

# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

BUILDING DEPARTMENT

## PERMIT

Permit Number: 030555

Please Read Application And Notes, If Any, Attached

This is to certify that Nh6 Lr Iii Ltd/General Construction of America Inc.  
has permission to Erect Entry / Canopy for Motel  
AT 1 Riverside St Call 266 A001001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and work on permit must be completed before this building or part thereof is occupied or closed-in. **HEAR NOTICE IS REQUIRED.**

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

**OTHER REQUIRED APPROVALS**

Fire Dept. [Signature]  
Health Dept. \_\_\_\_\_  
Appeal Board \_\_\_\_\_  
Other \_\_\_\_\_  
Department Name

[Signature] 7/28/03  
Director - Building & Inspection Services

**PENALTY FOR REMOVING THIS CARD**

**City of Portland, Maine - Building or Use Permit Application**  
 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

|                       |             |                     |
|-----------------------|-------------|---------------------|
| Permit No:<br>03-0555 | Issue Date: | CBL:<br>266 A001001 |
|-----------------------|-------------|---------------------|

|   |   |  |                        |
|---|---|--|------------------------|
| Location of Construction:<br>1 Riverside St | Owner Name:<br>Nh6 Lr Iii Ltd                           | Owner Address:<br>2295 Corporate Blvd #222         | Phone:<br>770-857-1842 |
| Business Name:<br>n/a                       | Contractor Name:<br>General Construction of America, In | Contractor Address:<br>10516 C.F. Hawn Frwy Dallas | Phone:<br>2148011086   |
| Lessee/Buyer's Name<br>n/a                  | Phone:<br>n/a   | Permit Type:<br>Additions - Commercial             | Zone:<br>B4            |

|                                   |  |   |                                      |                    |
|-----------------------------------|--|---|--------------------------------------|--------------------|
| Past Use:<br>Commercial / Motel 6 | Proposed Use:<br>Motel 6; Erect Entry Way / Canopy | Permit Fee:<br>\$303.00   | Cost of Work:<br>\$40,000.00         | CEO District:<br>3 |
|                                   |  | FIRE DEPT:<br><input checked="" type="checkbox"/> Approved<br><input type="checkbox"/> Denied | INSPECTION:<br>Use Group: U Type: 2B |                    |

|  |                                  |                                  |
|--|----------------------------------|----------------------------------|
| Proposed Project Description:<br>Erect Entry / Canopy for Motel 6  | Signature:<br><i>[Signature]</i> | Signature:<br><i>[Signature]</i> |
| PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)  |                                  |                                  |
| Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied |                                  |                                  |
| Signature:   |                                  | Date:                            |

|                        |                                 |                        |
|------------------------|---------------------------------|------------------------|
| Permit Taken By:<br>gg | Date Applied For:<br>05/22/2003 | <b>Zoning Approval</b> |
|------------------------|---------------------------------|------------------------|

|  |   |   |  |
|--|---|---|--|
| 1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.<br>2. Building permits do not include plumbing, septic or electrical work.<br>3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work.. | <b>Special Zone or Reviews</b><br><input type="checkbox"/> Shoreland<br><input type="checkbox"/> Wetland<br><input type="checkbox"/> Flood Zone<br><input type="checkbox"/> Subdivision<br><input checked="" type="checkbox"/> Site Plan <i>Site plan exemption applied for</i><br>Maj <input type="checkbox"/> Minor <input checked="" type="checkbox"/> MM <input type="checkbox"/><br>Date: <i>5/29/03</i> | <b>Zoning Appeal</b><br><input type="checkbox"/> Variance<br><input type="checkbox"/> Miscellaneous<br><input type="checkbox"/> Conditional Use<br><input type="checkbox"/> Interpretation<br><input type="checkbox"/> Approved<br><input type="checkbox"/> Denied<br>Date: | <b>Historic Preservation</b><br><input checked="" type="checkbox"/> Not in District or Landmark<br><input type="checkbox"/> Does Not Require Review<br><input type="checkbox"/> Requires Review<br><input type="checkbox"/> Approved<br><input type="checkbox"/> Approved w/Conditions<br><input type="checkbox"/> Denied<br>Date: |
|--|---|---|--|

**CERTIFICATION**

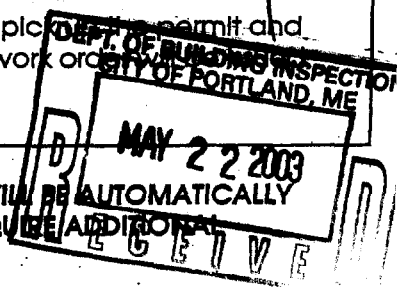
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

|   |         |      |       |
|---|---------|------|-------|
| SIGNATURE OF APPLICANT                      | ADDRESS | DATE | PHONE |
| RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE |         | DATE | PHONE |

# All Purpose Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

|  |   |  |
|--|---|--|
| Location/Address of Construction: <u>1 Riverside St, Portland, ME. 04769</u>   |   |  |
| Total Square Footage of Proposed Structure<br><u>864</u>   | Square Footage of Lot   |  |
| Tax Assessor's Chart, Block & Lot<br>Chart# <u>266</u> Block# <u>A</u> Lot# <u>OU</u>  | Owner: <u>Motel 6</u><br><u>14651 Dallas Hwy.</u><br><u>Dallas, Tx. 75240</u>   | Telephone:<br><u>(770) 857-1842</u><br><u>Tim White</u>    |
| Lessee/Buyer's Name (If Applicable)<br><u>N/A</u>  | Applicant name, address & telephone:<br><u>General Contractors of America</u><br><u>10516 C.F. Horn Frwy.</u><br><u>Dallas, TX. 75217</u> | Cost Of Work: \$ <u>40,000.00</u><br>Fee: \$ <u>303.00</u> |
| Current use: <u>Motel</u>  |   |  |
| If the location is currently vacant, what was prior use: <u>N/A</u>  |   |  |
| Approximately how long has it been vacant: <u>N/A</u>  |   |  |
| Proposed use: <u>Motel</u>   |   |  |
| Project description:<br><u>electrical entry way canopy</u>   |   |  |
| Contractor's name, address & telephone: <u>General Contractors of America, Inc</u>   |   |  |
| Who should we contact when the permit is ready: <u>Glen Duvall (214) 801-1086</u>  |   |  |
| Mailing address: <u>10516 C.F. Horn Frwy. (972) 286-9883 TX</u><br><u>Dallas, TX. 75217</u> <u>col</u>   |   |  |
| We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up. PHONE: |   |  |

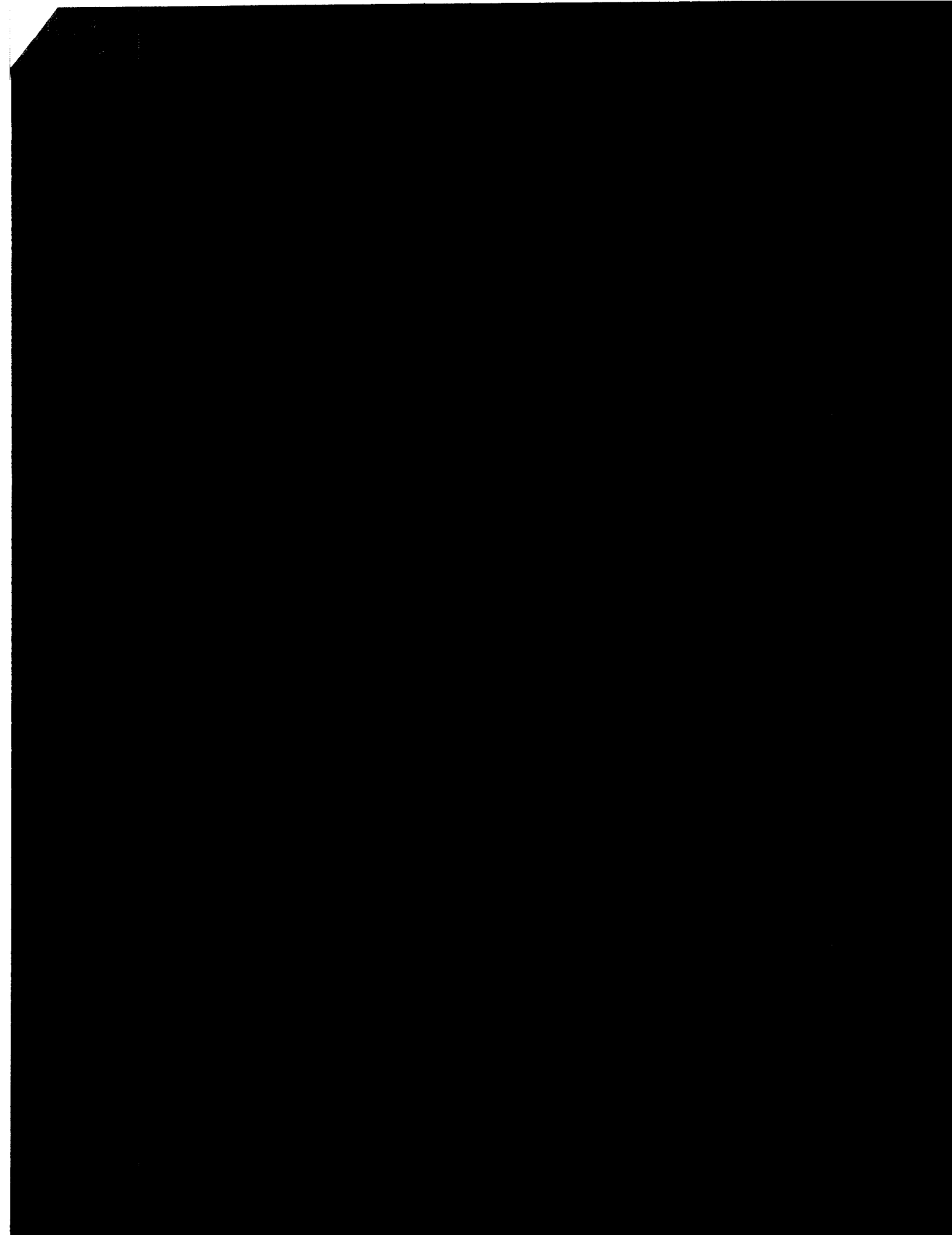


**IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.**

*I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.*

|  |                        |
|--|------------------------|
| Signature of applicant: <u>[Signature]</u> | Date: <u>20 May 03</u> |
|--|------------------------|

**This is NOT a permit, you may not commence ANY work until the permit is issued. If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall**



**Delta Structures Inc.**

2060 N. Janice Ave ♦ Melrose Park IL 60160 USA  
Phone 708-345-3400 ♦ Fax 708-345-3464 ♦ Email [deltastr@covad.net](mailto:deltastr@covad.net)

**Delta Fabrication Procedures:**

- 1) A certified welder will weld all space frame members.
- 2) All material used in the fabrication of the space frame will have material certification.
- 3) Upon completion of fabrication, Delta's Quality Inspector (Thomas Chambers) will certify that all material has been manufactured according to plans, specifications and all applicable codes.

**Delta Erection Procedures:**

- 1) All fasteners used will be ASTM A325 installed according to RCSC Specification for Structural Joints Using A325 or A490 Bolts.
- 2) Since all the top chord members are in compression the fasteners are in a simple shear condition therefore needing only to be snug tight, which only requires visual inspection.
- 3) After the space frame is hoisted into final position, a certified welder will weld it in place.
- 4) The engineer of record or his agent will do a visual inspection.

**DELTA STRUCTURES, INC**  
Space Frame Systems, Inc.

SPACE FRAME MANUAL  
MEMBER DESIGN  
MATERIAL SPECIFICATION

F-1 PAGE 2 & 2A

**SUBJECT: MATERIAL SPECIFICATION - ROUND STRUCTURAL TUBING.**

**SPECIFICATION #: SF-4730-10**

**APPROVED BY:**

**APPROVED BY:**

**DATE:**

**REV #:**

**1.0 ORDERING DESCRIPTION**

- 1.1 (mm) O.D. x (mm) wall thickness x random lengths electric resistance welded steel structural tubing, per ASTM A-500 Grade B/A-513 Type B; but with chemical, physical properties, sizes and tolerances to be per the requirements of paragraph 2.0 below.

Tubing material to be hot rolled coil.

- 1.2 Material certification of chemical and physical properties required with shipment from tubing manufacturer.
- 1.3 In addition to 1.2, certification of chemical and physical properties by an independent testing agency is required.

**2.0 CHEMICAL, PHYSICAL PROPERTIES, SIZES AND TOLERANCES**

**2.1 Chemical Property Requirements**

| C     | Si    | Mn    | P      | S      |
|-------|-------|-------|--------|--------|
| MAX   | MAX   | MAX   | MAX    | MAX    |
| 0.23% | 0.40% | 1.50% | 0.050% | 0.050% |

**2.2 Physical Property Requirements**

|                  |                               |
|------------------|-------------------------------|
| Yield Point      | 385 N/mm <sup>2</sup> Minimum |
| Tensile Strength | 500 N/mm <sup>2</sup> Minimum |
| Elongation       | 20% Minimum                   |

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DATE ISSUED REV #  
JAN. 01, 2002 1

**DELTA STRUCTURES, INC.**  
Space Frame Systems, Inc.**SPACE FRAME MANUAL**  
**MEMBER DESIGN**  
**MATERIAL SPECIFICATION**  
F-1 page 2 & 2 A**2.3 Sizes and Tolerances**

| <u>SIZE</u> | <u>TOLERANCE</u> |
|-------------|------------------|
| O.D.        | +/-              |
| mm          | mm               |
| 42.7        | 0.25             |
| 60.5        | 0.30             |
| 76.3        | 0.38             |
| 89.1        | 0.45             |
| 101.6       | 0.51             |
| 114.3       | 0.57             |
| 139.8       | 0.70             |
| 165.2       | 0.83             |
| 190.7       | 0.95             |
| 216.3       | 1.08             |
| 267.4       | 1.34             |
| 318.5       | 1.59             |
| 355.6       | 1.78             |

| <u>SIZE</u>           | <u>TOLERANCE</u> |
|-----------------------|------------------|
| <u>WALL THICKNESS</u> | +/-              |
| mm                    | mm               |
| 2.3                   | 0.17             |
| 2.8                   | 0.21             |
| 3.2                   | 0.24             |
| 3.6                   | 0.27             |
| 4.0                   | 0.30             |
| 4.5                   | 0.34             |
| 5.0                   | 0.38             |
| 5.6                   | 0.42             |
| 6.0                   | 0.45             |
| 7.0                   | 0.53             |
| 8.0                   | 0.60             |
| 9.0                   | 0.68             |
| 12.0                  | 0.90             |

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**DATE ISSUED REV #**  
**JAN. 01, 2002**

DELTA STRUCTURES, INC.  
Space Frame Systems, Inc.

SPACE FRAME MANUAL  
MEMBER DESIGN  
MATERIAL SPECIFICATIONS

F - 1 PAGE 3

SUBJECT: MATERIAL SPECIFICATION - HOT FORGED  
STRUCTURAL STEEL -- NODES

SPECIFICATION #: SF-4730-20

APPROVED BY:

APPROVED BY:

DATED:

REV #: 1

1.0 ORDERING DESCRIPTION

- 1.1 Nodes shall be hot forged from material conforming to ASTM A563 Grade B with chemical and physical properties to be per the requirements of paragraph 2.0 below. Parts shall be well finished and free from harmful defects to use.
- 1.2 Material certification of chemical and physical properties required with shipment from mill.
- 1.3 In addition to 1.2, test certificates by an independent testing agency are required.

2.0 CHEMICAL, PHYSICAL PROPERTIES, SIZES AND TOLERANCES

2.1 Chemical property requirements

| <u>C</u>             | <u>Si</u>            | <u>Mn</u>            | <u>P</u> | <u>S</u>  |
|----------------------|----------------------|----------------------|----------|-----------|
| 0.42%Min<br>0.48%Max | 0.15%Min<br>0.35%Max | 0.60%Min<br>0.90%Max | 0.03%Max | 0.035%Max |

2.2 Physical Property Requirements

Yield Point 343 N/mm<sup>2</sup> Minimum  
Tensile Strength 569 N/mm<sup>2</sup> Minimum  
Elongation 20% Minimum

DATE ISSUED REV #  
JAN. 01, 2002



**DELTA STRUCTURES, INC.**  
Space Frame Systems, Inc.

SPACE FRAME MANUAL  
DESIGN MEMBER  
MATERIAL SPECIFICATION

F - 1 PAGE 5

**SUBJECT: MATERIAL SPECIFICATION - HOT FORGED STRUCTURAL STEEL -- CONES**

**SPECIFICATION #: SF-4730-40**

**APPROVED BY:**

**APPROVED BY:**

**DATE:**

**REV #: 1**

**1.0 ORDERING DESCRIPTION**

- 1.1 Cones shall be hot forged from material conforming to ASTM A - 668 Class A with chemical and physical properties to be per the requirements of paragraph 2.0 below. Parts shall be well finished and free from harmful defects to use.
- 1.2 Material certification of chemical and physical properties required with shipment from mill.
- 1.3 In addition to 1.2, test certificates by an independent testing agency are required.

**2.0 CHEMICAL, PHYSICAL PROPERTIES, SIZES AND TOLERANCES**

**2.1 Chemical property requirements**

| <u>C</u> | <u>Si</u> | <u>Mn</u> | <u>P</u> | <u>S</u>  |
|----------|-----------|-----------|----------|-----------|
| 0.18%Min | 0.15%Min  | 0.30%Min  |          |           |
| 0.23%Max | 0.35%Max  | 0.60%Max  | 0.03%Max | 0.035%Max |

**2.2 Physical property requirements**

|                  |                  |
|------------------|------------------|
| Yield Point      | 245 N/mm2Minimum |
| Tensile Strength | 402 N/mm2Minimum |
| Elongation       | 28% Minimum      |

**DELTA STRUCTURES, INC.**  
Space Frame Systems, Inc.

**SPACE FRAME MANUAL**  
**MEMBER DESIGN**  
**MATERIAL SPECIFICATION**

F - I PAGE 6 6A

**SUBJECT: MATERIAL SPECIFICATION - BOLTS 8.8**

**SPECIFICATION #: SF-4730-50**

**APPROVED BY :**

**APPROVED BY:**

**DATE:**

**REV #: 1**

**1.0 ORDERING DESCRIPTION**

**1.1 All bolts shall be of American Standard Dimensions as designated by the design loads given in the structural analysis. Bolts shall meet the requirements of either ASTM A-307 or A-449 as required by design and structural analysis.**

**Use of A - 325 or A - 490 bolts shall conform to the requirements of AISC specification dated November 13, 1985.**

**1.2 Material certification of chemical and physical properties required with shipment from mill.**

**1.3 In addition to 1.2, test certificates by an independent testing agency are required.**

**1.4 Bolts are to be electro-galvanized to a minimum coating thickness of 8 microns. All practices must be in accordance with ASTM B633-85 to minimize the risk of hydrogen embrittlement and relieve additional stresses in the bolt which could be caused by the electro-galvanizing process. Any bolts that are A490 shall be cadmium plated.**

**2.0 CHEMICAL, PHYSICAL PROPERTIES, SIZES AND TOLERANCES**

**2.1 Chemical property requirements**

| <u>C</u> | <u>Si</u> | <u>Mn</u> | <u>P</u> | <u>S</u> |
|----------|-----------|-----------|----------|----------|
| 0.33%Min | 0.15%Min  | 0.60%Min  |          |          |
| 0.38%Max | 0.35%Max  | 0.85%Max  | 0.03%Max | 0.03%Max |

**DELTA STRUCTURES, INC.**  
Space Frame Systems, Inc.

SPACE FRAME MANUAL  
MEMBER DESIGN  
MATERIAL SPECIFICATION

F - 1 PAGE 9 & 9A

**SUBJECT: MATERIAL SPECIFICATION - WELDING WIRE SM-70**

**SPECIFICATION #: SF-4730-80**

**APPROVED BY:**

**APPROVED BY:**

**DATE:**

**REV #:**

**1.0 ORDERING DESCRIPTION**

- 1.1 Welding wire shall conform to American Welding Standard Number ER70S-6.
- 1.2 Material certification of chemical and physical properties required with shipment from mill.
- 1.3 In addition to 1.2, test certificates by an independent testing agency are required.

**2.0 CHEMICAL, PHYSICAL PROPERTIES, SIZES AND TOLERANCES**

**2.1 Typical chemical composition**

| <u>C</u> | <u>Si</u> | <u>Mn</u> | <u>P</u> | <u>S</u> |
|----------|-----------|-----------|----------|----------|
| 0.09%    | 0.41%     | 1.10%     | 0.012%   | 0.011%   |

**2.2 Physical property requirements**

|                  |                  |
|------------------|------------------|
| Yield Stress     | 44 KG/mm2Minimum |
| Tensile Strength | 55 KG/mm2Minimum |
| Elongation       | 30% Minimum      |

**3.0 ATMOSPHERE**

- 3.1 Welding atmosphere will be appropriate CO2 and AR mixture to meet the physical requirements.

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NOTE




| DATE | REVISIONS | BY |
|------|-----------|----|
|      |           |    |
|      |           |    |
|      |           |    |
|      |           |    |

Project: **CAMPUS**  
Hotel 6  
Portland, Maine

Subject: **SPACE FRAME STRUCTURE**

Engineering  
**DELTA STRUCTURES**  
260 N. JAMES AVENUE  
MELROSE PARK, N. 60160

Drawn established by  
**DELTA STRUCTURES INC.**



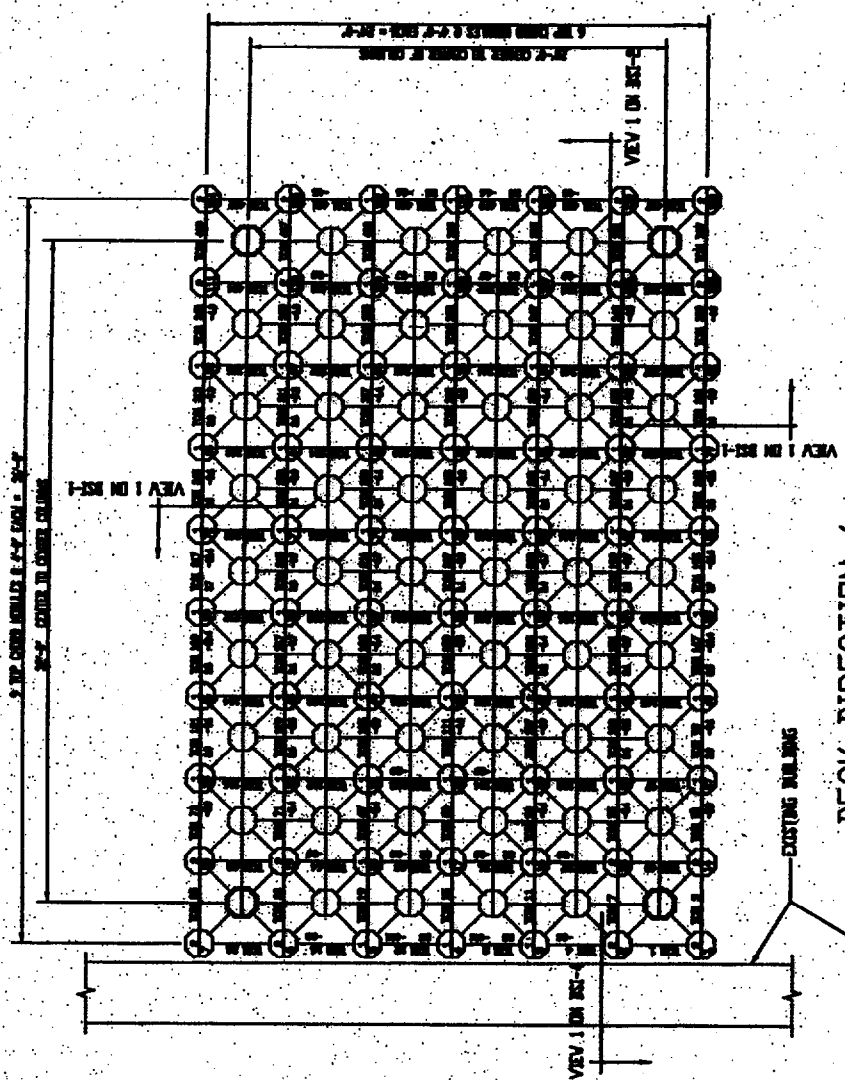
260 N. JAMES AVENUE  
MELROSE PARK, N. 60160  
Phone: 708-345-3400  
Fax: 708-345-3464

Drawing title:  
**TOP CHORD PLAN  
GENERAL NOTES**

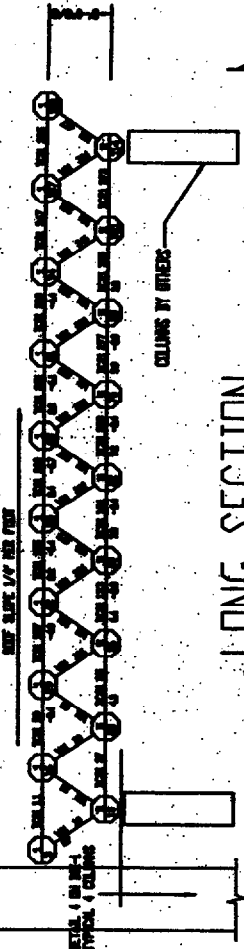
DATE: 7 APRIL 83  
SCALE: SEE DETAILS  
SHEET NO.: 22049  
PROJECT: DS1-1

**DESIGN CRITERIA**  
THE DESIGN IS FOR THE SPACE FRAME ONLY. DESIGN MEETS OR EXCEEDS THE MINIMUM REQUIREMENTS OF THE LISTED CODE AND THE REQUIREMENTS OF THE LISTED CODE AND THE AISC MANUAL OF STEEL CONSTRUCTION, ASD, 9TH EDITION.  
SUPERIMPOSED DEAD LOAD 5 PSF  
SPACE FRAME SELF WEIGHT 5 PSF  
GROUND SNOW LOAD 50 PSF  
DESIGN WIND SPEED/EXPOSURE 70 65 MPH  
SEISMIC GROUND ACCELERATION (A<sub>v</sub>) 0.15  
DESIGN SOIL PRESSURE 2000 PSF  
CODE: 1999 DELTA  
FOR MORE DETAIL SEE LONGHAND CALCULATIONS

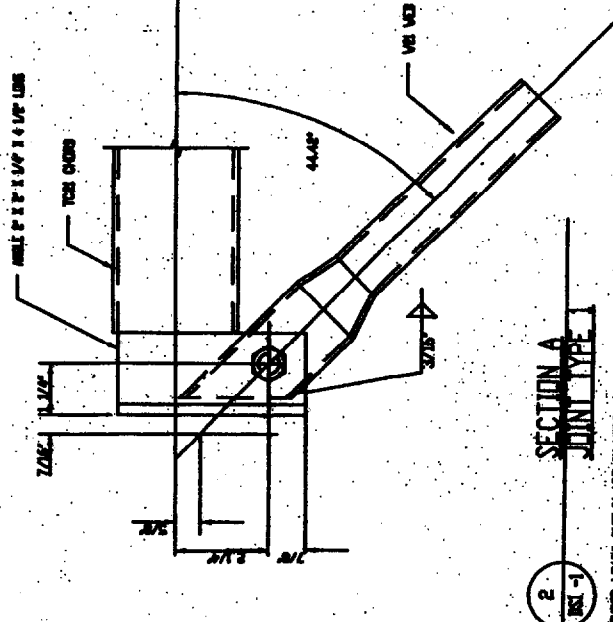
**GENERAL NOTES**  
1. ALL SQUARE TUBE SHALL CONFORM TO A500 OR B OR EQUIVALENT.  
2. ALL PIPE SHALL CONFORM TO A53 TYPE E, F1-45 K35.  
3. ALL WELDING SHALL CONFORM TO AWS STANDARDS AND BE E70XX.  
4. ALL MATERIAL SHALL BE PAINTED HOTEL 6 BLUE.  
5. ALL FABRICATION SHALL BE ELECTRO-GALVANIZED ACCORDING TO ASTM A653-85.  
6. ALL CONCRETE SHALL HAVE A MINIMUM FC OF 4000 PSI SUPPLIED BY OTHERS.  
7. ALL CONCRETE RE-INFORCING BARS SHALL HAVE A MINIMUM YIELD STRENGTH OF 60 KSI, SUPPLIED BY OTHERS.  
8. TUBE SIZES AND WEIGHTS:  
T22 - ST 2 X 2 X 1/8" WALL  
V21 - 1" PIPE 1.315" OD X .089" WALL  
V24 - 1 1/2" PIPE 1.915" OD X .089" WALL  
M22 - 1 1/2" PIPE 1.915" OD X .089" WALL  
M22 - 1 1/2" PIPE 1.915" OD X .089" WALL



DECK DIRECTION  
**TOP CHORD PLAN**

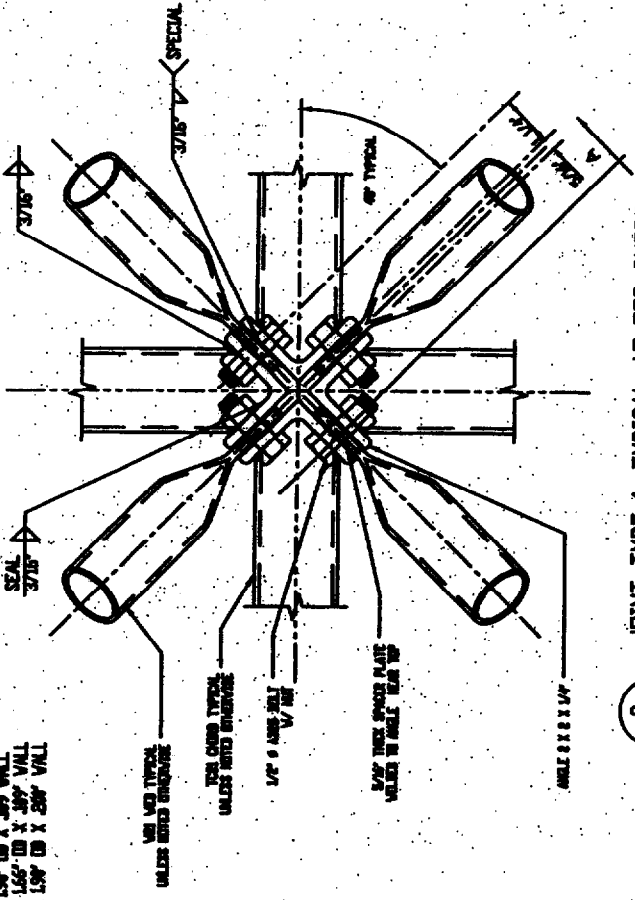


**LONG SECTION**

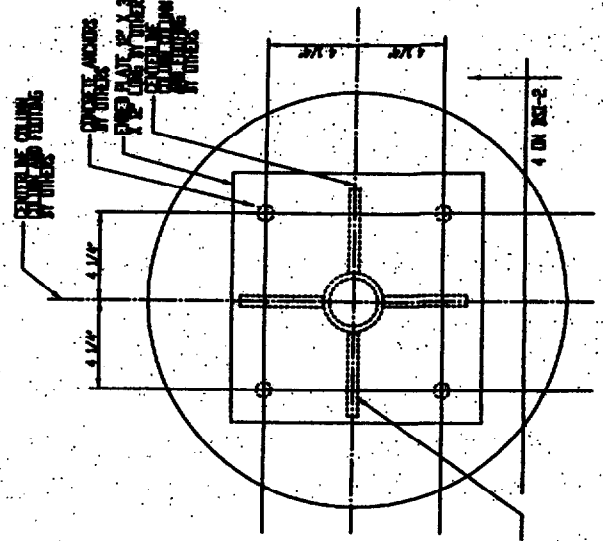


**SECTION A**  
JOINT TYPE 1

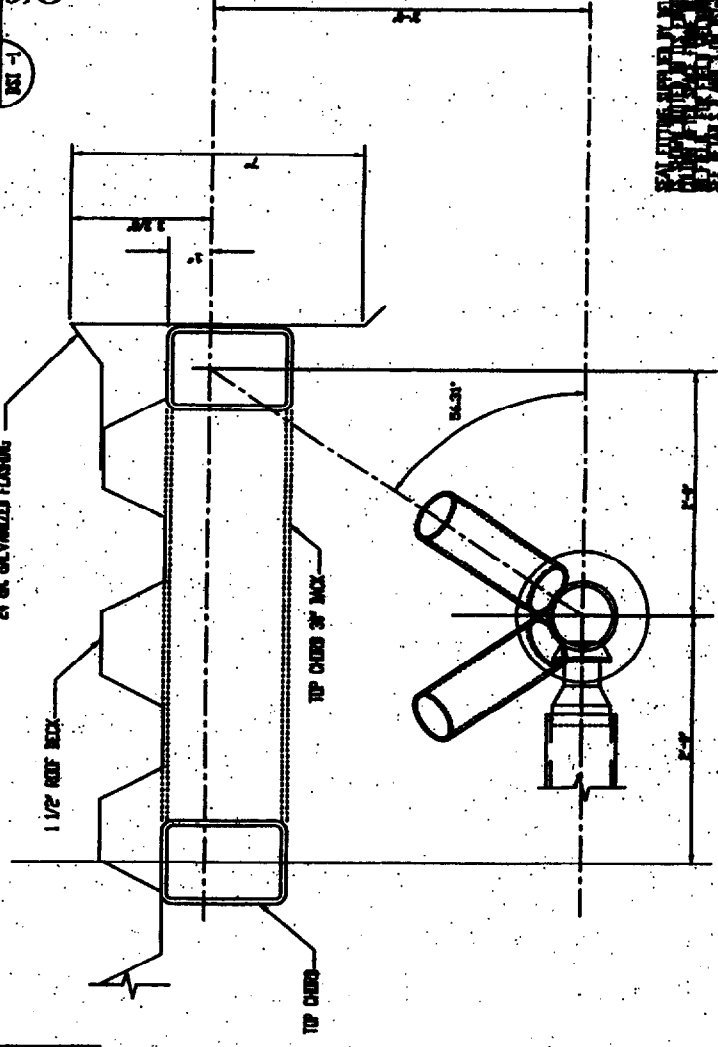
MEMBER LENGTHS SHOWN ARE IN FEET. ONLY MEMBER LENGTHS TO BE SHOWN.



**3** JOINT TYPE 1, TYPICAL AT TOP CHORD, SEE PLAN FOR LOCATIONS DS1-1 (JOINT SHOWN LOOKING FROM BOTTOM CHORD UP)



**4** TYPICAL SUPPORT PLATE DETAIL



**1** TYPICAL EDGE DETAIL

SEE PLAN FOR ALL DIMENSIONS OF THIS JOINT TYPE 1. SEE PLAN FOR ALL DIMENSIONS OF THIS JOINT TYPE 1.

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NOTE



10 Apr 03

DATE REVISIONS

Project: CANOPY Hotel 6 Portland, Maine

Subject: SPACE FRAME STRUCTURE

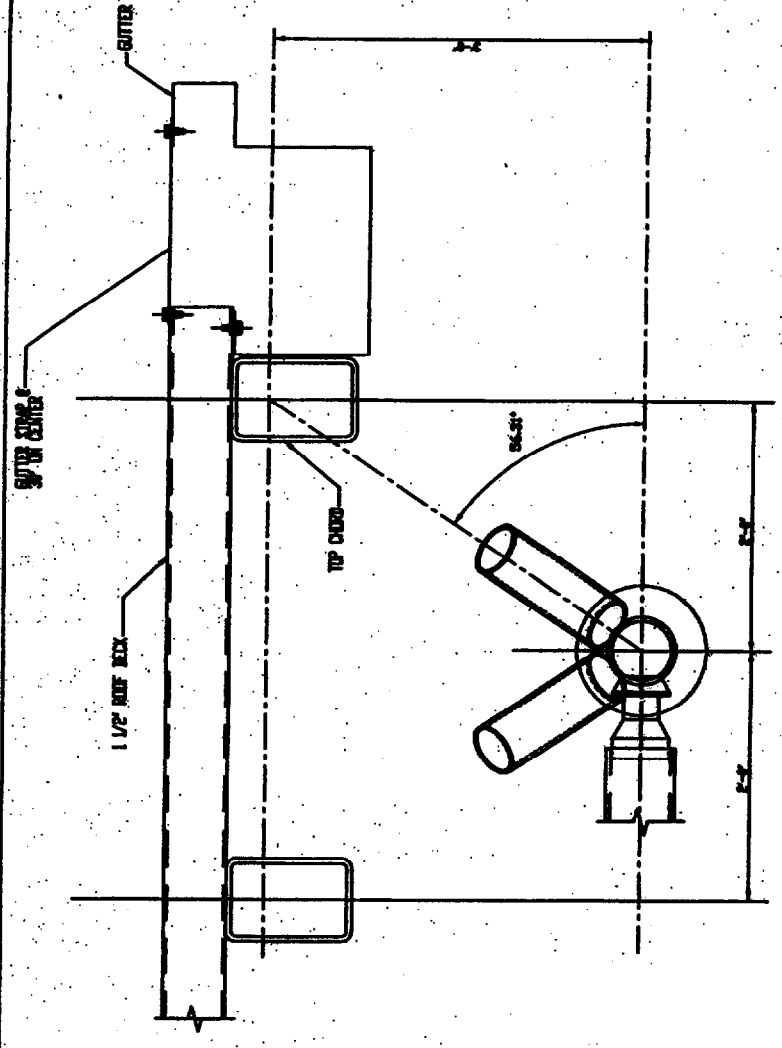
Engineering: DELTA STRUCTURES 2860 N. JIMMIE AVENUE MELROSE PARK, IL 60069

Delta Structures, Inc. 2860 N. JIMMIE AVENUE MELROSE PARK, IL 60069 Phone: 708-345-3400 Fax: 708-345-3464

Drawing title: BOTTOM CHORD PLAN

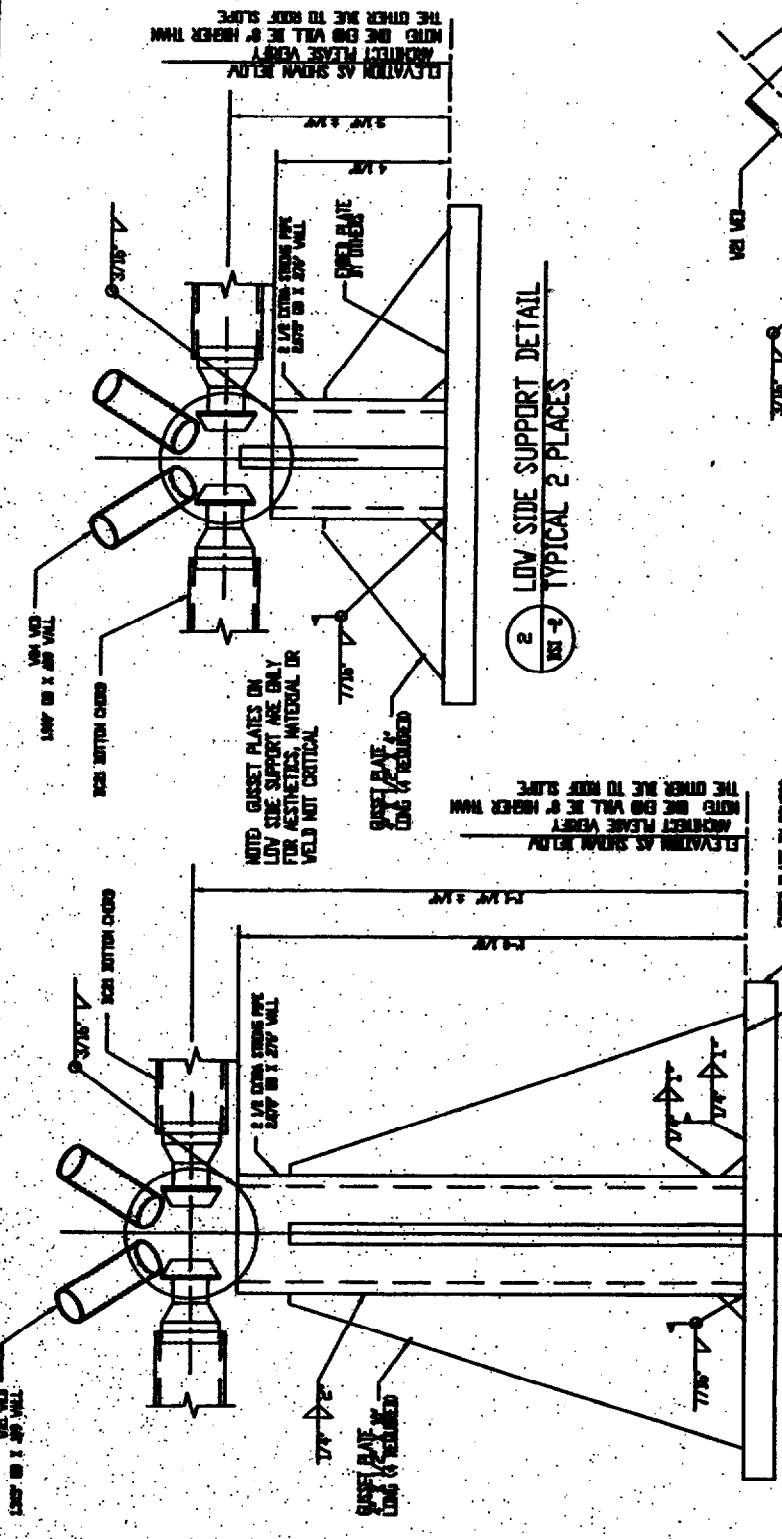
DATE: 7 April 03  
SCALE: SEE DETAILS  
DRAWN BY: TDS  
CHECKED BY:

22049 DSI-2



1. TYPICAL EDGE DETAIL

10 Apr 03

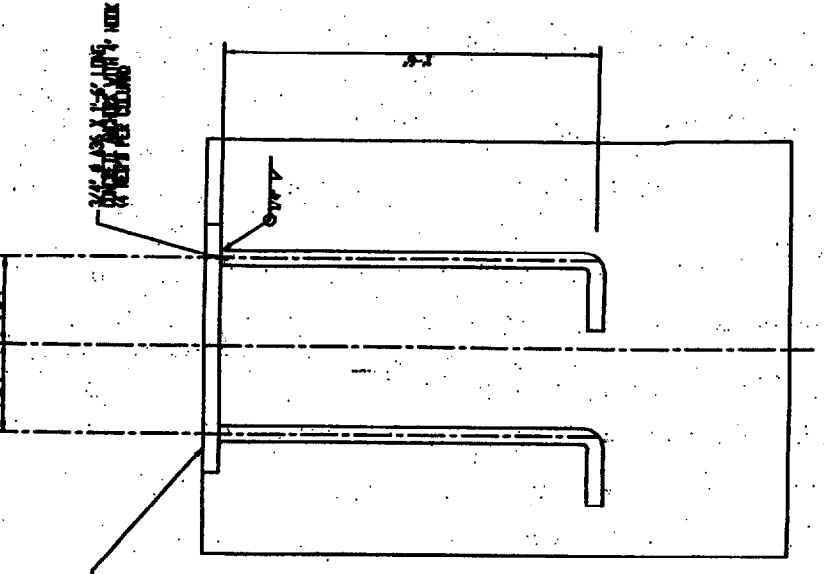


3. HIGH SIDE SUPPORT DETAIL TYPICAL 2 PLACES

2. LOW SIDE SUPPORT DETAIL TYPICAL 2 PLACES

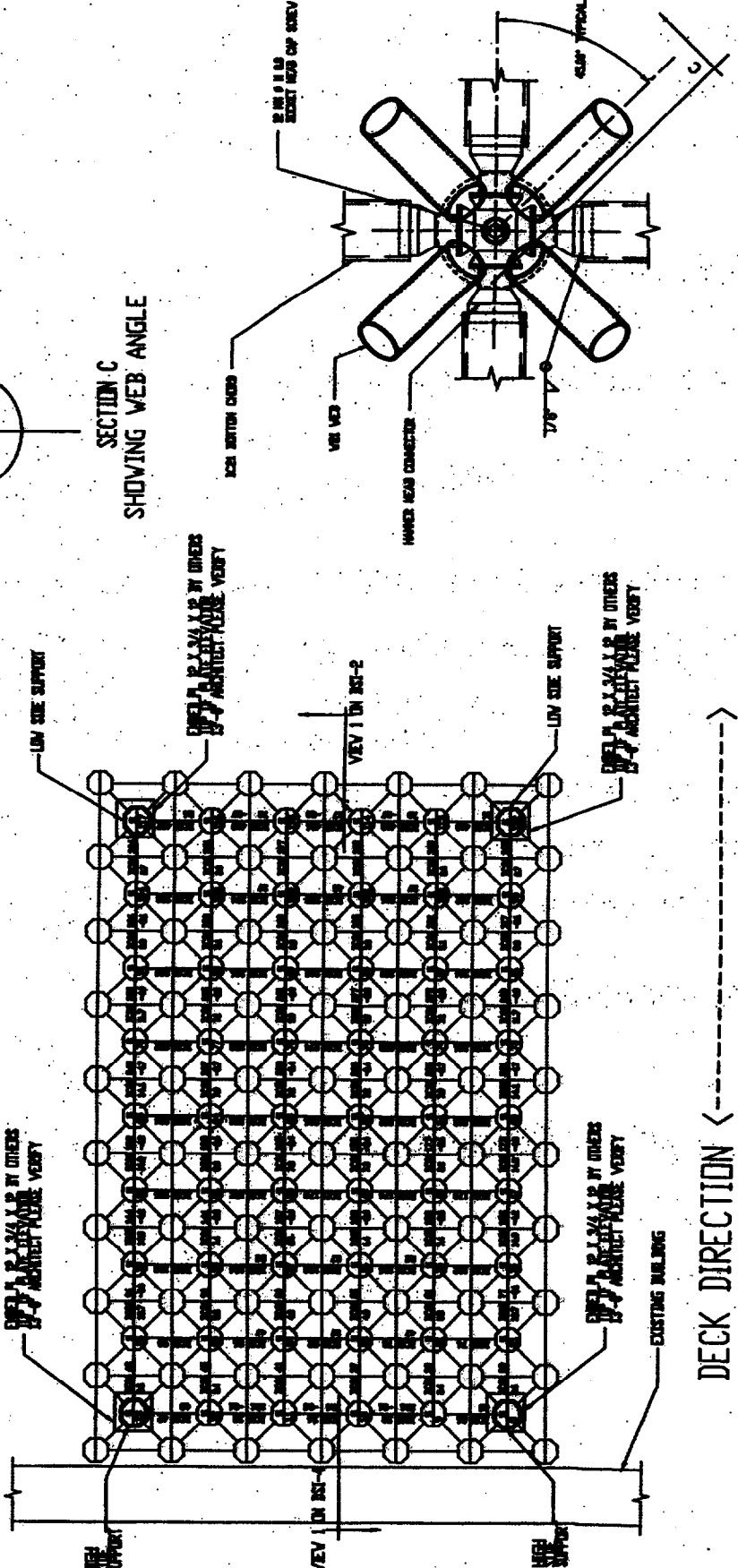


SECTION C SHOWING WEB ANGLE



4. EMBED PLATE DETAIL

ALL MATERIAL SUPPLIED AND INSTALLED BY OTHERS



BOTTOM CHORD PLAN

JOINT TYPE 5, TYPICAL AT BOTTOM CHORD SHOWS SPHERICAL JOINT. SEE DSI-2 FOR LOCATIONS. NODES SHOWN WITH 4 VEES AND 4 CHORDS.

MEMBER LONG SIDE ARE 3" CFS. ONLY MEMBER LONG > 30" ARE SHOWN


DECK DIRECTION

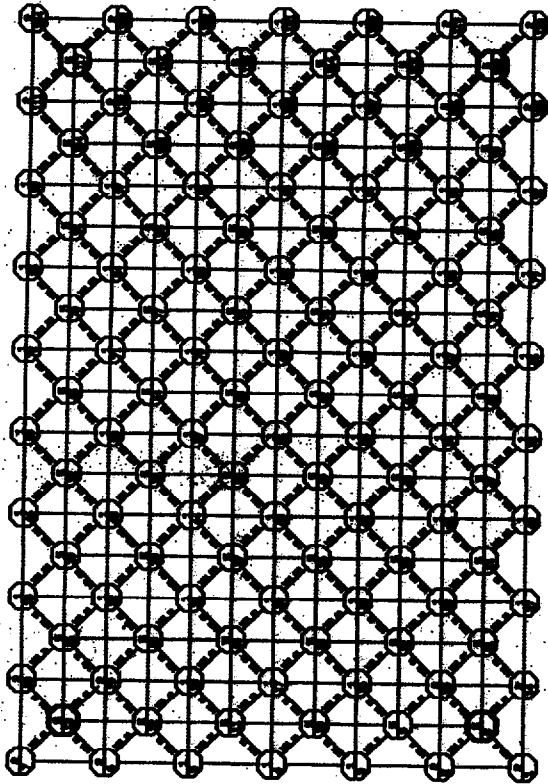
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NOTE

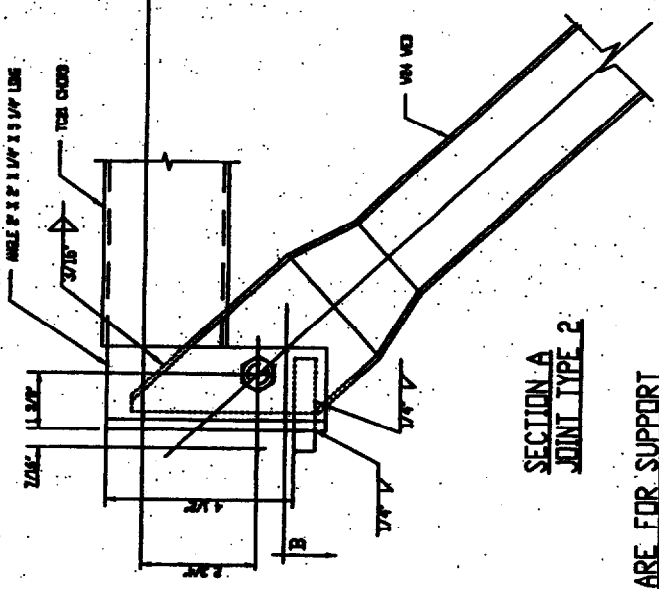


James J.  
10 Apr 68

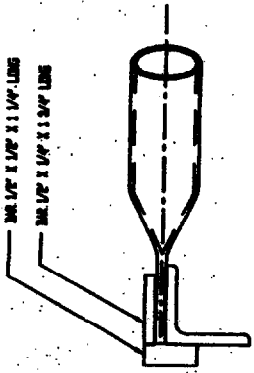
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|-----------------------|---|---------|
| DATE                  | REVISIONS   | N°      |
| PROJECT               | CANOPY  |         |
|                       | Model 6   |         |
|                       | Port-Bland, N.H.  |         |
| Subject               | SPACE FRAME STRUCTURE   |         |
| Engineering           | DELTA STRUCTURES<br>2660 N. JAMDE AVENUE<br>MELROSE PARK, IL 60660  |         |
| Design established by | DELTA STRUCTURES INC.   |         |
|                       | <br>2660 N. JAMDE AVENUE<br>MELROSE PARK, IL 60660<br>Phone: 708-345-3400<br>Fax: 708-345-3464 |         |
| Drawing Title         | ERECTION PLAN   |         |
| DATE                  | SCALE   | DATE BY |
| 7 April 68            | SEE DETAILS   | TJS     |
| 22049                 |   | DSI-3   |



WEB PLAN

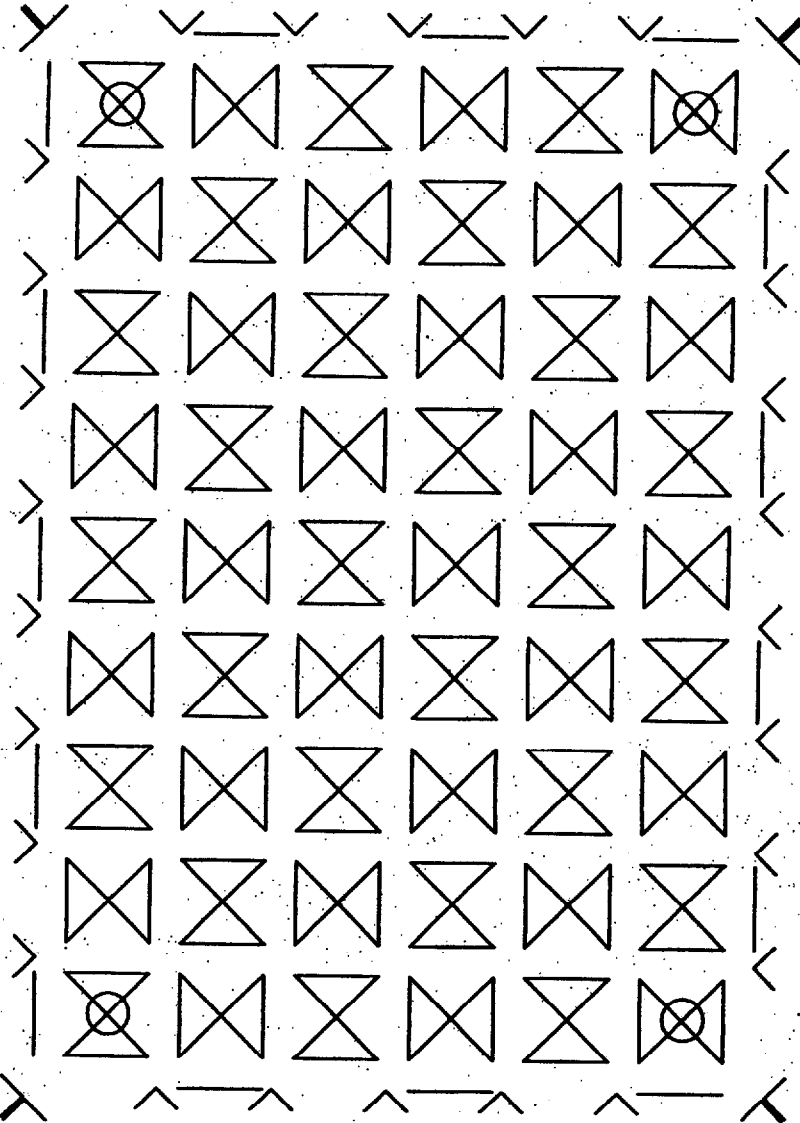


SECTION A  
JOINT TYPE 2










SECTION B  
SHOWING SHEAR BARS

THESE SECTIONS ARE FOR SUPPORT PYRAMID WITH SHEAR BARS



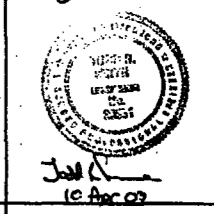
ERECTION PLAN

- 
 STANDARD PYRAMID  
 CHORDS ST 2" X 2" X .080 WALL  
 VENTS 1/2" PIPE 1.500" OD X .080 WALL  
 ANGLES 2" X 2" X 1/4" X 4 1/2" LONG  
 QTY = 39
  - 
 SUPPORT PYRAMID  
 CHORDS ST 3" X 2" X .080 WALL  
 VENTS 1/2" PIPE 1.500" OD X .080 WALL  
 ANGLES 2" X 2" X 1/4" X 5 1/4" LONG WITH SHEAR BARS  
 QTY = 4
  - 
 EDGE CHORD  
 CHORDS ST 3" X 2" X .080 WALL  
 ANGLES 2" X 2" X 1/4" X 4 1/2" LONG  
 QTY = 14
  - 
 EDGE ANGLE  
 ANGLES 2" X 2" X 1/4" X 4 1/2" LONG  
 QTY = 26
  - 
 CORNER DOUBLE ANGLE  
 ANGLES 2" X 2" X 1/4" X 4 1/2" LONG  
 QTY = 4
  - 
 BOTTOM CHORD B2C1  
 CHORDS 1 1/2" PIPE 1.660" OD X .080 WALL  
 HANGER BEARS  
 QTY = 76
  - 
 BOTTOM CHORD B2C2  
 CHORDS 1 1/2" PIPE 1.500" OD X .080 WALL  
 HANGER BEARS  
 QTY = 18
- TOTAL MEMBER COUNT V21 = 200  
 V21 = 5  
 V21 = 10  
 V21 = 5

MEMBER LONG SHOW ARE IN FEET  
 ALL DIMENSIONS TO FACE UNLESS SHOWN

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NOTE



| DATE | REVISIONS | N° |
|------|-----------|----|
|      |           |    |

Project: CANOPY  
Hotel 6  
Portland, Maine

Object: SPACE FRAME STRUCTURE

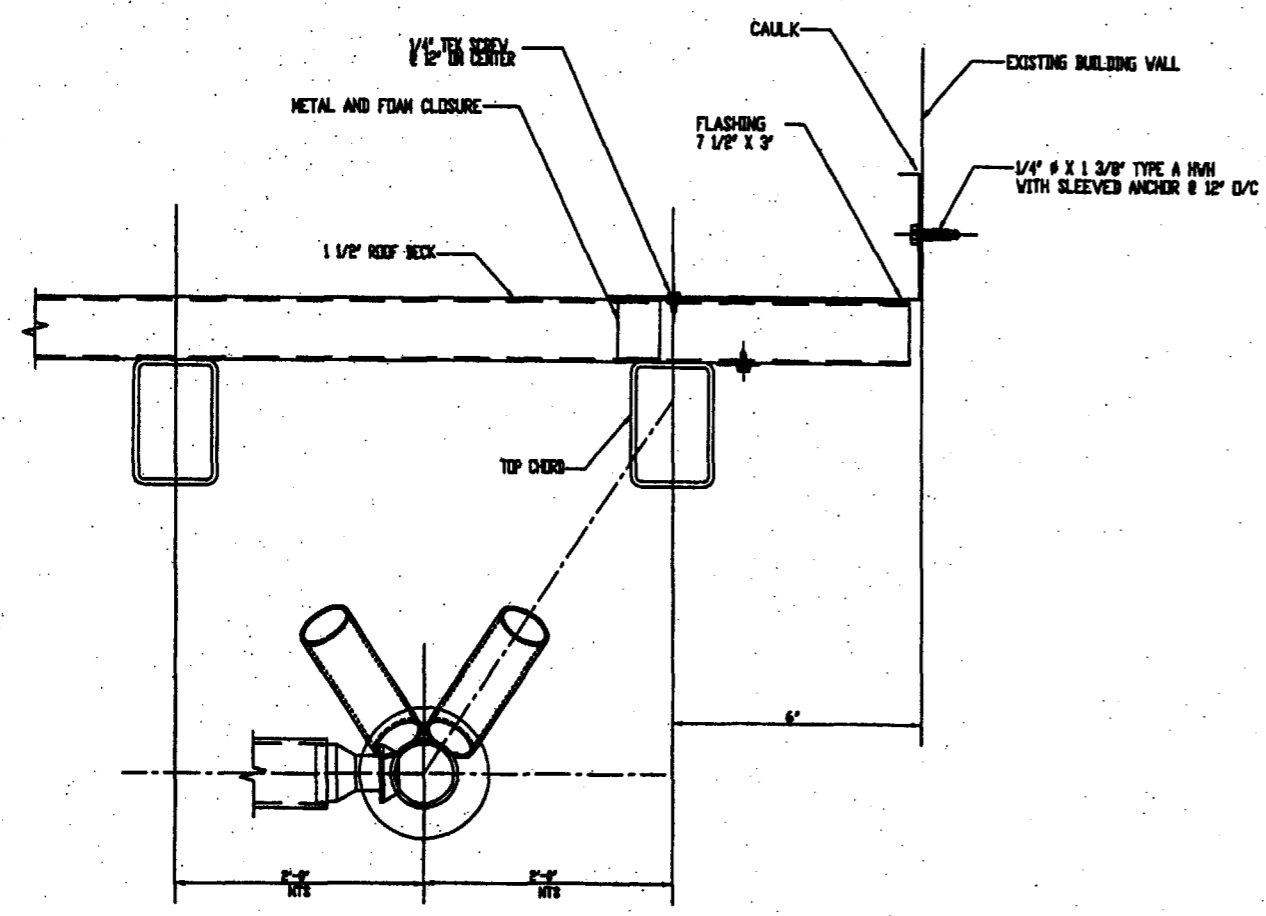
Engineering:  
DELTA STRUCTURES  
2060 N. JANICE AVENUE  
MELROSE PARK, IL 60160

Drawing established by:  
DELTA STRUCTURES INC.  
  
2060 N. JANICE AVENUE  
MELROSE PARK, IL 60160  
phone: 708-345-3400  
fax: 708-345-3464

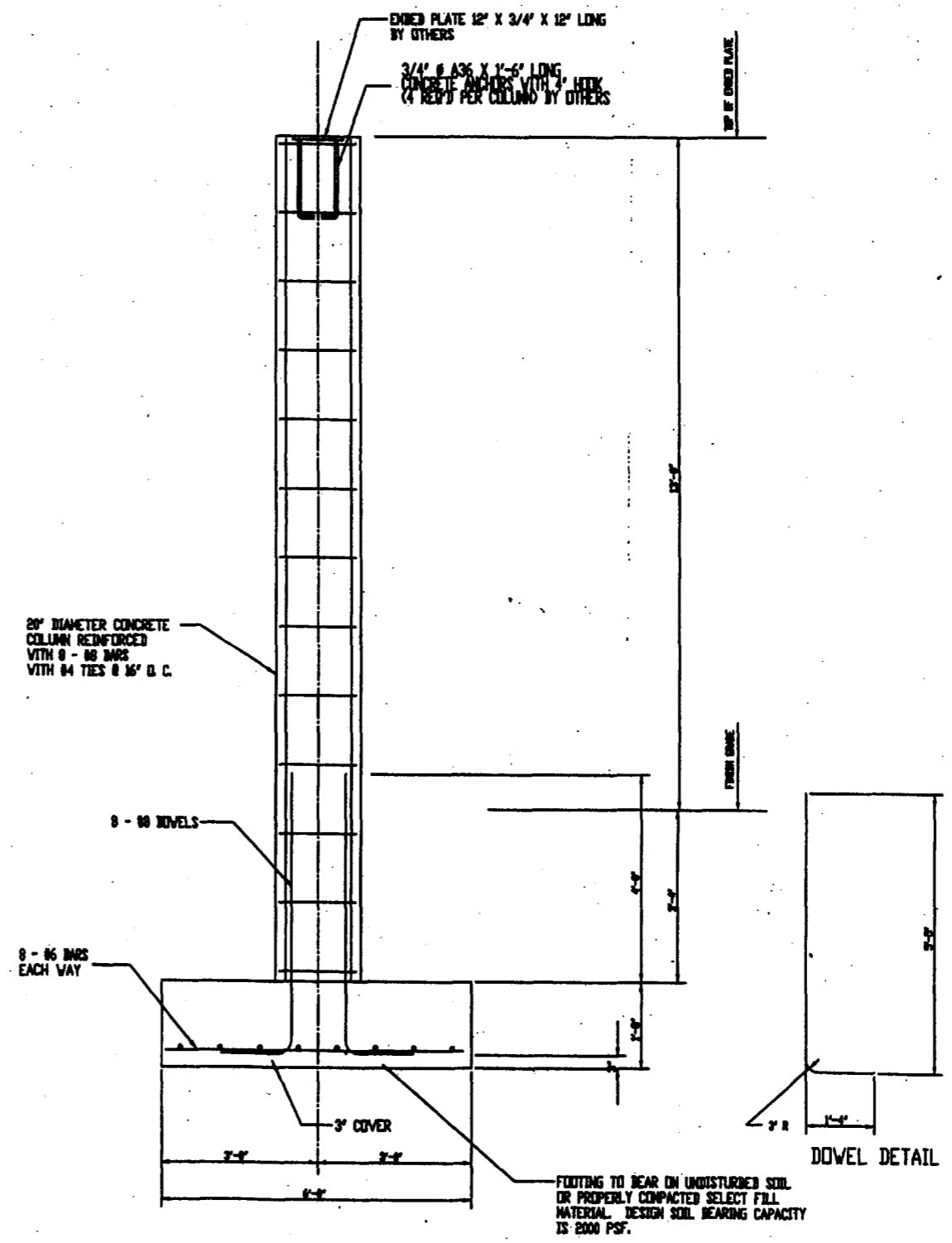
Drawing title:  
COLUMN DESIGN  
AND SECTION

|                    |                      |                 |
|--------------------|----------------------|-----------------|
| DATE<br>7 April 03 | SCALE<br>SEE DETAILS | DRAWN BY<br>TRS |
|--------------------|----------------------|-----------------|

|                    |                    |
|--------------------|--------------------|
| PROJECT #<br>22049 | DRAWING #<br>DSI-4 |
|--------------------|--------------------|



1 FLASHING DETAIL AT BUILDING  
DSI-4



COLUMN AND FOOTING DETAIL