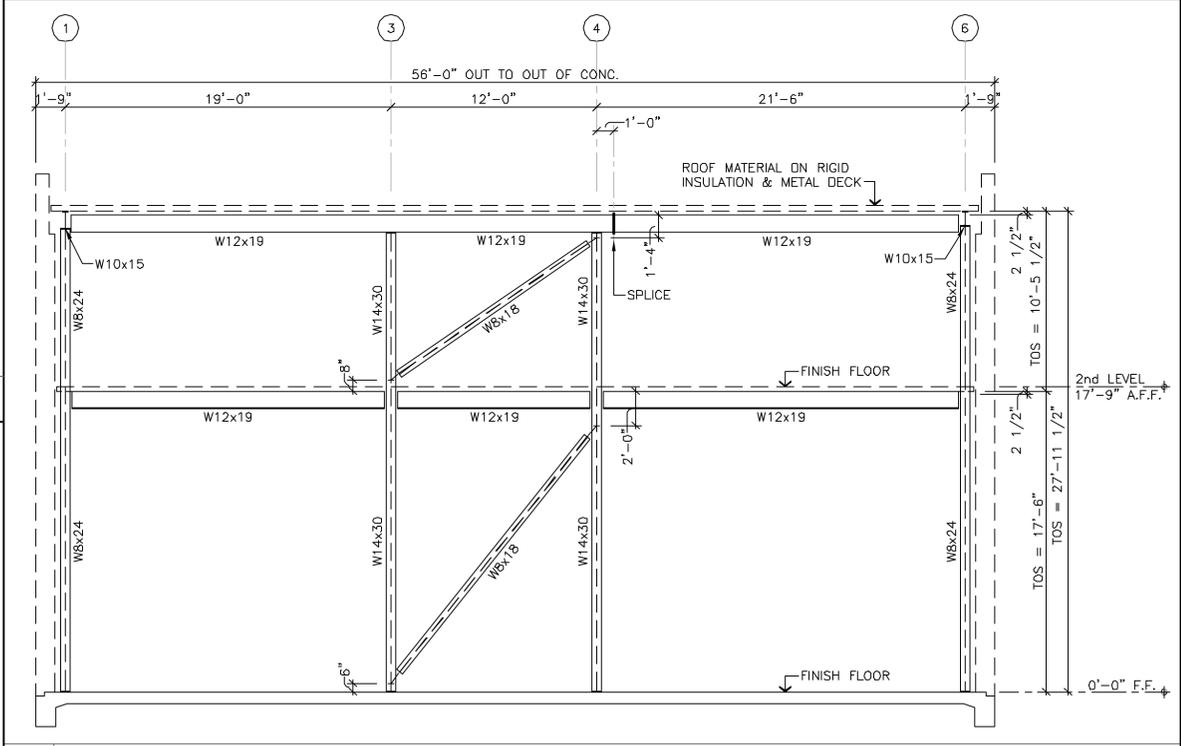
3 GUSSET DET. @ TUBE COLUMNS SCALE: 1" = 1'-0"



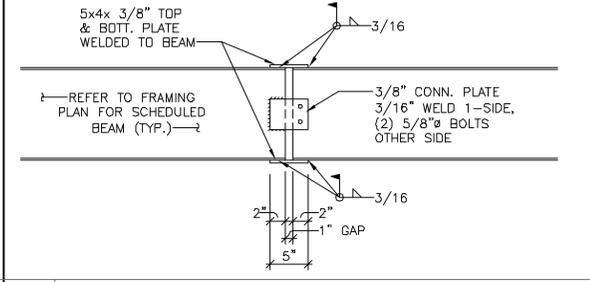
4 GUSSET DET. @ JOIST EXTENSION SCALE: 1" = 1'-0"



7 STRUCTURAL ELEVATION @ COLUMN LINE A SCALE: 3/16" = 1'-0"



6 STRUCTURAL ELEVATION @ COLUMN LINE C SCALE: 3/16" = 1'-0"



5 SPlice DETAIL SCALE: 1" = 1'-0"

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CITY OF HOUSTON FIRE DEPARTMENT
FIRE STATION #20 - ADDITION
 6902 NAVIGATION BLVD., HOUSTON, TEXAS

SEAL:

LAY-SU Architects & Engineers
 HOUSTON, TEXAS 77031
 TEXAS ENGINEERING FIRM #F-5215

REV.	DATE	REMARKS
0	04/16/10	Issued for Bids

DESIGNED BY: RLS
 DRAWN BY: ROY
 SCALE: AS SHOWN
 DATE: SEPTEMBER 2009

DRAWING NAME: **2nd LEVEL FRAMING FLOOR PLAN & DETAILS**

SHEET: **S2.0**