REQUEST FOR PROPOSALS (RFP) #2019-018

Fire Resistive Material Testing Services at Temecula Valley Campus – Buildings F and G



RFP Issued: February 22, 2019

RFP Due: March 6, 2019 at 2:00 p.m.

Submit Response to: Carole Ward

cward@msjc.edu

Contract Coordinator

and

Tammy Cunningham

tcunningham@msjc.edu

Director of Procurement and General

Services

Questions or

Clarifications: All questions must be submitted via

e-mail to: Carole

Ward cward@msjc.edu and Tammy Cunningham tcunningham@msjc.edu

1. REQUEST FOR PROPOSAL

1.1 Purpose

Mt. San Jacinto Community (MSJC) College District is requesting proposals from qualified companies to provide Special Testing Professional Services for Fire Resistive Material (SFRM) of primary and secondary structural components at the existing Buildings F and G at the MSJC Temecula Valley Campus. The testing program is in support of the Evaluation and Upgrade project of the aforementioned buildings. The project is being reviewed by the Division of State Architect (DSA) in San Diego, California. Related Architectural Services are being provided by PMSM/19six Architects. The company selected to conduct the testing program for this project should be prepared and equipped to provide the special testing services as required by this RFP. The services should be provided in an expeditious and timely manner in order to meet the critical deadlines and schedules of the District listed in this RFP.

1.2 Proposal Submission

If interested in providing professional testing services for the project, proposals must be delivered to the address below, no later than 2:00 p.m. on March 6, 2019. Late proposals will not be considered. The District is not responsible for late mail or postal delivery errors. Proposers shall submit one electronic version of the proposal on a flash drive, one (1) printed original proposal including any supporting documentation in a sealed box or package addressed as follows:

Attention: Tammy Cunningham
Mt. San Jacinto Community College District
Purchasing Department
Building 200, Room 223
1499 N. State Street
San Jacinto, CA 92583

1.3 Response Format

Each company is required to submit a proposal identifying the scope of work it deems appropriate to this RFP. Submittals shall be brief and concise, but shall provide sufficient clarity to meet the criteria in the evaluation process. Each company submitting a proposal shall visit the site on Monday, February 25, 2019 for a walk through the areas where the testing services will be conducted. The District will evaluate the Proposals based on the responsiveness to District requirements. Criteria/Evaluation process.

NOTE for firms teaming with Sub-Consultants: Each responding firm shall select its proposed sub-consultants based on its own criteria. However, MSJCCD reserves the right to approve sub-consultants proposed for any projects that may be awarded. Sub-Consultants do not need to complete all the Exhibits in this RFP. Carefully read each section to determine which forms the Sub-consultants need to submit.

1.3.1 Questions

Consultants must carefully read the entire RFP prior to submitting questions as most questions will be answered in this RFP. All questions must be submitted in writing via e-mail to Carole Ward (cward@msjc.edu) and Tammy Cunningham (tcunningham@msjc.edu). The question deadline for this RFP is **Wednesday**, **February 27, 2019 by 1:00 PM**. After this deadline, the District will not answer, address, and/or review any questions that interested Consultants might submit. Responses to all questions received prior to the deadline will be provided to all Consultants.

1.3.2 Request for Proposals

Pre-Qualified Consultants are in no way guaranteed to receive any work from the District. Each Proposal shall describe the Consultant's experience and expertise with respect to the services, if any, which are unique to the property or project that is the subject of this RFP. In addition, the Proposal shall set forth a detailed scope of services, a completion schedule, a schedule of professionals that will be used to supervise and staff the project, and a not-to-exceed dollar amount for the services to be performed. The District will allocate work to said Pre-qualified Consultants without having to request and evaluate additional information as to Consultant's qualifications. Consultant shall assign only trained and experienced personnel, support staff, and other Consultants to the requisite tasks. Consultant shall provide cost to perform the tasks outline in the Scope of Services referenced in this RFP.

1.3.3 Mandatory Pre-proposal Site Visit/Review of Project Documents:

A Mandatory Pre-proposal Site Visit is scheduled for Monday, February 25, 2019 at 12:00 p.m. at the Temecula Valley Campus, 41888 Motorcar Parkway, Temecula, CA 92591.

Consultant must attend job walk. Any Consultant submitting a proposal who fails to attend the entire mandatory job walk and conference will be deemed a non-responsive bidder and will have its proposal returned unopened. Any Consultant who fails to arrive on time (12:00 p.m.) will not be able to participate in the Pre-Proposal site visit.

1.3.4 Pre-qualification of Bidders

As a condition of bidding for this Project, and in accordance with California Public Contract Code Section 20651.1, prospective bidders are required to submit to the District a completed set of prequalification documents on forms provided by the District. Prequalification documents are available at the Mt. San Jacinto Community College District, Office of Procurement and General Services, Room 223, located at 1499 N. State St., San Jacinto, California 92583 or go to the Mt. San Jacinto Community College

Purchasing Office website located at https://www.msjc.edu/Purchasing/Pages/UPCCAA.aspx to download the UPCCA Pre-Qualification Questionnaire. The prequalification documents must be submitted prior to 10:00 a.m. on February 27, 2019. Bids will not be accepted if a Contractor has not been prequalified where qualification is required. Contractors will be notified by telephone or e-mail of their prequalification status within a reasonable period of time after submission of their prequalification documents.

1.4 DIR Registration:

An consultant shall not be qualified to submit a proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in the Labor Code, unless currently registered and qualified to perform public works pursuant to Section 1725.5. It is not a violation of this section for an unregistered architect to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the consultant is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

This Project is a public works project as defined in Labor Code section 1720. Each contractor bidding on this Project and all subcontractors (of any tier) performing any portion of the Work must comply with the Labor Code sections 1725.5 and 1771.1 and must be properly and currently registered with DIR and qualified to perform public works pursuant to Labor Code section 1725.5 throughout the duration of the Project. For more information and up to date requirements, consultants are recommended to periodically review the DI's website at www.dir.ca.gov. consultants shall be solely responsible for ensuring compliance with Labor Code section 1725.5 as well as any requirements implemented by DIR applicable to its services or its subcontractors throughout the term of the Agreement and in no event shall contractor be granted increased payment from the District or any time extensions to complete the Project as a result of contractor's efforts to maintain compliance with the Labor Code or any requirements implemented by DIR. Failure to comply with these requirements shall be deemed a material breach of this Agreement and grounds for termination for cause. The contractor and all subcontractors shall furnish certified payroll records as required pursuant Labor Code section 1776 directly to the Labor Commissioner in accordance with Labor Code section 1771.4 on at least on a monthly basis (or more frequently if required by the District or the Labor Commissioner) and in a format prescribed by the Labor Commissioner. The District reserves the right to withhold contract payments if the District is notified, or determines as the result of its own investigation, that contractor is in violation of any other the requirements set forth in Labor Code section 1720 et. Seq. at no penalty or cost to the District. Monitoring and enforcement of the prevailing wage laws and related requirements will be performed by the Labor Commissioner/Department of Labor Standards Enforcement (DLSE).

The proposals should include the following:

- Cover Letter: Briefly describe the qualifications of the company and the proposed personnel for this project and provide a statement that you have reviewed the schedule listed in the RFP and agree to provide the necessary effort or staff allocation to meet the schedule listed in Section 4 of this RFP. (1 page max)
- 2. Approach to Work: provide (i) a statement of the proposed project scope of work with a description of the tasks, sub-tasks, deliverables that will be provided, and how the staff intend to coordinate and collaborate with the design team to meet the project schedule, and (ii) a description of the Quality Assurance/Control (QA/QC) plan to be followed during the duration of the work. The QA/QC plan shall address the accuracy, completeness and timeliness of all testing and related reports. (1 page max)
- 3. List of the main point of contact for the project team and key personnel. Clearly identify the individual(s) role(s) and responsibilities in the testing program. Include resumes of the proposed personnel with relevant testing experience. (1 page max per individual).
- 4. Relevant Project List: Provide project experience information of the company describing type, size, location, and any unique features or process of the project that may be relevant to this project. (1 page max).
- 5. Fee Proposal: Lump Sum Fee Proposal clearly listing professional testing services and assumptions. Please also include your hourly billing rates. (include number of pages as needed)

1.5 Selection Criteria

- Timeliness and Completeness: To receive consideration, Responses to this RFP must be received by the Response Deadline. In addition, RFP Response will be evaluated with respect to organization, clarity, completeness, and responsiveness to this RFP.
- 2. Technical Qualifications and Competence: This includes Company and Personnel's experience, expertise, and familiarity with providing Special Testing Services required by the RFP.
- 3. Approach to Work: This includes your proposed scope of work and deliverables to meet the project schedule.
- 4. Fee: Evaluation of proposed fee structure for requested services.

2. PROJECT DESCRIPTION

2.1 The project consists of the structural, fire Life Safety, accessibility evaluation and necessary upgrades of the existing Buildings F and G for the new MSJC Temecula Valley Campus. The fire life safety evaluation is being required by DSA and the California Building Code as these existing buildings will become part of the new MSJC

Temecula Valley Campus and will have to meet the code requirements per 2016 California Building Codes

3. BUILDING INFORMATION

3.1 Mt. San Jacinto Community College District recently acquired a five (5) story office building and surrounding site located in Temecula, California. The existing site consists of site parking, a central plant building and two Five (5) story towers, Building F and G. The total square footage for the built structures is approximately 391,685 SF. The existing site and buildings (core and shell only) were completed in 2008. The owners of the existing building that time decided to proceed with tenant improvement for Building G only, which was then completed in 2009.

The two towers Building G and F are separated by an expansion joint. District plans on renovating Building G to include Classrooms, Student Service Offices, Laboratories, Administration Offices, Lecture Room, Library, Learning Resources Center, Bookstore and STEM Center. The current building consists of existing fitness center, restrooms, locker rooms, dinning and kitchen area that will be reused by the students, faculty and college staff. Building F will remain as a core and shell for future expansion as needed. The site and buildings were designed per CBC 2001 building code. The site and building will be evaluated using Title 24 of the 2016 California Code of Regulations, see attached code plan sheets for further detail.

A copy of the existing architectural and structural building drawings can be downloaded from the following web link for your reference:

https://19sixarchitects.sharefile.com/d-sb811ba62b114429a

The most of the proposed testing will occur in Building F as it is currently only a shell space. The existing fireproofing is readily visible and accessible. However, there is still some testing required in Building G (Lobby and unused spaces on first floor). District will provide access to covered areas in the Building G lobby building as needed. The following testing needs to be done without damaging surrounding finishes.

4. SCOPE OF WORK

4.1 The scope of work includes the following SFRM testing of existing secondary and primary structural elements.

Based on the building department approved set for the core and shell project, here is the proposed UL systems used for various structural systems;

Exiting Fireproofing Schedule:

Structural frame: columns and beams connecting to columns - 3 hours provided, required is 2 hours

Secondary frame: beams not connecting to columns

Floor deck: 2 hours provided, required is 2 hours Roof deck: 2 hours provided, required is 1 hour

Existing UL designs based on building department approved drawings:

Wide flange columns: X 772

Tube columns: X 771

Floor and roof deck with minimum 3-1/4" LW concrete or 4-1/2" NW concrete: D 925 Beams supporting floor decks and roof deck with minimum 3-1/4" LW concrete or 4-1/2"

NW concrete: N 782

Any roof beams supporting a metal deck with concrete and insulation on top of concrete requires an increase of the beam rating by 1/2 hour to 2-1/2 hour for secondary and 3-1/2 hour for primary.

Download drawings identifying the structural elements that need to be tested. https://19sixarchitects.sharefile.com/d-se791f6f3d534e408

The testing needs to identify the condition of the substrates, thickness of the application, density, bond strength, adhesion/cohesion, condition of finished application, inspection of patching, sprayed fiber and cementitious fire resistive materials and the UL designs used for the elements listed above.

- **4.2** The company selected to conduct the testing shall prepare test reports identifying testing requirements per 2016 CBC, photographs of existing conditions, testing locations, visual and physical certification of the applied material, drawings identifying existing UL Designs and locations, stamped and signed by an engineer registered in the state of California.
- **4.3**The testing program and test reports shall be completed before April 5, 2019.

Exhibit A Team Member Resume Form Title Proposed Consultant Name Proposed Position Firm Name Availability Years w/ community Years wiPrevious Firms Years w Firm colleges Education Specific to Position (School/Year/Degree/Subject): Other Training/Experience w/MSJCCD, DSA, Community College Chancellors Office, and other State Agencies (or equivalent): Credentials/Certifications/Licenses/Registrations/Accreditations (related to position and years acquired): Note: Do not list any certifications, licenses, etc. that are expired or not from the State of California. Skills Relevant to the Proposed Project: List of Community College Districts Consultant Has Worked For:

Exhibit B

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CONSULTANT SERVICES AGREEMENT

This AGREEMENT is made and entered into this day of in the year 20 by and between the MT. SAN JACINTO COMMUNITY COLLEGE DISTRICT, hereinafter referred to as "DISTRICT," and, hereinafter referred to as "CONSULTANT." This AGREEMENT shall include all terms and conditions set forth herein. The DISTRICT and the CONSULTANT are sometimes referred to herein individually as a "PARTY" and collectively as the "PARTIES." This AGREEMENT is made with reference to the following facts:
WHEREAS , DISTRICT desires to obtain architectural services for the SPRAYED FIRE RESISTIVE MATERIAL TESTING SERVICES BUILDINGS F AND G AT TEMECULA VALLEY CAMPUS, hereinafter collectively referred to as the "PROJECT"; and
WHEREAS , CONSULTANT is fully licensed to provide architectural services in conformity with the laws of the State of California;
NOW, THEREFORE, the PARTIES hereto agree as follows:
ARTICLE I SCOPE AND SERVICES AND RESPONSIBILITIES
1. Services to be Provided by the CONSULTANT. The CONSULTANT shall provide to the DISTRICT on the terms set forth herein all the services articulated in the CONSULTANT's proposal which is attached hereto and incorporated herein as EXHIBIT "A" (the "CONSULTANT's WORK PLAN"). Where the CONSULTANT's WORK PLAN consists of a proposal or quote submitted in response to a Request for Proposals ("RFP") from the DISTRICT, the CONSULTANT's WORK PLAN shall be considered to include the DISTRICT's RFP. The DISTRICT and CONSULTANT expressly agree to incorporate the terms and conditions of the DISTRICT's RFP into this AGREEMENT by this reference and the PARTIES understand that the RFP shall constitute a binding part this AGREEMENT. In the event of a discrepancy, inconsistency, or other difference between the terms of the RFP or the CONSULTANT's WORK PLAN with this AGREEMENT, the PARTIES agree that the terms of this AGREEMENT shall govern and control.
2. <u>Classification</u> : To the extent it is determined under applicable law that CONSULTANT fails to meet the statutory prerequisites for classification as a professional expert operating under a personal services agreement, CONSULTANT resigns any and all rights and privileges derived from this AGREEMENT and any resulting relationship, which resignation is deemed accepted under such circumstances by the DISTRICT.
3. <u>Contract Term.</u> The effective period of this AGREEMENT is to be through
4. <u>CONSULTANT's Certifications, Representations and Warranties.</u> CONSULTANT makes the following certifications, representations, and warranties for the benefit of the DISTRICT and CONSULTANT acknowledges and agrees that the DISTRICT, in deciding to engage CONSULTANT pursuant to this AGREEMENT, is relying upon the truth and validity of the following certifications, representations and warranties and their effectiveness throughout the term of this AGREEMENT and the course of CONSULTANT's engagement hereunder:

services contemplated by this AGREEMENT and, to the extent required by any applicable laws,

CONSULTANT is qualified in all respects to provide to the DISTRICT all of the

CONSULTANT has all such licenses and/or governmental approvals as would be required to carry out and perform for the benefit of the DISTRICT, such services as are called for hereunder.

- b. CONSULTANT, in providing the services and in otherwise carrying out its obligations to the DISTRICT under this AGREEMENT, shall, at all times, comply with all applicable federal, state, and local laws, rules, regulations, and ordinances, including workers' compensation and equal protection and non-discrimination laws.
- c. The CONSULTANT will perform its services hereunder in a professional manner, using the degree of care and skill ordinarily exercised by, and consistent with, the current professional practices and standards of a professional practicing in California. The CONSULTANT will furnish, at its expense, those services that are set forth in this AGREEMENT and **EXHIBIT** "A" and represents that the services set forth in said EXHIBIT are within the technical and professional areas of expertise of the CONSULTANT or any subconsultant the CONSULTANT has engaged or will engage to perform the service(s). The DISTRICT shall request in writing if the DISTRICT desires the CONSULTANT to provide services in addition to, or different from, the services described in **EXHIBIT** "A". The CONSULTANT shall advise the DISTRICT in writing of any services that, in the CONSULTANT's opinion, lie outside of the technical and professional expertise of the CONSULTANT.
- 5. CONSULTANT has been selected to perform the work herein because of the skills and expertise of key individuals. Services under this AGREEMENT shall be performed only by competent personnel under this supervision of and/or in the employment of the CONSULTANT. CONSULTANT shall conform to DISTRICT's reasonable requests regarding assignment of personnel. All personnel, including those assigned at DISTRICT's request, shall be supervised by CONSULTANT.
- by the DISTRICT, unless said personnel cease to be employed by CONSULTANT. In either case, DISTRICT shall be allowed to interview and approve replacement personnel. CONSULTANT agrees that reassignment of any of the listed personnel during the AGREEMENT period shall only be with other professional personnel who have equivalent experience and shall require prior consultation and written approval by the DISTRICT. Any costs associated with reassignment of personnel shall be borne exclusively by CONSULTANT and CONSULTANT shall not charge the DISTRICT for the cost of training or "bringing up to speed" replacement personnel. If any designated lead or key person fails to perform to the satisfaction of the DISTRICT, then upon written notice the CONSULTANT shall immediately remove that person from the PROJECT and provide a temporary replacement. CONSULTANT shall within thirty (30) work days, provide a permanent replacement person acceptable to the DISTRICT. DISTRICT may condition its approval of replacement personnel upon a reasonable transition period wherein new personnel will learn the PROJECT and get "up to speed" at CONSULTANT's cost.
- 7. CONSULTANT represents that the CONSULTANT has no existing interest and will not acquire any interest, direct or indirect, which would create a conflict of interest in violation of any applicable laws, and that no person having any such interest shall be employed by CONSULTANT.

ARTICLE II COMPENSATION TO THE CONSULTANT

- 1. The DISTRICT shall compensate the CONSULTANT as follows:
- a. The DISTRICT agrees to pay the CONSULTANT in accordance with the fee, rate and/or price schedule information set forth in **EXHIBIT "A"** for the services performed pursuant to this AGREEMENT. In no event shall the total payment to CONSULTANT exceed

	DOLLARS (\$	

the services required by this AGREEMENT and **EXHIBIT "A"**.

- b. CONSULTANT shall invoice costs monthly, or another periodic basis approved by the DISTRICT, for the services provided pursuant to this AGREEMENT from the time the CONSULTANT begins work on the PROJECT. All costs must be supported by an invoice, receipt, or other acceptable documentation as determined by the DISTRICT.
- c. Except as expressly provided herein, CONSULTANT agrees that no other compensation, fringe benefits, or other remuneration is due to CONSULTANT by the DISTRICT for services rendered under this AGREEMENT. CONSULTANT shall not apply for or receive statutory benefits available to employees of the DISTRICT because CONSULTANT is not an employee of the DISTRICT; rather, CONSULTANT is operating under a personal services agreement pursuant to Education Code section 88003.1(b)(2) and has only the rights defined by this AGREEMENT.
- 2. The CONSULTANT shall submit one (1) invoice monthly to the DISTRICT for the fees incurred during the billing period and reimbursable expenses (if any). Invoices for fees must reflect the date of the service, identify the individual performing the service, state the hours worked and rate charged, and describe the service performed. Invoices requesting reimbursement for reimbursable expenses incurred during the billing period must clearly list items for which reimbursement is being requested and be accompanied by proper documentation (e.g. receipts, invoices) including a copy of the DISTRICT's authorization notice for invoiced item(s). Invoices requesting payment for overtime must reflect straight time and overtime hours being charged, and must include a copy of the DISTRICT's written authorization to incur additional overtime expense. No payments will be made by the DISTRICT to the CONSULTANT for monthly invoices requesting reimbursable expenses or overtime absent the prior written authorization of the DISTRICT. The DISTRICT shall make payment to the CONSULTANT of the approved invoiced amount within forty-five (45) days of the DISTRICT's receipt of the approved invoice.
- 3. The DISTRICT may withhold, or on account of subsequently discovered evidence, nullify the whole or a part of any payment to such extent as may be necessary to protect the DISTRICT from loss, including costs and attorneys' fees, on account of: (1) defective or deficient work product not remedied; (2) failure of the CONSULTANT to make payments properly to its employees or subconsultants; or (3) failure of CONSULTANT to perform its services in a timely manner so as to conform to the PROJECT schedule or other time constraints.

ARTICLE III REIMBURSABLE EXPENSES

- 1. Reimbursable expenses are in addition to compensation for basic and extra services, and shall be paid to the CONSULTANT at one and one-tenth (1.1) times the expenses incurred by the CONSULTANT, the CONSULTANT's employees and consultants for the following specified items unless otherwise approved by the DISTRICT in writing:
 - a. Approved reproduction of reports and/or other documents otherwise not covered in this AGREEMENT and approved in advance by DISTRICT.
 - b. Fees advanced for securing approval of authorities in connection with the services rendered pursuant to this AGREEMENT.
 - c. Express shipping, overnight mail, messenger, courier, or delivery services approved in advance by the DISTRICT.

- d. Mileage at IRS Rate if site exceeds more than 25 miles from the DISTRICT.
- e. Out of town travel approved in advance by DISTRICT.
- 2. Reimbursable expenses are estimated to be -0-**DOLLARS**, and this amount shall not be exceeded without the prior written approval of the DISTRICT.

ARTICLE IV TERMINATION

- 1. This AGREEMENT may be terminated by either PARTY upon fourteen (14) days written notice to the other PARTY in the event of a substantial failure of performance by such other PARTY, including insolvency of CONSULTANT; or if the DISTRICT should decide to abandon or indefinitely postpone the PROJECT.
- 2. In the event of a termination based upon abandonment or postponement by DISTRICT, the DISTRICT shall pay to the CONSULTANT for all services performed and all expenses incurred under this AGREEMENT supported by documentary evidence, including payroll records, and expense reports up until the date of the abandonment or postponement plus any sums due the CONSULTANT for Board approved extra services. In ascertaining the services actually rendered hereunder up to the date of termination of this AGREEMENT, consideration shall be given to both completed work and work in process of completion and to complete and incomplete drawings and other documents whether delivered to the DISTRICT or in the possession of the CONSULTANT. In the event termination is for a substantial failure of performance, all damages and costs associated with the termination, including increased consultant and replacement consultant costs shall be deducted from payments to the CONSULTANT.
- 3. In the event a termination for cause is determined to have been made wrongfully or without cause, then the termination shall be treated as a termination for convenience in accordance with Article IV, Paragraph 4 below, and CONSULTANT shall have no greater rights than it would have had if a termination for convenience had been effected in the first instance. No other loss, cost, damage, expense or liability may be claimed, requested or recovered by CONSULTANT.
- 4. This AGREEMENT may be terminated without cause by DISTRICT upon twenty (20) days written notice to the CONSULTANT. In the event of a termination without cause, the DISTRICT shall pay to the CONSULTANT for all services performed and all expenses incurred under this AGREEMENT supported by documentary evidence, including payroll records, and expense reports up until the date of notice of termination plus any sums due the CONSULTANT for Board approved extra services. In ascertaining the services actually rendered hereunder up to the date of termination of this AGREEMENT, consideration shall be given to both completed work and work in process of completion and to other documents whether delivered to the DISTRICT or in the possession of the CONSULTANT.
- 5. In the event of a dispute between the PARTIES as to performance of the work or the interpretation of this AGREEMENT, or payment or nonpayment for work performed or not performed, the PARTIES shall attempt to resolve the dispute. Pending resolution of this dispute, CONSULTANT agrees to continue the work diligently to completion. If the dispute is not resolved, CONSULTANT agrees it will neither rescind the AGREEMENT nor stop the progress of the work, but CONSULTANT's sole remedy shall be to submit such controversy to determination by a court having competent jurisdiction of the dispute, after the PROJECT has been completed, and not before. The PARTIES may agree in writing to submit any dispute between the PARTIES to arbitration. The DISTRICT agrees to pay the CONSULTANT the undisputed amounts due under this AGREEMENT.

6. The PARTIES understand and agree that Article IV of this AGREEMENT shall govern all termination rights and procedures between the PARTIES. Any termination provision that is attached to this AGREEMENT as an Exhibit shall be void and unenforceable between the PARTIES.

ARTICLE V ADDITIONAL CONSULTANT SERVICES

- 1. CONSULTANT shall notify the DISTRICT in writing of the need for additional services required due to circumstances beyond the CONSULTANT's control. CONSULTANT shall obtain written authorization from the DISTRICT before rendering such services. The DISTRICT may require CONSULTANT to perform additional services which are, in the DISTRICT's discretion, necessary. Compensation for such services shall be negotiated and approved in writing by the DISTRICT. Such services shall include:
 - a. Making material revisions in reports or other documents when such revisions are required by the enactment or revision of laws, rules or regulations subsequent to the preparation and completion of such documents.
 - b. Preparing reports and other documentation and supporting data, and providing other services in connection with PROJECT modifications required by causes beyond the control of the CONSULTANT which are not the result of the direct or indirect negligence, errors or omissions on the part of CONSULTANT;
 - c. If the DISTRICT requests additional shifts to complete the services articulated in **EXHIBIT "A"** where the requests for additional shifts does not arise from the direct or indirect negligence, errors or omissions on the part of CONSULTANT and the CONSULTANT's compensation is expressly conditioned on the lack of fault of the CONSULTANT;
 - d. Providing any other services not otherwise included in this AGREEMENT or not customarily furnished in accordance with the generally accepted practice in the CONSULTANT's industry.

ARTICLE VI ACCOUNTING RECORDS OF THE CONSULTANT

1. Records of the CONSULTANT's direct personnel and reimbursable expenses pertaining to any extra services provided by the CONSULTANT, which are in addition to those services already required by this AGREEMENT, and any records of accounts between the DISTRICT and CONSULTANT shall be kept on a generally recognized accounting basis and shall be available to the DISTRICT or DISTRICT's authorized representative at mutually convenient times.

ARTICLE VII REPORTS AND/OR OTHER DOCUMENTS

1. The reports and/or other documents that are prepared, reproduced, maintained and/or managed by the CONSULTANT or CONSULTANT's consultants in accordance with this AGREEMENT (regardless of medium, format, etc.) shall be and remain the property of the DISTRICT (hereinafter "PROPERTY"). The DISTRICT may provide the CONSULTANT with a written request for the return of its PROPERTY at any time. Upon CONSULTANT's receipt of the DISTRICT's written request, CONSULTANT shall return the requested PROPERTY to the DISTRICT within five (5) calendar days. Failure to comply with any such written request shall be deemed a material breach of this AGREEMENT.

ARTICLE VIII INDEMNITY & INSURANCE

- 1. To the fullest extent permitted by law, CONSULTANT agrees to indemnify, and hold DISTRICT entirely harmless from all liability arising out of:
 - a. <u>Workers' Compensation and Employers Liability</u>: Any and all claims under Workers' Compensation acts and other employee benefit acts with respect to CONSULTANT's employees or CONSULTANT's subconsultant's employees arising out of CONSULTANT's work under this AGREEMENT; and
 - b. <u>General Liability</u>: Liability for damages for (1) death or bodily injury to person; (2) injury to, loss or theft of property; (3) any failure or alleged failure to comply with any provision of law or (4) any other loss, damage or expense arising under either (1), (2), or (3) above, sustained by the CONSULTANT or the DISTRICT, or any person, firm or corporation employed by the CONSULTANT or the DISTRICT upon or in connection with the PROJECT, except for liability resulting from the sole or active negligence, or willful misconduct of the DISTRICT, its officers, employees, agents or independent consultants who are directly employed by the DISTRICT;
 - c. <u>Professional Liability</u>: Any loss, injury to or death of persons or damage to property caused by any act, neglect, default or omission of the CONSULTANT, or any person, firm or corporation employed by the CONSULTANT, either directly or by independent contract, including all damages due to loss or theft, sustained by any person, firm or corporation including the DISTRICT, arising out of, or in any way connected with the services performed by CONSULTANT in accordance with this AGREEMENT, including injury or damage either on or off DISTRICT property; but not for any loss, injury, death or damages caused by the sole or active negligence, or willful misconduct of the DISTRICT.
 - d. The CONSULTANT, at its own expense, cost, and risk, shall defend any and all claims, actions, suits, or other proceedings, arising out of Article VIII, Paragraphs 1 (a) and (b) above, that may be brought or instituted against the DISTRICT, its officers, agents or employees, on any such claim or liability, and shall pay or satisfy any judgment that may be rendered against the DISTRICT, its officers, agents or employees in any action, suit or other proceedings as a result thereof.
 - e. The PARTIES understand and agree that Article VIII, Section 1 of this AGREEMENT shall be the sole indemnity, as defined by California Civil Code §2772, governing this AGREEMENT. Any other indemnity that is attached to this AGREEMENT as an Exhibit shall be void and unenforceable between the PARTIES.

- f. Any attempt to limit the CONSULTANT's liability to the DISTRICT in an attached Exhibit shall be void and unenforceable between the PARTIES. In no event shall the CONSULTANT's liability be limited to any amount including, but not limited to, the amount of fees received by the CONSULTANT for performing services related to this AGREEMENT.
- 2. CONSULTANT shall purchase and maintain policies of insurance with an insurer or insurers, qualified to do business in the State of California and acceptable to DISTRICT which will protect CONSULTANT and DISTRICT from claims which may arise out of or result from CONSULTANT's actions or inactions relating to the AGREEMENT, whether such actions or inactions be by themselves or by any subconsultant or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable. The aforementioned insurance shall include coverage for:
 - a. The CONSULTANT shall carry Workers' Compensation and Employers Liability Insurance in accordance with the laws of the State of California. However, such amount shall not be less than ONE MILLION DOLLARS (\$1,000,000).
 - b. Comprehensive general and auto liability insurance with limits of not less than ONE MILLION DOLLARS (\$1,000,000) combined single limit, bodily injury and property damage liability per occurrence, including:
 - 1. Owned, non-owned and hired vehicles;
 - 2. Blanket contractual;
 - 3. Broad form property damage;
 - 4. Products/completed operations; and
 - 5. Personal injury.
 - c. Professional liability insurance, including contractual liability, with limits of ONE MILLION DOLLARS (\$1,000,000), per claim. Such insurance shall be maintained during the term of this AGREEMENT and renewed for a period of at least five (5) years thereafter and/or at rates consistent with the time of execution of this AGREEMENT adjusted for inflation. In the event that CONSULTANT subcontracts any portion of CONSULTANT's duties, CONSULTANT shall require any such subconsultant to purchase and maintain insurance coverage as provided in this subparagraph. Failure to maintain professional liability insurance is a material breach of this AGREEMENT and grounds for immediate termination.
 - d. Each policy of insurance required in Article VIII, Section 2 (b) above shall name DISTRICT and its officers, agents and employees as additional insureds; shall state that, with respect to the operations of CONSULTANT hereunder, such policy is primary and any insurance carried by DISTRICT is excess and non-contributory with such primary insurance; shall state that not less than thirty (30) days written notice shall be given to DISTRICT prior to cancellation; and, shall waive all rights of subrogation. CONSULTANT shall notify DISTRICT in the event of material change in, or failure to renew, each policy. Prior to commencing work, CONSULTANT shall deliver to DISTRICT certificates of insurance as evidence of compliance with the requirements herein. In the event CONSULTANT fails to secure or maintain any policy of insurance required hereby, DISTRICT may, at its sole discretion, secure such policy of insurance in the name of and for the account of CONSULTANT, and in such event CONSULTANT shall reimburse DISTRICT upon demand for the cost thereof.

ARTICLE IX MISCELLANEOUS

- 1. CONSULTANT, in the performance of this AGREEMENT, shall be and act as an independent contractor. CONSULTANT understands and agrees that CONSULTANT and all of CONSULTANT's employees shall not be considered officers, employees or agents of the DISTRICT, and are not entitled to benefits of any kind or nature normally provided employees of the DISTRICT and/or to which DISTRICT's employees are normally entitled, including, but not limited to, State Unemployment Compensation or Workers' Compensation. CONSULTANT assumes the full responsibility for the acts and/or omissions of CONSULTANT's employees or agents as they relate to the services to be provided under this AGREEMENT. CONSULTANT shall assume full responsibility for payment of any applicable prevailing wages and all federal, state and local taxes or contributions, including unemployment insurance, social security and income taxes for the respective CONSULTANT's employees.
- 2. Nothing contained in this AGREEMENT shall create a contractual relationship with or a cause of action in favor of any third party against either the DISTRICT or CONSULTANT.
- 3. The DISTRICT and CONSULTANT, respectively, bind themselves, their partners, officers, successors, assigns and legal representatives to the other PARTY to this AGREEMENT with respect to the terms of this AGREEMENT. CONSULTANT shall not assign this AGREEMENT.
 - 4. This AGREEMENT shall be governed by the laws of the State of California.
- 5. This AGREEMENT shall not include or incorporate the terms of any general conditions, conditions, master agreement or any other boilerplate terms or form documents prepared by the CONSULTANT. The attachment of any such document to this AGREEMENT as **EXHIBIT** "A" shall not be interpreted or construed to incorporate such terms into this AGREEMENT unless the DISTRICT approves of such incorporation in a separate writing signed by the DISTRICT. Any reference to such boilerplate terms and conditions in the proposal or quote submitted by the CONSULTANT shall be null and void and have no effect upon this AGREEMENT. Proposals, quotes, statement of qualifications and other similar documents prepared by the CONSULTANT may be incorporated into this AGREEMENT as **EXHIBIT** "A" but such incorporation shall be strictly limited to those portions describing the CONSULTANT's scope of work, rate and price schedule and qualifications.
- 6. The PARTIES have had the opportunity to, and have to the extent each deemed appropriate, obtained legal counsel concerning the content and meaning of this AGREEMENT. Each of the PARTIES agrees and represents that no promise, inducement or agreement not herein expressed has been made to effectuate this AGREEMENT. This AGREEMENT represents the entire AGREEMENT between the DISTRICT and CONSULTANT and supersedes all prior negotiations, representations or agreements, either written or oral. This AGREEMENT may be amended or modified only by an agreement in writing signed by both the DISTRICT and the CONSULTANT.
- 7. The rule of construction that any ambiguities are to be resolved against the drafting PARTY shall not be employed in the interpretation of this AGREEMENT. It is expressly understood and agreed that the PARTIES to this AGREEMENT have participated equally, or have had equal opportunity to participate, in the drafting hereof.
 - 8. Time is of the essence with respect to all provisions of this AGREEMENT.
- 9. If either PARTY becomes involved in litigation arising out of this AGREEMENT or the performance thereof, each PARTY shall bear its own litigation costs and expenses, including reasonable attorney's fees.
- 10. All exhibits referenced herein and attached hereto shall be deemed incorporated into and made a part of this AGREEMENT by each reference as though fully set forth in each instance in the text

hereof unless otherwise excluded by the terms of this AGREEMENT. In the event that the provisions of any exhibit conflict with the terms of this AGREEMENT, the terms of this AGREEMENT shall control.

- 11. This AGREEMENT may be executed in any number of counterparts, each of which shall be deemed an original, and the counterparts shall constitute one and the same instrument, all of which shall be sufficient evidence of this AGREEMENT.
- 12. Confidentiality. The CONSULTANT shall not disclose or permit the disclosure of any confidential information, except to its agents, employees and other consultants who need such confidential information in order to properly perform their duties relative to this AGREEMENT.
- 13. Severability. If any portion of this AGREEMENT is held as a matter of law to be unenforceable, the remainder of this AGREEMENT shall be enforceable without such provisions.
- 14. Notices. All notices or demands to be given under this AGREEMENT by either PARTY to the other shall be in writing and given either by: (a) personal service; or (b) by U.S. Mail, mailed either by registered, overnight, or certified mail, return receipt requested, with postage prepaid. Service shall be considered given when received if personally served or if mailed on the fifth day after deposit in any U.S. Post Office. The address to which notices or demands may be given by either PARTY may be changed by written notice given in accordance with the notice provisions of this Paragraph. At the date of this AGREEMENT, the addresses of the PARTIES are as follows:

To the DISTRICT:
Mt. San Jacinto Community College District
Attn: Beth Gomez
1499 N. State Street

San Jacinto, CA 92583

Telephone:

To the CONSULTANT:

<<Name of Contractor>>

Attn: <<Name>>

<< Address>>

<<City, State, Zip>>

Telephone:

Email:

- 15. Tobacco Prohibited. Any tobacco use (smoking, chewing, etc.) by anyone, is prohibited at all times on any DISTRICT property.
- 16. Profanity on any DISTRICT property is prohibited, including, but not limited to, racial, ethic, or sexual slurs or comments which could be considered harassment.
- 17. Appropriate dress is mandatory. Therefore, tank tops, cut-offs and shorts are not allowed. Additionally, what is written or pictured on clothing must comply with the requirements of acceptable language as stated above in Paragraph 16.
- 18. Images. If applicable, the CONSULTANT is prohibited from capturing on any visual medium images of any property, logo, student, or employee of the DISTRICT, or any image that represents the DISTRICT without express written consent from the DISTRICT.
- 19. Prevailing Wages. If applicable and required, CONSULTANT shall pay, and shall cause all subconsultants of every tier to pay, not less than the specified prevailing wage rates, to the extent applicable, to all workers employed to perform work or services under this AGREEMENT. CONSULTANT shall fully indemnify and defend the DISTRICT from any claims arising from CONSULTANT's failure to meet and prevailing wage requirements.

20. In accordance with California Education Code section 81655, this AGREEMENT is not a valid or enforceable obligation against the DISTRICT until approved or ratified by motion of the Governing Board of the DISTRICT duly passed and adopted.

The PARTIES, through their authorized representatives, have executed this AGREEMENT as of the day and year first written above.

< <name consultant="" of="">></name>	MT. SAN JACINTO COMMUNITY COLLEGE DISTRICT
Ву	By:
Print Name	Beth Gomez:
Title	Vice President, Business Services
Date	Date
Address_	
Phone_	
Fax	
Tax ID#	
Email	

EXHIBIT "A"

CONSULTANT 'S WORK PLAN, SCOPE OF SERVICES, AND COMPENSATION

- MINIMUM STUD PROPERTIES SHALL BE AS INDICATED ON PLANS.
- ALL SHEET METAL SCREWS SHALL CONSIST OF 'DARTS' BRAND SELF-DRILLING / SELF-TAPPING STEEL SCREWS (ICC ER-5202). INSTALLATION OF SCREWS SHALL BE IN CONFORMANCE WITH ICC REPORT # ER-5202 AND SHALL PROTRUDE THROUGH THE ATTACHED MEMBERS THREE FULL THREADS BEYOND THE ATTACHED MEMBERS.
- 7. AS A MINIMUM, ANCHOR STUD TRACKS WITH HILTI 0.145" DIAMETER X-DNI (ICBO # 2388) LOW VELOCITY POWDER DRIVEN INSERTS @ 16" OC OR APPROVED EQUAL. THE INSERTS SHALL HAVE A MINIMUM 1 1/2" EMBEDMENT INTO THE CONCRETE AND SHALL BE LOCATED A MINIMUM 3" FROM ANY CONCRETE EDGE. THE INSERTS SHALL BE PLACED ADJACENT TO EACH WALL STUD AT A MAXIMUM DISTANCE OF 2".
- CONTRACTOR SHALL COMPLY WITH ALL OF THE MANUFACTURER'S INSTALLATION SPECIFICATIONS AND RECOMMENDATIONS. ALL METAL STUDS SHALL HAVE STIFFENED FLANGES. SEE DRAWINGS FOR SPECIFIC DETAILS ON CONNECTIONS, BRACING, BRIDGING, ETC. CONTRACTOR SHALL PROVIDE ALL ACCESSORIES INCLUDING. BUT NOT LIMITED TO, TRACKS, CLIPS, AND OTHER ACCESSORIES REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, AND AS RECOMMENDED BY THE MANUFACTURER FOR THE STEEL MEMBERS USED.
- 9. ALL METAL STUDS TO BE MANUFACTURED BY MEMBERS OF THE STEEL STUD MANUFACTURER'S ASSOCIATION, SSMA (ICBO #4943P), U.N.O.

STRUCTURAL OBSERVATION:

- 1. THE STRUCTURAL ENGINEER OF RECORD OR ONE OF HIS/HER QUALIFIED REPRESENTATIVES IS REQUIRED TO PERFORM PERIODIC STRUCTURAL OBSERVATION OF THE STRUCTURAL SYSTEM DURING CONSTRUCTION IN ACCORDANCE WITH THE CODE. THE CONTRACTOR IS RESPONSIBLE FOR FACILITATING A TIMELY AND SAFE ACCESS TO THE STRUCTURAL ELEMENTS TO BE OBSERVED.
- 2. AS PER THE CODE REQUIREMENTS, A MEETING BETWEEN THE STRUCTURAL ENGINEER OF RECORD, THE GENERAL CONTRACTOR, AFFECTED SUBCONTRACTORS AND DEPUTY INSPECTORS, SHALL BE PLANNED AND CONDUCTED PRIOR TO START OF CONSTRUCTION. THE PURPOSE OF THE MEETING SHALL BE TO IDENTIFY THE MAJOR STRUCTURAL ELEMENTS AND CONNECTIONS THAT ARE EFFECTED BY THE STRUCTURAL OBSERVATION REQUIREMENTS, AND TO REVIEW SCHEDULING OF THE REQUIRED OBSERVATIONS. A RECORD OF THE MEETING WILL BE INCLUDED IN THE FIRST OBSERVATION REPORT SUBMITTED TO THE BUILDING INSPECTOR, AS REQUIRED BY THE CODE.
- 3. IN GENERAL, THE STRUCTURAL OBSERVER IS REQUIRED TO PERFORM SITE VISITS AT THOSE STEPS IN THE PROGRESS OF THE WORK THAT ALLOW FOR CORRECTION OF DEFFICIENCIES WITHOUT SUBSTANTIAL EFFORT FOR UNCOVERING OF THE WORK INVOLVED. AT A MINIMUM, THE FOLLOWING SIGNIFICANT CONSTRUCTION STAGES REQUIRE A SITE VISIT AND AN OBSERVATION REPORT FROM THE STRUCTURAL ENGINEER:
 - A) PERIODIC OBSERVATION OF FOUNDATION EXCAVATIONS
 - B) PERIODIC OBSERVATION OF PLACEMENT OF REINFORCING STEEL IN FOOTINGS, SLABS AND WALLS.
 - C) PERIODIC OBSERVATION OF THE PLACEMENT OF CONCRETE IN FOOTINGS, SLABS AND WALLS.
 - D) PERIODIC OBSERVATION OF ERECTION OF STRUCTURAL STEEL.
 - E) PERIODIC OBSERVATION OF WELDING AND BOLTING OF CONNECTIONS.
- 4. COPIES OF EACH OBSERVATION REPORT, SIGNED AND STAMPED BY THE STRUCTURAL ENGINEER, WILL BE SENT TO THE BUILDING INSPECTOR'S OFFICE, TO THE OWNER, TO THE DEPUTY INSPECTOR, AND TO THE GENERAL CONTRACTOR. A COPY OF EACH OF THESE REPORTS SHALL BE ATTACHED TO THE APPROVED PLANS.
- 5. A FINAL OBSERVATION REPORT MUST BE SUBMITTED WHICH SHOWS THAT ALL OBSERVED DEFICIENCIES WERE RESOLVED AND THE STRUCTURAL SYSTEM GENERALLY CONFORMS WITH THE APPROVED PLANS AND SPECIFICATIONS. THE DEPARTMENT OF BUILDING AND SAFETY WILL NOT ACCEPT THE STRUCTURAL WORK WITHOUT THIS FINAL OBSERVATION

MASONRY

- CONCRETE BLOCK SHALL BE HOLLOW LOAD-BEARING CONCRETE MASONRY UNITS CONFORMING TO ASTM C-90, GRADE N. MEDIUM WEIGHT UNITS. USE OPEN END
- UNITS FOR STACKED BOND PATTERN. CEMENT SHALL BE AS SPECIFIED FOR CONCRETE.
- REINFORCING BARS SEE NOTES UNDER "REINFORCING STEEL" FOR REQUIREMENTS.
- MORTAR SHALL BE TYPE S WITH PROPORTIONS OF 4-1/2 PARTS SAND, 1/2PART HYDRATED LIME, 1 PART PORTLAND CEMENT AND SHALL COMPLY WITH UBC STD. 21-15. MORTAR SHALL HAVE A 28 DAY STRENGTH OF 2500 PSI MINIMUM. MORTAR COMPONENT TESTS ARE NOT REQUIRED.
- GROUT SHALL CONSIST OF 3 PARTS SAND, 2 PARTS PEA GRAVEL, AND 1 PART PORTLAND CEMENT, AND SHALL COMPLY WITH UBC STD. 21-14. GROUT COMPONENT TESTS ARE NOT REQUIRED.
- PROVIDE A MINIMUM OF 1/2" CLEAR BETWEEN MAIN REINFORCING AND MASONRY UNITS.
- ALL CELLS SHALL BE GROUTED SOLID.
- DESIGN f'm = 1500 PSI FOR CMU CONSTRUCTION, AS PER TABLE 21 D. OF THE CODE. PRISM TESTING SHALL BE PERFORMED AS PER THE REQUIREMENTS OF THE CODE, SECTION 2105.3.3.

DEFERRED SUBMITTALS/DESIGN-BUILD ITEMS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF THE FOLLOWING LIST OF DESIGN-BUILD ITEMS NOT DESIGNED BY KPFF CONSULTING ENGINEERS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND STRUCTURAL CALCULATIONS SIGNED BY AND BEARING THE SEAL OF A REGISTERED CIVIL OR STRUCTURAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA FOR REVIEW BY THE ARCHITECT AND KPFF CONSULTING ENGINEERS. AFTER A REVIEW FOR GENERAL CONFORMANCE WITH THE DESIGN INTENT BY THE ARCHITECT AND KPFF CONSULTING ENGINEERS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REQUIRED SUBMITTAL AND APPROVALS BY THE BUILDING DEPARTMENT. PRE-APPROVED STANDARD DETAILS MAY BE USED PROVIDED THEY ARE AN ACCEPTABLE APPROVED STANDARD BY THE GOVERNING BUILDING OFFICIAL AND APPLICABLE CODE FOR THIS PROJECT.

1. GLASS CURTAIN WALL, WINDOW WALL, STOREFRONT 2. EXTERIOR METAL PALNEL WALL SYSTEM AND FRAMING 3. ELEVATOR GUIDE RAILS 4. EQUIPMENT ANCHORAGE

THE DESIGN OF THESE ELEMENTS SHALL COMPLY WITH THE GOVERNING CODE FOR THIS PROJECT AND ALL PROJECT SPECIFICATIONS AND CRITERIA INDICATED ON THE CONSTRUCTION DOCUMENTS. ADDITIONAL SUPPORT FRAMING, BRACING, STIFFENER PLATES. AND/OR OTHER STABILIZING ELEMENTS SHALL BE PROVIDED AT CONNECTIONS TO THE MAIN STRUCTURE TO PREVENT ECCENTRIC LOADING, TWISTING, WARPING, ROTATION, AND/OR TORSION OF THE MAIN STRUCTURAL MEMBERS. THE DESIGN OF THESE ELEMENTS SHALL MAKE PROVISIONS FOR ACCOMODATING THE APPROPRIATE SEISMIC/WIND FORCES AND DISPACEMENTS AS WELL AS FLOOR DEFLECTIONS DUE TO GRAVITY LOADS OF THE MAIN STRUCTURE.

DESIGN CRITERIA FOR EXTERIOR WALL SYSTEMS DESIGN:

5. DUCTS, PIPES, ELECTRICAL TRAYS, ETC.

- A. ACCOMODATE A MAXIMUM INELASTIC RESPONSE DISPLACEMENT (INTER-STORY DRIFT) \(m = 3.8"
- B. ALLOW FOR A MAXIMUM FLOOR/ROOF LIVE LOAD DEFLECTION \(\sum_{VERT} = \)
 - = l/360 (FOR TYPICAL BEAMS)
 - = ½" (FOR BEAMS AT BLDG EXTERIOR)

STRUCTURAL STEEL

- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED BY AN APPROVED AND LICENSED FABRICATOR IN ACCORDANCE WITH THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS (LATEST EDITION), AND WITH CHAPTER 22 OF THE CODE.
- ALL STRUCTURAL STEEL SHALL CONFORM TO THE ASTM DESIGNATION AS INDICATED BELOW (UNO): WF SHAPES, WT SHAPES

A992 OR

A572, GRADE 50

(MULTI-CERT)

PLATES	
U.N.O., CONNECTION PLATES, AND MISC.	A-36
PIPE COLUMNS	A-53, GRADE B
TUBE SECTIONS	A-500, GRADE B
BOLTS	A-325/A-490
BOLTS IN CONCRETE/MASONRY	A-307/A-449/A-3
ANGLES, CHANNELS	A-36

- THE STRUCTURAL STEEL FABRICATOR SHALL FURNISH SHOP DRAWINGS FOR ALL STEEL FOR ARCHITECTS AND STRUCTURAL ENGINFERS REVIEW AND APPROVAL BEFORE FABRICATION.
- BOLT HOLES USED IN STEEL SHALL BE 1/16" LARGER IN DIAMETER THAN
- NOMINAL SIZE OF BOLT USED, EXCEPT AS NOTED. ALL STRUCTURAL STEEL SURFACES THAT ARE ENCASED IN CONCRETE OR
- MASONRY, SPRAY ON FIREPROOFING, OR ARE ENCASED BY BUILDING FINISH, SHALL BE LEFT UNPAINTED. ALL WELDING IS TO BE DONE BY CERTIFIED WELDERS USING E70XX ELECTRODES (UNO). ALL WELDS SHALL BE IN CONFORMITY WITH THE PROJECT
- SPECIFICATIONS AND THE CODE FOR WELDING IN BUILDING CONSTRUCTION (AWS D1.1 LATEST REVISION) OF THE AMERICAN WELDING SOCIETY. SEE SPECIAL INSPECTIONS SECTION FOR WELDING INSPECTION REQUIREMENTS. WELD LENGTHS CALLED FOR ON PLANS ARE THE NET EFFECTIVE LENGTH
- REQUIRED. WHERE FILLET WELD SYMBOL IS GIVEN WITHOUT INDICATION OF SIZE, USE MINIMUM SIZE WELDS AS SPECIFIED IN AISC MANUAL OF STEEL CONSTRUCTION 9TH EDITION, SECTION J2.
- ALL EXPOSED STRUCTURAL STEEL AND MISCELLANEOUS METAL SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
- 9. THE USE OF E70T-4 WELDING WIRE IS NOT PERMITTED.
- 10. ALL WELD FILLER MATERIAL SPECIFIED AS "NOTCH TOUGH" SHALL HAVE A MINIMUM
- CHARPY-V NOTCH (CVN) VALUE OF 20 FT-LBS AT A TEMPERATURE OF -20° F. 11. 100% UT TEST FOR ALL COMPLETE PENETRATION GROOVE WELDS.
- 12. THE SEISMIC DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL SHALL BE ACCORDANCE WITH PART I (LRFD) AND PART III (ASD) OF THE SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS, APRIL 15, 1997, PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC). THESE PROVISIONS SHALL BE APPLIED IN CONJUNCTION WITH CHAPTER 22, DIVISION II 91.2210.
- DISCONTINUITIES IN WELD CREATED BY ERRORS OR BY FABRICATION OR ERECTION OPERATIONS, SUCH AS TACK WELDS, ERECTION AIDS, AIR ARC GOUGING AND FLAME CUTTING, SHALL BE REPAIRED AS REQUIRED BY THE ENGINEER OF RECORD.
- 14. FOR ARCHITECTURAL EXPOSED STRUCTURAL STEEL (AESS) SPECIFIED ON THE DRAWINGS, REFERENCE THE "AISC CODE OF STANDARD PRACTICE"

SPECIAL STEEL REQUIREMENTS (AISC 13TH EDITION)

- ALL ROLLED STEEL MEMBERS CONFORMING TO ASTM GROUP 4 OR GROUP 5 AND ALL PLATES EXCEEDING 2" IN THICKNESS FOR BUILT UP SECTIONS MUST COMPLY WITH THESE SPECIAL STEEL REQUIREMENTS, U.N.O.,
- ALL MEMBERS BELONGING TO LATERAL FORCE RESISTING FRAMES THAT ARE TO HAVE FULL PENETRATION GROOVE WELDS SHALL BE SUPPLIED WITH PART 16 NOTCH TESTING IN ACCORDANCE WITH ASTM A6 AS INDICATED AND MODIFIED BY SECTION A3.1C.
- ALL SPLICES IN HEAVY SECTIONS BELONGING TO LATERAL FORCE RESISTING FRAMES SHALL COMPLY WITH SECTION J1.5.
- BEAM COPES AND WELD ACCESS HOLES SHALL COMPLY WITH SECTION
- 5. ALL WELD MATERIAL SHALL COMPLY WITH SECTION J2.6, AND J2.7.
- 6. THE THERMAL CUTTING OF ALL MEMBERS SHALL COMPLY WITH SECTION

STEEL DECK

ROOF AND FLOOR DECKS SHALL BE AS NOTED ON THE DRAWINGS. PROPERTIES ARE AS FOLLOWS:

DECK SIZE AND GAUGE	(in4)	S (in3)
3" X 20 GA DECK	.896	.534
1 1/2" X 20 GA DECK	0.216	.235
1 1/2" X 18 GA DECK	0.302	.322

- DECK SHOP DRAWINGS SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION AND SHALL INDICATE STUD LAYOUT.
- THE AMERICAN IRON AND STEEL INSTITUTE "SPECIFICATIONS FOR THE DESIGN OF LIGHT GAUGE STEEL STRUCTURAL MEMBERS" SHALL GOVERN THE DESIGN OF ALL DECK UNITS, STEEL DECK AND ALL OF ITS CLOSURES AND FLASHINGS SHALL CONFORM TO ASTM A653, GRADE 38, FY 38,000 PSI
- ACCEPTABLE STEEL DECK MANUFACTURERS ARE AS FOLLOWS: VERCO MANUFACTURING, INC. (ICBO #2078) H.H. ROBERTSON COMPANY (ICBO #2739) ASC PACIFIC (ICBO #2757)
- UNITS SHALL BE CONTINUOUS OVER THREE OR MORE SPANS, EXCEPT WHERE THE FRAMING DOES NOT PERMIT. SHORING MAY BE REQUIRED AT NON-CONTINUOUS SPANS, DECK SHOP DRAWINGS SHALL INDICATE WHERE SHORING WILL BE REQUIRED. DECK SHALL BEAR 2" MINIMUM AT ALL SUPPORTS.
- ALL WELDING OF STEEL DECK SHALL BE DONE BY CERTIFIED LIGHT GAGE WELDERS IN ACCORDANCE WITH AWS "SPECIFICATIONS FOR WELDING SHEET STEEL IN STRUCTURES", AWS D1.3-81.
- UNITS SHALL BE FASTENED TO THE STEEL SUPPORTS AT THE END OF THE UNITS AND AT INTERMEDIATE SUPPORTS AND TO THE STEEL SUPPORTS AT THE SIDE BOUNDARIES BY 3/4" DIAMETER PUDDLE WELDS AT 1'-0" O.C. SHEAR STUDS WELDED THROUGH DECK MAY BE USED IN PLACE OF 3/4" DIAMETER PUDDLE WELDS.
- THE SIDE LAPS OF ADJACENT UNITS SHALL BE FASTENED BETWEEN SUPPORTS BY BUTTON PUNCHING AT 3'-0" O.C. MAX. CONTRACTOR MAY DECREASE SPACING OF SIDE LAP ATTACHMENTS TO ACCOMMODATE CONSTRUCTION LOADING AS REQUIRED.
- PROVIDE FLASHING AND CLOSURE PLATES AT ENDS OF ALL UNITS. AROUND COLUMNS, AND AT ALL PERIMETER LOCATIONS REQUIRING CONCRETE.

METAL STUDS

- 1. ALL LIGHTGAGE METAL FRAMING SHALL BE AS NOTED BELOW:
- EXTERIOR STUDS: GALVANIZED
- ALL LIGHTGAGE METAL FRAMING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AISI "SPECIFICATIONS FOR DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS" LATEST EDITION.
- 3. ALL LIGHTGAGE METAL FRAMING SHALL CONFORM WITH THE FOLLOWING: GALVANIZED STUDS: ASTM A653, GRADE 50 12, 14 AND 16 GAGE Fy = 50,000 psi

(Fy = 33,000 psi)

GALVANIZED STUDS: ASTM A653, GRADE 33 18 AND 20 GAGE (Fy = 33,000 psi)GALVANIZED TRACK END CLOSURES, BRIDGING ASTM A653, GRADE 33

AND ACCESSORIES

- REINFORCING STEEL (FOR CONCRETE AND MASONRY)
- REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 19 OF THE CODE, ASTM A615, GRADE 60 UNO.
- 2. BARS SHALL BE CLEAN OF RUST, GREASE, OR OTHER MATERIALS LIKELY TO IMPAIR BOND. ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185. PROVIDE LAPS AS PER THE CODE SECTION 1912.19, 9" MINIMUM. WWF SHALL BE SUPPORTED ON APPROVED CHAIRS.
- REINFORCING BAR SPLICES SHALL BE MADE AS INDICATED ON THE DRAWINGS. MINIMUM SPLICE LENGTH FOR REINFORCING STEEL BARS IN MASONRY SHALL BE 40 BAR DIAMETERS, 24" MINIMUM. MINIMUM SPLICE LENGTH FOR REINFORCING STEEL BARS IN CONCRETE SHALL BE AS PER THE CODE SECTION 1912. LAP ALL HORIZONTAL BARS AT CORNERS AND INTERSECTIONS, STAGGER ALL SPLICES UNLESS NOTED OTHERWISE ON PLANS.
- ALL BARS SHALL BE MARKED SO THEIR IDENTIFICATION CAN BE MADE WHEN THE FINAL IN-PLACE INSPECTION IS MADE.
- WHERE WELDING OF REINFORCING IS APPROVED BY THE STRUCTURAL ENGINEER, IT SHALL BE DONE BY AWS CERTIFIED WELDERS USING E90XX OR APPROVED ELECTRODES. WELDING PROCEDURES SHALL CONFORM TO THE REQUIREMENTS OF STRUCTURAL WELDING CODE- REINFORCING STEEL" AWS-D1.4. LATEST REVISION. REINFORCING BARS TO BE WELDED SHALL
- CONFORM TO THE REQUIREMENTS OF ASTM A-706 BARS IN SLABS SHALL BE SECURELY SUPPORTED ON WELL-CURED CONCRETE BLOCKS OR APPROVED METAL CHAIRS, PRIOR TO PLACING CONCRETE. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE "A.C.I.

MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE

- STRUCTURES", LATEST EDITION. COMPLETE AND DETAILED REINFORCING PLACEMENT DRAWINGS SHALL BE PREPARED AND SUBMITTED TO THE ARCHITECT FOR APPROVAL BY THE STRUCTURAL ENGINEER PRIOR TO FABRICATION IN ACCORDANCE WITH THE SPECIFICATIONS AND APPLICABLE CODES. THESE DRAWINGS SHALL BE AVAILABLE ON THE JOB SITE PRIOR TO PLACING OF CONCRETE.
- MILL TEST REPORTS FOR GRADE 60 BARS SHALL BE SUBMITTED PRIOR TO PLACEMENT OF CONCRETE.
- CONTINUOUS INSPECTION OF CONCRETE SHALL INCLUDE INSPECTION DURING INSTALLATION OF REINFORCING STEEL. INSPECTION SHALL BE SCHEDULED SO THAT PLACEMENT OF REINFORCING STEEL, CONDUIT, SLEEVES, AND EMBEDDED ITEMS MAY BE CORRECTED PRIOR TO PLACEMENT OF OVERLYING GRIDS OR REINFORCING STEEL.
- ALL GRADE 60 REINFORCING STEEL SHALL BE CLEARLY MARKED TO DIFFERENTIATE THEM FROM GRADE 40 REINFORCING STEEL IF CONCURRENTLY ON SITE.
- CONCRETE PROTECTION FOR REINFORCEMENT
 - (i) CAST-IN-PLACE CONCRETE (NON-PRESTRESSED). THE FOLLOWING

MIMIMOM	CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEM	IENI:	
	MINI	MUM COVER,	IN.
Α.	CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3	
В.	CONCRETE EXPOSED TO EARTH OR WEATHER: NO. 6 THROUGH NO. 18 BAR NO 5 BAR, W31 OR D31 WIRE & SMALLER	2 1 1/2	
C.	CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: SLABS, WALLS, JOISTS: NO. 14 AND NO. 18 BAR NO. 11 BAR & SMALLER	1 1/2 1	
	BEAMS, COLUMNS:		

CONCRETE

1. ALL CONCRETE CONSTRUCTION SHALL CONFORM WITH CHAPTER 19 OF THE CODE AND WITH THE PROVISIONS OF ACI 318, LATEST EDITION.

1 1/2

PRIMARY REINFORCEMENT TIES, STIRRUPS.

- REINFORCED CONCRETE IS DESIGNED BY THE "ULTIMATE STRENGTH DESIGN
- CONCRETE MIXES SHALL BE DESIGNED BY THE APPROVED TESTING LABORATORY AND APPROVED BY THE STRUCTURAL ENGINEER. THE COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE PROPORTIONED BASED ON SECTION 1905 OF THE CODE.

4.	SCHEDULE OF STRUCTURAL CONCRETE	E 28-DAY	STRENGTH	AND TYPES	S (UNO):
	LOCATION IN STRUCTURE	MIN STRENGTH (PSI)	MAX DENSITY (PCF)	MAX SLUMP (IN)	MAX WATER/CEME RATIO
	CONCRETE FLOOR SLABS OVER METAL DECK	4000	110	4	0.50
	ALL CONCRETE FOOTINGS AND GRADE BEAMS	4000	150	4	0.50
	ALL CONCRETE WALLS, COLUMNS, BEAMS AND SLABS	4000	150	4	0.50
	SLAB ON GRADE, STAIRS ON GRADE, CURBS, AND OTHER NON-STRUCTURAL CONCRETE.	3000 L	150	4	0.55

- PORTLAND CEMENT SHALL CONFORM TO ASTM C-150, TYPE II. AGGREGATE FOR HARDROCK CONCRETE SHALL CONFORM TO ALL REQUIREMENTS AND TESTS OF ASTM C-33 AND PROJECT SPECIFICATIONS. EXCEPTIONS MAY BE USED ONLY WITH PERMISSION OF THE STRUCTURAL ENGINEER.
- AGGREGATE FOR LIGHT WEIGHT (110PCF) CONCRETE SHALL BE EXPANDED SHALE CONFORMING TO ASTM A330 AND PROJECT SPECIFICATIONS. EXCEPTIONS MAY BE USED ONLY WITH PERMISSION OF THE STRUCTURAL ENGINEER.

CONCRETE MIXING OPERATION, ETC. SHALL CONFORM TO ASTM C-94.

- PLACEMENT OF CONCRETE SHALL CONFORM TO CODE SECTION 1905 AND PROJECT SPECIFICATIONS. CLEAN AND ROUGHEN TO 1/4" AMPLITUDE ALL CONCRETE SURFACES AGAINST WHICH NEW CONCRETE IS TO BE PLACED.
- ALL REINFORCING BARS, ANCHOR BOLTS AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE.
- PROVIDE SLEEVES FOR PLUMBING AND ELECTRICAL OPENINGS IN CONCRETE BEFORE PLACING. DO NOT CUT ANY REINFORCING WHICH MAY CONFLICT. CORING IN CONCRETE IS NOT PERMITTED. NOTIFY THE STRUCTURAL ENGINEER IN ADVANCE OF CONDITIONS NOT SHOWN ON THE DRAWINGS. SEE THESE DRAWINGS FOR ADDITIONAL RESTRICTIONS ON THE PLACEMENT OF OPENINGS IN SLABS AND WALLS.
- 12. PIPES LARGER THAN 1-1/2" DIAMETER SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE EXCEPT WHERE SPECIFICALLY APPROVED BY STRUCTURAL ENGINEER. PIPES SHALL NOT DISPLACE OR INTERRUPT REINFORCING BARS, SPACE EMBEDDED PIPES AND SLEEVES AT A MINIMUM OF 3 DIAMETERS.

SPECIAL INSPECTIONS

- THE FOLLOWING ELEMENTS OF CONSTRUCTION SHALL HAVE CONTINUOUS INSPECTION BY A REGISTERED BUILDING INSPECTOR APPROVED BY THE CITY OF TEMECULA. 1. CONCRETE.
- BOLTS INSTALLED IN CONCRETE. PLACING OF REINFORCING STEEL AND PRESTRESSING STEEL.
- A. ALL STRUCTURAL FIELD WELDING, AND REINFORCING STEEL.
- 5. HIGH STRENGTH BOLTING.

MODULUS OF SUBGRADE

STRUCTURAL MASONRY.

4. WELDING:

SEE GEOTECHNICAL ENGINEER'S REPORT FOR SPECIFIC INSPECTION REQUIREMENTS BY SOILS ENGINEER'S REPRESENTATIVE.

ALL SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1701 OF THE CODE AND ANY ADDITIONAL REQUIREMENTS STATED IN THESE DRAWINGS AND/OR THE PROJECT SPECIFICATIONS.

- FOUNDATION DESIGN BASED ON SOILS REPORTS BY PETRA GEOTECHNICAL INC. REPORT J.N. 158-06, DATED MAY 2, 2006 AND REPORT J.N. 159-06, DATED MAY 3, 2006.
- FOOTINGS ARE DESIGNED BASED ON THE FOLLOWING INFORMATION: ALLOWABLE BEARING*:

SPREAD FOOTING =	3000	PSF
WALL FOOTING =	3000	PSF
MAT FOUNDATION =	6000	PSF AVERAGE BEARING PRESSURE
PASSIVE EARTH PRESSURE*	= 250	PCF WITH MAX OF
COEFFICIENT OF FRICTION	= 0.4	2000 1 01

- REACTION = <u>200</u> PCI * ALLOWABLE BEARING AND PASSIVE EARTH PRESSSURE MAY BE INCREASED
- BY 1/3 FOR WIND AND SEISMIC LOAD CASES. FOOTINGS SHALL BEAR ON FIRM NATURAL SOILS OR PROPERLY COMPACTED FILL WHICH MEETS THE REQUIREMENTS OF THE SOILS REPORTS. MINIMUM DEPTH OF SPREAD & WALL FOOTINGS BELOW LOWEST ADJACENT FINAL GRADE SHALL BE 24". MINIMUM WIDTH OF FOOTING SHALL BE 18".
- REFER TO SOILS REPORTS FOR OVER EXCAVATION REQUIREMENTS CONTRACTOR TO PROVIDE FOR DE-WATERING OF EXCAVATIONS FROM EITHER SURFACE WATER, GROUND WATER OR SEEPAGE, IF REQUIRED.
- CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF ALL CRIBBING, SHEATHING AND SHORING REQUIRED AND SHALL BE SOLFLY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL SAFETY ORDINANCES.
- EXCAVATION FOR FOOTINGS SHALL BE APPROVED BY THE INSPECTOR OR SOILS ENGINEER PRIOR TO PLACING THE CONCRETE AND REINFORCING. CONTRACTOR TO NOTIFY THE INSPECTOR WHEN INSPECTION OF EXCAVATION IS READY. INSPECTOR TO SUBMIT LETTER OF COMPLIANCE.
- ALL EXCAVATIONS SHALL BE PROPERLY BACKFILLED. DO NOT PLACE BACKFILL BEHIND RETAINING WALLS BEFORE CONCRETE OR GROUT HAS ATTAINED FULL DESIGN STRENGTH. CONTRACTORS SHALL BRACE OR PROTECT ALL BUILDING AND PIT WALLS BELOW GRADE FROM LATERAL LOADS UNTIL ATTACHING FLOORS ARE COMPLETELY IN PLACE AND HAVE ATTAINED FULL STRENGTH. CONTRACTOR SHALL PROVIDE FOR DESIGN, PERMITS AND INSTALLATION OF SUCH BRACING.
- FOUNDATIONS SHALL BE PLACED AND ESTIMATED ACCORDING TO DEPTHS SHOWN ON DRAWINGS. SHOULD SOIL ENCOUNTERED AT THESE DEPTHS NOT BE APPROVED BY THE INSPECTOR OR SOILS ENGINEER, FOUNDATION ELEVATIONS WILL BE ALTERED BY CHANGE ORDER.
- FOOTING BACKFILL AND UTILITY TRENCH BACKFILL WITHIN BUILDING AREA SHALL BE MECHANICALLY COMPACTED IN LAYERS IN ACCORDANCE WITH THE SOILS REPORT AND APPROVED BY THE SOILS ENGINEER. FLOODING WILL NOT BE PERMITTED. ALL FILLS USED TO SUPPORT FOUNDATIONS SHALL BE INSPECTED BY THE SOILS ENGINEER REPRESENTATIVE PER CODE SECTION 3317. VOLUME I.
- ALL ABANDONED FOOTINGS, UTILITIES, ETC. SHALL BE REMOVED UNLESS NOTED OTHERWISE. NEW FOOTINGS MUST EXTEND INTO UNDISTURBED SOILS. SLABS ON GRADE SHALL BE SUPPORTED ON NATURAL GRADE OR COMPACTED FILL AS PER THE RECOMMENDATIONS OF THE SOILS REPORT.

CONSTRUCTION JOINTS

- ALL CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CODE SECTION 1906.4 AND THE TYPICAL CONSTRUCTION JOINT DETAILS SHOWN ON THE STRUCTURAL DRAWINGS.
- ALL SURFACES OF CONSTRUCTION JOINTS SHALL BE CLEANED TO REMOVE DUST, CHIPS, OR OTHER FOREIGN MATTER PRIOR TO PLACING THE ADJACENT CONCRETE.
- THE CONTRACTOR SHALL SUBMIT THE PROPOSED LOCATIONS OF CONSTRUCTION JOINTS TO THE ENGINEER FOR APPROVAL BY THE STRUCTURAL ENGINEER BEFORE STARTING CONSTRUCTION.

- HEADED STUDS ALL HEADED STUDS WELDED TO BEAMS OR CONCRETE CONNECTIONS SHALL BE "TRUE-WELD STUDS", DIVISION OF TRU-FIT SCREW CORPORATION, CLEVELAND, OHIO OR "NELSON STUD" (ICC ER-2614), TRW FASTENERS AND ASSEMBLIES GROUP, LORAIN, OHIO, OR APPROVED EQUAL.
- ALL HEADED STUDS SHALL BE AUTOMATICALLY END WELDED IN SHOP OR FIELD WITH EQUIPMENT RECOMMENDED BY MANUFACTURER OF STUDS.
- STEEL SHEAR STUDS MATERIAL, WELDING AND INSPECTION, SHALL BE IN ACCORDANCE WITH AWS "STRUCTURAL WELDING CODE", AWS D1.1. SECTION 7. ALL STUDS SHALL BE 3/4" DIAMETER X 5" LONG, SPACED AT 12" O.C. MAXIMUM, UNLESS NOTED OTHERWISE.

DEFORMED BAR ANCHOR STUDS

- 1. ALL DEFORMED BAR ANCHORS SHALL BE NELSON D2L DEFORMED BAR ANCHORS (ICC ER-5217) OR APPROVED EQUAL.
- 2. ALL DEFORMED BAR ANCHORS SHALL BE AUTOMATICALLY END WELDED IN SHOP OR FIELD WITH EQUIPMENT RECOMMENDED BY MANUFACTURER OF STUDS.

BAR ANCHOR MATERIAL, WELDING, AND INSPECTION SHALL BE IN ACCORDANCE

EXPANSION ANCHORS

1. ALL EXPANSION ANCHORS SHALL BE HILTI KWIK BOLT 3 (ICC ESR-1385) OR APPROVED EQUAL, INSTALL PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS OF ICC ES REPORT.

WITH AWS "STRUCTURAL WELDING CODE", AWS D1.1.

STRUCTURAL NOTES

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.

- ALL DRAWINGS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN. CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
- ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE FOLLOWING 2001 CBC AND LATEST REVISIONS REFERRED TO HERE AS "THE CODE" AND ANY OTHER REGULATING AGENCIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK, INCLUDING THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY, AND THOSE CODES & STANDARDS LISTED IN THESE NOTES AND SPECIFICATIONS.
- SEE ARCHITECTURAL DRAWINGS FOR THE FOLLOWING: SIZE AND LOCATION OF ALL DOOR AND WINDOW OPENINGS, EXCEPT AS
 - SIZE AND LOCATION OF ALL INTERIOR AND EXTERIOR NON-BEARING
 - SIZE AND LOCATION OF ALL CONCRETE CURBS, EQUIPMENT PADS, PITS, FLOOR DRAINS, SLOPES, DEPRESSED AREAS, CHANGE IN LEVEL, CHAMFERS, GROOVES, INSERTS, ETC.
 - SIZE AND LOCATION OF ALL FLOOR AND ROOF OPENINGS EXCEPT AS SHOWN. FLOOR AND ROOF FINISHES.
- DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR THE FOLLOWING: PIPE RUNS, SLEEVES, HANGERS, TRENCHES, WALL AND SLAB OPENINGS.
- ETC., EXCEPT AS SHOWN OR NOTED. ELECTRICAL CONDUIT RUNS, BOXES, OUTLETS IN WALLS AND SLABS. CONCRETE INSERTS FOR ELECTRICAL, MECHANICAL OR PLUMBING FIXTURES. SIZE AND LOCATION OF MACHINE OR EQUIPMENT BASES, ANCHOR BOLTS FOR MOTOR MOUNTS.
- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE
- OPENINGS, POCKETS, ETC., LARGER THAN 6" SHALL NOT BE PLACED IN CONCRETE SLABS, DECKS, WALLS, UNLESS SPECIALLY DETAILED ON THE STRUCTURAL DRAWINGS. NOTIFY THE STRUCTURAL ENGINEER WHEN DRAWINGS BY OTHERS SHOW OPENINGS, POCKETS, ETC., LARGER THAN 6" NOT SHOWN ON THE STRUCTURAL DRAWINGS. BUT WHICH ARE LOCATED IN STRUCTURAL MEMBERS. FOR ANY FURTHER RESTRICTIONS ON OPENINGS IN STRUCTURAL ELEMENTS. SEE APPLICABLE SECTIONS BELOW.
- PIPES LARGER THAN 1-1/2" DIAMETER SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE EXCEPT WHERE SPECIFICALLY APPROVED. NO CONDUITS SHALL BE PLACED IN CONCRETE FILL OVER METAL DECKING. 10. ASTM SPECIFICATIONS ON THE DRAWINGS SHALL BE OF THE LATEST
- REVISION. 11. CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES, SUCH AS CESSPOOLS, CISTERNS, FOUNDATIONS, ETC. IF ANY SUCH STRUCTURES ARE
- FOUND, STRUCTURAL ENGINEER SHALL BE NOTIFIED IMMEDIATELY. CONSTRUCTION MATERIAL SHALL BE SPREAD OUT IF PLACED ON FRAMED ROOF OR FLOOR. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT. PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE STRUCTURE HAS

NOT ATTAINED DESIGN STRENGTH. 13. DESIGN LOADS:

LIVE LOADS:

ROOF (ALL BUILDINGS)	20	PSF REDUCIBLE
EXIT CORRIDORS (BLDG F, FLOOR 2-5) (BLDG G, FLOOR 2-5)	100	PSF REDUCIBLE
TYPICAL FLOORS, EXCLUDES PARTITION (BLDG F, FLOOR 2-5) (BLDG G, FLOOR 2-5)	80	PSF REDUCIBLE
MECHANICAL AREAS (BLDG F, FLOOR 3 & ROOF) (BLDG G, ROOF)	125	PSF NON-REDUCIBLE
LAB FLOORS (BLDG F, FLOOR 5)	100	PSF NON-REDUCIBLE
MANUFACTURING FLOORS (BLDG F, FLOOR 2 & 4)	125	PSF NON-REDUCIBLE
LOBBY FLOORS	100	PSF NON-REDUCIBLE

100 PSF NON-REDUCIBLE

OTHER LOADS:

LOBBY ROOF

PARTITION LOAD 20 PSF 14. WIND ANALYSIS PER CHAPTER 16 DIVISION II OF THE CODE

PER SOILS REPORT

BASIC WIND SPEED 70 MPH, EXPOSURE C. 15. SEISMIC ANALYSIS PER CHAPTER 16 DIVISION III OF THE CODE,

UTILIZING THE DYNAMIC LATERAL FORCE PROCEDURE GROUND MOTION: SITE SPECIFIC RESPONSE SPECTRA

Ca = 0.57

Cv = 1.02

- = 0.4ZONE 4 = 1.0 R = 6.4 $\Omega_{\bullet} = 2.2$ SOIL PROFILE So SEISMIC SOURCE TYPE B DISTANCE FROM SOURCE 0.62 km Na = 1.3Nv = 1.6
- 16. PLANS AND CALCULATIONS FOR PRODUCTS DESIGNED BY OTHERS (STAIRWAYS, EXTERIOR WALL SYSTEMS, ETC) MUST BE REVIEWED AND APPROVED BY THE ENGINEER OF RECORD FOR THE PROJECT. REFER TO THE "DEFERRED SUBMITTALS/DESIGN-BUILD ITEMS SECTION OF THE GENERAL NOTES.

ARCHITECT

OWNER/CLIENT

DMJM DESIGN | AECOM

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CARLSBAD, CA 92010

REGISTRATION



[03-22-07] FOR CONSTRUCTION

|01-31-07| B & S RESUBMITTAL

DATE | DESCRIPTION

110-23-061 BLDG & SAFETY SUBMITTAL

60004775

CHECKED BY:

PROJECT NO:

DRAWN BY:

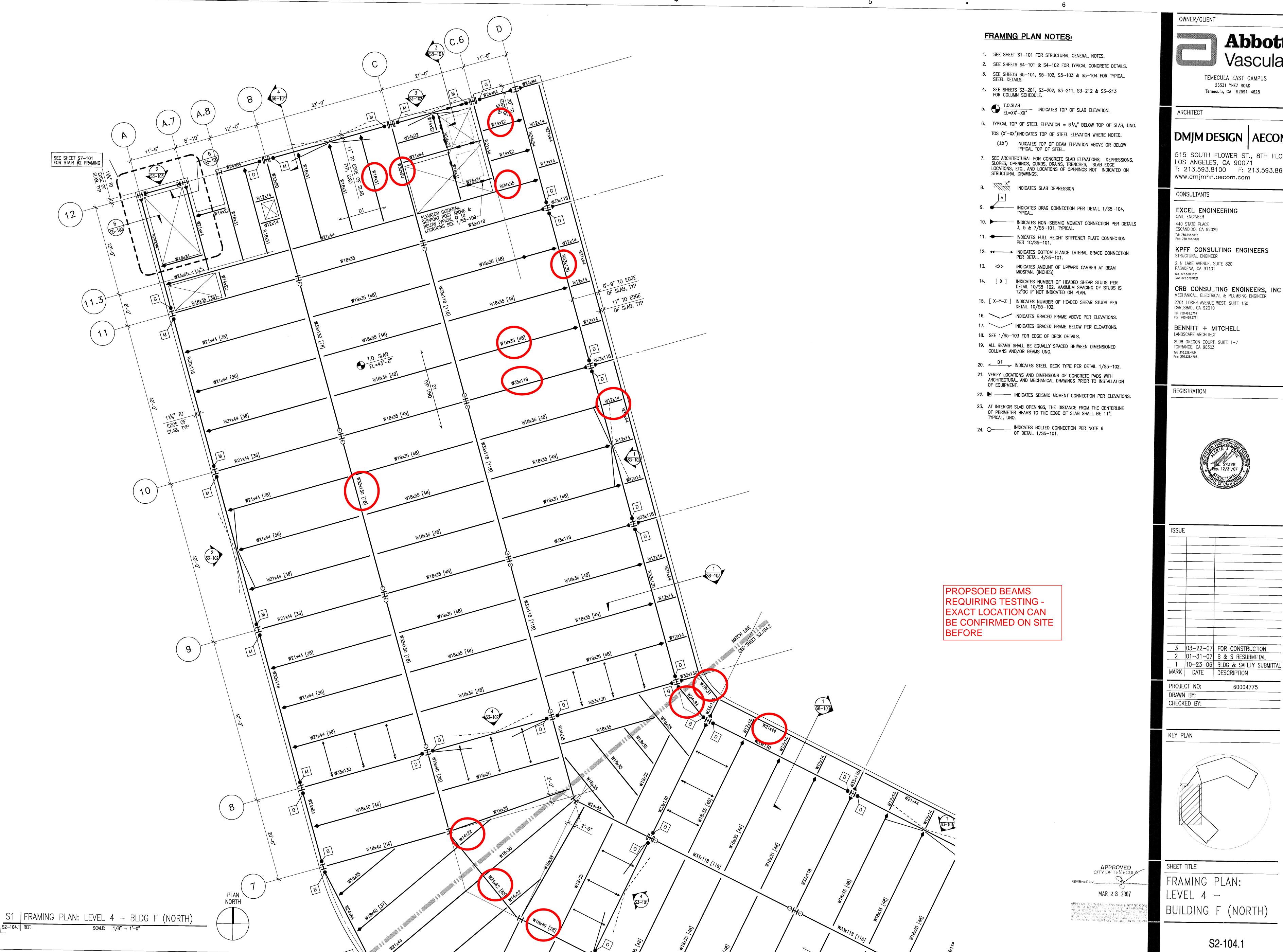
KEY PLAN

MAR 28 2007

SHEET TITLE

GENERAL STRUCTURAL NOTES

S1-101



TEMECULA EAST CAMPUS 26531 YNEZ ROAD

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EXCEL ENGINEERING

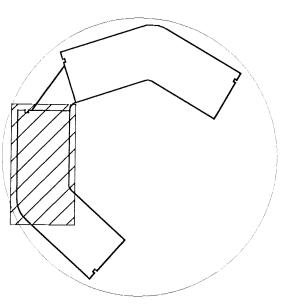
STRUCTURAL ENGINEER 2 N LAKE AVENUE, SUITE 820

2701 LOKER AVENUE WEST, SUITE 130 CARLSBAD, CA 92010

LANDSCAPE ARCHITECT 2908 OREGON COURT, SUITE 1-7

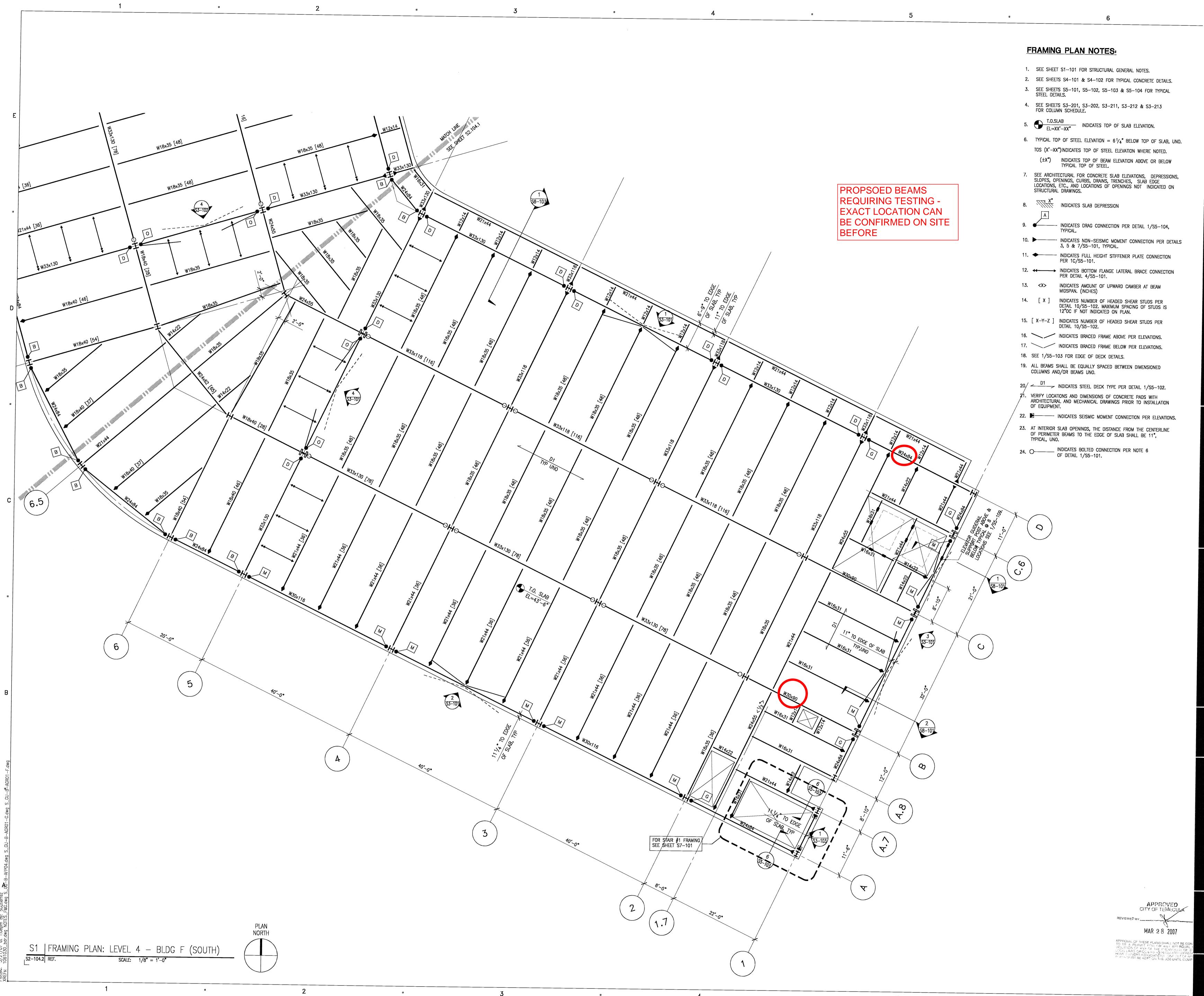


	ISSUE		
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		07 22 07	FOD CONCEDUCTION
		03-22-07	FOR CONSTRUCTION
		01-31-07	B & S RESUBMITTAL
	1 AADIC	10-23-06	BLDG & SAFETY SUBMIT
- :	MARK	l DATF I	DESCRIPTION



FRAMING PLAN: LEVEL 4 -

S2-104.1



Abbott

TEMECULA EAST CAMPUS 26531 YNEZ ROAD Temecula, CA 92591-4628

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REGISTRATION



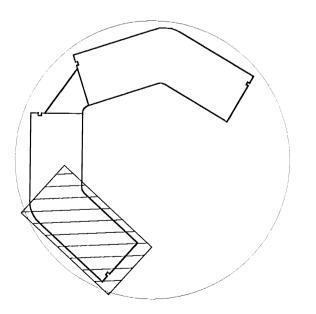
ISSUE		
-7	07 00 07	
$\frac{3}{2}$	03-22-07	FOR CONSTRUCTION
$\frac{2}{1}$	01-31-07 10-23-06	B & S RESUBMITTAL
MARK	DATE	BLDG & SAFETY SUBMITTAL DESCRIPTION
		323311111014

60004775

PROJECT NO:

DRAWN BY: CHECKED BY:

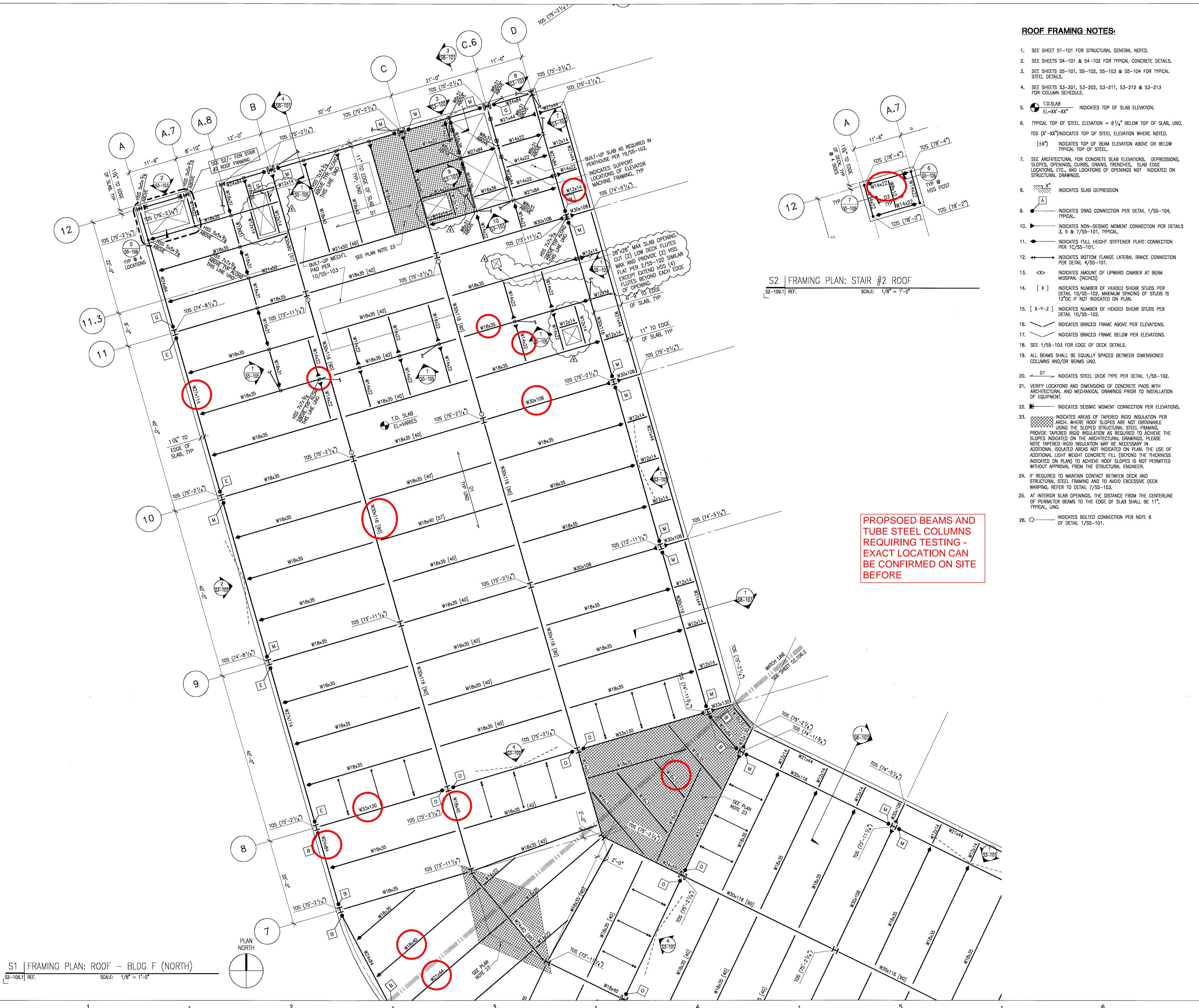
KEY PLAN



FRAMING PLAN:

BUILDING F (SOUTH)

S2-104.2





TEMECULA EAST CAMPUS 26531 YNEZ ROAD Temecula, CA 92591-4628

ARCHITECT

OWNER/CLIENT

DMJM DESIGN | AECOM

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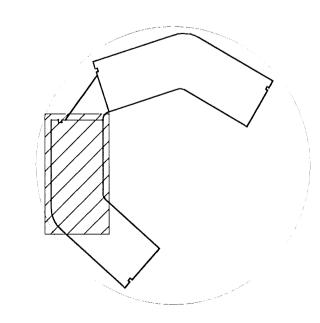
			,
	4	08-30-07	BULLETIN 010 MODS.
	3	03-22-07	FOR CONSTRUCTION
	2	01-31-07	B & S RESUBMITTAL
	1	10-23-06	BLDG & SAFETY SUBMITTA
-	MARK	DATE	DESCRIPTION

60004775

KEY PLAN

PROJECT NO:

DRAWN BY: CHECKED BY:

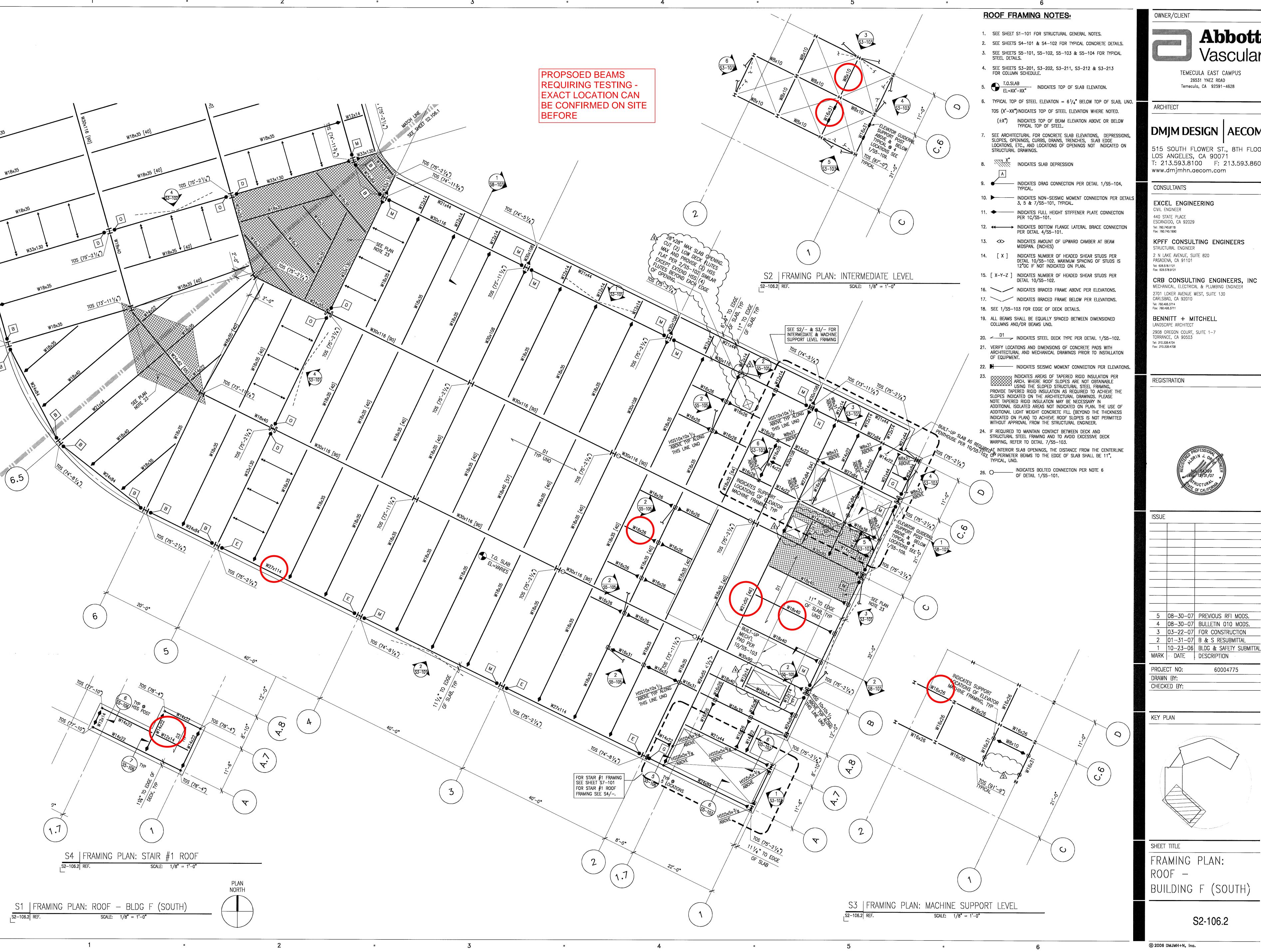


SHEET TITLE

FRAMING PLAN: ROOF -

BUILDING F (NORTH)

S2-106.1





TEMECULA EAST CAMPUS 26531 YNEZ ROAD Temecula, CA 92591-4628

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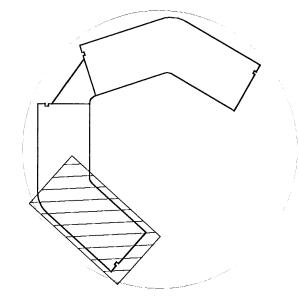
BENNITT + MITCHELL

2908 OREGON COURT, SUITE 1-7 TORRANCE, CA 90503



5	08-30-07	PREVIOUS RFI MODS.
4	08-30-07	BULLETIN 010 MODS.
3	03-22-07	FOR CONSTRUCTION
2	01-31-07	B & S RESUBMITTAL
1	10-23-06	RIDG & SAFFTY SUBMITTA

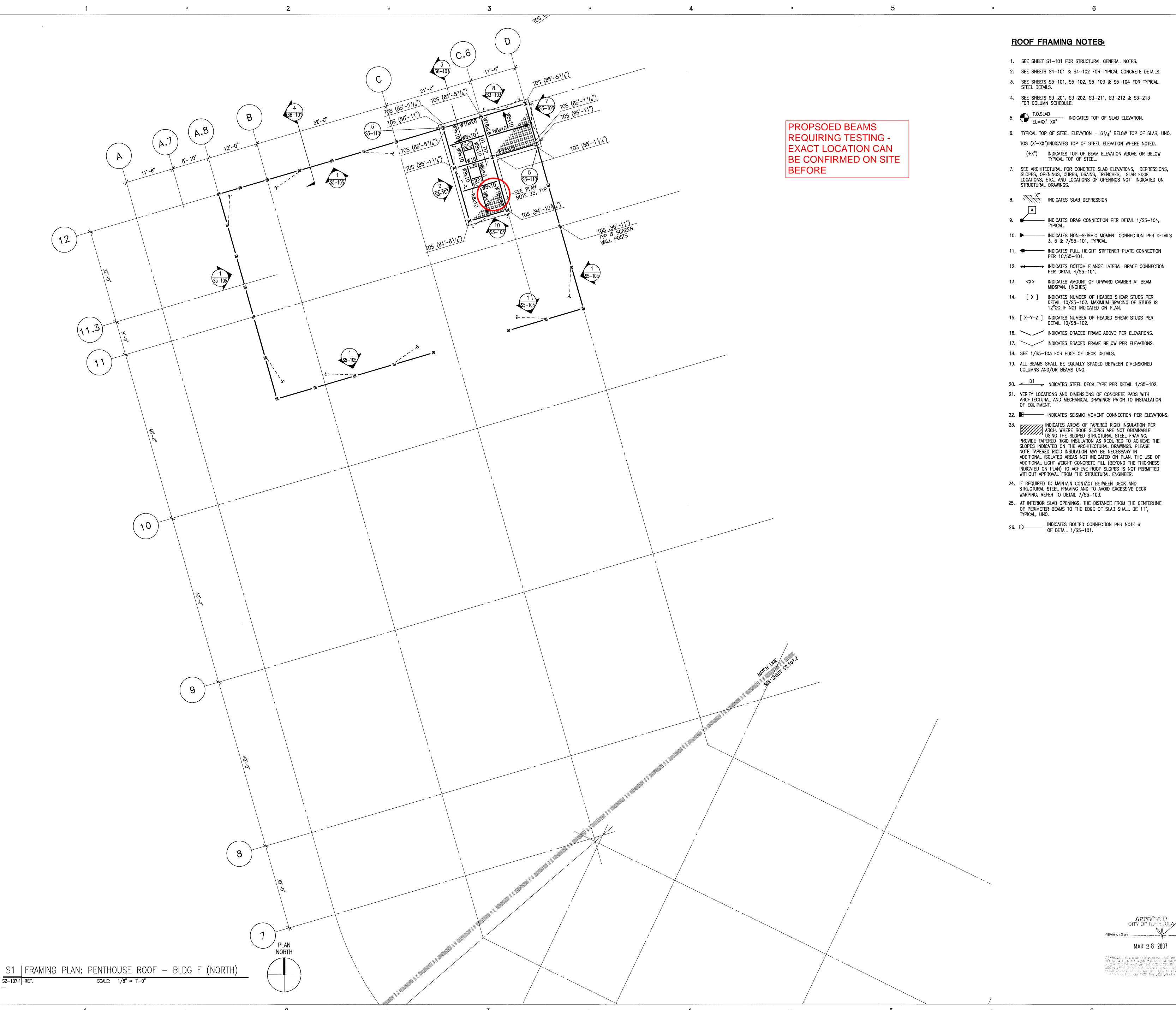
60004775



FRAMING PLAN:

BUILDING F (SOUTH)

S2-106.2



TEMECULA EAST CAMPUS 26531 YNEZ ROAD Temecula, CA 92591-4628

ARCHITECT

OWNER/CLIENT

DMJM DESIGN | AECOM

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CONSULTANTS

ESCANDIDO, CA 92029 Tel: 760.745.8118

13. <X> INDICATES AMOUNT OF UPWARD CAMBER AT BEAM

15. [X-Y-Z] INDICATES NUMBER OF HEADED SHEAR STUDS PER DETAIL 10/S5-102.

16. INDICATES BRACED FRAME ABOVE PER ELEVATIONS.

17. INDICATES BRACED FRAME BELOW PER ELEVATIONS.

18. SEE 1/S5-103 FOR EDGE OF DECK DETAILS.

19. ALL BEAMS SHALL BE EQUALLY SPACED BETWEEN DIMENSIONED

20. — D1 INDICATES STEEL DECK TYPE PER DETAIL 1/S5-102.

21. VERIFY LOCATIONS AND DIMENSIONS OF CONCRETE PADS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS PRIOR TO INSTALLATION

22. E INDICATES SEISMIC MOMENT CONNECTION PER ELEVATIONS.

ARCH. WHERE ROOF SLOPES ARE NOT OBTAINABLE USING THE SLOPED STRUCTURAL STEEL FRAMING, PROVIDE TAPERED RIGID INSULATION AS REQUIRED TO ACHIEVE THE SLOPES INDICATED ON THE ARCHITECTURAL DRAWINGS. PLEASE NOTE TAPERED RIGID INSULATION MAY BE NECESSARY IN ADDITIONAL ISOLATED AREAS NOT INDICATED ON PLAN. THE USE OF ADDITIONAL LIGHT WEIGHT CONCRETE FILL (BEYOND THE THICKNESS INDICATED ON PLAN) TO ACHIEVE ROOF SLOPES IS NOT PERMITTED WITHOUT APPROVAL FROM THE STRUCTURAL ENGINEER.

STRUCTURAL STEEL FRAMING AND TO AVOID EXCESSIVE DECK

25. AT INTERIOR SLAB OPENINGS, THE DISTANCE FROM THE CENTERLINE OF PERIMETER BEAMS TO THE EDGE OF SLAB SHALL BE 11",

26. O INDICATES BOLTED CONNECTION PER NOTE 6 OF DETAIL 1/S5-101.

EXCEL ENGINEERING CIVIL ENGINEER 440 STATE PLACE

Fax: 760.745.1890

KPFF CONSULTING ENGINEERS STRUCTURAL ENGINEER 2 N LAKE AVENUE, SUITE 820

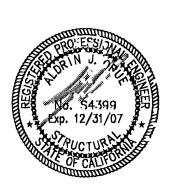
PASADENA, CA 91101 Tel: 626.578.1121 Fax: 626.578.9121

CRB CONSULTING ENGINEERS, INC MECHANICAL, ELECTRICAL & PLUMBING ENGINEER 2701 LOKER AVENUE WEST, SUITE 130 CARLSBAD, CA 92010 Tel: 760.496.3714 Fax: 760.496.3711

BENNITT + MITCHELL LANDSCAPE ARCHITECT

2908 OREGON COURT, SUITE 1-7 TORRANCE, CA 90503 Tel: 310.328.4734 Fax: 310.328.4708

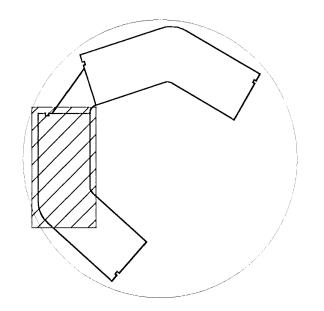
REGISTRATION



3 |03-22-07| FOR CONSTRUCTION 01-31-07 B & S RESUBMITTAL 1 |10-23-06| BLDG & SAFETY SUBMITTAL MARK | DATE | DESCRIPTION

PROJECT NO: 60004775 DRAWN BY: CHECKED BY:

KEY PLAN

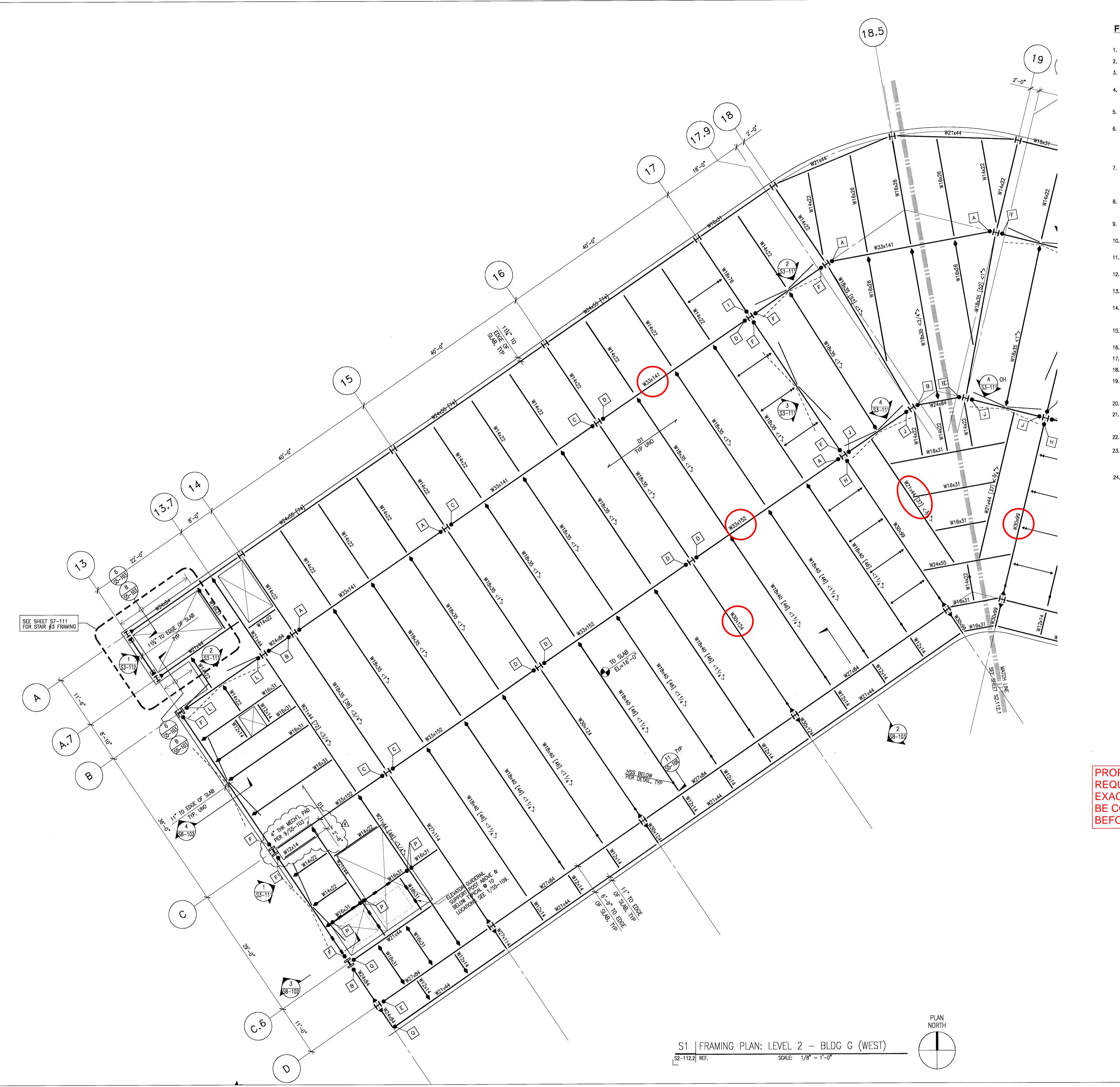


SHEET TITLE

MAR 28 2007

FRAMING PLAN: PENTHOUSE ROOF -BUILDING F (NORTH)

S2-107.1



FRAMING PLAN NOTES

- 1. SEE SHEET S1-101 FOR STRUCTURAL GENERAL NOTES.
- 2. SEE SHEETS S4-101 & S4-102 FOR TYPICAL CONCRETE DETAILS.
- SEE SHEETS S5-101, S5-102, S5-103 & S5-104 FOR TYPICAL STEEL DETAILS.
- 4. SEE SHEETS S3-201, S3-202, S3-211, S3-212 & S3-213 FOR COLUMN SCHEDULE.
- 5. T.O.SLAB INDICATES TOP OF SLAB ELEVATION.
- 6. TYPICAL TOP OF STEEL ELEVATION = $6\frac{1}{4}$ " BELOW TOP OF SLAB, UNO. TOS (X'-XX")INDICATES TOP OF STEEL ELEVATION WHERE NOTED. (±X") INDICATES TOP OF BEAM ELEVATION ABOVE OR BELOW TYPICAL TOP OF STEEL.
- 7. SEE ARCHITECTURAL FOR CONCRETE SLAB ELEVATIONS, DEPRESSIONS, SLOPES, OPENINGS, CURBS, DRAINS, TRENCHES, SLAB EDGE LOCATIONS, ETC., AND LOCATIONS OF OPENINGS NOT INDICATED ON STRUCTURAL DRAWINGS.
- INDICATES SLAB DEPRESSION
- 9. INDICATES DRAG CONNECTION PER DETAIL 1/S5-104,
- 10. INDICATES NON-SEISMIC MOMENT CONNECTION PER DETAILS 3, 5 & 7/S5-101, TYPICAL.
- 11. INDICATES FULL HEIGHT STIFFENER PLATE CONNECTION PER 1C/S5-101.
- 12. ← INDICATES BOTTOM FLANGE LATERAL BRACE CONNECTION PER DETAIL 4/S5-101.
- 13. <X> INDICATES AMOUNT OF UPWARD CAMBER AT BEAM MIDSPAN. (INCHES)
- 14. [X] INDICATES NUMBER OF HEADED SHEAR STUDS PER DETAIL 10/S5-102. MAXIMUM SPACING OF STUDS IS 12"OC IF NOT INDICATED ON PLAN.
- 15. [X-Y-Z] INDICATES NUMBER OF HEADED SHEAR STUDS PER DETAIL 10/S5-102.
- 16. INDICATES BRACED FRAME ABOVE PER ELEVATIONS.
- 17. INDICATES BRACED FRAME BELOW PER ELEVATIONS. 18. SEE 1/S5-103 FOR EDGE OF DECK DETAILS.
- 19. ALL BEAMS SHALL BE EQUALLY SPACED BETWEEN DIMENSIONED COLUMNS AND/OR BEAMS UNO.
- 20. D1 INDICATES STEEL DECK TYPE PER DETAIL 1/S5-102.
- 21. VERIFY LOCATIONS AND DIMENSIONS OF CONCRETE PADS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS PRIOR TO INSTALLATION OF EQUIPMENT.
- 22. INDICATES SEISMIC MOMENT CONNECTION PER ELEVATIONS.
- 23. AT INTERIOR SLAB OPENINGS, THE DISTANCE FROM THE CENTERLINE OF PERIMETER BEAMS TO THE EDGE OF SLAB SHALL BE 11", TYPICAL, UNO.
- 24. O——— INDICATES BOLTED CONNECTION PER NOTE 6 OF DETAIL 1/S5-101.

PROPSOED BEAMS REQUIRING TESTING -**EXACT LOCATION CAN** BE CONFIRMED ON SITE BEFORE

OWNER/CLIENT Abbott Vascular

> TEMECULA EAST CAMPUS 26531 YNEZ ROAD Temecula, CA 92591-4628

ARCHITECT

DMJM DESIGN | AECOM

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Tel: 310.328.4734 Fax: 310.328.4708

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TORRANCE, CA 90503

REGISTRATION

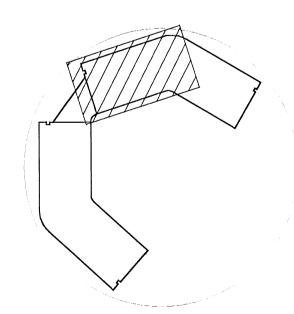


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4	08-30-07	BULLETIN 010 MODS.
3	03-22-07	FOR CONSTRUCTION
2	01-31-07	B & S RESUBMITTAL

1 10-23-06 BLDG & SAFETY SUBMITTAL MARK DATE DESCRIPTION PROJECT NO: 60004775 DRAWN BY:

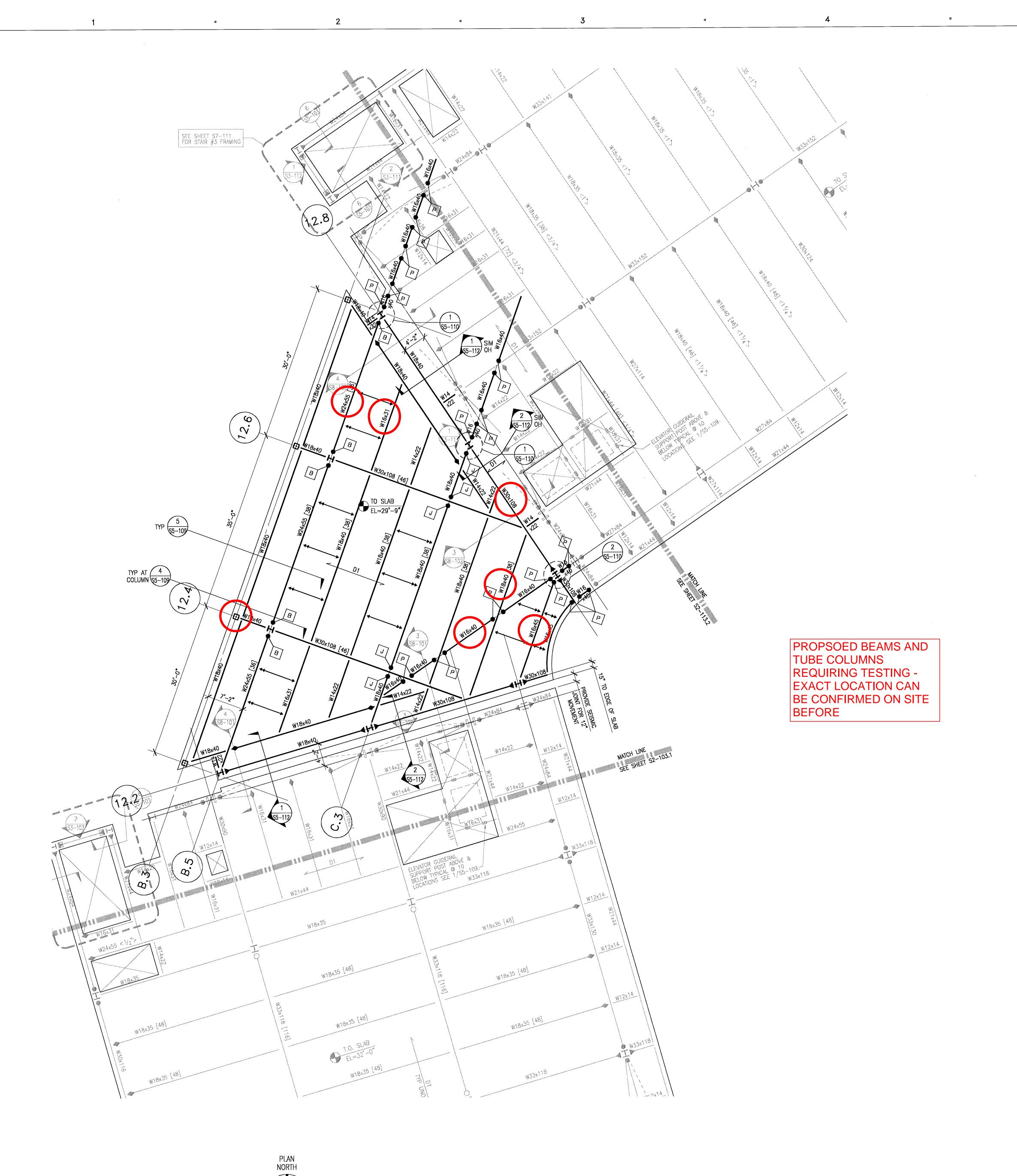
CHECKED BY:

KEY PLAN



FRAMING PLAN: LEVEL 2 -BUILDING G (WEST)

S2-112.2



FRAMING PLAN NOTES

- 1. SEE SHEET S1-101 FOR STRUCTURAL GENERAL NOTES.
- 2. SEE SHEETS S4-101 & S4-102 FOR TYPICAL CONCRETE DETAILS.
- SEE SHEETS S5-101, S5-102, S5-103 & S5-104 FOR TYPICAL STEEL DETAILS.
- 4. SEE SHEETS \$3-201, \$3-202, \$3-211, \$3-212 & \$3-213 FOR COLUMN SCHEDULE.
- 5. T.O.SLAB INDICATES TOP OF SLAB ELEVATION.
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COLUMNS AND/OR BEAMS UNO.

OF EQUIPMENT.

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- 20. D1 INDICATES STEEL DECK TYPE PER DETAIL 1/S5-102.
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Temecula, CA 92591-4628

ARCHITECT

OWNER/CLIENT

DMJM DESIGN | AECOM

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Fax: 760.496.3711 BENNITT + MITCHELL

LANDSCAPE ARCHITECT 2908 OREGON COURT, SUITE 1-7 TORRANCE, CA 90503 Tel: 310.328.4734 Fax: 310.328.4708

REGISTRATION



-		
3	03-22-07	FOR CONSTRUCTION
2	01-31-07	B & S RESUBMITTAL
1	10-23-06	BLDG & SAFETY SUBMITTA
MARK	DATE	DESCRIPTION
PROJE	CT NO:	60004775
DRAWN	N BY:	
CHECK	(ED BY:	

KEY PLAN

FRAMING PLAN: LEVEL 3 - LOBBY

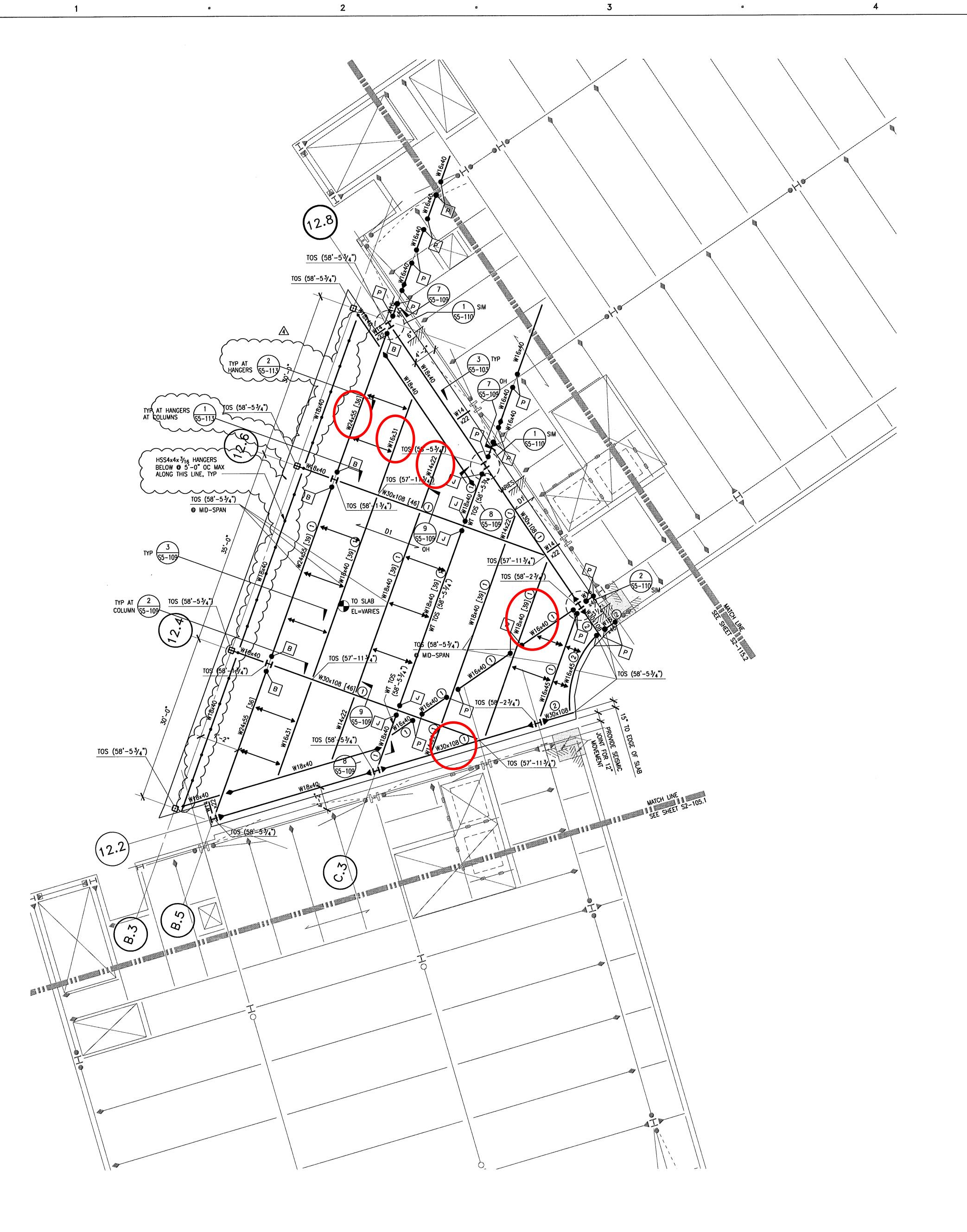
SHEET TITLE JOB UNTIL COMPLETION

S2-303

@ 2006 DMJMH+N, Inc.

S1 FRAMING PLAN: LOBBY LEVEL 3

S2-303 REF. SCALE: 1/8" = 1'-0"



PROPSOED BEAMS REQUIRING TESTING -EXACT LOCATION CAN BE CONFIRMED ON SITE BEFORE

FRAMING PLAN NOTES

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- 24. O INDICATES BOLTED CONNECTION PER NOTE 6
 OF DETAIL 1/S5-101.
- INDICATES LEVEL Wx BEAM PER PLAN WITH TAPERED WT6x13 ON TOP, TOS ELEVATION OF Wx BEAM = $57'-11\sqrt[3]{4}$ ". TOS ELEVATION OF WT=VARIES, AS NOTED ON PLAN. SEE DETAIL 7/S5-103.
- INDICATES LEVEL OR SLOPED Wx BEAM PER PLAN WITH CONSTANT WT3x7.5 ON TOP. TOS ELEVATION=PER PLAN. SEE DETAIL 7/S5-103.



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ARCHITECT

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REGISTRATION

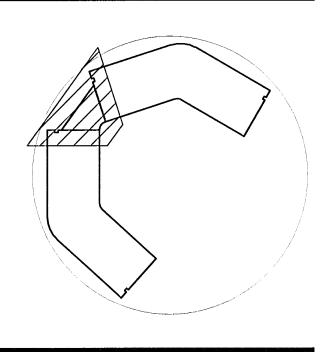
Fax: 760.496.3711



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4	01-16-08	BULLETIN 013 SUBMIT
3	03-22-07	FOR CONSTRUCTION
2	01-31-07	B & S RESUBMITTAL
1	10-23-06	BLDG & SAFETY SUBM
MARK	DATE	DESCRIPTION

PROJECT NO: 60004775 DRAWN BY: CHECKED BY:

KEY PLAN



SHEET TITLE

FRAMING PLAN:

S2-305

S1 FRAMING PLAN: LOBBY ROOF

												CC	LUMN	I SCHI	EDULE	=												
B-10	B-9	B-8	B-7	B-6	B-5	B-4	B-3	B-2	B-1	A.8-12	A.8-1	A.7-12	A.7-1	A-12	A-11	A-10	A-9	A-8	A -7	A-6.5	A-6	A-5	A-4	A-3	A-2	A-1	MARK	
NON-FRAME	NON-FRAME	FRAME	NON-FRAME	NON-FRAME	FRAME	NON-FRAME	NON-FRAME	NON-FRAME	FRAME	NON-FRAME	NON-FRAME	FRAME	FRAME	FRAME	NON-FRAME	FRAME	FRAME	NON-FRAME	NON-FRAME	NON-FRAME	NON-FRAME	NON-FRAME	FRAME	FRAME	NON-FRAME	FRAME	L	EVEL
																											-	PARAPET
																												PENTHOUSE
		ш (ν			шω				ши			ши	ши	lul (a		lul (o	111 (0						111 (0	111 (0		111 100		ROOF
W14x90	W14x90	SEE FRAME ELEVATIONS	W14x61	W14x61	SEE FRAM ELEVATION	W14x90	W14x90	W14x90	SEE FRAME ELEVATIONS	W14x61 4'-6" TYP UNO	W14x61	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	W14x61	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	W14x61	W14x61	W14x61	W14x61	W14x61	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	W14x61	SEE FRAME ELEVATIONS		
†	<u>†</u>	Ť	Ť	†	<u> </u>	†	Ť	<u> </u>	†	+ +	<u></u>				Ŧ		<u>+</u>	<u>†</u>	<u> </u>	<u>†</u>	†	十	<u> </u>	†	<u></u>			LEVEL 5
4×132	4×132	SEE FRAME ELEVATIONS	14×90	14×90	FRAME /ATIONS	4×132	4×132	4×132	FRAME ATIONS	4x61	4x61	RAME TONS	SAME	RAME TIONS T	4x90	SEE FRAME ELEVATIONS	FRAME	4×90	4×90	4×90	4x90	4×90	FRAME	SEE FRAME ELEVATIONS	4×90	RAME TONS		
W W1	W	SEE	.W	` %	SEE	W W	W	W1	SEE	W1	W W1	SEE FF ELEVAT	SEE FRAME ELEVATIONS	SEE FF ELEVAT	W1	SEE	SEE BLE	*	W .	W1	W .	W1	SEE FRAME	TYP ®	W1	SEE FF ELEVATI		LEVEL 4
<u> </u>	<u> </u>	<u> </u> T	<u> </u>	 							 					 						<u> </u>		SPLICE				
													<u> </u>	<u>_</u>											7 \$5-104 TYP @ NON-FI COL SF	<u> </u>		LEVEL 3
																									NON-FI COL SF	RAME LICE		
57	57	AME	20	20	AME ONS	57	57	76	AME ONS	<u>ω</u>	88	AME ONS	FRAME ATIONS	AME	20	AME	AME	50	60	88	98	20	AME	AME	50	NS	!	LEVEL 2
W14x2	W14x2	SEE FRAME ELEVATIONS	W14×1	W14x1	SEE FR	W14×2	W14x2	W14x1	SEE FRAME ELEVATIONS	W14x6	W14x6	SEE FRAME ELEVATIONS	SEE FR	SEE FR	W14x1	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	W14x1;	W14x10	W14x1	W14x1	W14x1;	SEE FRAME ELEVATIONS	SEE FRAM ELEVATION	W14×120	SEE FRAME ELEVATIONS		
<u>L</u>	<u> </u>	<u></u>	<u></u>	<u></u>	<u></u>			<u></u>	<u>L</u>	<u></u>		<u></u>	<u></u>		<u></u>	<u></u>	<u></u>	<u></u>	<u>L</u>	<u></u> _		<u> </u>	L	<u></u>				LEVEL 1
\$5-104	<u>4</u> \$5-104		<u>4</u> <u>\$5-104</u>	<u>4</u> \$5–104		<u>4</u> <u>\$5-104</u>	4 \$5-104	4 <u>\$5-104</u>		4 \$5-104	4 \$5-104				4 \$5-104			\$5-104	4 \$5-104	4 \$55-104	4 \$5-104	\$5-104			\$5-104		DETAIL	
26"x26"	26"x26"	SEE FRAME ELEVATIONS	25"x25"	25"x25"	SEE FRAME ELEVATIONS	26"x26"	26"x26"	26"x26"	SEE FRAME ELEVATIONS	24"x24"	24"x24"	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	25"x25"	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	25"x25"	25"x25"	25"x25"	25"x25"	25"x25"	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	25"x25"	SEE FRAME ELEVATIONS	SIZE (WxL)	COLUMN BASE PLATE
3 ¹ / ₄ " 36 KSI	3 ¹ / ₄ " 36 KSI		2 ½" 36 KSI	2 ¹ / ₂ " 36 KSI		3 ¹ / ₄ " 36 KSI	3 ¹ / ₄ " 36 KSI	3" 36 KSI		2" 36 KSI	2 " 36 KSI				2 ¹ / ₂ " 36 KSI			2 ¹ /2* 36 KSI	2" 36 KSI	2" 36 KSI	2" 36 KSI	2 ½" 36 KSI			2 ¹ / ₂ " 36 KSI		THICKNESS (GRADE)	

3 • 4

FOLLOWING COLUMNS NEED TO BE TESTED	
W 14x257	
W 14x132	
W14x90	
W 14x61	

W 14x120 W 14x176 W 14x68

W 14x109 W 14x550

W 14x550 W 14x211

W 14x455 W 8x31

ALL EXPOSED W COLUMNS AND TUBE COLUMNS WITH FIREPROOFING NEED TO BE TESTED

LOCATION TO BE CONFIRMED ON SITE

OWNER/CLIENT



TEMECULA EAST CAMPUS 26531 YNEZ ROAD Temecula, CA 92591-4628

ARCHITECT

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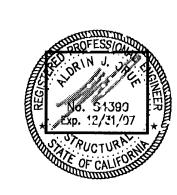
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REGISTRATION

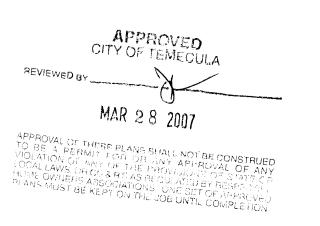


	ISSUE		
in the second			
	3	03-22-07	FOR CONSTRUCTION
	$\frac{3}{2}$	01-31-07	B & S RESUBMITTAL
	1	10-23-06	BLDG & SAFETY SUBMIT
	MARK	DATE	DESCRIPTION
		1 1	

PROJECT NO: 60004775

DRAWN BY:
CHECKED BY:

KEY PLAN

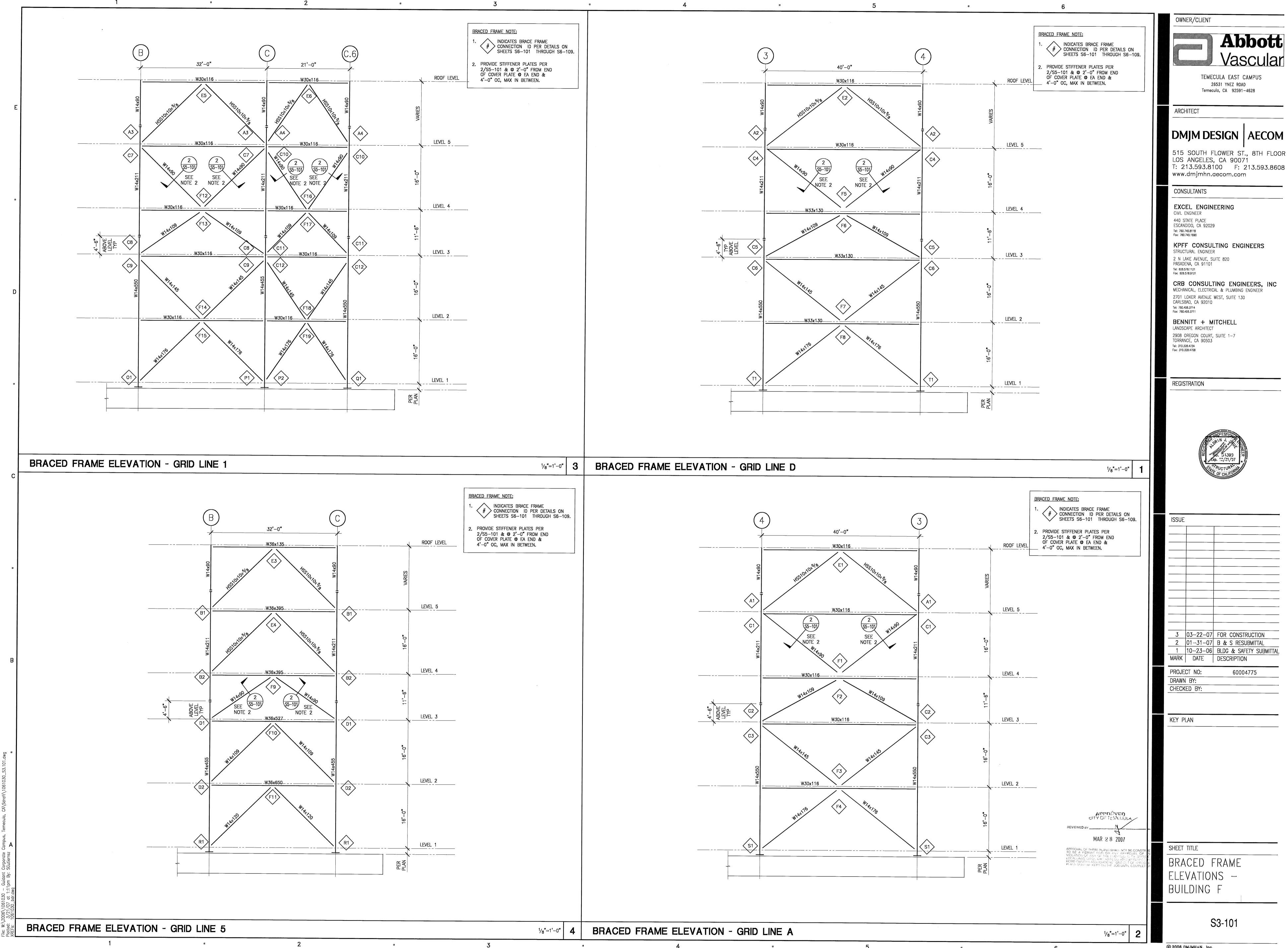


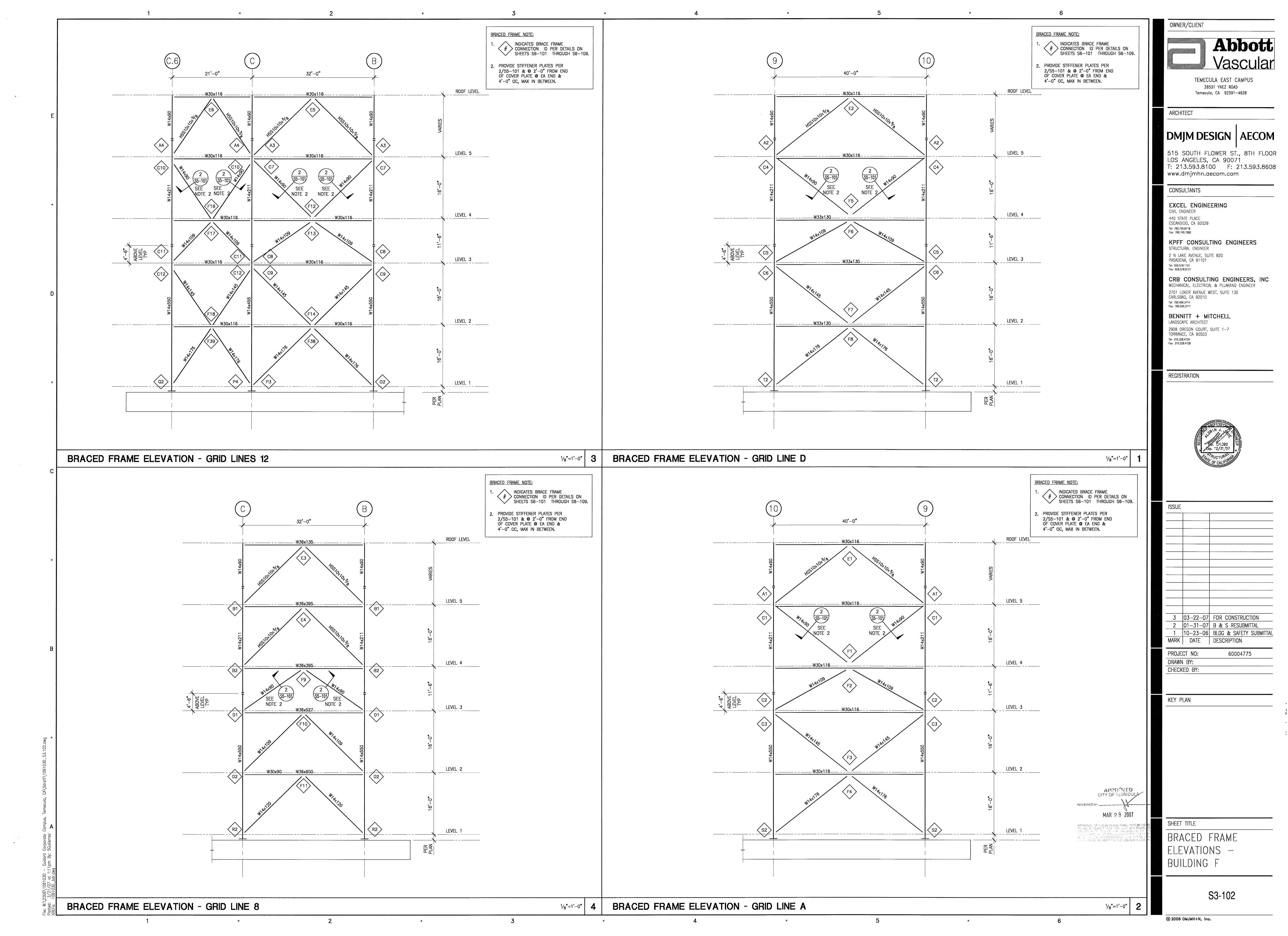
SHEET TITLE

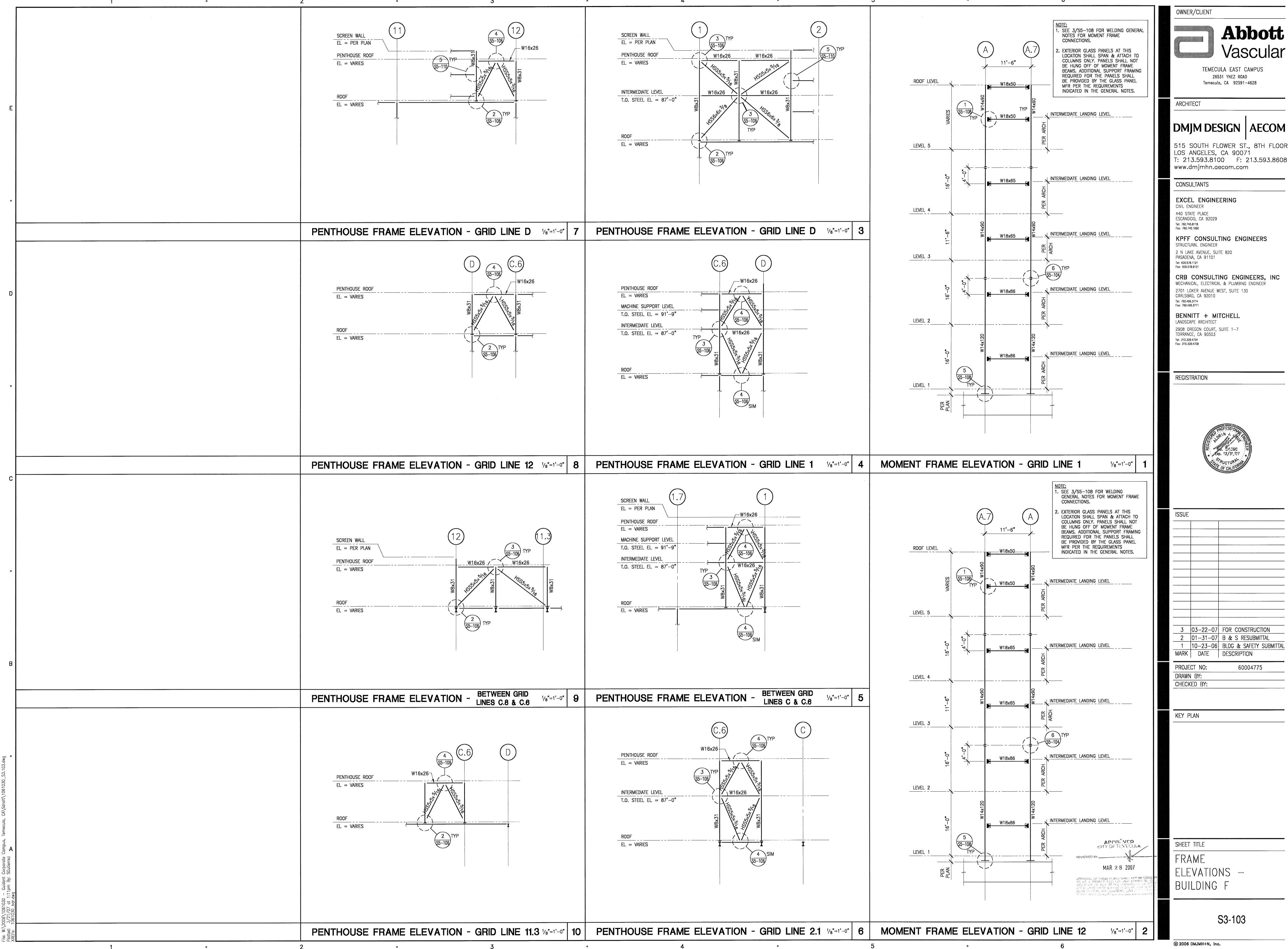
COLUMN SCHEDULE: BUILDING F

S3-201

-île: W:\2006\1061030 — Guidant Corporate Campus, Temecula, CA\Sdraft\1061030_S: Plotted: 3/21/07 at 1:12pm By: SGutierrez







Abbott Vascular

515 SOUTH FLOWER ST., 8TH FLOOR T: 213.593.8100 F: 213.593.8608

1 10-23-06 BLDG & SAFETY SUBMITTAL

											CC	LUMN	I SCH	EDULI													
	D-12	D-11	D-10	D-9	D-8	D-5	D-4	D-3	D-2	D-1	C.6-12	C.6-1	C-12	C-11	C-10	C-9	C-8	C-6.5	C-5	C-4	C-3	C-2	C-1	B-12	B-11	MARK	
	NON-FRAME	NON-FRAME	FRAME	FRAME	NON-FRAME	NON-FRAME	FRAME	FRAME	NON-FRAME	NON-FRAME	FRAME	FRAME	FRAME	NON-FRAME	NON-FRAME	NON-FRAME	FRAME	NON-FRAME	FRAME	NON-FRAME	NON-FRAME	NON-FRAME	FRAME	FRAME	NON-FRAME		LEVEL
																				-			4.77				PARAPET
																						_					PENTHOUSE
																											ROOF
	W14x61	W14x61	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	W14x61	W14x61	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	W14x61	W14×61	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	W14×90	W14x90	W14x90	SEE FRAME ELEVATIONS	W14x61	SEE FRAME ELEVATIONS	W14x90	W14x90	W14x90	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	W14x90		LEVEL 5
	W14x90	W14x90	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	W14x90	W14x90	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	W14x90	W14×90	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	W14×132	W14x132	W14×132	SEE FRAME ELEVATIONS	W14x90	SEE FRAME ELEVATIONS	W14x132	W14x132	1 1//	중EE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	HWAY1 32		LEVEL 4
	<u>_</u>	<u></u>	T		 				+	T	<u>_</u>	T	<u> </u>		<u></u>	<u></u>	<u></u>	+				1 /	NON FRAME COL SPLICE	\$5-104	COL SPLICE		LEVEL 3
																											LEVEL 2
	W14×109	W14×176	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	W14×120	W14×120	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	W14x176	W14x109	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	W14x176	W14×257	W14x257	SEE FRAME ELEVATIONS	W14×120	SEE FRAME ELEVATIONS	W14x257	W14x257	W14×176	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	W14×176		LEVEL 1
	\$5-104	\$5-104			\$5-104	\$5-104			<u>4</u> <u>\$5-104</u>	4 <u>\$5-104</u>				\$5-104	4 \$5-104	<u>4</u> <u>\$5-104</u>		\$5-104		\$5-104	4 \$5-104	4 \$5-104			4 \$5-104	DETAIL	00111141
	25"x25"	26"x26"	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	25"x25"	25"x25"	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	26"x26"	25"x25"	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	26"x26"	26"x26"	26"x26"	SEE FRAME ELEVATIONS	25"x25"	SEE FRAME ELEVATIONS	26"x26"	26"x26"	26"x26"	SEE FRAME ELEVATIONS	SEE FRAME ELEVATIONS	26"x26"	SIZE (WxL)	COLUMN BASE PLATE
	2* 36 KSI	3" 36 KSI			2 ½" 36 KSI	2 ¹ / ₂ " 36 KSI			3" 36 KSI	2 " 36 KSI				3" 36 KSI	31/4" 36 KSI	31/4" 36 KSI		2 ½" 36 KSI		3 ¹ / ₄ " 36 KSI	3 ¹ / ₄ " 36 KSI	3" 36 KSI			3" 36 KSI	THICKNESS (GRADE)	

OWNER/CLIENT



26531 YNEZ ROAD Temecula, CA 92591-4628

ARCHITECT

DMJM DESIGN AECOM

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CIVIL ENGINEER

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ESCANDIDO, CA 92029

Feb. 750 745 8118

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Fax: 760.745.1890

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STRUCTURAL ENGINEER

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BENNITT + MITCHELL LANDSCAPE ARCHITECT 2908 OREGON COURT, SUITE 1-7 TORRANCE, CA 90503

REGISTRATION

Tel: 310.328.4734



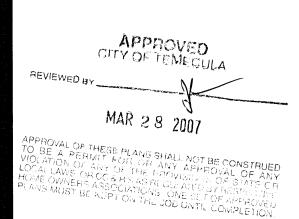
3	03-22-07	FOR CONSTRUCTION
2	01-31-07	B & S RESUBMITTAL
1	10-23-06	BLDG & SAFETY SUBMITTAL
ARK	DATE	DESCRIPTION
		•

PROJECT NO: 60004775

DRAWN BY:

CHECKED BY:

KEY PLAN



SHEET TITLE

COLUMN SCHEDULE: BUILDING F

S3-202

	COLUMN SCHEDULE				
		C.6-12.5 C.4-12.5 D-12.8	B D-12.2 C.3-12.8 C.3-12.2	B.5-12.8 B.5-12.6 B.5-12.4 B.5-12.2	
		NON-FRAME NON-FRAME NON-FRAME	ME NON-FRAME NON-FRAME NON-FRAME	NON-FRAME NON-FRAME NON-FRAME	LEVEL
					PARAPET
					PENTHOUSE
					ROOF
					LEVEL 5
		W12x120	W12x120 W12x120	W12x120 W12x120 UNO W12x120	LEVEL 4
					LEVEL 3
		W12x136	M12x136 W12x136 W12x136 W12x136 W12x136 W12x136	W12x136 W12x136 W12x136	LEVEL 2
		W12x72 W12x72			LEVEL 1
		4 \$5-104 \$5-104 \$5-104	4 \$5-104 \$5-104	4 \$5-104 \$5-104 \$5-104	
		\$5-104/	\$5-104	\$5-104/ \$5-104/ \$5-104/	DETAIL
		24"x24" 24"x24" 24"x24"	24"x24" 24"x24" 24"x24"	24"x24" 24"x24" 24"x24" 24"x24"	COLUMN BASE PLATE
		2" 2" 2" 2" 36 KSI 36 KSI	2" 2" 2" 36 KSI 36 KSI	2" 2" 2" 2" 2" 36 KSI 36 KSI	THICKNESS (GRADE)

W 12x136, W 12X123 AND W 2x72 NEED TO BE TESTED OWNER/CLIENT



TEMECULA EAST CAMPUS 26531 YNEZ ROAD Temecula, CA 92591-4628

ARCHI

DMJM DESIGN AECOM

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REGISTRATION



		100	
-22-07	FOR	CONSTRUCTION	
-31-07	В &	S RESUBMITTAL	

1 10-23-06 BLDG & SAFETY SUBMITTAL
MARK DATE DESCRIPTION

PROJECT NO: 60004775

DRAWN BY:

KEY PLAN

CHECKED BY:

CITY OF HARDILA

REVIEWED BY

MAR 28 2007

APPROVAL OF THESE PLANS SHALL NOT SE CONSTRUED TO BE A PERMIT FOR OH ANY APPROVAL OF ANY VIOLATION OF ANY UP THE PROVISIONS OF STATE OR LOCAL LAWS OF GO & REAS REQUIRED BY BUSHOUS APPROVED FLANS WISH BUSHONS ONE SET OF APPROVED PLANS WISH BUSHEPT ON THE JOS UNTIL COMPLETION

SHEET TITLE

COLUMN SCHEDULE: LOBBY

S3-213