



**REQUEST FOR PROPOSAL ADDENDUM
PURCHASING OFFICE
CITY OF AUSTIN, TEXAS**

REQUEST FOR PROPOSAL: MPM0401 ADDENDUM NO. 2 DATE OF ADDENDUM: August 1, 2014

This addendum is to incorporate the following questions from the Pre-Proposal Conference for the above-referenced solicitation:

To contact the SMBR Department of the City of Austin, please reach out to Raymond Young at SMBRCOMPLIANCEDOCUMENTS@AUSTINTEXAS.GOV or via phone at 512-974-7600.

Q1. Do you have shop drawings?

A1. Shop drawings are attached to this document.

Q2. What are the steel requirements for replacement parts?

A2. Currently accepted standards will meet the requirements for replacement parts. Parts need not be the same composition as the historical steel used for the towers.

Q3. What is the desired paint color? Can we galvanize the towers?

A3. Paint information is stated in Attachment I. No galvanizing is permitted.

Q4. Is there historical permitting?

A4. Yes, the Texas Historical Commission will require a blanket permit for the work to be done. The Project Manager will be available to facilitate the permitting; however the Contractor is ultimately responsible for obtaining and paying for any permitting.

Q5. What sort of City permitting is necessary?

A5. A Certificate of Appropriateness will need to be filed with the Austin Historical Preservation office. Any permitting required for lane closures or other types of permitting will be necessary. The Project Manager will be available to facilitate the permitting; however the Contractor is ultimately responsible for obtaining and paying for any permitting.

Q6. How will permitting work for emergency response services?

A6. The blanket permits the Contractor will obtain at the beginning of the contract will cover any emergency work to be done on the towers.

Q7. Is there Federal money involved in the restoration?

A7. No Federal funding applies to this solicitation.

Q8. Are there any recurring problems with the towers?

A8. Austin Energy is not aware of any repeated issues with the towers.

Q9. What is the model of the light fixture/bulb?

A9. A drawing with pertinent information is attached to this document.

Q10. What condition are the breakers in?

A10. The breakers and NEMA boxes were placed in 1992. The breakers will need to be exercised and may need to be replaced.

Q11. In regards to the foam sprayed in the joints, does it contain asbestos?

A11. Austin Energy is not aware of any asbestos present in the foam.

Q12. What level of FR rating is necessary for the arc-rated clothing mandate in the solicitation?

A12. The necessary FR rating is 12 Cal/cm²

Q13. Do the towers receive any regular maintenance?

A13. In 1992 the towers were refurbished for their 100th anniversary. Since that time they have been visually inspected on a monthly basis, and maintenance work has been performed as needed.

All other terms and conditions remain the same.

BY THE SIGNATURES affixed below, this Addendum is hereby incorporated and made a part of the above-referenced Solicitation.

APPROVED BY:

Paige McDonald, Buyer II
Purchasing Office, 512-322-6118

ACKNOWLEDGED BY:

SUPPLIER	AUTHORIZED SIGNATURE	DATE
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RETURN ONE (1) COPY OF THIS ADDENDUM TO THE PURCHASING OFFICE, CITY OF AUSTIN, PRIOR TO PROPOSAL CLOSING OR WITH YOUR SEALED PROPOSAL. FAILURE TO DO SO MAY CONSTITUTE GROUNDS FOR REJECTION OF YOUR OFFER.

PRE-PROPOSAL CONFERENCE ATTENDANCE SHEET



Solicitation: RFP MPM0401 Description: Inspection, Repair, and Restoration of Moonlight Towers

Date: July 29, 2014 Time: 9:30 AM

Company Name: Representative: Phone #: E-Mail Address:

COA-SIMBR	Raymond M. Young	512-974-9183	Raymond.Young@AUSTINTEXAS.gov
ENERTECH RESOURCES	JUSTIN HUGGINS	512.963.0331	justin.huggins@enertechresources.com
ENERTECH RESOURCES	DALE STUMAKER	512.415.1962	dale.stumaker@enertechresources.com
AE - PM	Lee Emmick	512-505-7119	lee.emmick@austineenergy.com
Austin Energy	Mike Rechy	322-6161	Mike.Rechy@austinenergy.com
AE	Gage Loats	322-6251	gage.loats@austineenergy.com
AE	Lupe Cruz	322-6531	Lupe.Cruz@austineenergy.com
AE-BDCC	Amelie Gonzalez	322-6169	amelie.gonzalez-furres@austineenergy.com

Conducted By: Paige McDonald

PRE-PROPOSAL CONFERENCE AGENDA

Date: July 29, 2014

Time: 9:30 AM

1. Opening/Welcome:

Solicitation Number	RFP MPM0401
Project Description:	Inspection, Repair, and Restoration of Moonlight Towers

2. **Sign-in:** All attendees shall sign in.

3. **Introductions:** Introduction of City staff. Attendees shall identify themselves and the company they represent.

4. **MBE/WBE Procurement Program**, Section 0900, - Raymond Young from DSMBR will explain the compliance plan. This project has project participation goals for subcontracting set at 8.41% MBE and 1.91% WBE.

5. **Project Information:** Explanation of Proposal closing date and time and the time for submission of the Compliance Plan, if applicable.

Closing Date	August 22, 2014
Time Proposals are Due	1:00 PM
Time Compliance Plans Due	3:00 PM
Buyer's Name	Paige McDonald

Submission of Offers: Review of Cover Sheet

- A. **Mailing:** Offers must be returned in a sealed envelope or container marked on the outside with the Offeror's name, address, solicitation number, and the closing date and time. Telegraphic or facsimile Offers **will not** be accepted. When sending an Offer via the U.S. Postal Service, use the P.O. address shown below. When using a delivery service that requires a street address, use the street address shown below. Please note that the zip codes are different.

Street Address for Hand Delivery or Courier

City of Austin
Purchasing Office
Municipal Building
124 W. 8th St., 3rd Floor
Austin, Texas 78701
512/974-2500 FAX: 512/974-2388

Note: Proposals not submitted in a sealed envelope or container will not be considered. Proposal submitted late will not be considered. It is the responsibility of the Proposer to ensure that their Proposal is received before Proposal closing time. There are no exceptions.

6. General Solicitation Requirements: (Presented by Purchasing)

A. Please remember that Sections 0100 (Definitions), 0200 Solicitation Instructions, and 0300 (Standard Purchase Provisions) are incorporated into this solicitation and subsequent contract by reference. These documents can be located on line at <http://www.austintexas.gov/department/standard-bid-documents>.

B. Section 0300 Standard Terms and Conditions and Section 0400, Supplemental Terms and Conditions:

These two sections comprise the basis of all City contracts. It is important that you are aware of these terms and conditions and discuss them with the necessary parties within your firm and identify in your response any exceptions to these terms and conditions. Should your firm be the recommended vendor and should you take exceptions that your response did not disclose, your response may be deemed non-responsive at that time.

C. Supplemental Purchase Provisions, Section 0400, these augment the Standard Terms and Conditions; they will be incorporated into any resultant Contract.

- D. **Non-Collusion, Non-Conflict of Interest, and Anti-Lobbying**: From the moment that the solicitation was issued until the contract is executed, all communications regarding this solicitation must go to the Authorized Contact Person, Paige McDonald. This requirement is necessary to maintain the integrity of the solicitation process and ensure that all proposers have the same opportunity. **Any representation to anyone else may result in the Offer being disqualified from consideration from award.**
- E. **Questions**: All questions will be answered via an addendum posted on our website.

All requests for explanations or clarifications must be submitted in writing to the Purchasing Office no later than 8:00 AM on Monday, August 4, 2014. Submissions may be made via email to paige.mcdonald@austinenergy.com, or via fax at (512) 322-6174.

7. Documents due with Proposal

Proposal Preparation Instructions and Evaluation Factors (Section 0600) details exactly what the City expects a submitted Proposal to contain and the order in which the documents are to be presented. It also details evaluation criteria and weight. *****Please be aware that this solicitation is a Request for Proposal (RFP). This means that we are going to evaluate other factors in addition to cost. In order to evaluate those other factors, you must submit information for us to base our evaluations upon.*****

We will go through this document in its entirety.

*****Please note that this is the base information that we need in order to evaluate. This proposal is your opportunity to show us why your company is the best to meet our needs. Do not assume that we know anything about your company! Be thorough!*****

8. **Scope of Work / Technical Requirements** (Presented by the Department)
9. **Question & Answer Session at a local Moonlight Tower**

Tower is located at S 1st St and West Monroe. From Barton Springs Road, proceed South on S. 1st St. ¼ of a mile. The tower is on the right.

INSPECTION, REPAIR & RESTORATION OF MOONLIGHT TOWERS

AUSTIN ENERGY

POLICY: The City of Austin and its contractors shall not discriminate on the basis of race, color, national origin, disability, or gender in the performance of contracts. Refer to the MBE/WBE Volume included with the project specifications for further information.

SOLICITATION GOALS

MBE	African American	Hispanic	Asian/Native American	WBE
8.41%	NA	NA	NA	1.91%

COUNTING PARTICIPATION (2-9C-20)

Listing City certified firms on the Compliance Plan indicates that firms agree to both the price and scope of work. The Compliance Plan shall list all firms that will participate on the contract.

- Only City of Austin certified MBE/WBE firms will be counted toward the goals.
- Certified MBE/WBE firms may count their own participation, less any amount subcontracted.
- A certification code of M/WBE or W/MBE may be counted towards the MBE or WBE goal, but not both.
- A firm with a WBE certification code can only be counted towards the WBE goal.
- A firm with an MBE certification code can be counted towards the MBE goal or towards the appropriate ethnic subgoal.
- Use only the base bid amount or the proposal amount to calculate your MBE/WBE participation.

ALL BIDDERS MUST MEET THE GOALS OR PROVIDE GOOD FAITH EFFORTS DOCUMENTATION

GOOD FAITH EFFORTS (2-9C-21)

When bidder/respondent cannot meet the established goals, the responding firm shall provide documentation of the firm's good faith efforts to meet the goals. The ability or desire of a contractor to perform the work of the contract with its own organization does not relieve the contractor of the responsibility to demonstrate good faith efforts. The fact that additional costs maybe involved in finding and using MBEs and WBEs is not reason for the bidder to not meet the MBE/WBE goals.

At a minimum, the following should be submitted to support Good Faith Effort documentation:

- Solicitation sent to MBE/WBE firms **in the** Significant Local Business Presence (SLBP – 5 Counties include Travis, Hays, Williamson, Bastrop, and Caldwell) identified on the availability list for subcontracting opportunities not less than **7 business days** prior to bid date. Notices must be sent using two separate reasonable, available, and verifiable methods (e.g. email, fax, mail, or phone).
 - Such as evidence of written notice includes copy of letters (solicitation notice) that was sent by email, fax, or mail.
 - Such as evidence of two separate methods used to notify MBE/WBEs include fax logs, email confirmations, copies of stamped envelopes/hand-delivered and/or phone logs (Phone contacts, alone, will not be sufficient.)
- Written correspondence to certified vendors should include names, addresses, and other identifying information including your company's phone number, contact person, where to locate plans and specifications; and due date for responding.
- Take appropriate steps to follow up the initial solicitation with interested MBEs or WBEs.
 - Submit copies of written responses from all respondents to your solicitation.
 - If interested MBEs or WBEs responded, document follow up on log of contacts and include date and contact information

- ❑ Publish notice in a local publication such as newspaper, trade association publication, or via electronic/social media.
- ❑ Bidder/proposer must state a specific and verifiable reason for not contacting each certified firm with a SLBP.
 - ❑ **If MBEs and WBEs were not sent solicitation notices, document reason on log of contacts.**
- ❑ Negotiate in good faith with interested MBEs and WBEs.
 - ❑ **If negotiated in good faith with interested MBEs and WBEs, document results on log of contacts.**
- ❑ Contact SMBR for assistance (i.e. additional scopes identified or assistance with MBE/WBE Program requirements).
- ❑ Not rejecting MBEs or WBEs as being unqualified without sound reasons.
- ❑ Seeking the services of available minority and women community organizations
 - ❑ **Documentation of contacts with trade associations and Chambers of Commerce.**
- ❑ Selecting portions of the work that will increase the likelihood that the MBE/WBE goals will be met.

The following additional Good Faith Efforts factors may also be considered:

- ❑ Efforts to assist MBE/WBEs in bonding, insurance, and financing where appropriate.
 - ❑ **If assistance was provided, document in log of contacts.**
- ❑ Efforts to assist MBE/WBEs in obtaining necessary equipment, supplies, and materials.
 - ❑ **If assistance was provided, document in log of contacts.**

In assessing minimum good faith efforts, SMBR may consider the performance of other Bidder/Proposers successfully meeting the goals.

FAILURE TO COMPLY WITH THE MBE/WBE PROCUREMENT ORDINANCE WILL RESULT IN REJECTION OF YOUR COMPLIANCE PLAN

MBE/WBE AVAILABILITY LIST:

Included in the solicitation is a list of certified MBE/WBEs firms for the scopes of work that have been identified for this project. This list is not to be considered as the sole source of available MBE/WBEs. If additional scopes of work are identified, please contact SMBR.

MBE/WBE COMPLIANCE PLAN: ALL SECTIONS, I - VI MUST BE COMPLETED & SUBMITTED

- Section I Project information (pre-entered)
- Section II Firm's identifying information, with signature of firm's authorized representative.
- Section III Compliance Plan Summary
- Section IV Disclosure of all certified firms, enter all requested information.
- Section V Disclosure of all non-certified firms, enter all requested information.
- Section VI Disclosure of all second-level subcontractors.
- Section VII Disclosure of Primary and Alternate Trucking subcontractors.
- Section VIII Compliance Plan Check List.

Bids or responses will not be accepted for consideration, if the MBE/WBE Compliance Plan is not submitted prior to the deadline specified in the solicitation document.

2-9A-25 SANCTIONS FOR NOT COMPLYING WITH THE MBE/WBE PROCUREMENT ORDINANCE

The following violations are unlawful and may be prosecuted at Municipal Court

- ❖ Providing false or misleading information.
- ❖ Substituting MBE/WBE subcontractors without written approval.
- ❖ Repeated failure to comply with Good Faith Efforts.

SMALL & MINORITY BUSINESS RESOURCES CONTACT INFORMATION

SMBR Representative	CERTIFICATION	MAIN OFFICE
Contact Name: Raymond M. Young		512-974-7600
Phone Number: 512-974-9183	512-974-7645	512-974-7601
Email Address: Raymond.young@austintexas.gov	Dsmbr- certification@austintexas.gov	www.austintexas.gov/smbr



SMBR's Plan Room

The City of Austin's Small & Minority Business Resources (SMBR) Department has a Plan room for viewing City of Austin project plans and specifications as well as other local, private, and public sector jobs. In addition, SMBR and McGraw-Hill Dodge have partnered to provide contractors up-to-date construction project information, plans and specification through the Internet. Projects include public and private sector opportunities in 100 South and Central Texas counties.

Where is the Plan Room?

It's located at the offices of SMBR
 4201 Ed Bluestein Blvd.
 Austin, TX 78721

How much will it cost?

There are no fees to access the information. There are minimal fees for copying and printing of plan and specification sheets.

What are my next steps?

Attend a free one-hour orientation session to learn how to operate the on-line service. Contact SMBR at (512) 974-7799 to make an appointment or for more information.

For more information or to view a list of projects currently available in the Plan Room visit website at www.austintexas.gov/smbr under the Plan Room projects.

BONDING

Bonding is a type of protection that a governmental agency or prime contractor may require that your company have in order to work on a contract. A bonding application will take several days. Get started today. Be proactive by making an appointment to talk to SMBR's Bonding Financial Consultant, Luke Ortega Luper as soon as possible. He can be reached at (512-

974-7733 or email him at Luke.Luper@austintexas.gov. You will also find past copies of his newsletters on our website at <http://austintexas.gov/department/bonding>.

Keep in mind that SMBR does not issue bonds; however, we do provide our bonding resource program as a free and confidential service to our business owners.

AUSTIN MINORITY NEWSPAPERS

Capital City Argus News

PO Box 140471
Austin, TX 78714-0471
512-926-0348 Fax: 512-926-0348

Charles M. Miles

email : CMilesArgus@yahoo.com

El Mundo Newspaper

2112 E. Ceasar Chavez
Austin, TX 78702
512-476-8636

info@elmundonewspaper.com

La Prensa

PO Box 6504
Austin, TX 78762-6504
512-478-3090 Fax: 512-482-6400

Catherine Vasquez-Revilla

email: laprensa@aol.com

Nokoa The Observer

PO Box 1131
Austin, TX 78767-1131
512-499-8713 Fax: same as phone

Akwasi Evans

email : akwasievs@gmail.com

The Villager

4132 East 12th Street
Austin, TX 78721
512-476-0082 Fax : 512-476-0179

Tommy L. Wyatt

email: vil3202@aol.com

LOCAL MINORITY SERVICE PROVIDERS

Asian Contractor Association

4201 Ed Bluestein Blvd, Suite 2105
Austin, TX 78721
512-926-5400 Fax: 512-926-5410

Aletta Banks

www.acta-austin.com
email: asiancontractor@gmail.com

Austin Area Black Contractors Association

6448 Highway 290 East, Suite E-107
Austin, TX 78723
512-467-6894 Fax: 512-467-9808

James Harper

www.abcatx.com
email: brc-pro@swbell.net

Business Investment Growth (BIG Austin)

5407 N. IH-35, Ste 200
Austin, TX 78723
512-928-8010 Fax: 512-926-2997

Stacy Dukes-Rhone

www.bigaustin.org
email: info@bigaustin.org

Business Resource Consultants (BRC)/(Bid Briefs)

6448 Highway 290 East, Suite E-107
Austin, TX 78723
512-467-6894 Fax: 512-467-9808

Carol S. Hadnot

email: brc-pro@swbell.net

Capital City African American Chamber of Commerce

African-American Heritage Center
912 E. 11th Street
Austin, TX 78702
512-459-1181 Fax: 512-459-1183

Natalie Madeira Cofield

www.capcitychamber.org
email: admin@capcitychamber.org

Greater Austin Asian Chamber of Commerce

3432 Greystone Drive, Suite 202
Austin, TX 78731
512-407-8240 Fax: none

Marina Bhargava

www.austinasianchamber.org
email: exec.admin@austinasianchamber.org

Greater Austin Hispanic Chamber of Commerce

2800 S. IH-35, Suite 260
Austin, TX 78704
512-476-7502 Fax: 512-476-6417

Lisa Rodriguez

www.gahcc.org
email: lrodriguez@gahcc.org

U.S. Hispanic Contractors Association (USHCA)

920 E. Dean Keeton Street
Austin, TX 78705
512-922-0507 (Cell)

Juan Oyervides

www.ushca-austin.com
email: info@ushca-austin.com

SECTION VIII — MBE/WBE COMPLIANCE PLAN CHECK LIST

The MBE/WBE *Compliance Plan* must be completed and submitted by the time specified in the solicitation documents. If the goals or subgoals were not achieved, Good Faith Efforts documentation must be submitted with the MBE/WBE *Compliance Plan*. All questions in Section VIII MUST be completed and submitted with the *Compliance Plan* if goals or subgoals are not met.

1. Were written notices sent to all MBE/WBEs from the Significant Local Business Presence (SLBP) availability list at least seven (7) business days prior to the submission of this *Compliance Plan*?

Yes No

2. Were two separate methods used to contact all MBE/WBEs from the SLBP availability list at least seven (7) business days prior to the submission of this *Compliance Plan*? Please list the two methods used to contact MBE/WBEs. (i.e. fax, email, mail, and/or phone)

Yes No

List Methods: _____

3. Were steps taken to follow up with interested MBE/WBEs? Yes No

4. Were advertisements placed with a local publication? (i.e. newspaper, minority or women organizations, or electronic/social media)?

Yes No

5. Were written notices sent to Minority or Women organizations? Yes No

6. Were additional elements of work identified to achieve the goals or subgoals?

Yes No

If yes, please explain: _____

SECTION VIII — MBE/WBE COMPLIANCE PLAN CHECK LIST CONTINUED....

7. Was SMBR contacted for assistance? Yes No

If yes, complete following:

Contact Person: _____

Date of Contact: _____

Summary of Request: _____

8. Were Minority or Women organizations contacted for assistance? Yes No

If yes, complete following:

Organization(s): _____

Date of Contact: _____

Summary of Request: _____

9. Is the following documentation attached to support good faith effort requirements to achieve goals or subgoals? (*Documentation is not limited to this list.*)

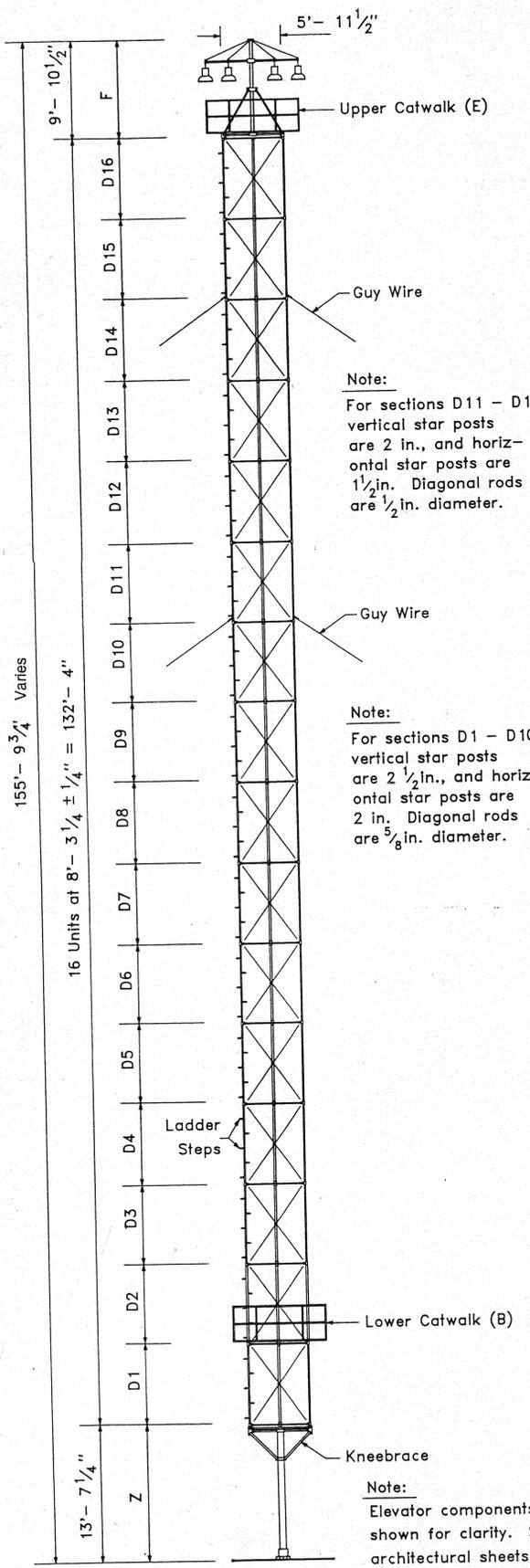
Yes No Copy of written solicitation sent to MBE/WBEs in SLBP area.

Yes No Two separate methods of notices sent to MBE/WBEs in SLBP area (fax transmittals, emails, and/or phone log).

Yes No Copy of advertisements.

Yes No Copy of notices sent to Minority and Women organizations.

Yes No Documentation that demonstrates efforts made to reach agreements with the MBE/WBEs who responded to Proposer's written notice? (i.e. copy of bids/proposals, spreadsheet breakdown of MBE/WBEs considered follow-up emails/phone logs and/or correspondence between Proposer and interested MBE/WBEs).

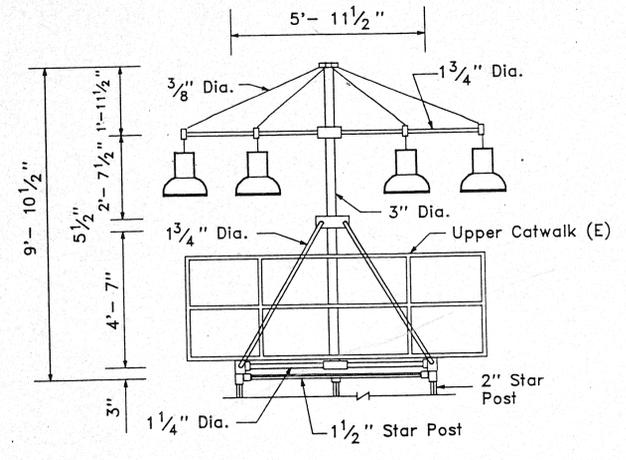


1 TOWER ELEVATION
S1 EXISTING

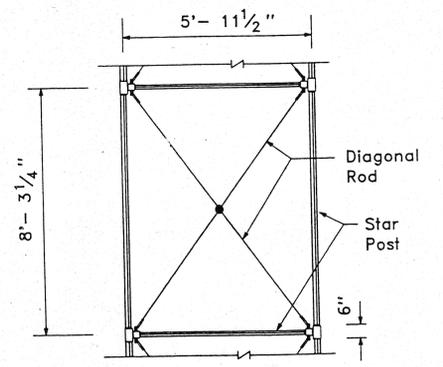
Note:
For sections D11 - D16,
vertical star posts
are 2 in., and hori-
zontal star posts are
1 1/2 in. Diagonal rods
are 1/2 in. diameter.

Note:
For sections D1 - D10,
vertical star posts
are 2 1/2 in., and hori-
zontal star posts are
2 in. Diagonal rods
are 3/8 in. diameter.

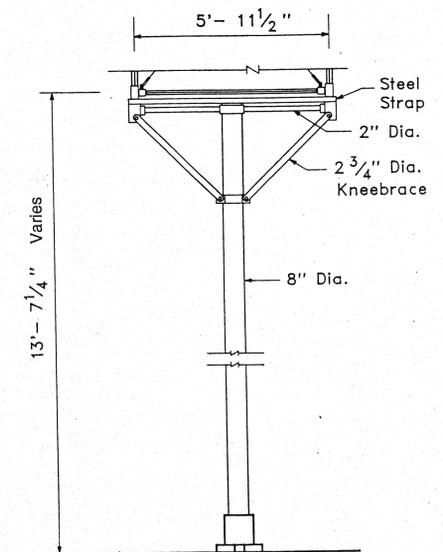
Note:
Elevator components not
shown for clarity. See
architectural sheets



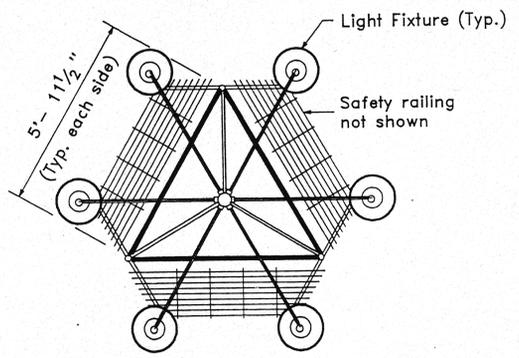
2 TOP UNIT (E & F)
S1 EXISTING



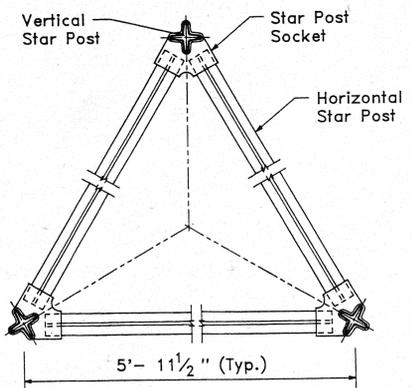
3 TYPICAL TOWER UNIT (D)
S1 EXISTING



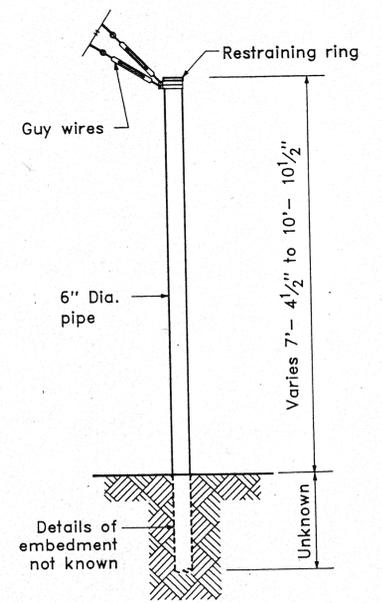
4 COLUMN (Z)
S1 EXISTING



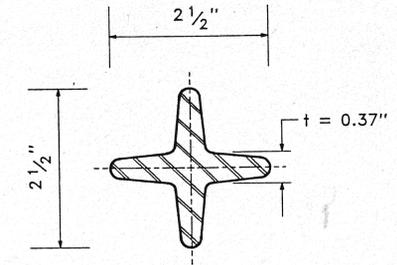
5 TOP VIEW - PLAN
S1 EXISTING



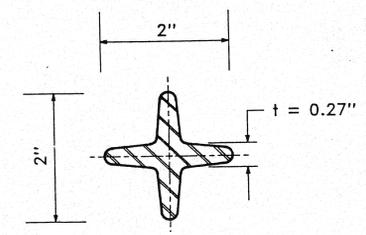
6 TYPICAL TOWER SECTION
S1 EXISTING



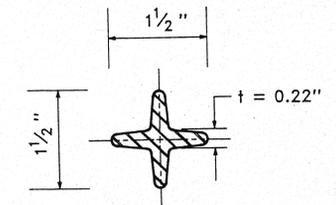
7 GUY ANCHOR POST (G)
S1 EXISTING



8 2 1/2\"/>



9 2\"/>



10 1 1/2\"/>



DAVID HOFFMAN & CO.
ARCHITECTS AND CONSULTANTS
2401 VANCE LANE AUSTIN, TEXAS 78746 (512) 327-8685

WISS, JANNEY ELSTNER ASSOC.
STRUCTURAL ENGINEERS
IRVING, TX.

TYPICAL EXISTING TOWER DETAILS

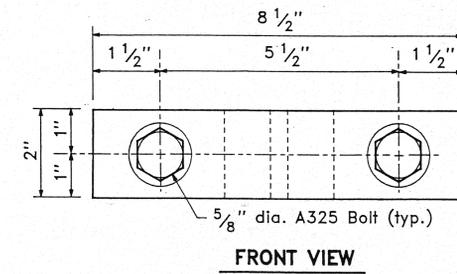
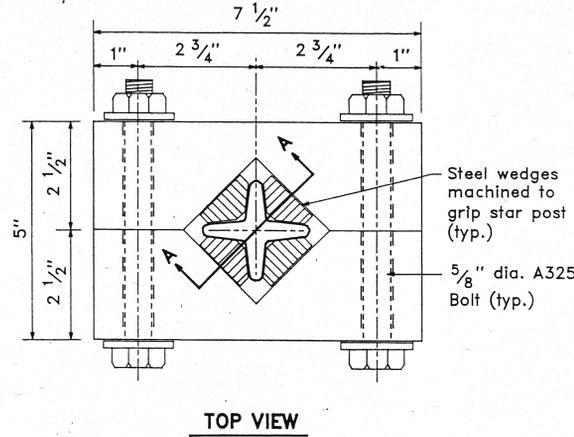
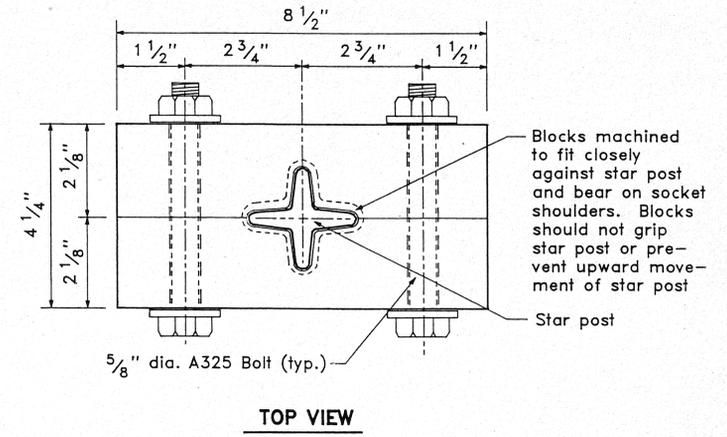
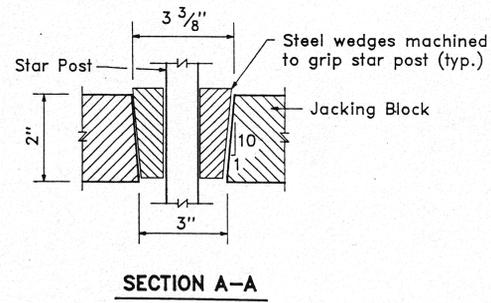
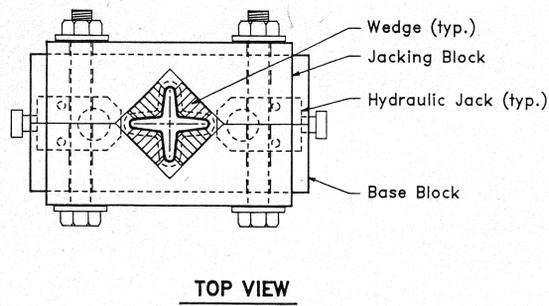
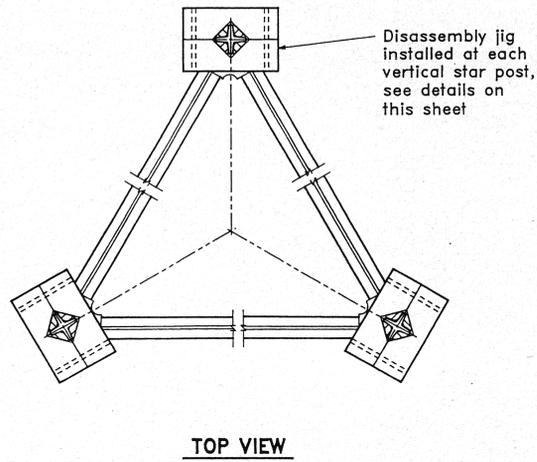
RESTORATION OF THE
MOONLIGHT TOWERS
PHASE II

ELECTRIC UTILITY DEPARTMENT CITY OF AUSTIN

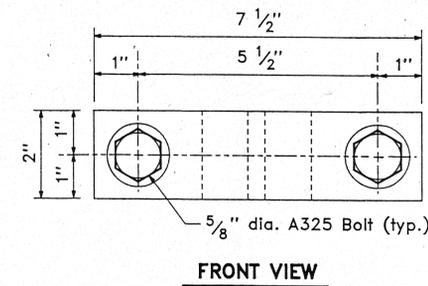
PROJECT NUMBER
DH 3-88

DATE:
11/92

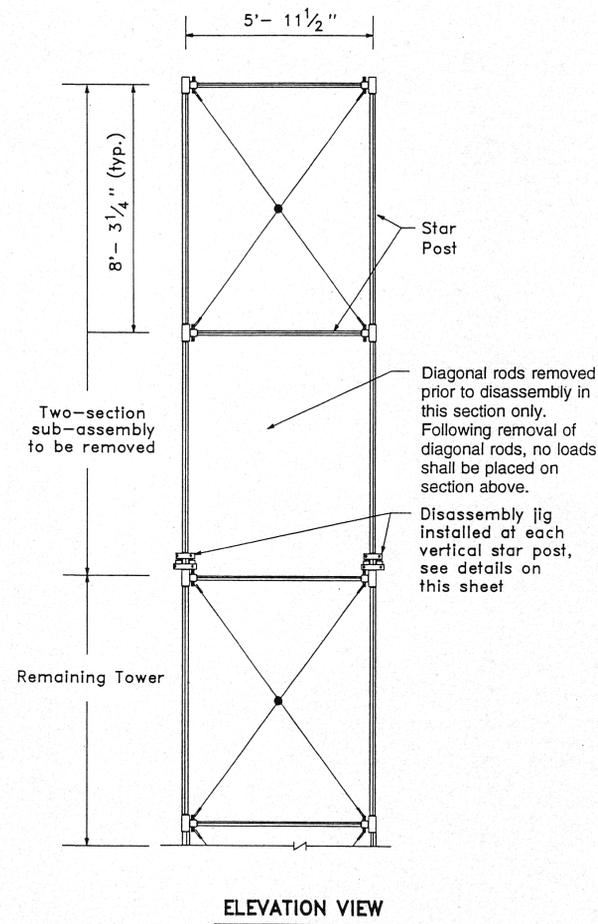
SCALE:
DRAWING NUMBER
S-1



4 BASE BLOCK DETAILS

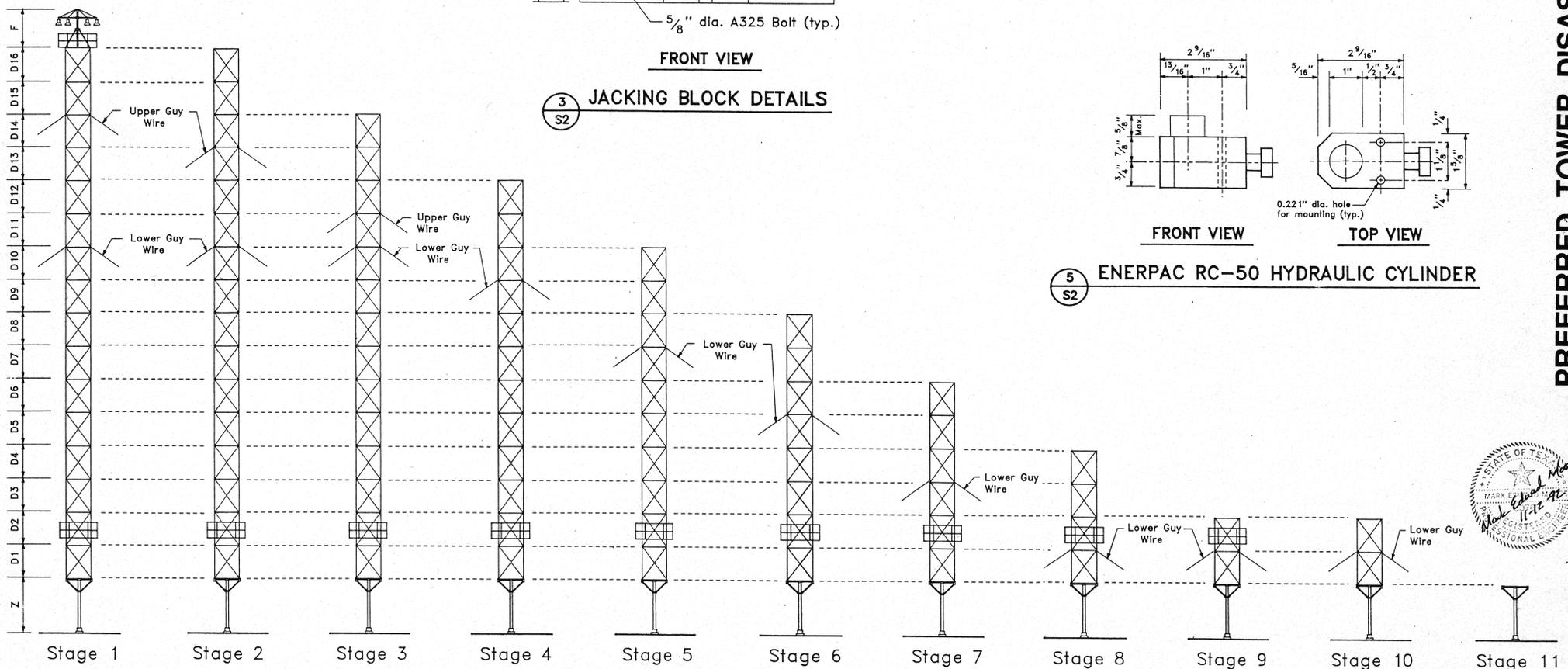


3 JACKING BLOCK DETAILS

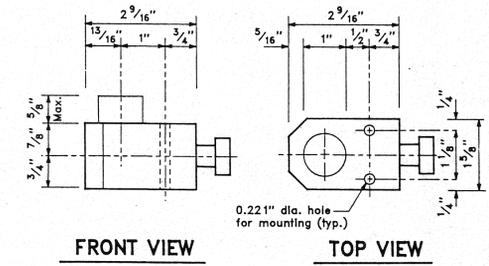


1 PLACEMENT OF DISASSEMBLY JIGS

2 DISASSEMBLY JIG INSTALLED CONFIGURATION



6 DISASSEMBLY SEQUENCE



5 ENERPAC RC-50 HYDRAULIC CYLINDER



DAVID HOFFMAN & CO.
ARCHITECTS AND CONSULTANTS
2401 VANCE LANE AUSTIN, TEXAS 78746 (512) 327-5885
WISS, JANNEY, ELSTNER ASSOC.
STRUCTURAL ENGINEERS IRVING, TX.

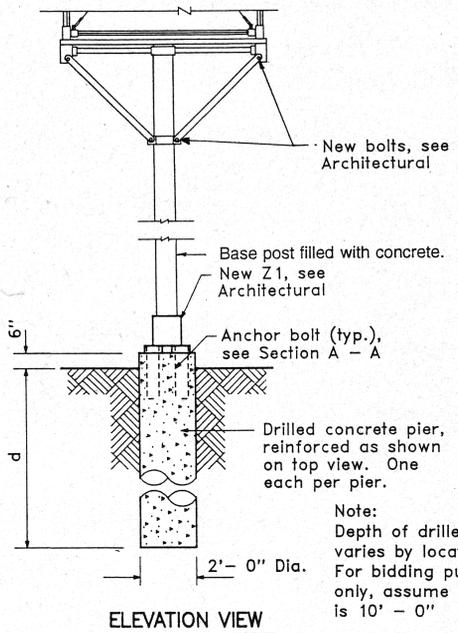
PREFERRED TOWER DISASSEMBLY DETAILS

RESTORATION OF THE
MOONLIGHT TOWERS
PHASE II
ELECTRIC UTILITY DEPARTMENT CITY OF AUSTIN

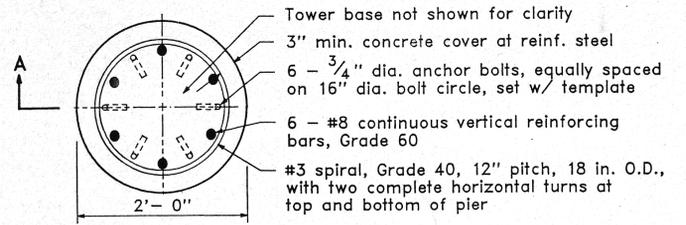
PROJECT NUMBER
DH 3-88
DATE: 11/92



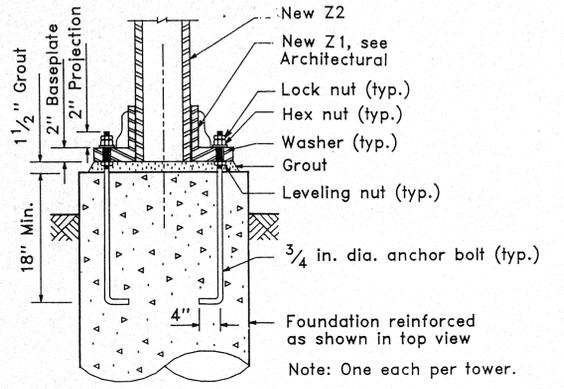
SCALE:
DRAWING NUMBER
S 2



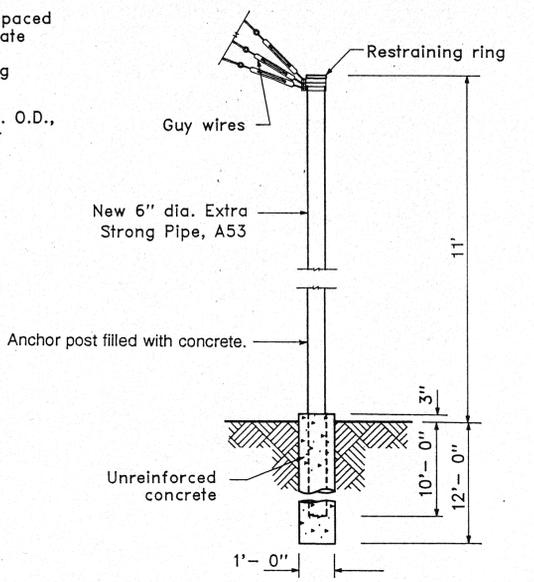
ELEVATION VIEW



TOP VIEW

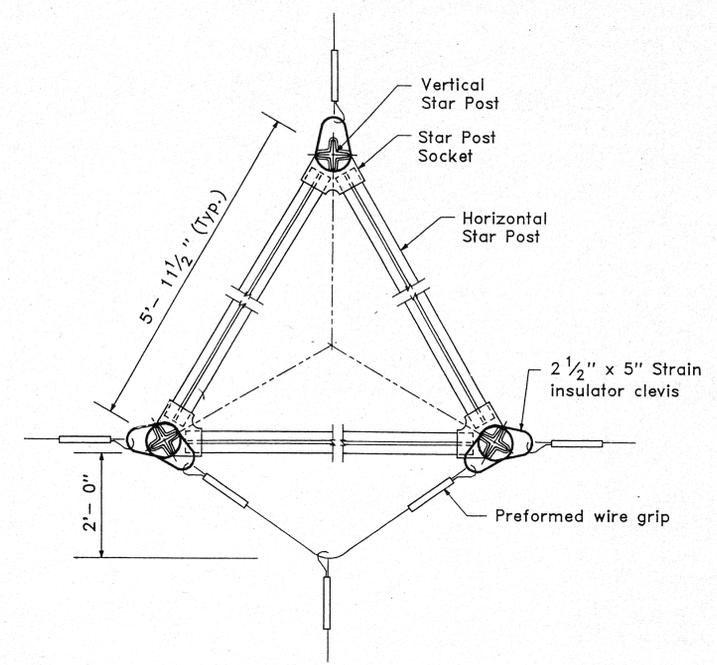


SECTION A - A



2 GUY ANCHOR POST FOUNDATION

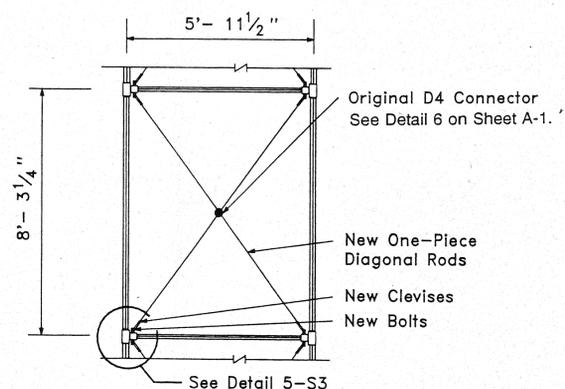
Note: Four each per tower.



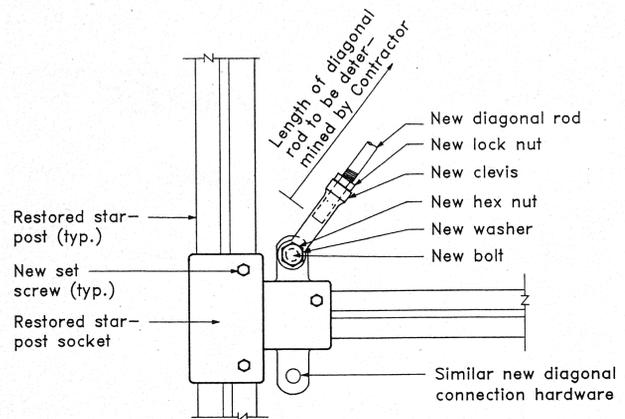
3 GUY WIRE ATTACHMENT

1 TOWER FOUNDATION DETAILS

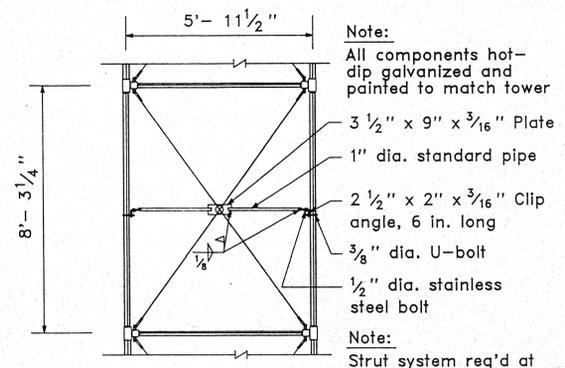
Note: See Architectural sheets for locations of towers.



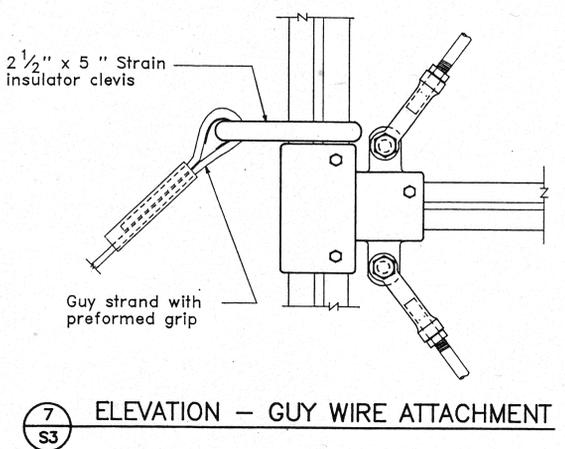
4 TYPICAL RESTORED TOWER UNIT



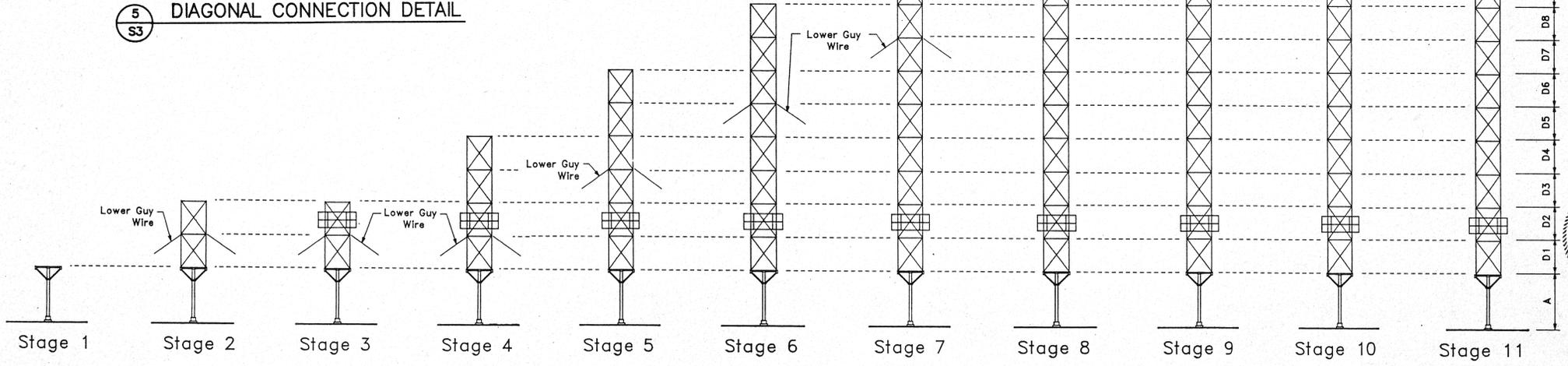
5 DIAGONAL CONNECTION DETAIL



8 TYPICAL REDUNDANT STRUT DETAIL



7 ELEVATION - GUY WIRE ATTACHMENT



6 ASSEMBLY SEQUENCE

PREFERRED TOWER RESTORATION DETAILS



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IRVING, TX.

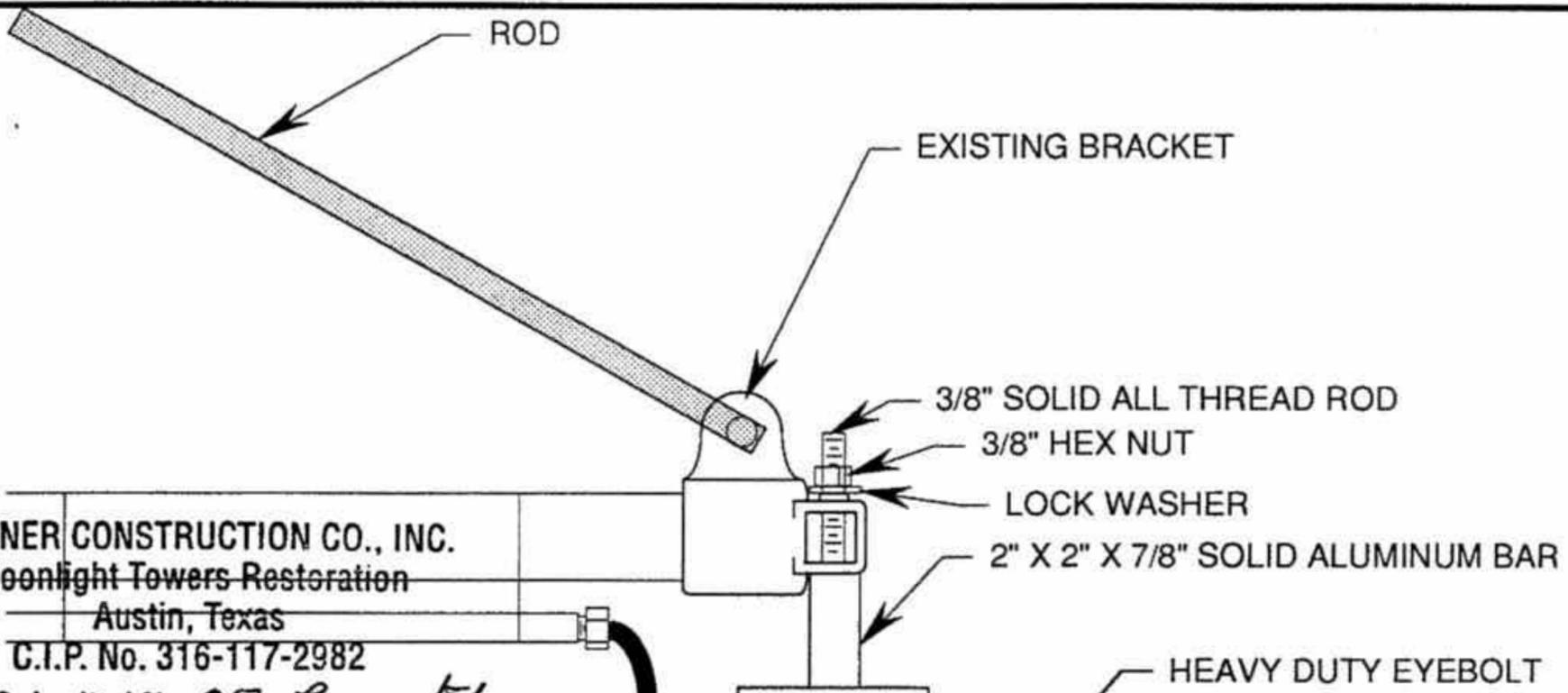
RESTORATION OF THE
MOONLIGHT TOWERS
PHASE II
ELECTRIC UTILITY DEPARTMENT
CITY OF AUSTIN

PROJECT NUMBER
DH 3-88

DATE: 11/92



SCALE:
DRAWING NUMBER
S-3



WAGNER CONSTRUCTION CO., INC.
 Moonlight Towers Restoration
 Austin, Texas

C.I.P. No. 316-117-2982

Submittal No. *OS Corrected*

- No exceptions taken *5-20-93*
- Make corrections noted *9/20/93*
- Revise and resubmit
- Action not required

NOTES:

- (1). 400 WATT MERCURY VAPOR BALLAST ASSEMBLY.
- (2). ACRYLIC GLOBE WITH TYPE "3" DISTRIBUTION.
- (3). LUMINAIRE FURNISHED PREFINISHED.
- (4). LAMP FURNISHED BY ANTIQUE STREET LAMPS, Inc.
- (5). OVERALL HEIGHT 32 1/4"
- (6). OVERALL WIDTH 22"Ø *✗*

**CITY OF AUSTIN
 MOONLIGHT TOWER.**

date: 5-19-93 scale: 1/4" = 1" dwg. no.: L-2094R1

ANTIQUÉ Street Lamps, Inc.
 8412 South Congress Austin, Texas 78745 (512) 282-9780

Lexi-Lite Cat. #700606-3