GENERAL NOTES

GENERAL

1. THE STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE 2006 INTERNATIONAL BUILDING CODE AND THE CITY OF HOUSTON BUILDING CODE.

2. THE LOADS THAT HAVE BEEN USED IN THE STRUCTURAL DESIGN INCLUDE THE FOLLOWING

   LIVE LOADS:

   MEZZANINE .....50 PSF*

   * SIGN SHALL BE PLACED AT MEZZANINE STATING THAT NO HEAVY EQUIPMENT IS TO BE PLACE ON TOP OF MEZZANINE FRAMING.

   ALL LIVE LOADS HAVE BEEN REDUCED BASED ON TRIBUTARY AREAS IN ACCORDANCE WITH THE CODE PROVISIONS AND HAVE BEEN APPLIED TO BOTH ALTERNATE AND ADJACENT SPANS WHERE APPROPRIATE TO DERIVE GOVERNING CONDITIONS.

   MEZZANINE DEAD LOADS:

   STRUCTURAL MEMBERS.....SELF WEIGHT
   CEILING AND MECHANICAL .....7 PSF

   OTHER DEAD LOADS HAVE BEEN CALCULATED TO INCLUDE THE ACTUAL WEIGHT OF ALL WORK SHOWN ON THE STRUCTURAL, MECHANICAL, ELECTRICAL AND ARCHITECTURAL DRAWINGS. NO OTHER EQUIPMENT SHALL BE PLACED ON OR HUNG FROM THE ROOF SYSTEM WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER. ROOF-MOUNTED HVAC UNITS SHALL BE PLACED WITHIN THE DESIGNATED AREAS SHOWN ON THE FRAMING PLANS.

3. COMPLETE SHOP DRAWINGS FOR THE STRUCTURAL WORK SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO COMMENCEMENT OF CONSTRUCTION, IN ACCORDANCE WITH THE SPECIFICATIONS. SUCH REVIEW BY THE ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR CORRECT FABRICATION AND CONSTRUCTION OF THE WORK IN COMPLIANCE WITH THESE DRAWINGS.

4. ANY DEVIATION FROM, ADDITION TO, SUBSTITUTION FOR, OR MODIFICATION TO THE STRUCTURE OR ANY PART OF THE STRUCTURE DETAILED ON THESE DRAWINGS SHALL BE SUBMITTED IN WRITING TO THE ENGINEER FOR REVIEW. SHOP DRAWINGS THAT ARE SUBMITTED FOR REVIEW DO NOT CONSTITUTE "IN-WRITING".

5. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ELEVATIONS NOT SHOWN AND FOR EXACT LOCATIONS OF ALL ARCHITECTURAL; DETAILS. THE CONTRACTOR SHALL COMPARE THE STRUCTURAL SECTIONS WITH THE ARCHITECTURAL SECTIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO COMPLETION OF THE SHOP DRAWINGS.

6. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS AT THE SITE AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THE ACTUAL CONDITIONS AND INFORMATION SHOWN ON THE DRAWINGS BEFORE PROCEEDING WITH THE WORK.

7. PRINCIPAL OPENINGS ARE SHOWN ON THE STRUCTURAL DRAWINGS, CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR SLEEVES, CURVES, INSERTS AND OTHER OPENINGS NOT SHOWN. THE CONTRACTOR SHALL PROVIDE FOR ALL OPENINGS, WHETHER SHOWN ON THE STRUCTURAL DRAWINGS OR NOT. SIZE AND LOCATION OF ALL OPENINGS SHALL BE VERIFIED BY THE CONTRACTOR. ANY DEVIATION FROM OPENINGS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR APPROVAL PRIOR TO CONSTRUCTION.

8. THE STRUCTURAL DRAWINGS ARE NOT TO BE SCALED FOR DETERMINATION OF QUANTITIES, LENGTH, OR FIT OF MATERIALS.

9. THE STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISH STRUCTURE, THEY DO NOT INDICATE METHODS OF CONSTRUCTIONS UNLESS SO STATED OR NOTED. THE CONTRACTOR SHALL PROVIDE MEASURES NECESSARY TO PROTECT THE WORKMEN AND OTHER PERSONS DURING CONSTRUCTION.

10. THE CONTRACTOR SHALL PROVIDE TEMPORARY ERECTION BRACING AND SHORING OF ALL STRUCTURAL WORK AS REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONDITION WHICH , IN HIS OPINION, MIGHT ENDANGER THE STABILITY OF THE STRUCTURE OR CAUSE DISTRESS IN THE STRUCTURE.

11. CONSTRUCTION MATERIALS SHALL NOT BE STORED ON FLOORS OR ROOFS IN EXCESS OF THE DESIGN LIVE LOADS WHICH ARE INDICATED ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENFORCE THIS REQUIREMENT. IMPACT SHALL BE AVOIDED WHEN PLACING MATERIALS ON FLOORS OR ROOFS.

STRUCTURAL STEEL

1. CONTRACTOR SHALL FABRICATE AND ERECT STEEL IN ACCORDANCE WITH OSHA'S SAFETY REQUIREMENTS, INCLUDING 29 CFR PART 1926 SAFETY STANDARDS FOR STEEL ERECTION.

2. STRUCTURAL STEEL WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A992, GRADE 50 EXCEPT AS NOTED.

3. OTHER ROLLED STEEL SHAPES (M, S, HP SHAPES, CHANNELS, AND ANGLES) SHALL CONFORM TO ASTM A36, EXCEPT AS NOTED.

4. BASE PLATES SHALL CONFORM TO ASTM A992, GRADE 50. CONNECTOR PLATES CAN BE A36.

5. STRUCTURAL STEEL PIPE SHALL CONFORM TO ASTM A53, TYPE E OR TYPE S, GRADE B, OR ASTM A500 GRADE B. MILL TEST REPORTS FOR THE STEEL PIPE SHALL BE SUBMITTED FOR REVIEW.

6. STRUCTURAL STEEL TUBING SHALL CONFORM TO ASTM A500, GRADE B.

7. ANCHOR BOLTS (ANCHOR RODS) SHALL CONFORM TO ASTM A307 OR F1554 GRADE 36, UNLESS NOTED OTHERWISE.

8. CONNECTION BOLTS FOR STRUCTURAL STEEL MEMBERS SHALL BE HIGH STRENGTH BOLTS WHICH MEET OR EXCEED THE REQUIREMENTS OF ASTM A325, TYPE N, X, OR SC CLASS A. BOLTS SHALL BE DESIGNED AS BEARING TYPE BOLTS, EXCEPT AS NOTED. BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE "SNUG TIGHT" CONDITION AS OUTLINED IN THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". BOLTS SHALL HAVE A HARDENED WASHER PLACED UNDER THE ELEMENT TO BE TIGHTENED. CONNECTIONS WITH OVERSIZES ROUND HOLES AND CONNECTIONS WITH HOLES SLOTTED IN THE DIRECTION OF LOAD, AND CONNECTIONS NOTED ON THE DRAWINGS TO BE "SLIP CRITICAL" (SC CLASS A) BOLTS, AND SHALL BE DESIGNED AS SUCH. BOLTS FOR SLIP-CRITICAL CONNECTIONS SHALL BE TIGHTENED BY THE USE OF THE TURN-OF-THE-NUT METHOD OR THE USE OF LOAD-INDICATING TYPE BOLTS, OR LOAD-INDICATING WASHERS, INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

9. STRUCTURAL STEEL DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO THE AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" AND THE MARCH 2000 VERSION OF THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES".

10. TYPICAL BEAM CONNECTION DETAILS ARE DETAILED ON THE DRAWINGS. FOR NON-COMPOSITE BEAMS, THE END REACTION OF THE CONNECTED BEAM SHALL BE DETERMINED FROM AISC "MANUAL OF STEEL CONSTRUCTION-ALLOWABLE STRESS DESIGN," NINTH EDITION, PART 2 "ALLOWABLE LOADS ON BEAMS, UNLESS A DESIGN REACTION IS INDICATED ON THE PLANS. IN NO CASE SHALL THE END REACTION BE TAKEN AS LESS THAN 12.0 KIPS. IF ALTERNATE BEAM CONNECTION DESIGNS ARE USED AND FOR ALL OTHER CONNECTIONS NOT DETAILED ON THE DRAWINGS, THE FABRICATOR SHALL HAVE A REGISTERED PROFESSIONAL ENGINEER PREPARE THE CONNECTION DESIGNS IN ACCORDANCE WITH AISC "MANUAL OF STEEL CONSTRUCTION-VOLUME II CONNECTIONS "AND" HOLLOW STRUCTURAL SECTIONS-CONNECTIONS MANUAL." SUCH DESIGNS SHALL BE SUBMITTED PRIOR TO PREPARATION OF THE SHOP DRAWINGS AND SHALL BEAR THE SEAL OF THIS RESPONSIBLE PROFESSIONAL ENGINEER.

11. PRIOR TO DETAILING CONNECTIONS FOR STRUCTURAL STEEL, THE STEEL FABRICATOR SHALL SUBMIT FOR APPROVAL REPRESENTATIVE DETAILS AND CALCULATIONS FOR EACH TYPE OF STRUCTURAL STEEL CONNECTION TO BE UTILIZED. AFTER APPROVAL, THE CONNECTIONS MAY BE INCORPORATED INTO THE SHOP DRAWINGS, ALONG WITH A TABLE OF DESIGN CAPACITIES FOR THE RANGE OF CONNECTIONS TO BE USED.

12. WELDING SHALL CONFORM TO THE AMERICAN WELDING SOCIETY STANDARD D1.1. ELECTRODES FOR SHOP AND FIELD WELDS SHALL CONFORM TO AWS A5.1 OR AWS A5.5, CLASS E70XX, LOW HYDROGEN.

13. SPLICING OF STRUCTURAL STEEL MEMBERS WHERE NOT DETAILED ON THE CONTRACT DOCUMENTS IS PROHIBITED WITHOUT THE PRIOR APPROVAL OF THE STRUCTURAL ENGINEER AS TO LOCATION, TYPE OF SPLICE, AND CONNECTION TO BE MADE.

14. NO MISFABRICATED STRUCTURAL STEEL MAY BE ERECTED PRIOR TO REVIEW BY THE ENGINEER.

15. PENETRATIONS SHALL NOT BE CUT IN STRUCTURAL STEEL MEMBERS UNLESS SO INDICATED IN THE DRAWINGS OR AS REVIEWED BY THE ENGINEER.

16. BEAMS SHALL BE CAMBERED UPWARD WHERE SHOWN ON THE CONTRACT DOCUMENTS. WHERE NO UPWARD CAMBER IS INDICATED, ANY MILL CAMBER SHALL BE DETAILED UPWARD IN THE BEAMS.

17. WHERE INDICATED ON THE DRAWINGS, STRUCTURAL STEEL MEMBERS, FABRICATIONS, AND WELDED ASSEMBLIES SHALL BE GALVANIZED AFTER FABRICATION BY HOT DIP PROCESS IN ACCORDANCE WITH ASTM A123. WEIGHT OF ZINC COATING SHALL CONFORM TO THE REQUIREMENTS SPECIFIED UNDER "WEIGHT OF COATING" IN ASTM A123 OR ASTM A386, AS APPLICABLE. THE AFFECTED PORTIONS OF FIELD WELDED GALVANIZED ASSEMBLIES SHALL BE FIELD PAINTED WITH ZINC RICH CORROSION RESISTANT PAINT.

LIGHTGAGE METAL FRAMING

1. ALL STUDS AND BEAMS SPECIFIED ARE BY DIETHRICH. ALTERNATES MUST MEET SAME PROPERTIES AND SPECIFICATIONS.

2. WITH EACH TYPE OF METAL FRAMING REQUIRED, PROVIDE MANUFACTURER'S STANDARD STEEL RUNNERS (TRACKS), BLOCKING LINTELS, CLIP ANGLES, SHOES, REINFORCEMENTS, FASTENERS, AND ACCESSORIES AS RECOMMENDED BY MANUFACTURER FOR APPLICATIONS INDICATED, AS NEEDED TO PROVIDE A COMPLETE METAL FRAMING SYSTEM.

3. FOR 16 GAUGE AND HEAVIER STUDS, JOISTS, AND TRACK, FABRICATE COMPONENTS OF STEEL SHEET WITH A MINIMUM YIELD POINT OF 50,000 PSI; ASTM A-446-76 GRADE D, GALVANIZED.

4. FOR 18 GAUGE AND LIGHTER STUDS, JOISTS, AND TRACK, FABRICATE COMPONENTS OF STEEL SHEET WITH A MINIMUM YIELD POINT OF 37,000 PSI; ASTM A-446-76 GRADE B, GALVANIZED.

5. AMERICAN IRON AND STEEL INSTITUTE (AISI) COLD-FORMED STEEL DESIGN MANUAL", LATEST EDITION, 1989 ADDENDUM).

6. AMERICAN WELDING SOCIETY (AWS): STRUCTURAL WELDING CODE (D1.1 SPECIFICATION FOR WELDING SHEET STEEL IN STRUCTURES (E1.3).

7. ALL STUDS AND ACCESSORIES SHALL BE OF THE TYPE, SIZE, STEEL THICKNESS AND SPACING SHOWN ON THE PLANS. STUDS, RUNNERS (TRACK), BRACING AND BRIDGING SHALL BE MANUFACTURED PER ASTM SPECIFICATION C-955.

8. ALL GALVANIZED STUDS AND ACCESSORIES SHALL HAVE A MINIMUM G-60 COATING.

9. CONNECTIONS SHALL BE ACCOMPLISHED WITH SELF-DRILLING SCREWS OR WELDING.

10. TRANSVERSELY LOADED STUDS NEED NOT SIT SQUARELY IN TRACKS BUT MUST BE ATTACHED TO THEM WITH THE EXCEPTION OF SPECIAL SLIP CONDITIONS WHICH MUST BE DESIGNED ACCORDINGLY.

11. AXIALLY LOADED STUDS SHALL BE INSTALLED SEATED SQUARELY (WITHIN 1/16") AGAINST THE WEB PORTION OF THE TOP AND BOTTOM TRACKS. TRACKS SHALL REST ON A CONTINUOUS, UNIFORM BEARING SURFACE. SHEAR. TORCH CUTTING OF LOAD BEARING MEMBERS IS NOT PERMITTED.

12. CUTTING OF STEEL FRAMING MEMBERS MAY BE ACCOMPLISHED WITH A SAW OR CUTTING OF LOADED MEMBERS IS NOT PERMITTED UNLESS UNDER SUPERVISION OF THE PROJECT ENGINEER.

13. UTILIZE TEMPORARY BRACING AS REQUIRED AND KEEP IN PLACE UNTIL WORK IS PERMANENTLY STABILIZED.

14. BRIDGING SHALL BE OF SIZE AND TYPE SHOWN ON THE ATTACHED SKETCHES AND SHALL BE SPACED AT FIVE (5) FOOT MAXIMUM FULL HEIGHT OF WALL.

15. INSTALL HEADERS IN ALL OPENINGS IN AXIALLY LOADED WALLS THAT ARE LARGER THAN THE STUD SPACING IN THAT WALL. FORM HEADERS AS SHOWN ON THE DRAWINGS.

16. PROVIDE JACK STUDS TO SUPPORT EACH END OF HEADERS. THESE STUDS SHALL BE CONNECTED TO THE HEADER AND MUST SEAT SQUARELY IN THE LOWER TRACK OF THE WALL, AND BE PROPERLY ATTACHED TO IT.

17. WALL TRACK SHALL NOT BE USED TO SUPPORT ANY LOAD UNLESS SPECIFICALLY DESIGNED FOR THAT PURPOSE.

18. ALL AXIALLY LOADED MEMBERS SHALL BE ALIGNED VERTICALLY ALONG THE WEB AND FLANGES, TO ALLOW FOR FULL TRANSFER OF THE LOADS DOWN TO THE FOUNDATION. VERTICAL ALIGNMENT SHALL BE MAINTAINED AT FLOOR/WALL INTERSECTIONS OR ALTERNATE PROVISIONS FOR THE LOAD TRANSFER MAY BE

19. HOLES THAT ARE FIELD CUT INTO STEEL FRAMING MEMBERS SHALL BE WITHIN LIMITATIONS OF THE PRODUCT AND ITS DESIGN. PROVIDE REINFORCEMENT WHERE HOLES ARE CUT THROUGH LOAD BEARING MEMBERS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND APPROVED BY PROJECT ARCHITECT OR ENGINEER.

20. TOUCH UP ALL STEEL BARED BY WELDING USING ZINC RICH PAINT.

21. CARE SHOULD BE TAKEN TO ALLOW FOR ADDITIONAL STUDS AT INTERSECTIONS, CORNERS, DOORS, WINDOWS, CONTROL JOINTS, ETC., AND AS CALLED FOR IN THE DRAWING.

22. SPLICING OF AXIALLY LOADED MEMBERS SHALL NOT BE PERMITTED UNLESS APPROVED BY STRUCTURAL ENGINEER.

23. WIRE TYING OF MEMBERS IS NOT PERMITTED.

24. SCREWS SHALL HAVE A PROTECTIVE COATING AT LEAST EQUIVALENT TO CADMIUM PLATING (ASTM A-165 TYPE NS) FOR USE IN EXTERIOR ASSEMBLIES.

25. WELDS SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.1, AWS D1.3, AND AISI MANUAL SECTION 4.2 WELDS MAY BE BUTT, FILLET, SPOT, OR GROOVE TYPE, THE APPROPRIATENESS OF WHICH SHALL BE DETERMINED BY, AND WITHIN THE DESIGN CALCULATIONS. ALL WELDS SHALL BE TOUCHED UP USING ZINC RICH PAINT.

26. VERTICAL ALIGNMENT (PLUMB) OF STUDS SHALL BE WITHIN 1/960TH (1/8" IN 10'-0") OF THE SPAN.

27. HORIZONTAL ALIGNMENT (LEVEL) OF WALL SHALL BE WITHIN 1/960TH (1/8" IN 10'-0") OF THEIR RESPECTIVE LENGTHS.

28. SPACING OF STUDS SHALL NOT BE MORE THAN + OR - 1/8" FROM THE DESIGNED SPACING PROVIDING THAT THE CUMULATIVE ERROR DOES NOT EXCEED THE REQUIREMENTS OF THE FINISHING MATERIALS.

29. PREFABRICATED PANELS SHALL NOT BE MORE THAN 1/8" OUT OF SQUARE WITHIN THE LENGTH OF THAT PANEL.

30. ALL WALL STUDS AND FRAMING SHALL BE ADEQUATE TO SUPPORT WINDOW OPENINGS ON SIDES AND AT HEADERS TO RESIST 50 PSF OF WALL PRESSURE.

STATE OF TEXAS
DENNIS ROBERT PAUL
74523
REGISTERED PROFESSIONAL ENGINEER
11-02-10

9/9/2010 FOR PERMIT
10/21/2010 FOR CONSTRUCTION
11/02/2010 FOR CONSTRUCTION ⚠

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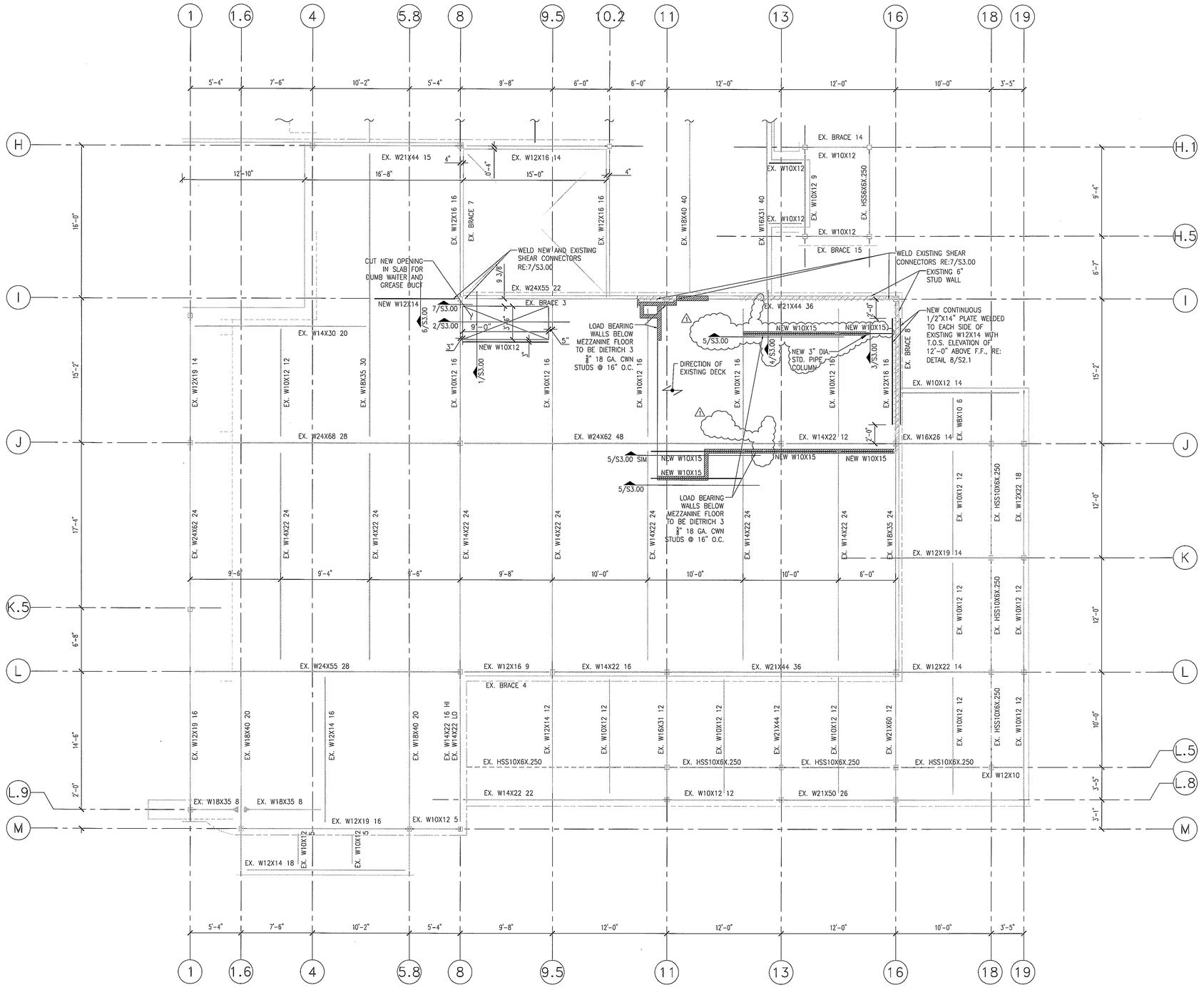
10018

GENERAL NOTES

S1.00



A 1st FLOOR PARTIAL FRAMING PLAN
SCALE: 3/16" = 1'-0"

DENNIS ROBERT PAUL
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REGISTERED PROFESSIONAL ENGINEER
STATE OF TEXAS
11-4-10

9/9/2010 FOR PERMIT
10/21/2010 FOR CONSTRUCTION
11/02/2010 FOR CONSTRUCTION ⚠

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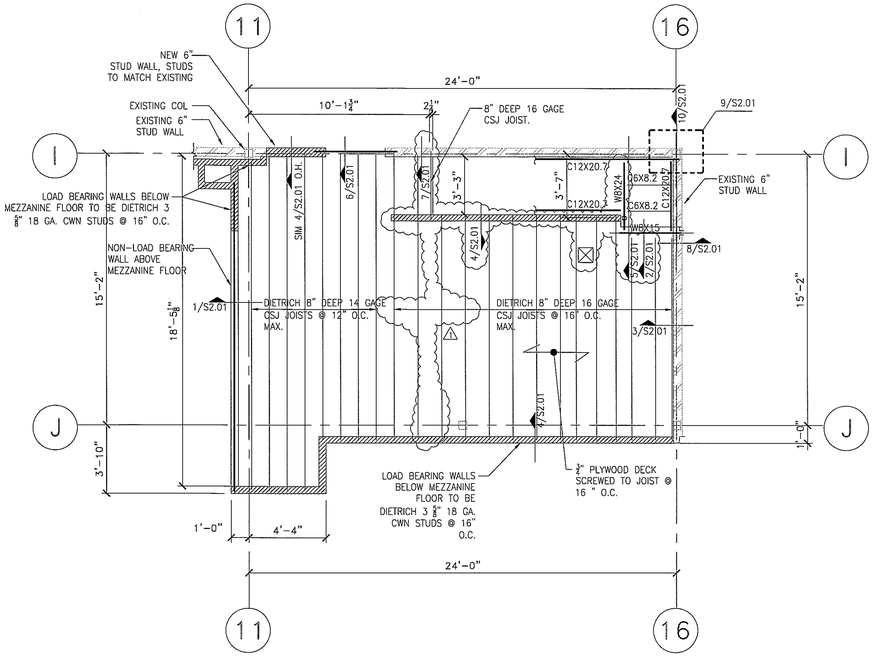
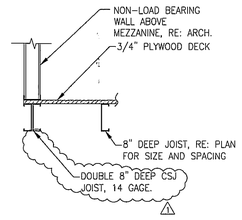
1st FLOOR PARTIAL FRAMING PLAN

S2.00

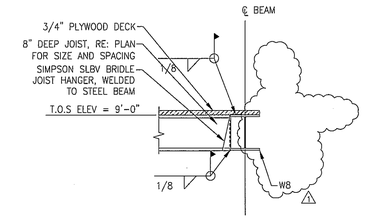
PEI FILE INFO:\\Pe001\paueng\Jobs\10-64.1 Lucca Restaurant at the Woodlands\Work\S2.00.DWG MODIFIED: Nov 02, 2010 10:36am PLOTTED: Nov 02, 2010 10:39am



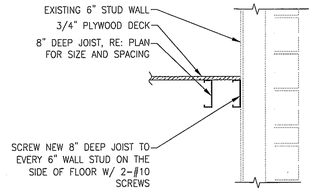
A — MEZZANINE FRAMING PLAN
SCALE: 1/4" = 1'-0"



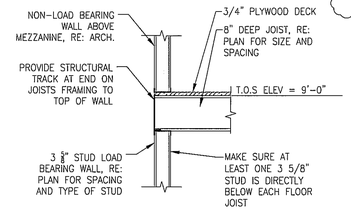
1 — EDGE OF DECK AT GRID 11
SCALE: 3/4" = 1'-0"



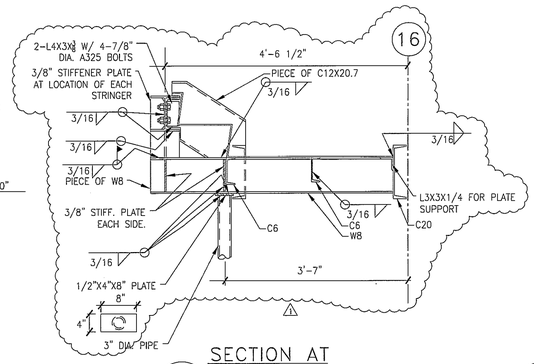
2 — EDGE OF DECK AT STAIRS
SCALE: 3/4" = 1'-0"



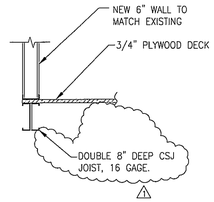
3 — EDGE OF DECK AT EXISTING WALL
SCALE: 3/4" = 1'-0"



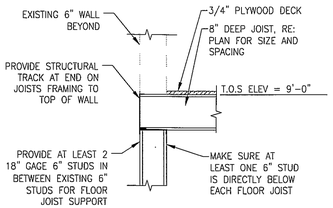
4 — EDGE OF DECK AT NEW LOAD BEARING WALL
SCALE: 3/4" = 1'-0"



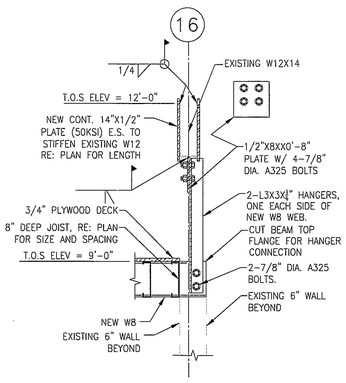
5 — SECTION AT STRINGER POST
SCALE: 3/4" = 1'-0"



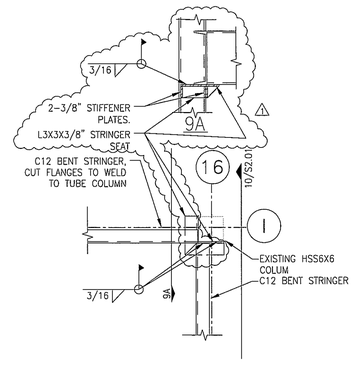
6 — EDGE OF DECK AT GRID 1
SCALE: 3/4" = 1'-0"



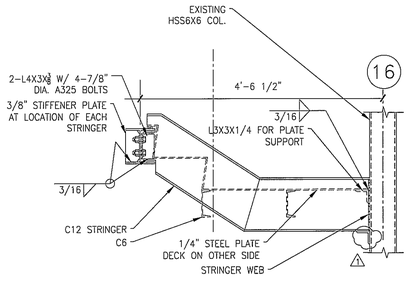
7 — EDGE OF DECK AT EXISTING WALL
SCALE: 3/4" = 1'-0"



8 — STEEL BEAM CONN. AT HANGER
SCALE: 3/4" = 1'-0"



9 — BENT STRINGER CONN. TO EXISTING COL.
SCALE: 3/4" = 1'-0"



10 — SECTION AT BENT STRINGER
SCALE: 3/4" = 1'-0"

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11-05-10

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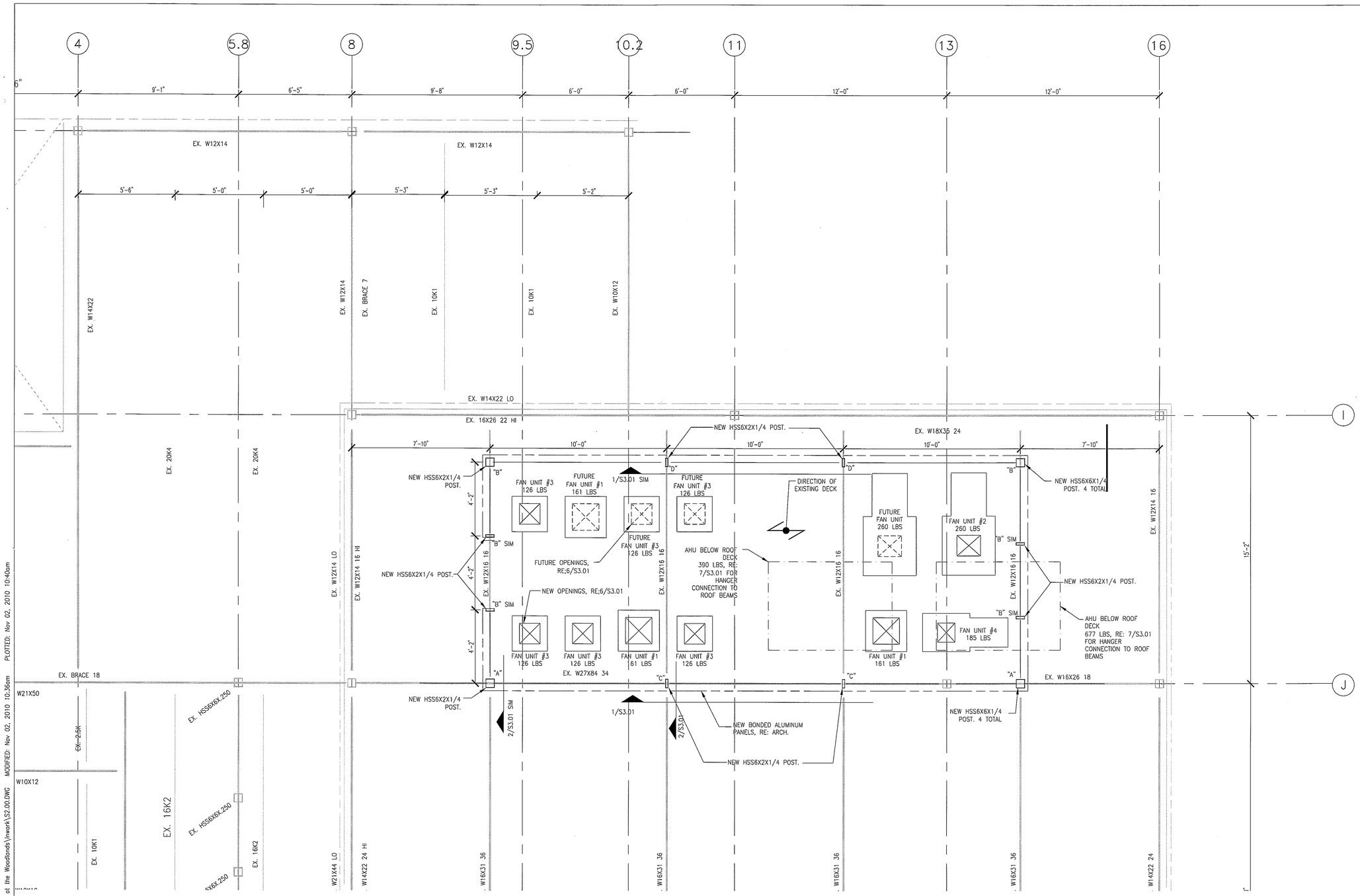
10018

MEZZANINE FRAMING PLAN AND FRAMING DETAILS

S2.01



A PARTIAL ROOF FRAMING PLAN

SCALE: 3/8"=1'-0"

1. "X" INDICATES TYPE OF POST BASE PLATE REQUIRED AT THAT LOCATION, RE;5/S3.01
2. FOR EXACT LOCATION AND DIMENSION OF ALL ROOF OPENINGS RE: ARCH.
3. ALL NEW POSTS, BASE PLATES AND BOLTS TO BE GALVANIZED.
4. REF. 6/S3.01 FOR REINFORCEMENT OF EXISTING DECK AT LOCATION OF NEW OPENINGS.
5. IF ROOF TOP EQUIPMENT WEIGHT DIFFERS FROM WHAT IS SHOWN IN THIS PLAN, CONTACT STRUCTURAL ENGINEER BEFORE INSTALLING EQUIPMENT

PLOTTED: Nov 02, 2010 10:40am
MODIFIED: Nov 02, 2010 10:36am
PEI FILE INFO:\\Pei001\paulenj\Jobs\10-64.1 Lucca Restaurant at the Woodlands\rework\S2.00.DWG

STATE OF TEXAS
DENNIS ROBERT PAUL
74523
LICENSED PROFESSIONAL ENGINEER
11-02-10

10/21/2010 FOR CONSTRUCTION
11/02/2010 FOR CONSTRUCTION 1

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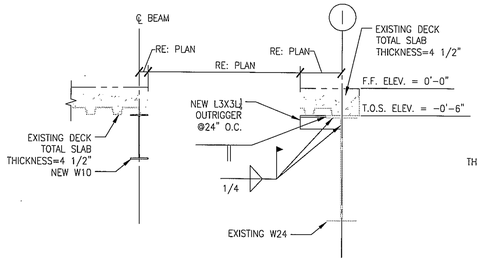
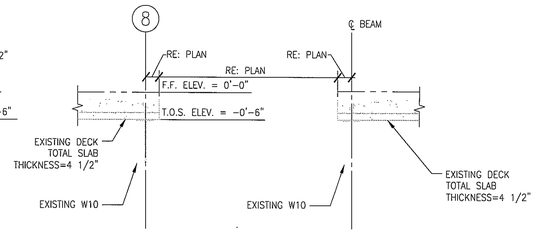
ROOF PARTIAL FRAMING PLAN

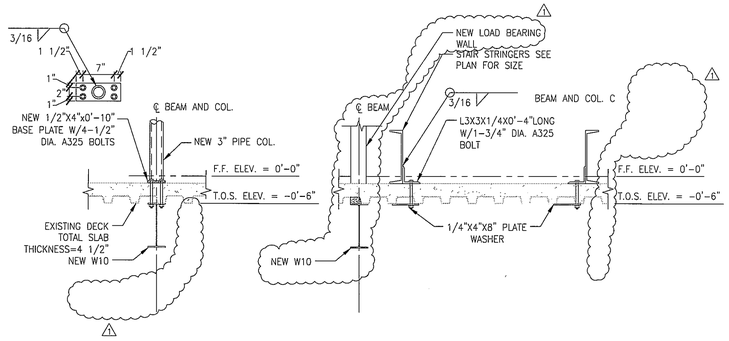
S2.10



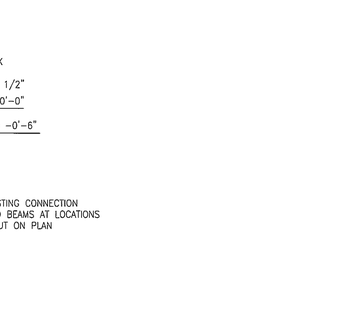
1 SECTION THRU DUMB WAITER OPENING
SCALE: 3/4" = 1'-0"

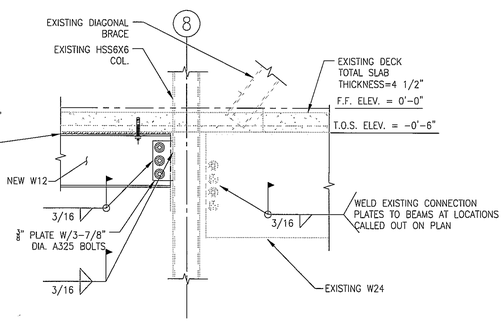


2 SECTION THRU DUMB WAITER OPENING
SCALE: 3/4" = 1'-0"

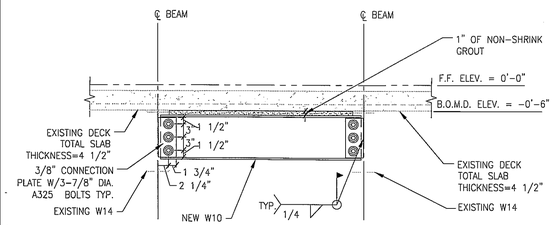


3 COLUMN BASE PLATE DETAIL
SCALE: 3/4" = 1'-0"





4 STAIR STRINGERS AT 1ST FLOOR SLAB
SCALE: 3/4" = 1'-0"



5 SECTION AT NEW BEAM
SCALE: 3/4" = 1'-0"

6 NEW BEAM FOR SHEAR TRANSFER
SCALE: 3/4" = 1'-0"

7 NEW WELDS FOR SHEAR TRANSFER
SCALE: 3/4" = 1'-0"

PAUL ENGINEERING INC.
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STATE OF TEXAS
DENNIS ROBERT PAUL
74523
REGISTERED
PROFESSIONAL ENGINEER
11-8-10

9/9/2010	FOR PERMIT
10/21/2010	FOR CONSTRUCTION
11/02/2010	FOR CONSTRUCTION ⚠

HARRELL
ARCHITECTS, LP
9575 Katy Frwy., #200
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MEP Engineers

TDG
Food Service

Paul Engineering
Structural Engineers

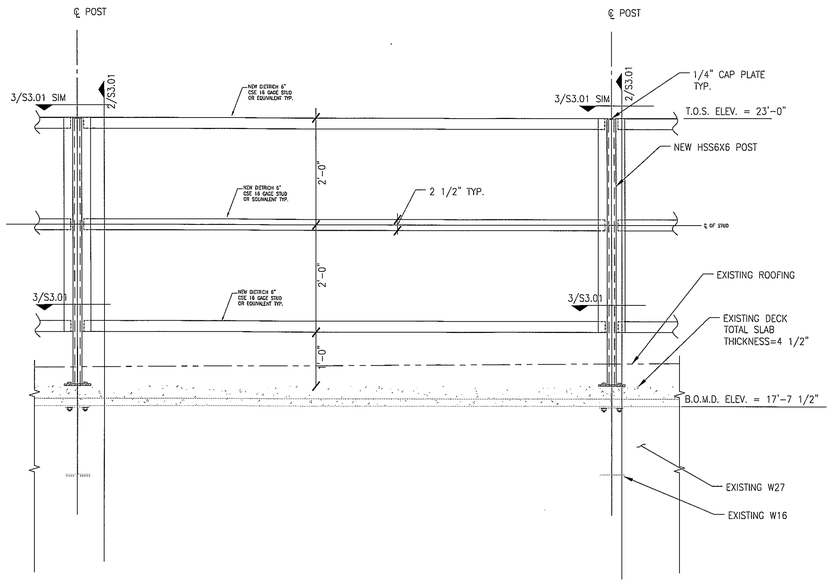
LUCA & LEONARDO RESTAURANT

20 WATERWAY
THE WOODLANDS, TEXAS

10018

FRAMING DETAILS

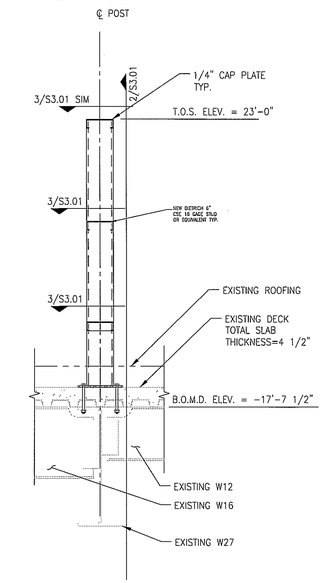
S3.00



1 SCREENWALL STRUCTURE PARTIAL ELEVATION

SCALE: 3/4" = 1'-0"

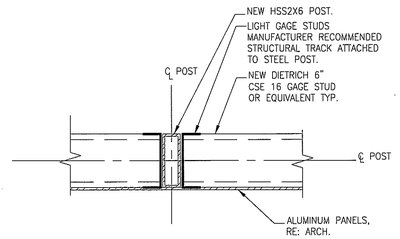
1. ALL NEW STRUCTURAL STEEL POSTS, BASE PLATES AND BOLTS TO BE GALVANIZED.



2 SECTION AT SCREENWALL POST

SCALE: 3/4" = 1'-0"

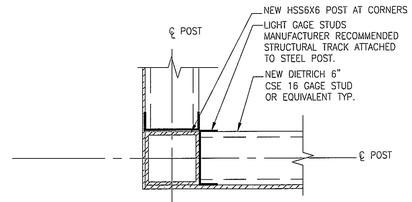
1. ALL NEW STRUCTURAL STEEL POSTS, BASE PLATES AND BOLTS TO BE GALVANIZED.



3 HORIZONTAL MEMBER TO POST CONNECTION

SCALE: 1 1/2" =1-0"

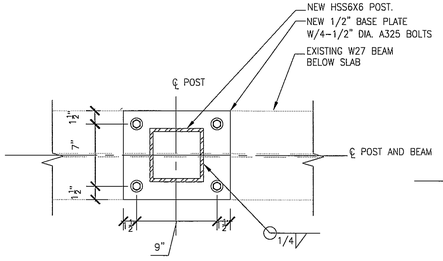
1. ALL NEW STRUCTURAL STEEL POSTS, BASE PLATES AND BOLTS TO BE GALVANIZED.



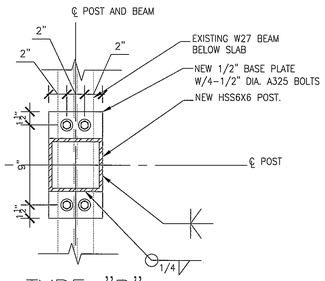
4 HORIZONTAL MEMBER CONN. AT CORNER

SCALE: 1 1/2" =1'-0"

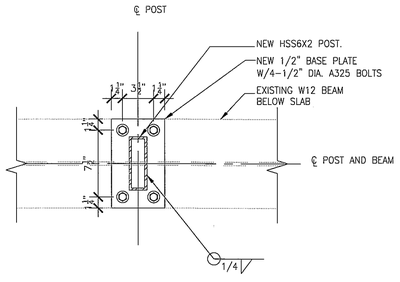
1. ALL NEW STRUCTURAL STEEL POSTS, BASE PLATES AND BOLTS TO BE GALVANIZED.



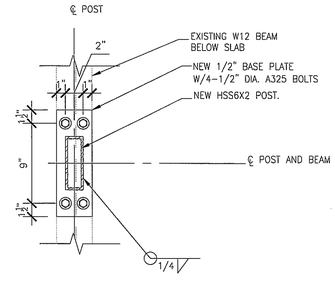
TYPE "A"



TYPE "B"



TYPE "C"

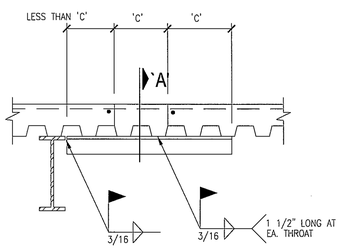


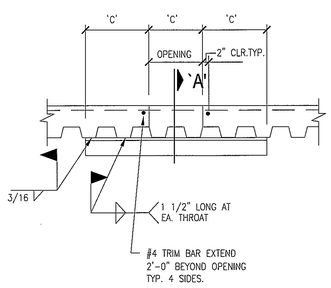
TYPE "D"

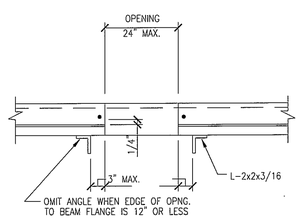
5 BASE PLATE TYPES

SCALE: 1 1/2" =1'-0"

1. ALL NEW STRUCTURAL STEEL POSTS, BASE PLATES AND BOLTS TO BE GALVANIZED.
2. RE: PLAN FOR LOCATION OF EACH OF THESE BASE PLATES



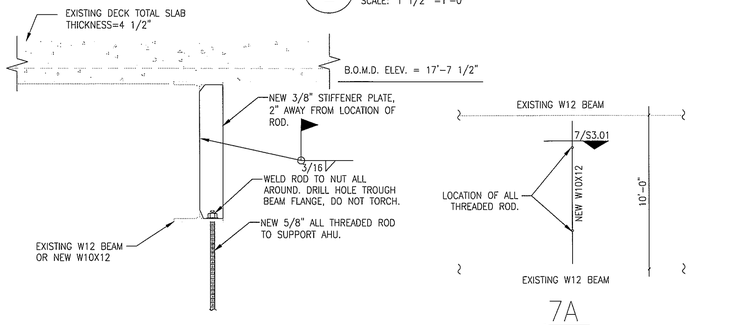




SECTION - `A'

6 DECK OPENING (FOR OPENING LARGER THAN 9" & LESS THAN 18" DIA. OR SQ.

SCALE: 1 1/2" =1'-0"



7A

1. NEW W10 BEAM IS GOOD FOR 2-600 LBS LOADS ANYWHERE ALONG ITS LENGTH WHEN CONSTRUCTED ACCORDING TO THESE DETAILS.

7 AHU ALL THREADED ROD HANGER CONNECTION

SCALE: 1 1/2" =1'-0"

1. SEE. MECHANICAL DRAWINGS FOR LOCATIONS.
2. PROVIDE W10X12 BEAM AT LOCATIONS WHERE ALL THREADED ROD AS SHOWN ABOVE HAS NO BEAM TO ATTACH TO. SEE DETAIL 7A

STATE OF TEXAS
DENNIS ROBERT PAUL
74523
REGISTERED PROFESSIONAL ENGINEER
11-02-10

[redacted]

10/21/2010 FOR CONSTRUCTION
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[redacted]

LUCA & LEONARDO RESTAURANT

LUCA & LEONARDO HISTORANTE

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THE WOODLANDS, TEXAS

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10018

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SCREEN WALL FRAMING DETAILS

[redacted]

S3.01

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