

ADDENDUM NO. 1

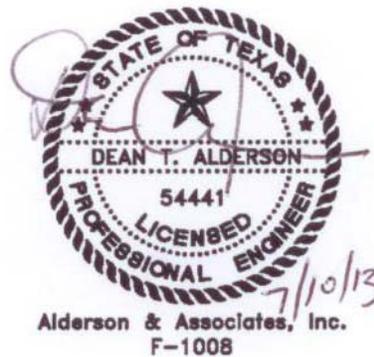
PROJECT NAME: INTERNATIONAL CENTER REPLACEMENT COOLING TOWERS/CHILLERS

DATE: 7/10/2013

ADDENDUM NO.1

This addendum should be included in and be considered part of the plans and specifications for the name of the project. The contractor shall be required to sign an acknowledgement of the receipt of this addendum and submit with their bid.

CIMS PROJECT NO.: 40-00268



Formal Invitation for Bid and Contract:

PLAN SHEET S1.1

- Added previously omitted structural drawing.

PLAN SHEET S2.1

- Added previously omitted structural drawing.

ANSWERS TO PRE-BID CONFERENCE QUESTIONS:

- *Question #1: Why was the budget cost reduced?*

Response: The budget estimate is the estimated construction cost for the base bid scope of work. The new bid set added an alternate for both the new ventilation fan scope of work and for the 4-point witness testing of both chillers. Additionally an allowance for ductwork repair/replacement scope that cannot be clearly indicated on the drawings was added.

- *Question #2: What changes occurred that changed the project?*

Response: See response to Question #1. Additionally, the SBEDA requirements were modified to require only a 3% M/WBE subcontracting goal.

- *Question #3: Is the budget separate from the base bid?*

Response: The indicated budget is an estimate as to what the project team estimates the cost of the renovation work to be. The intent is to provide prospective bidders an idea of what level of funding has been set aside for the project. It is not intended for the base bid to reflect this exact number.

- *Question #4: Is the alternates' part of the base bid broken down as alternates?*

Response: There is no alternate part of the base bid. Alternates are indicated in Section II of the 020 BID FORM document and are intended to be priced separately from the base bid amount.

- *Question #5: How did you go down in the budget cost?*

Response: See response to Question #1.

- *Question #6: Are we responsible for the Security Company?*

Response: Reference 01 50 00 – Temporary Facilities and Controls, Section 1.15 in the project manual for security requirements.

- *Question #7: Can a walk through meeting be conducted before the bid opening date?*

Response: Yes. A site walk through will be conducted on July 12, 2013 (this Friday) at 8:30 AM. We will meet at the project site on the 1st floor at the security desk in the lobby.

Note: Addenda Acknowledgement Form for Addendum 1 is attached herein. This form must be signed and submitted with the bid package.



RECEIPT OF ADDENDUM NUMBER(S) 1 IS HEREBY ACKNOWLEDGED FOR PLANS AND

SPECIFICATIONS FOR CONSTRUCTION OF INTERNATIONAL CENTER REPLACEMENT COOLING TOWERS/CHILLERS – 40-00268

FOR WHICH BIDS WILL BE OPENED ON TUESDAY, JULY 16, 2013 AT 2:00 P.M.

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID PACKAGE.

Company Name: _____

Address: _____

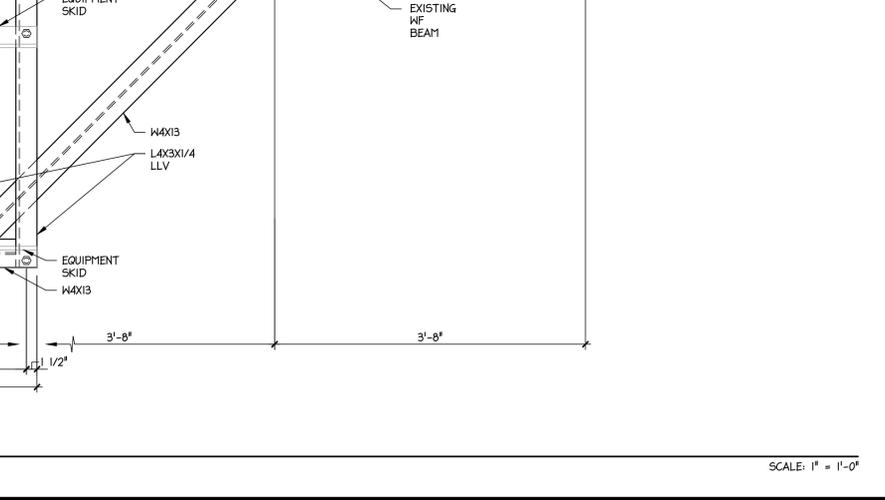
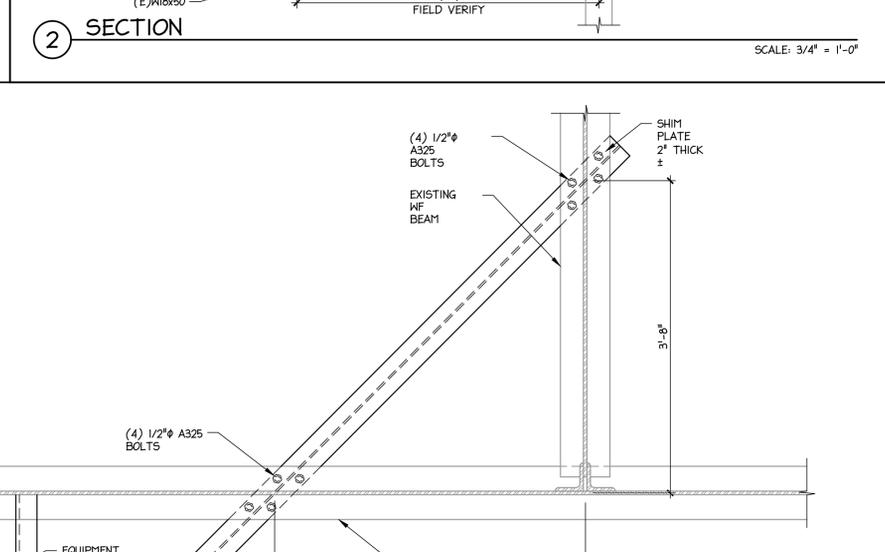
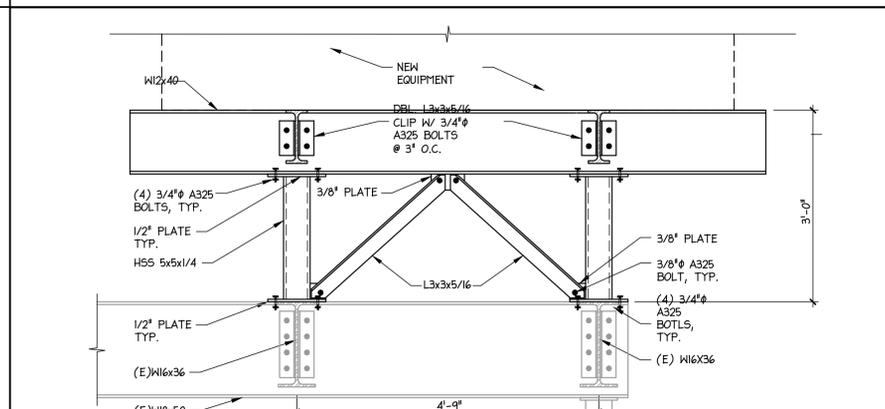
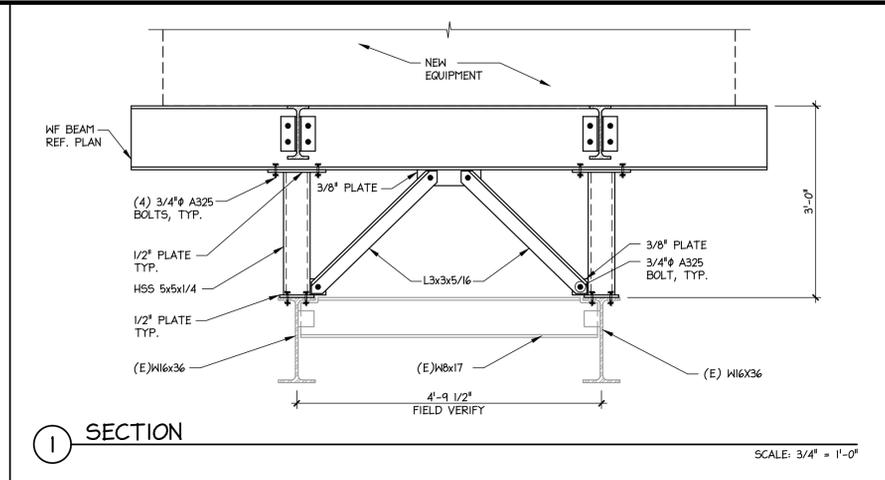
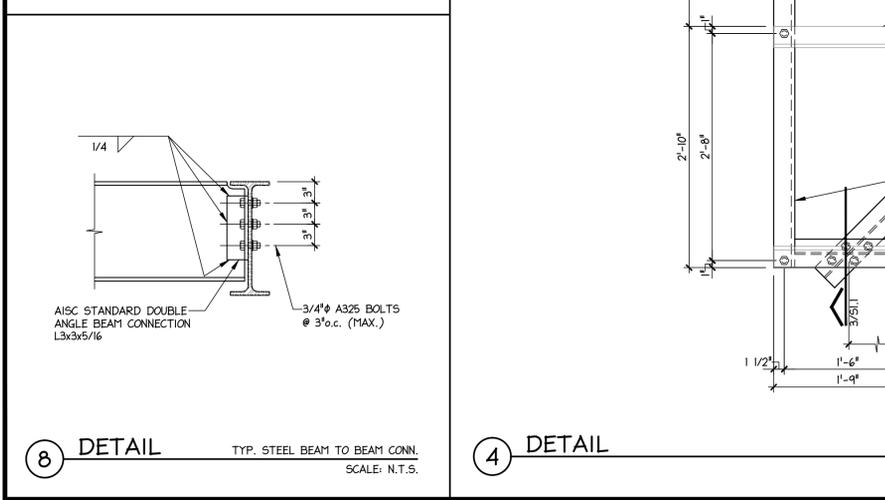
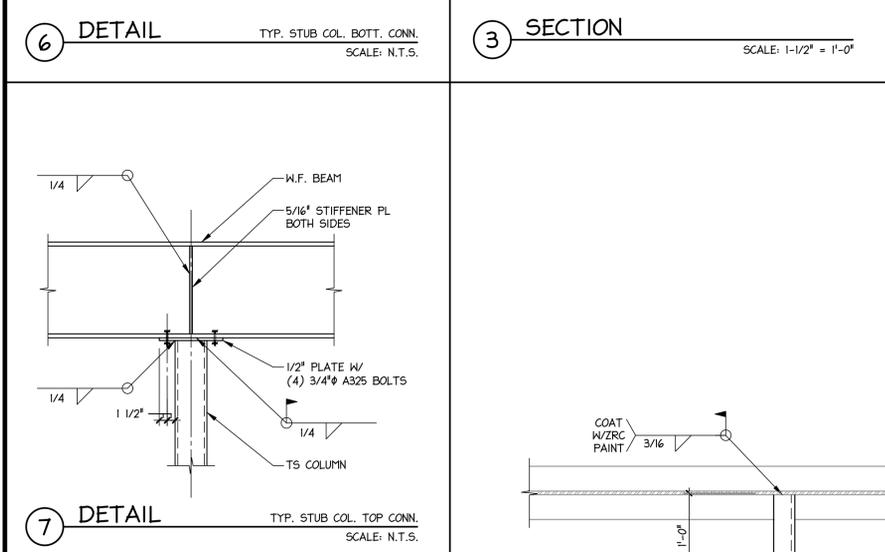
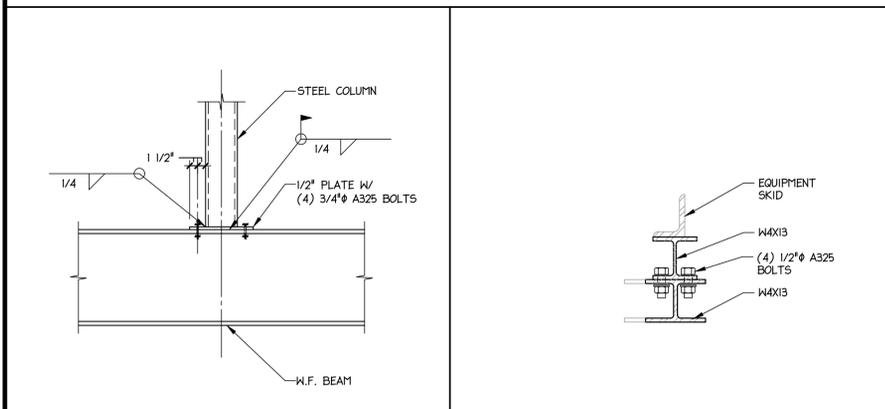
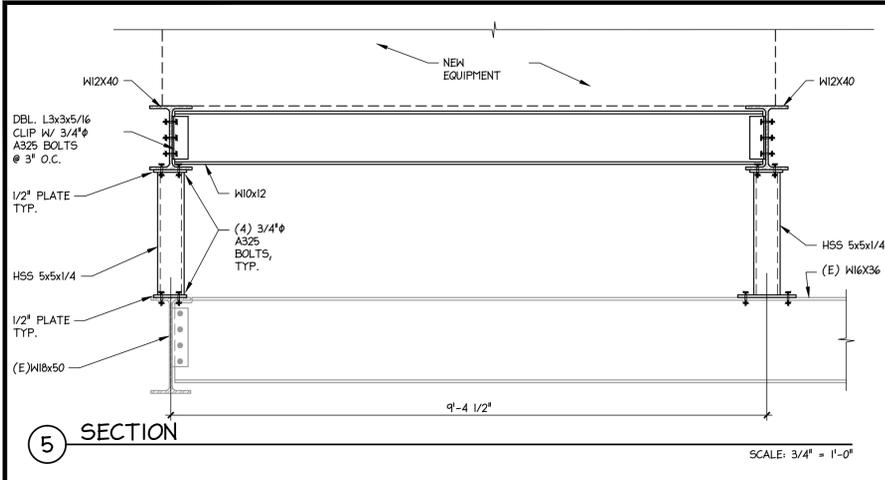
City/State/Zip Code: _____

Date: _____

Signature

Print Name/Title

LE PROJECT NO.: 13-02649
LE FILE NO.: INTES1.1



STRUCTURAL SPECIAL INSPECTION NOTES:

S1-1 THE OWNER SHALL EMPLOY THE SERVICES OF ONE OR MORE SPECIAL INSPECTORS TO PROVIDE SPECIAL INSPECTIONS DURING THE CONSTRUCTION OF THIS PROJECT AS SPECIFIED IN SECTION 1704 OF THE INTERNATIONAL BUILDING CODE. SPECIAL INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS SPECIFIED IN SECTION 110 OF THE IBC.

S1-2 THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL, RESPONSIBLE FOR THE DESIGN OF THE STRUCTURE, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.

S1-3 DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:

A. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. THE INSPECTOR MAY NOT ALTER, MODIFY, ENLARGE OR WAIVE ANY OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

B. THE SPECIAL INSPECTOR SHALL FURNISH REPORTS OF REQUIRED SPECIAL INSPECTIONS TO THE BUILDING OFFICIAL, THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE (RDPIC), AND THE CONTRACTOR. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF DISCREPANCIES ARE NOT CORRECTED THE INSPECTOR SHALL PROVIDE A NOTICE OF NONCOMPLIANCE TO THE BUILDING OFFICIAL, THE RDPIC, AND THE CONTRACTOR.

C. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE CODE.

S1-4 THESE SPECIAL INSPECTION REQUIREMENTS DUPLICATE THE REQUIREMENTS OF SPECIFIED QUALITY ASSURANCE TESTING, DUPLICATE INSPECTIONS WILL NOT BE REQUIRED.

REQUIRED STRUCTURAL SPECIAL INSPECTIONS		
SPECIAL INSPECTION	FREQUENCY	REFERENCED STANDARDS
IBC 1704.2.5 - INSPECTION OF FABRICATORS	NOT REQ'D	
IBC 1705.2 - STEEL CONSTRUCTION	NOT REQ'D	
IBC 1705.3 - CONCRETE CONSTRUCTION	NOT REQ'D	
IBC 1705.4 - MASONRY CONSTRUCTION	NOT REQ'D	
IBC 1705.5 - WOOD CONSTRUCTION	NOT REQ'D	
IBC 1705.6 - SOILS	NOT REQ'D	
IBC 1705.7 - PILE FOUNDATIONS	NOT REQ'D	
IBC 1705.8 - PIER FOUNDATIONS	NOT REQ'D	
IBC 1705.9 - HELICAL PILE FOUNDATIONS	NOT REQ'D	
IBC 1705.10 - WIND RESISTANCE	NOT REQ'D	
IBC 1705.11 - SEISMIC RESISTANCE	NOT REQ'D	
IBC 1705.12 - TESTING & QUALIFICATIONS FOR SEISMIC RESISTANCE	NOT REQ'D	

STEEL FRAMING NOTES:

SF-1 STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM 992, F_y=50 KSI. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B, F_y=46 KSI. PIPES SHALL CONFORM TO ASTM A501, F_y=36 KSI OR ASTM A-53, TYPE C OR S, GRADE B, F_y=35 KSI. STEEL PLATES, BARS, AND OTHER SHAPES SHALL CONFORM TO ASTM A36, F_y=36 KSI. CONNECTIONS SHALL CONFORM TO REQUIREMENTS OF AISC.

SF-2 WELDING SHALL BE BY WELDERS HOLDING VALID CERTIFICATES AND CURRENT EXPERIENCE IN THE TYPE OF WELD SHOWN ON THE DRAWINGS ALL WELDING DONE BY E70XX SERIES LOW HYDROGEN RODS. FOR ASTM A615 GRADE 60 REINFORCING BARS, USE 706 SERIES. ALL WELDS ON DRAWINGS ARE SHOWN AS SHOP WELDS, UNLESS NOTED OTHERWISE.

SF-3 STRUCTURAL FRAMING CONNECTIONS SHALL BE SEATED COLUMN CAPS, CLIP ANGLES OR WEB PLATES AS INDICATED ON DETAILS. USE A325 HIGH STRENGTH BOLTS OR WELDS SUFFICIENT TO DEVELOP REACTION CAPACITY ALLOWABLE UNIFORM LOAD/SPAN DIVIDED BY TWO AS SHOWN IN AISC MANUAL SECTION 2 (9th EDITION).

SF-4 CLIPS AND OTHER MISCELLANEOUS STRUCTURAL MEMBERS SHALL BE CONNECTED OR JOINED USING 3/16" OR LARGER FILLET OR GROOVE WELDS AS REQUIRED FOR ADEQUATE CONNECTION.

SF-5 ALL EXPOSED STRUCTURAL STEEL AND LIMTEL ANGLES SHALL BE CLEANED AND GALVANIZED. APPLY ZINC COATING BY THE HOT-DIP PROCESS AND ACCORDING TO A.S.T.M. A123. FIELD WELDS, BOLTED CONNECTIONS AND ABRASION AREAS SHALL BE CLEANED AND "TOUCHED UP" WITH GALVANIZING REPAIR PAINT IN ACCORDANCE WITH A.S.T.M. A780. THE GALVANIZING REPAIR PAINT SHALL HAVE A HIGH ZINC-DUST CONTENT WITH DRY FILM CONTAINING NO LESS THAN 50% ZINC-DUST BY WEIGHT, AND COMPLYING WITH THE DOD-P-21035A OR SSPC-PAINT 20.

SF-6 CONTRACTOR SHALL PROVIDE PROTECTION FOR ALL EXISTING CONSTRUCTION DURING ALL FIELD WELDING OPERATIONS. A FIRE EXTINGUISHER SHALL BE ON THE JOB SITE AND IN THE IMMEDIATE WORKING AREA OF ALL FIELD WELDING.

SF-7 CONTRACTOR SHALL SUBMIT STRUCTURAL STEEL SHOP DRAWINGS SHOWING ANCHORAGE PLACING PLANS, ERECTION PLANS, AND DETAIL DRAWINGS FOR ALL STEEL FRAMING MEMBERS INCLUDING BRIDGING, BRACING, CONNECTIONS, METHODS OR ASSEMBLY, ETC.

DEMOLITION NOTES:

DM-1 THE CONTRACTOR MUST REVIEW ALL WORK IN PROGRESS TO ASCERTAIN THAT ACTUAL STRUCTURAL CONDITIONS ENCOUNTERED REFLECT THOSE SHOWN ON THE DRAWINGS, AND REPORT ANY DISCREPANCIES TO THE ENGINEER.

DM-2 DURING DEMOLITION CONTRACTOR SHALL IDENTIFY STRUCTURAL FRAMING AND LOAD PATHS IN AREA OF DEMOLITION TO PREVENT ACCIDENTAL COLLAPSE.

DM-3 CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL BRACING AND SHORING REQUIRED TO INSURE THE SAFETY AND STRUCTURAL INTEGRITY OF THE PROJECT DURING DEMOLITION OPERATIONS.

DM-4 CONTRACTOR SHALL INSPECT EXISTING STRUCTURAL ELEMENTS AND REPAIR OR REPLACE THOSE FOUND TO BE STRUCTURALLY UNSOUND AS DIRECTED BY STRUCTURAL ENGINEER.

LEHMANN ENGINEERING, Inc.
1006 Beckett, San Antonio, TX 78213
Ph (210)348-8889
TX Firm Reg. No. F-5298

DARRELL J. LEHMANN
87794
LICENSED PROFESSIONAL ENGINEER
05-02-13

GENERAL NOTES:

GM-1 THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE (2012) AS AMENDED AND ADOPTED BY THE CITY OF SAN ANTONIO, AND APPLICABLE INDUSTRY STANDARDS (ASCE, ACI, ETC.).

GM-2 DESIGN CRITERIA:
DEAD LOADS - THE WEIGHT OF THE MATERIALS FORMING THE PERMANENT PART OF THE BUILDING. A SUPERIMPOSED DEAD LOAD OF 5 PSF HAS BEEN APPLIED FOR MECHANICAL DUCTS, CONDUITS, CEILING, ETC.
LIVE LOADS - IN ACCORDANCE WITH IBC SECTION 1607
FLOORS:
STAIRS AND EXITS (UNLESS NOTED OTHERWISE) 100 PSF OR 300 LBS. MECHANICAL ROOM 150 PSF
ROOFS:
MECHANICAL EQUIPMENT AS INDICATED ON PLANS
LIVE LOADS REDUCTIONS - NOT REDUCED

WIND LOADS - PER IBC SECTION 1609
ULTIMATE DESIGN WIND SPEED (3 SECOND GUST), V-U_r 115 MPH
NOMINAL DESIGN WIND SPEED, V-50 89 MPH
EXPOSURE CATEGORY C
RISK CATEGORY II
SNOW LOADS - PER IBC SECTION 1608 5 PSF

GM-3 THE STRUCTURE HAS BEEN DESIGNED TO RESIST DESIGN LOADS ONLY AS A COMPLETED STRUCTURE. CONTRACTOR SHALL CONSIDER ALL LOADS APPLIED TO THE PARTIALLY COMPLETED STRUCTURE AND PROVIDE TEMPORARY BRACING AS REQUIRED UNTIL ALL PERMANENT CONNECTIONS ARE MADE. ANY PROPOSED APPLICATION OF CONSTRUCTION LOADS WHICH EXCEED THE DESIGN LOADS WILL REQUIRE REANALYSIS AND PROBABLE REDESIGN.

GM-4 PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR AND FABRICATOR SHALL VERIFY ALL QUANTITIES, DIMENSIONS AND CONDITIONS AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

GM-5 VERIFY REQUIREMENTS OF OTHER TRADES (MECHANICAL, ELECTRICAL, ETC.) PRIOR TO PROCEEDING WITH FABRICATION OR INSTALLATION OF MATERIALS.

GM-6 UTILITIES PENETRATING BUILDING SHALL BE FLEXIBLE, USING SLEEVE JOINTS, BENDS, LOOPS, ETC. TO PERMIT MOVEMENTS DUE TO EXPANSION UNDERLYING SOILS.

GM-7 THE DETAILS DESIGNATED AS "TYPICAL DETAILS", APPLY GENERALLY TO THE DRAWINGS IN ALL AREAS WHERE CONDITIONS ARE SIMILAR TO THOSE DESCRIBED IN DETAILS.

GM-8 COMPLETED SHOP DRAWINGS SHALL BE PROVIDED FOR FABRICATED ITEMS, REFERENCE INDIVIDUAL SECTIONS FOR SPECIFIC REQUIREMENTS. SUBMIT A MINIMUM OF FOUR COPIES OF EACH SUBMITTAL WITH ADDITIONAL COPIES AS DIRECTED BY THE ARCHITECT. SHOP DRAWINGS SHALL BE REVIEWED BY THE GENERAL CONTRACTOR AND SUBMITTED THROUGH THE ARCHITECT/ENGINEER PRIOR TO FABRICATION. THE STRUCTURAL DRAWINGS ARE COPYRIGHTED AND SHALL NOT BE REPRODUCED FOR SHOP DRAWINGS.

GM-9 CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER AT LEAST 24 HOURS IN ADVANCE OF ANY CONCRETE POUR OR OTHER ACTION THAT WILL COVER UP STRUCTURAL ELEMENTS SO THE ENGINEER CAN CONDUCT PERIODIC SITE OBSERVATIONS AS REQUIRED TO PROVIDE A FINAL LETTER OF GENERAL COMPLIANCE TO THE OWNER AND/OR BUILDING AUTHORITY. PERIODIC SITE OBSERVATIONS ARE SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK IS PROCEEDING IN GENERAL ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND ARE NOT INTENDED TO BE A COMPREHENSIVE OR EXHAUSTIVE CHECK OF THE QUALITY AND/OR QUANTITY OF THE WORK. THESE OBSERVATIONS DO NOT CONSTITUTE THE SPECIAL INSPECTION REQUIREMENTS OF THE IBC SECTION 1704.

GM-10 THE ENGINEER SHALL NOT HAVE CONTROL OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSION OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

GM-11 THE OWNER SHALL EMPLOY AN INDEPENDENT TESTING LABORATORY TO PERFORM CONSTRUCTION MATERIALS TESTING FOR THE PROJECT. REFERENCE SPECIFIC SECTIONS FOR TESTING REQUIREMENTS. THE CONTRACTOR SHALL NOTIFY THE OWNER OF THIS REQUIREMENT AND COORDINATE THESE SERVICES AS NECESSARY THROUGHOUT THE PROCESS OF CONSTRUCTION.

GM-12 ASSUMPTIONS HAVE BEEN MADE BY THIS OFFICE REGARDING EXISTING CONDITIONS. ACTUAL CONDITIONS MAY VARY FROM THOSE ASSUMED. THE CONTRACTOR IS TO REPORT ANY SUCH DISCREPANCIES TO THE ENGINEER FOR POSSIBLE MODIFICATIONS NEEDED TO THE CONTRACT DRAWINGS BEFORE PROCEEDING WITH FURTHER WORK.

REVISIONS:

THIS DRAWING, INCLUDING SPECIFICATIONS AND OTHER DOCUMENTS IMPRINTED OR OTHERWISE REFERRED TO HEREIN, IS THE PROPERTY OF LEHMANN ENGINEERING, INC. AND IS TO BE USED ONLY FOR THE PROJECT AND UNDER THE SUPERVISION OF THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF LEHMANN ENGINEERING, INC.

Alderson & Associates, Inc.
7700 South Loop West
Suite 101
San Antonio, TX 78229
Ph (210) 615-8549
Fax (210) 615-8549
© 2013 Alderson and Associates, Inc. F-1108

HVAC UPGRADES

INTERNATIONAL CENTER

203 SOUTH ST. MARY'S, SAN ANTONIO, TX 78205

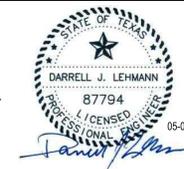
NOTES, DETAILS, & SECTIONS

PROJECT:	12-154
DRAWN:	J.V.
CHECKED:	D.J.L.
DATE:	05-02-2013
SHEET	S1.1
OF:	

LE PROJECT NO.: 13-02649
 LE FILE NO.: INTES2.1

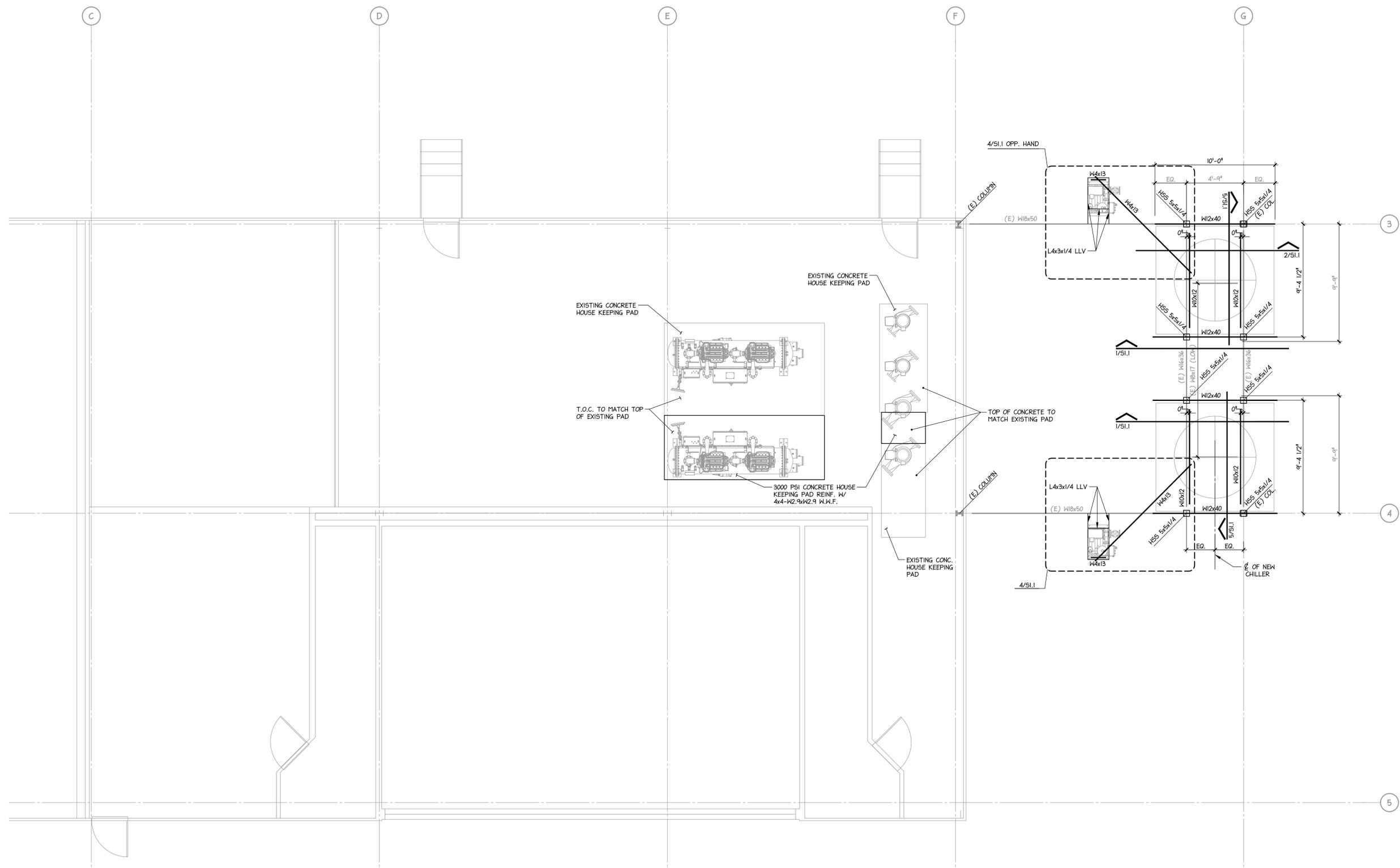


LEHMANN ENGINEERING, Inc.
 1006 Beckett, San Antonio, TX 78213
 Ph (210)348-8889
 TX Firm Reg. No. F-5298



REVISIONS:

THESE DRAWINGS, ACCOMPANYING SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ENGINEER FOR THIS PROJECT ARE HEREBY OFFERED TO THE PROJECT OWNER. THE ENGINEER'S SERVICE FOR USE OF THESE DOCUMENTS IS LIMITED TO THE PROJECT AND OWNER. THE ENGINEER HAS NOT CONDUCTED A VISUAL CHECK OF THE PROJECT OR THE WORK. THE CONTRACTOR SHALL VERIFY ALL DATA PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.



NOTE:
 EXISTING BUILDING INFORMATION WAS DERIVED FROM EXISTING DRAWINGS AND LIMITED SITE OBSERVATIONS. THE CONTRACTOR AND FABRICATOR SHALL VERIFY ALL DATA PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.



ROOF FRAMING PLAN
 SCALE: 1/4" = 1'-0"

Alderson & Associates, Inc.
 7700 San Pedro
 Suite 101
 San Antonio, TX 78229
 Ph (210) 615-8549
 Fax (210) 615-8549
 © 2013 Alderson and Associates, Inc. F-1008
 PROJECT # 12154

HVAC UPGRADES
INTERNATIONAL CENTER
 203 SOUTH ST. MARY'S, SAN ANTONIO, TX 78205

ROOF FRAMING PLAN

PROJECT: 12-154
 DRAWN: J.V.
 CHECKED: D.J.L.
 DATE: 05-02-2013

SHEET
S2.1
 OF: