

February 16, 2006

TO: BIDDERS

**RE: BID PACKAGE NO. 43 ORNAMENTAL IRON (05700)
1701 JFK BOULEVARD (COMCAST CENTER)
Philadelphia, PA**

INVITATION AND INSTRUCTIONS

Ladies and Gentlemen,

L.F. Driscoll Co. is the Construction Manager for 1701 JFK Boulevard (Comcast Center), Philadelphia, Pennsylvania. We hereby invite your proposal for **Ornamental Iron** at the above referenced Project. Contract Drawings will be issued directly from Ridgeway's. Enclosed for your use in preparing this proposal are additional Contract Documents which are referenced in the attached Scope of Work and Drawing list dated 02/15/06. Note: not all drawings have been issued as listed on the Document List. If you wish additional drawings or would like to review same, please feel free to contact the undersigned.

1701 JFK Boulevard (Comcast Center) is bounded by Arch, 17th, JFK Boulevard and 18th streets in Center City Philadelphia. The complex is comprised of a structural concrete core, 57 story structural steel high rise (Tower) which contains a garage, loading docks, public and retail spaces. Along JFK the main plaza is actually a new roof structure over the subway concourse. This concourse is being reconstructed to provide for the main entry plaza, public space and food court below. The West end of the plaza will be the building plate for a future Tower #2. There is also a separate addition to the Arch Street Presbyterian Church which is to be included in your proposal. The attached Scope of Work covers all areas to be Bid.

Sealed bids, in duplicate, are due by **3:00 p.m. on Thursday, March 16, 2006** at the Project Site Office at the above referenced address and phone number (letterhead). Bids received after the bid due date and time may not be accepted at the discretion of the Owner and Construction Manager. It is the sole responsibility of the bidder to see that his bid is delivered on time. **Bids may be E-mailed as long as the forms are completely filled out and a signed hard copy of same is received by the end of the next business day.**

There will be a **Prebid meeting to be held on Thursday March 2nd at the project office (1819 JFK Blvd. Suite 300) at 1 PM,**

Any bidder may withdraw his bid, either personally or by written request, at any time before the schedule time for opening bids. No bidder may withdraw his bid for a period of 90 days after the date set for the opening thereof, and all bids shall be subject to acceptance by the Owner and/or Construction Manager during this period. The Construction Manager and the Owner will open bids in private.

Contracts/Purchase Orders, if awarded, will be awarded to the lowest responsible bidders, subject to the Owner's right to reject any or all bids and to waive any informality in the bids or in the bidding. All bidders are to include with the proposal a listing of current billing rates for all trades and equipment to be utilized on this site.

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All successful subcontractors will be included in the "Subcontractor's Default Insurance Program" A Prequalification Form is attached and can be found in the Project Manual. A condition of Award is acceptance into the program. If you elect not to enroll in this Default Insurance program for any reason, including not wishing to confidentially disclose the necessary financial enrollment information, you will be required to furnish as a part of your bid, a 100% Performance and Payment Bond.

All questions must be referred to the undersigned by Fax 215-988-9181 or E-mail Jverzella@LFDriscoll.com. Indicate in the Subject Line **ORNAMENTAL IRON**. With the quantity of E-mails received, failure to note this may result in e-mails going unanswered. Answers to any questions will be forwarded to all bidders in the form of an Information Letter issued in writing from the undersigned.

You are responsible to verify, if the documents received, match the list included with the set and updates as issued by the architect. Those requiring additional drawings can arrange for same **at their own expense** by contacting the printer at the phone number listed below.

Originals are on file with:

Ridgeway's
1216 Arch Street
Philadelphia, PA 19107
Telephone: (215) 563-7600

Very truly yours,
L.F. Driscoll Co.



James E. Verzella
Vice President

Enclosures

cc:

Rob Robinson – LFDCo
Sam Verzella – LFDCo
05700 Bid Binder
JEV Chrono File

SCOPE OF WORK BID PACKAGE NO. 43

Ornamental Iron (05700)

February 15, 2006

Owner: LIBERTY PROPERTY PHILADELPHIA
LIMITED PARTNERSHIP IV EAST
EIGHT PENN CENTER
1628 JFK BOULEVARD, SUITE 1100
PHILADELPHIA, PA 19103

Architect: KENDALL/HEATON ASSOCIATES INC.
3050 Post Oak Blvd., Suite 1000
Houston, Texas 77056

Construction Manager: L. F. DRISCOLL CO.
9 Presidential Boulevard
Bala Cynwyd, PA 19004-0468

Project Office: 1819 JFK Boulevard
Suite 300
Philadelphia, PA 19103

You are invited to submit a proposal for Ornamental Iron Work at the 1701 JFK Boulevard Project also referenced as the Comcast Center. This Trade Contract Package (also referenced as Subcontract) is being bid from design development documents and not completed Construction Documentation. Accordingly, the Scope will be defined between the Contract Drawings, Specification and the narrative included in this Scope of Work. You are expected to bid the systems complete even though all details may not have been fully developed. For example there will be instances where scope is not shown, but there will be a narrative to be included in your proposal. As Construction Documents are completed, these documents will be issued for verification of the Scope. Any adjustments in Scope will be addressed by unit price and a change order will be issued to the base contact. Extras for material changes only will be included in the change order. Time spent to review the documents is not reimbursable.

There will be two contracts issued for the Base building work, since the project has received a Grant from the state of Pennsylvania. The delineation of the work between the Private or main contract (ONEPA-000) and Public (ONEPA-PUB) will be narrated in the Scope of Work. Both contracts will be awarded to one Subcontractor.

This Project is utilizing a Subcontractor Default Insurance Program. The successful bidder will be obligated to submit an application form to the LFDCo program administrator. If you refuse to submit this application or do not wish to be enrolled in this program, you must include in your bid proposal the cost for a 100% Performance and Payment Bond.

If you elect to provide a bond the issuance of the Base Bid Performance and Payment Bond is an acknowledgement by the Trade Contractors Bonding Co. that they will increase the penal sum of the Bond with the execution of each of the Alternates listed in this Scope of Work and included in the Trade Contract Agreement. A Surety acknowledgement is required with the Bid Proposal is to include a statement indicating that bonding is available for the sum of the Base Bid plus all Alternates. The term Trade Contractor may be used in this Scope of Work or other Contract Documents and has the same meaning as Subcontractor or Contractor.

The Work shall include all labor, materials, permits, equipment, scaffolding, taxes and trade persons necessary to complete the Work, including but not limited to the following: [*] Denotes items requiring an accurate accounting breakdown, please estimate accordingly.

A. Contract Documents: Proposals shall be based on the following Contract Documents:

1. Drawing and Specification list dated 02/15/06
2. Project Manual dated 2/6/06
3. Cuthbert Street Design Revision (1/24/06)
4. Bid Form (To be submitted with pre-bid minutes)

B. The Work:

The Work shall be performed in accordance with the above Contract Documents and is to include all labor and materials, permits and equipment, scaffolding, taxes, tradespersons of the proper jurisdiction to complete the Work including

1. Stainless steel handrails – F&I Include coring of concrete for handrails.[*]
2. Metal (steel) column covers on the B-1 Level (**Alternate Deduct**) – F&I
3. Exterior plaza rails – F&I [*]
4. Mesh screening at Pavilion – F&I
5. Walk off mats, channel frames and support for channel frames – F&I [*]
6. Grating and frames at roof terraces. F&I
7. Pylon and support (handicap and intercom stanchion) at entrances.

8. Stainless steel skirt at escalators. F&I [*]
9. Trellis cover grates F&I [*]

C. The Following Work is not included:

1. Painted steel handrails unless specifically referenced in this Scope of Work to be included.
2. Architectural Louvers in Exterior Curtain wall.
3. Wood blocking
4. Roof grating around the cooling tower in the Crown of the building
5. Overhead Doors
6. Hollow metal doors and frames
7. Exterior grills at exhaust fans at Wintergarden
8. Elevator sill angle supports.
9. Access panels
10. Window washing tie backs
11. Davit sockets.
12. Cable drops
13. Elevator machine beams
14. Metal pan stairs
15. Roof hatches
16. Access panels
17. Precast supports
18. Metal fencing at Pavilion – F&I
19. Skate deterrents (see Landscaping drawings) F&D
20. Fin tube covers
21. Elevator call buttons
22. Aluminum column covers
23. Aluminum covers at sprinkler heads in the atrium
24. Trench drain covers in the Plaza, Cuthbert Street and JFK Blvd.
25. Custom light fixtures in concourse
26. Tree grates
27. Stainless steel Handrails & glass at stairs 7 & 8

D. General Work Requirements

1. Include layout from central points established by others
2. Protection of the Work and all contiguous materials, e.g.: door frames, aluminum work, glass, etc.
3. All temporary heat and ventilation for the Work. A minimum 54-degree temperature will be provided by the building temporary (steam) heating system. Include any supplemental heat necessary for your Work.
4. Temporary light and power being provided by the base building Electrical Subcontractor, is narrated in the Project Manual. Include any additional light or power necessary to perform The Work. Include all standby tradespersons if you elect to work off hours.
5. Furnish and Install all scaffolding necessary to perform the Work. In the winter garden there will be a common scaffold platform erected for the work. Any modifications to same for your Work are to be included.
6. Each Subcontractor is responsible to protect floor surfaces whether they receive a finish or are left exposed, from any materials, or work activity that may mar or stain the surface. Where oil or other lubricants may be used, provide surface protection to contain and collect fluids. Provide means to prevent these fluids from being tracked by foot onto other surfaces and properly dispose of any fluids collected.

Failure to manage this will result in you being responsible for the cost of finishing these otherwise exposed surfaces or replacing finished floor or wall surfaces.

7. Secure any permits for the Work (General Building Permit by others).
8. The cost for all material hoisting is to be included. Refer to the Project Manual for hoist rates and rules.
9. Roof Protection necessary for the Work – Provide materials required for general building purposes.
10. Any work shanties are to be made of studs and Drywall (no plywood or flammable materials). No trailers are permitted without the advance approval of the project Superintendent. All cost associated with trailer installation and hookup is to be included. Due to leasing of the building all shanties and trailers are subject to being relocated at the Subcontractors expense.
11. Provide daily clean up to CM provided rubber dumpsters on each floor. Include an additional 1.125% of the Bid Contract Value in your proposal for

General Cleanup. This value is in addition to labor required in other sections of the Scope of Work.

12. Your proposal is to include all cost for the insurance requirements described on the enclosed insurance requirements form. If any of your work requires an engineering stamp as required by the Contract Documents or regulatory agency (e.g. special scaffolding). The Subcontractor is responsible to provide E& O coverage by the engineer providing the work.
13. Provide cutting, patching and coring required for this Subcontractors Work unless specifically excluded in this Scope of Work Narrative.
14. Provide with your shop drawings submissions special cleaning requirements for any finished products included in the Work.
15. Provide all welding certification (if required) and permitting required by any regulatory agency.
16. Temporary fire protection (extinguishers, screens, blankets) and fire watch during welding operations is to be included.
17. Complete personnel fall protection for your workers is to be provided. Typical floor to floor heights are 15' and 17'.
18. Provide with your bid a schedule of activities for the Work:
 - Shop drawing development
 - Procurement of materials
 - Fabrication of materials (lead times)
 - Site installation (time durations) in the following areas:
19. All repair or replacement of Work rejected by the Construction Manager, Owner or Architect is to be included.
20. Maintaining all streets if affected by this Work.
21. Flag persons and police traffic supervision if required for deliveries.
22. Include all City, State or Federal permits required for the Work.
23. Include sales tax.
24. 100% Payment and Performance bond is not to be included. This project will utilize a Subcontractor Default insurance program managed by the Owner. If you elect not to provide the required financial statements, you are required to provide a bond and to include the cost of same in the Contract Price.

25. Refer to The Project Manual for important terms and conditions relating to The Performance of the Work. All terms and conditions contained therein are to be priced as a part of the Bid Proposal.
26. If the Construction Manager elects to have you work overtime, due to no fault of the Subcontractor, only the premium portion of the overtime (no overhead or profit) will be reimbursed.
27. This Subcontractor is responsible to pay for any standby time required by jurisdiction for their Work. For safety reasons, if you elect to work on any elevated floors (3rd floor up) you must have a hoist operator on site as well as the temporary electrical contractor standby electrician. If the Construction manager has other subcontractors working on site, the standby will be prorated for all trades working during that time.
28. Markup on the subcontracted work is limited to a flat 5%. Markup on self performed work is 10%. *This ratio applies to all lower tier sub-subcontractors and vendors.*

E. Please note the following relative to the Contract Documents, include the following:

- | | |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A2.26 | Section 4 : Handrails (Coring in stone by others – in concrete by this Subcontractor) |
| A2.27 | Handrails |
| A3.04.2 | <ul style="list-style-type: none">• Handrails @ Center Concourse steps and ramp• Metal column covers (ref 4 A6.31) (Alternate Deduct) |
| A3.05.1 | <ul style="list-style-type: none">• Exterior handrails• Handrails @ steps and ramp are NIC |
| A3.05.2 | Handrails, exterior to building |
| A3.05.3 | <ul style="list-style-type: none">• Metal fencing along 17-49 and around landscape area. Refer to details on landscaping plans. Chain link fence is NIC• Handrails in Plaza along Cuthbert Street. This area has been revised. Refer to Cuthbert Street designrevision. Provide hand rails at Church Entrance.• Bollards around perimeter of building (NIC). |
| A3.08 | Grating and frame at 4 th Floor roof terraces. |
| A3.58 | Gratings at roof terraces. |

- A3.72.2 All canopies, light armatures, etc. are Tenant items and are NIC.
- A3.92.1 and A3.92.2 All gratings in the floor are NIC. Include all walk off mats.
- A3.93 Floor grills and aluminum column covers are NIC.
- A3.96 Handrails at Stair #10
- A3.97 Grating is required at exterior terrace door. This is not shown in plan.
- A4.24 Exterior louvers are NIC.
- A4.47, A4.81 and A4.84 Stainless cladding at entrance canopy is NIC.
- A4.85 Note stamped steel column covers shown in Section 1 is to be included.
- A4.88 Grating shown is to be included.
- A4.89 Section 1: Include grating – note all type 4 grating on roof terraces are to include a non corrosive frame to support the grating and allow same to span between leveling blocks at the corners of the paver units.
Section 16: The iron support for the glass handrail is NIC (Enclos)
Section 18: Stainless steel pedestal [*]. Include all cutouts and support of devices provided by others.
- A4.91 Section 1: Include the metal screen.
Section 3: Louvers are NIC.
- A5.71 Stainless steel cladding is NIC (Enclos)
- A6.31 Include as an **Alternate Deduct:** Furnish and Install all stainless steel plate and angle at column covers where scheduled in concourse.

- A6.32 Furnish and Install stainless steel handrails and support tube for pedestal control device. Provide access holes in base for wiring.
Section 13: 2 x 2 steel angles are NIC.
Section 1 and 4: Glass rail support brackets are NIC.
- A6.36 Furnish and Install metal screen system. [*]
- A6.57 Canopy steel Section 4 is not included.
Section 4: Grating on top of canopy is NIC.
- A7.05 and
A7.07
- Stainless steel handrails at Stair 7 and Stair 8 are not to be included. These will be F&I by the glass rail manufacturer.
 - Include handrail at Stair 16.
- A7.52 Include stainless steel cladding at both escalators. The Work will begin below the sill cap and will return under the escalators. At the underside, assume a $\frac{3}{4}$ "-1" return and $\frac{3}{4}$ reveal (both sides) to allow a termination point for drywall to finish. Do not include escalator stainless steel handrail.
- A7.61 Stainless inlay strips in terrazzo steps are NIC.
- A7.71 Painted steel railings are NIC.
Stainless steel railings are to be included.
- A8.25 Furnish and Install walk off mats and channel support in entrance vestibules.
"C" Channel for vestibule support is by others.
Section 1: Include intermediate supports to structural concrete of a size and gauge to permit walk off mats to be installed.
- The Kadee grill specified (from experience) is a good walk off mat, but difficult to install unless planned for in advance. Since the mat installation is not configured in square sheets, custom support frames must be provided, installed and shimmed accurately in the field.
- Where the mat is cut, especially within and adjacent to revolve, the square bar stock must be adequately back reinforced to ensure the cut section bar spacings will remain true.

Anchoring details and anchoring blocks are to be engineered and set in advance of the mat installation. You also must provide frequent locations for attachment to ensure the mat does not roll or deflect at the corners.

The anchoring system must be designed to allow the Owner to remove the grating and clean the sub floor.

Spare hardware, including bolts, spring clips, etc. are to be purchased and turned over to the Owner.

All secondary channels and support are to be included.

A8.28 – 8.32 Include walk off mats in vestibule and revolving door surrounds.

Landscape Drawings

- L1.1, L2.21 and L2.22
- Bollards and trench drains are NIC
 - Plaza Trellis is NIC
 - Handrails
- L4.2 Note revised Cuthbert Street Layout
- L8.4
- Quote the stainless steel metal edge angle at step as an **ADD Alternate.** (F&I) The granite will be prepared to accept the angle with holes drilled to accept studs. Include the epoxy or other adhesives to secure.
 - Include all handrails.
- L8.5 Trench drain and covers are NIC.
- L9.27 Skateboard deterrents are NIC.
- L11.1 Note sections of handrails.
- L11.2 Schedule of handrails is noted for convenience and does not limit the scope of handrail work shown on the drawings. E.g. interior stainless handrails are not shown.
- L11.6 Sections 1 and 2: Typically, coring of stone for handrails will be by others. Coring of concrete is to be included. Subcontractor shall coordinate their work with the stone setter and consider detailing to insure alignment of the work.

- L16.1 to L16.8 Trellis screens are an **ADD Alternate** to the Work. The Work is to include:
1. All metal tops, planter shells, cables (structural and non-structural), cable supports, cross clamps and angles for a complete installation.
 2. All connections to structural steel are to be included with finish cover plates where penetrations occur. Develop the connection so that the portion that attaches to the structural steel can be installed in advance of the finish ceiling. After finishing is completed, install the secondary cable to the screen.
Do not include the polyethylene liner shell or wood blocking.
- L17.1 Plaza Trellis work is NIC.
- L17.2 Include the trellis column cover plate in the Plaza stone [*].

F. Perimeter/Fall Protection and Access to the Work:

1. The Excavation Subcontractor will furnish and install the site fence and gate system, all perimeter protection around the deep excavation and at footing excavations.
2. The perimeter of the Tower, Stair Tower openings, Elevator openings and Scheduled shaft openings will have a perimeter cable system installed by the Structural Steel Contractor. Where columns do not exist or the spacing is too far to accommodate cable supports, the Structural Steel Contractor will install vertical steel post for cable and netting support. Once the concrete on metal deck is installed, the General Concrete Contractor will install a perimeter Toe board system around all openings in the deck.
3. The removal of any rail system left until the other finish trades begin their Work will be removed by those trades, e.g., the Masonry or Drywall Trade Contractor will remove railings around shafts.
4. The Drywall Subcontractor will maintain, modify, replace and remove cable or wood rails include burning angle iron vertical supports and remove wood toe boards as you install permanent wall systems included in your Work. As shaft walls are erected, maintain OSHA approved protection at all times. The work area should never be left without protection. Failure to maintain barrier protection while you perform your work, may result in others performing the necessary repair at your cost, including administrative time associated with the work.

This is particularly critical at times when shaft wall is being installed or work is being performed on ladders or scaffolding next to shafts. In addition, you are to provide setback barriers or a system of lanyard tie offs and expandable barriers to close off elevator shafts (for example) to protect other trades who have work to be performed in the same area. Your workers are to have the proper fall protection and means to secure same in accordance with regulations and manufactures recommendations. At no time, will violations of the above be tolerated. It is the Subcontractors responsibility to remove any of their workers from the Project who are found to be in violation of this policy.

5. The sequence of construction will require the erection of structural steel while the Work is being performed. Although there will not be any steel erection performed directly over your Work, This is a high-rise and any access required for your work may dictate that you provide any overhead protection to allow worker access through these construction zones.
6. This project has applied for OSHA's Voluntary Protection Program. This Subcontractor will be required to sign onto this program.

G. Alternates:

The following alternates are to be complete and include all cost related to the Work:

1. Alternate #1: Deduct price to eliminate the stainless steel column covers on the B-1 Lobby Level.
2. Alternate #2: ADD price to F&I steel edge angle at JFK Bench area.
3. Alternate #3: ADD price to F&I Atria trellis screens.

H. Unit Prices:

The successful bidder will be required to submit the wage rate sheets included in the Project Manual. These rates per contract are to be audited and approved by the Client.

I. Accounting Breakdown

1. In preparing your bid proposal, estimate the Work so as to provide the following costs. Do not include values listed below in any breakouts.

Two Contracts for his Project will be issued. The main Contract (Project # ONEPA-000) and the Public Work (Project # ONEPA-PUB). We will not be awarding the work to separate contractors, but we need an accurate accounting of work in the two areas. This breakout is separate from that listed above. The

Public Work contract is to include all work in the following areas;

- Referring to A3.05.1 All public area work south of the lobby desk (6 line) including the entire Winter Garden Structure including Plaza.
 - Referring to Drawings A3.042 All Public access areas which is defined as all areas that are not BOH or within lease spaces. This is typically the areas where the public corridors are located and the seating areas in the food Court.
 - Referring to Drawings A3.04.3, The concourse and Pavilion Building
 - All other work in the base bid would be considered the main contract
2. The following breakouts are required and do not need to be split between the Public and Private Work.

	<u>Quantity</u>	<u>Cost</u>
A) Exterior Handrails	lf	\$
B) Interior Handrails	lf	\$
C) Walk Off Mats	sf	\$
D) Terrace Gratings and Frames All Levels	sf	\$
E) Entrance Pylon	ea	\$
F) Escalator Skirts	sf	\$
G) Trellis Cover Grates	sf	\$
H) Metal Screen at Pavilion	sf	\$

J. Schedule

The project schedule is included in the Project Manual. All Bidders are to submit with your quotation a detailed narrative of your Work activities and the time schedule for each. The successful bidder will be required to start shop drawings and engineering immediately after award of the Work.

K. Affirmative Action

The following two programs for minority participation have been established for this project. The apparent low bidder, prior to being declared the low bidder and receiving a Contract, will be required to agree to a plan to use every effort to meet these levels. This plan will then be incorporated into the Trade Contract. This Program is not intended to obtain the goals by way of a “pass-through” but by contracting work to firms who self-perform or could supplement the work performed by the Trade Contractor.

PROGRAM #1 - MBE/DsDBE/WBE

Covers contracting and should represent the percentage of MBE/DsDBE/WBE Firms, such as your Subs, Material Suppliers, Vendors, etc., included in your proposal. Participation goals of 30% MBE, 2% for DsDBE (Disabled Business

Enterprise), and 8% WBE based on the dollar value of each trade contract amount shall be performed by pre-qualified minority and/or women business enterprises (MBE/WBE).

PROGRAM #2 - EEO

Covers your Field Employees and should represent the percentage of Minority and Women Employees anticipated to be on your on-site payroll. Participation goals of 30% Minority and 2% Females of the employment hours on the job for each trade shall be performed by minority workers and females.

L. General Insurance Requirements:

1.) All Subcontractors are required to submit a Certificate of Insurance evidencing the coverage required hereunder as a condition precedent for access to the site to perform work and as a condition precedent for payment under this Subcontract. Further, each Certificate shall include an affirmative statement that the Policy contains an Additional Insured policy endorsement on forms ISO Form CG 20 10 03 97 or ISO Form CG 20 10 10 01 AND Form CG 20 37 10 01. All insurance certificates shall include a list of all exclusion endorsements or a statement affirming that there are no policy exclusions added by endorsement.

All Certificates shall reflect an affirmative statement in the cancellation wording that the Additional Insured shall receive **30** days notice of policy cancellation or non-renewal. Notice of Policy Cancellation or Non-renewal shall be sent to the attention of the Certificate Holder at the address provided below. Renewal certificates must be furnished to L. F. Driscoll at least fifteen (15) days prior to the policy expirations dates. Subcontractor agrees and acknowledges that L. F. Driscoll has the right, but not the obligation, to report any loss or expected loss directly to the Insurer.

All insurance companies issuing policies hereunder shall have a policyholder's rating of "A-" or better and a financial size rating of "VIII" or better in the most current Best's Key Rating Guide.

Upon request, Subcontractor shall furnish a complete copy, including all endorsements, of any insurance policy offering coverage under this subcontract.

The Subcontractor's insurance coverage shall be primary with respect to the Additional Insured. Any insurance or self-insurance maintained by the Additional Insured shall be in excess of the subcontractors' insurance and shall not contribute with it.

In each instance, coverage should be provided on an "Occurrence" basis as opposed to a "Claims-made" basis unless it is verified that the particular coverage is not available on "Occurrence" basis. Any "Claims Made" coverage shall have a retroactive date that provides protection for the earliest dates of work or commitment to work.

Any lower tier subcontractors, vendors, suppliers of the Subcontractor are also required to obtain and maintain insurance in the following minimum amounts, unless otherwise agreed to in writing:

Workman's Compensation in Statutory Limits for all lower tier subcontractors performing labor including Employer's Liability with a limit of at least \$ 500,000;

Comprehensive Liability Insurance covering at the very least personal injury and property damage risks with coverage in an amount of at least \$ 1,000,000.00 per occurrence/\$1,000,000.00 aggregate per project; and

Comprehensive Automobile Liability Coverage with coverage in an amount of at least \$1,000,000.00 per occurrence and \$1,000,000.00 aggregate.

Umbrella liability insurance with limits of at least \$ 2,000,000. per occurrence.

The lower tier subcontractors, vendors and suppliers of the Subcontractor shall forward Certificates of Insurance to the Subcontractor and the Subcontractor shall provide them to L. F. Driscoll, Co. upon request.

In the event that the Subcontractor does not obtain insurance coverage in the amounts required under this Exhibit and/or fails to maintain such coverage through the life of the subcontract, Subcontractor shall be in breach of the Subcontract. Failure to obtain such insurance or keep it in force through the life of the subcontract shall not relieve the Subcontractor from its obligations under the Subcontract or the Indemnifications provided hereunder.

The following shall be named as Additional Insured for all coverage required under this Exhibit:

L. F. Driscoll Co., J. J. Don, Inc., and Llocsird, Inc., 9 Presidential Boulevard,
Bala Cynwyd, PA 19004

Liberty Property Philadelphia Limited Partnership IV East
Liberty Property Philadelphia Limited Partnership IV West
Liberty Property Philadelphia Corporation IV East
Liberty Property Philadelphia Corporation IV West
Liberty Property Philadelphia Trust IV East
Liberty Property Philadelphia Trust IV West
Liberty Property Trust
Liberty Property Limited Partnership
Pennoni Associates, Inc.
Kendall-Heaton Associates, Inc.
Southeastern Pennsylvania Transportation Authority
PECO Energy Company (a division of Exelon Company)
Verizon-Pennsylvania, Inc.

Philadelphia Gas Works
The City of Philadelphia
The Commonwealth of Pennsylvania
The Philadelphia Authority for Industrial Development and its affiliates
Trigen-Philadelphia Energy Corporation
Comcast Corporation

and any or all Additional Insured required to be named under the Principal Contract. In addition, upon renewal of the Policy and the Certificate, L. F. Driscoll Co. may require that additional names be added as Additional Insured.

Specific Insurance Requirements:

1. Workmen's Compensation as required by all applicable Federal, State, Maritime or other laws including Employer's Liability with a limit of at least \$500,000 unless Subcontractor is a qualified self-insurer, in which case, a Policy of Excess Worker's Compensation is to be provided with limits not less than \$2,000,000.
2. Comprehensive General Liability including Contractor's Liability, Contingent Liability, Contractual Liability, Complete Operations and Products Liability, all on the occurrence basis with personal Injury Coverage and broad form Property Damage. Remove the XCU exclusion relating to explosion, collapse and underground property damage. Completed Operations Liability shall be kept in force for at least three years after the date of final completion. The policy must have the fellow employee exclusion removed and contractual liability coverage must not exclude personal injury coverage. Insurance must be provided in the amounts noted below unless higher amounts are required by the Principal Contract:

Personal Injury (Bodily Injury and Property Damage)

Each Person	\$1,000,000.
Each Occurrence	\$1,000,000.
Annual aggregate	\$2,000,000. Per Project

Property Damage

Each Occurrence	\$1,000,000.
Annual Aggregate	\$2,000,000. Per Project

3. Comprehensive Automobile Liability including non ownership and hired car coverage as well as owned vehicles:

Bodily Injury/ Property Damage

Each person	\$ 1,000,000.
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Each Occurrence \$ 1,000,000.

Excess Umbrella Insurance:

\$ 5,000,000.00. for the following trades: Demolition, Excavation, Foundation Work, Concrete, Structural Steel, Curtain-wall Assemblies, Roofing, Mechanical & Electrical Trades, and for subcontracts with Contract Sums over \$ 10,000,000. unless otherwise agreed to in writing;

\$ 2,000,000.00 for all other trades unless otherwise agreed to in writing. Coverage shall be as broad as the required primary insurance. Any exceptions must be noted specifically on the certificates of insurance.

5. If the Subcontractors' work involves the performance of design services and the Owner's Design Consultant does not adopt the design as its own, that Subcontractor, upon request of the Construction Manager, will secure, Professional Liability Insurance at a coverage amount and deductible limit mutually agreed to by the Construction Manager and the Subcontractor. Such policy shall be maintained for a period of five years following substantial completion of the Project at the request of the Owner. Such coverage shall be primary to any other insurance available to Construction Manager or Owner for claims related to or arising out of the Work.

Professional Liability/Errors and Omissions insurance, if required under the terms of the Subcontract or Paragraph 5.) above, shall have as minimum policy limits of the Value of the Subcontract or five million dollars [**\$5,000,000.00**] per occurrence and be subject to twenty-five million dollars [**\$25,000,000.00**] of Excess Umbrella Liability.

END OF SCOPE

1701 JFK Boulevard (Comcast Center)
Bid Package #43 Ornamental Iron
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Sheet Name	Issue NAME	REV. DATE
Select Architectural Drawings		
A1.01	Package No. 6_Revision No. 2	1/9/2006 9:53
A1.02	Package No. 6	11/4/2005 16:24
A1.02(D)	Building Permit Set	5/20/2005 12:13
A2.00	Package 6_Revision 1	12/5/2005 17:14
A2.01	Package No. 6_Revision No. 2	1/9/2006 9:53
A2.02	Package No. 6_Revision No. 2	1/9/2006 9:53
A2.21	Package 6_Revision 1	12/5/2005 17:14
A2.22	Package 6_Revision 1	12/5/2005 17:14
A2.23	Package No. 6	11/4/2005 16:24
A2.24	Package 6_Revision 1	12/5/2005 17:14
A2.25	Package No. 6	11/4/2005 16:24
A2.26	Package No. 6_Revision No. 2	1/9/2006 9:53
A2.27	Package No. 6	11/4/2005 16:24
A2.28	Package 6_Revision 1	12/5/2005 17:14
A2.29	Package 6_Revision 1	12/5/2005 17:14
A2.31	Package No. 6	11/4/2005 16:24
A2.32	Package No. 6_Revision No. 2	1/9/2006 9:53
A2.33	Package No. 6	11/4/2005 16:24
DA3.74.2	Package No. 4_Rev. No. 1	8/12/2005 8:40
SA3.05.2	Package No. 6_Revision No. 2	1/9/2006 9:53
SA3.05.3	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.00	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.01	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.02	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.03	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.04.1	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.04.2	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.04.3	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.05.1	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.05.2	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.05.3	Package 6_Revision 1	12/5/2005 17:14
A3.06	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.07	Package 6_Revision 1	12/5/2005 17:14
A3.08	Package 6_Revision 1	12/5/2005 17:14
A3.09	Package 6_Revision 1	12/5/2005 17:14
A3.10	Package 6_Revision 1	12/5/2005 17:14
A3.11	Package 6_Revision 1	12/5/2005 17:14
A3.12	Package 6_Revision 1	12/5/2005 17:14
A3.13	Package 6_Revision 1	12/5/2005 17:14
A3.14	Package 6_Revision 1	12/5/2005 17:14
A3.15	Package 6_Revision 1	12/5/2005 17:14
A3.16	Package 6_Revision 1	12/5/2005 17:14
A3.17	Package 6_Revision 1	12/5/2005 17:14
A3.18	Package 6_Revision 1	12/5/2005 17:14
A3.19	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.20	Package 6_Revision 1	12/5/2005 17:14
A3.21	Package 6_Revision 1	12/5/2005 17:14

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Sheet Name	Issue NAME	REV. DATE
A3.22	Package No. 6	11/4/2005 16:24
A3.23	Package No. 6	11/4/2005 16:24
A3.24	Package No. 6	11/4/2005 16:24
A3.25	Package No. 6	11/4/2005 16:24
A3.26	Package No. 6	11/4/2005 16:24
A3.27	Package No. 6	11/4/2005 16:24
A3.28	Package No. 6	11/4/2005 16:24
A3.29	Package No. 6	11/4/2005 16:24
A3.30	Package No. 6	11/4/2005 16:24
A3.31	Package No. 6	11/4/2005 16:24
A3.32	Package No. 6	11/4/2005 16:24
A3.33	Package No. 6	11/4/2005 16:24
A3.34	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.35	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.36	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.37	Package No. 6	11/4/2005 16:24
A3.38	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.39	Package 6_Revision 1	12/5/2005 17:14
A3.40	Package 6_Revision 1	12/5/2005 17:14
A3.41	Package 6_Revision 1	12/5/2005 17:14
A3.42	Package 6_Revision 1	12/5/2005 17:14
A3.43	Package 6_Revision 1	12/5/2005 17:14
A3.44	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.45	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.46	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.47	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.48	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.49	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.50	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.51	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.52	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.53	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.54	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.55	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.56	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.57	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.58	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.59	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.60	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.61	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.61.1	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.62	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.63	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.64	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.65	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.71	Package No. 6	11/4/2005 16:24
A3.72.1	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.72.2	Package No. 6_Revision No. 2	1/9/2006 9:53

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Sheet Name	Issue NAME	REV. DATE
A3.72.3	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.73.1	Package 6_Revision 1	12/5/2005 17:14
A3.74	Package 6_Revision 1	12/5/2005 17:14
A3.75	Package 6_Revision 1	12/5/2005 17:14
A3.76	Package 6_Revision 1	12/5/2005 17:14
A3.77	Package 6_Revision 1	12/5/2005 17:14
A3.78	Package 6_Revision 1	12/5/2005 17:14
A3.80	Package 6_Revision 1	12/5/2005 17:14
A3.81	Package 6_Revision 1	12/5/2005 17:14
A3.82	Package No. 6	11/4/2005 16:24
A3.83	Package No. 6	11/4/2005 16:24
A3.84	Package No. 6	11/4/2005 16:24
A3.85	Package No. 6	11/4/2005 16:24
A3.86	Package No. 6	11/4/2005 16:24
A3.87	Package No. 6	11/4/2005 16:24
A3.88	Package No. 6	11/4/2005 16:24
A3.89	Package No. 6	11/4/2005 16:24
A3.90	Package No. 6	11/4/2005 16:24
A3.91.1	Package 6_Revision 1	12/5/2005 17:14
A3.91.2	Package 6_Revision 1	12/5/2005 17:14
A3.91.3	Package 6_Revision 1	12/5/2005 17:14
A3.91.4	Package 6_Revision 1	12/5/2005 17:14
A3.91.5	Package 6_Revision 1	12/5/2005 17:14
A3.91.6	Package 6_Revision 1	12/5/2005 17:14
A3.92.1	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.92.2	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.93	Package 6_Revision 1	12/5/2005 17:14
A3.96	Package No. 6_Revision No. 2	1/9/2006 9:53
A3.97	80 Percent CD Issue	6/13/2005 16:06
A4.01	Package 6_Revision 1	12/5/2005 17:14
A4.02	Package 6_Revision 1	12/5/2005 17:14
A4.11	Package No. 6_Revision No. 2	1/9/2006 9:53
A4.12	Package No. 4_Rev. No. 1	8/12/2005 8:40
A4.13	Package No. 6_Revision No. 2	1/9/2006 9:53
A4.14	Package No. 6_Revision No. 2	1/9/2006 9:53
A4.15	Package No. 6_Revision No. 2	1/9/2006 9:53
A4.21	Package 6_Revision 1	12/5/2005 17:14
A4.22	Package 6_Revision 1	12/5/2005 17:14
A4.23	Package No. 6	11/4/2005 16:24
A4.24	Package 6_Revision 1	12/5/2005 17:14
A4.25	Package No. 6	11/4/2005 16:24
A4.41	Package No. 4_Rev. No. 1	8/12/2005 8:40
A4.46	Package 6_Revision 1	12/5/2005 17:14
A4.47	Package No. 6	11/4/2005 16:24
A4.48	Package No. 6	11/4/2005 16:24
A4.49	Package No. 6	11/4/2005 16:24
A4.71	Package No. 6_Revision No. 2	1/9/2006 9:53
A4.72	Package No. 6_Revision No. 2	1/9/2006 9:53

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Sheet Name	Issue NAME	REV. DATE
A4.73	Package No. 6_Revision No. 2	1/9/2006 9:53
A4.74	Package No. 6_Revision No. 2	1/9/2006 9:53
A4.75	Package No. 6_Revision No. 2	1/9/2006 9:53
A4.81	Package No. 6	11/4/2005 16:24
A4.82	Package No. 6	11/4/2005 16:24
A4.83	Package No. 6_Revision No. 2	1/9/2006 9:53
A4.84	Package No. 6_Revision No. 2	1/9/2006 9:53
A4.85	Package No. 6	11/4/2005 16:24
A4.86	Package 6_Revision 1	12/5/2005 17:14
A4.87	Package 6_Revision 1	12/5/2005 17:14
A4.88	Package No. 6	11/4/2005 16:24
A4.89	Package 6_Revision 1	12/5/2005 17:14
A4.91	Package 6_Revision 1	12/5/2005 17:14
A4.92	Package 6_Revision 1	12/5/2005 17:14
A5.01	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.02	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.03	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.11	Package 6_Revision 1	12/5/2005 17:14
A5.12	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.13	Package 6_Revision 1	12/5/2005 17:14
A5.14	Package 6_Revision 1	12/5/2005 17:14
A5.15	Package 6_Revision 1	12/5/2005 17:14
A5.16	Package 6_Revision 1	12/5/2005 17:14
A5.17	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.18	Package No. 6	11/4/2005 16:24
A5.19	Package 6_Revision 1	12/5/2005 17:14
A5.20	Package 6_Revision 1	12/5/2005 17:14
A5.21	Package 6_Revision 1	12/5/2005 17:14
A5.22	Package 6_Revision 1	12/5/2005 17:14
A5.23	Package 6_Revision 1	12/5/2005 17:14
A5.24	Package 6_Revision 1	12/5/2005 17:14
A5.25	Package 6_Revision 1	12/5/2005 17:14
A5.26	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.27	Package No. 6	11/4/2005 16:24
A5.28	Package 6_Revision 1	12/5/2005 17:14
A5.29	Package 6_Revision 1	12/5/2005 17:14
A5.31	Package 6_Revision 1	12/5/2005 17:14
A5.41	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.42	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.43	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.52	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.53	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.54	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.61	Package 6_Revision 1	12/5/2005 17:14
A5.63	Package 6_Revision 1	12/5/2005 17:14
A5.64	Package 6_Revision 1	12/5/2005 17:14
A5.65	Package No. 6	11/4/2005 16:24
A5.66	Package No. 6	11/4/2005 16:24

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Sheet Name	Issue NAME	REV. DATE
A5.67	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.68	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.69	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.71	Package 6_Revision 1	12/5/2005 17:14
A5.72	Package No. 6	11/4/2005 16:24
A5.73	Package No. 6	11/4/2005 16:24
A5.74	Package No. 6	11/4/2005 16:24
A5.75	Package 6_Revision 1	12/5/2005 17:14
A5.76	Package 6_Revision 1	12/5/2005 17:14
A5.77	Package 6_Revision 1	12/5/2005 17:14
A5.79	Package 6_Revision 1	12/5/2005 17:14
A5.81	Package 6_Revision 1	12/5/2005 17:14
A5.82	Package No. 6	11/4/2005 16:24
A5.83	Package No. 6	11/4/2005 16:24
A5.84	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.85	Package No. 6_Revision No. 2	1/9/2006 9:53
A5.86	Package No. 6	11/4/2005 16:24
A5.87	Package No. 6	11/4/2005 16:24
A5.88	Package No. 6	11/4/2005 16:24
A5.89	Package No. 6	11/4/2005 16:24
A5.91	Package 6_Revision 1	12/5/2005 17:14
A6.03	Package No. 6	11/4/2005 16:24
A6.11	Package 4	7/15/2005 15:29
A6.21	Initial Set	4/11/2005 17:14
A6.23	Package No. 6	11/4/2005 16:24
A6.24	Package No. 6_Revision No. 2	1/9/2006 9:53
A6.25	Package No. 6_Revision No. 2	1/9/2006 9:53
A6.26	Package No. 6_Revision No. 2	1/9/2006 9:53
A6.27	Package No. 6_Revision No. 2	1/9/2006 9:53
A6.28	Package No. 6_Revision No. 2	1/9/2006 9:53
A6.29	Package No. 6_Revision No. 2	1/9/2006 9:53
A6.30	Package No. 6_Revision No. 2	1/9/2006 9:53
A6.31	Package No. 6	11/4/2005 16:24
A6.32	Package 6_Revision 1	12/5/2005 17:14
A6.36	Package No. 6	11/4/2005 16:24
A6.37	Package 6_Revision 1	12/5/2005 17:14
A6.41	Package No. 6	11/4/2005 16:24
A6.42	Package 4	7/15/2005 15:29
A6.43	Package No. 4_Rev. No. 1	8/12/2005 8:40
A6.44	Package 4	7/15/2005 15:29
A6.45	Building Permit Set	5/20/2005 12:13
A6.51	Package No. 6_Revision No. 2	1/9/2006 9:53
A6.52	Package 6_Revision 1	12/5/2005 17:14
A6.53	Package 6_Revision 1	12/5/2005 17:14
A6.54	Package 6_Revision 1	12/5/2005 17:14
A6.55	Package No. 6_Revision No. 2	1/9/2006 9:53
A6.56	Package 6_Revision 1	12/5/2005 17:14
A6.57	Package 6_Revision 1	12/5/2005 17:14

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Sheet Name	Issue NAME	REV. DATE
A6.58	Package No. 6_Revision No. 2	1/9/2006 9:53
A6.59	Package 6_Revision 1	12/5/2005 17:14
A6.61	Package No. 6	11/4/2005 16:24
A6.62	Package No. 6	11/4/2005 16:24
A6.63	Package No. 6	11/4/2005 16:24
A6.64	Package No. 6	11/4/2005 16:24
A6.71	Package 6_Revision 1	12/5/2005 17:14
A6.82	Package 6_Revision 1	12/5/2005 17:14
A6.91	Package No. 6	11/4/2005 16:24
A6.92	Package No. 6_Revision No. 2	1/9/2006 9:53
A6.93	Package No. 4_Rev. No. 1	8/12/2005 8:40
A7.01	Package No. 6	11/4/2005 16:24
A7.02	Package 6_Revision 1	12/5/2005 17:14
A7.03	Package No. 6_Revision No. 2	1/9/2006 9:53
A7.04	Package No. 6	11/4/2005 16:24
A7.04.1	Package No. 6_Revision No. 2	1/9/2006 9:53
A7.05	Package 6_Revision 1	12/5/2005 17:14
A7.06	Package 4	7/15/2005 15:29
A7.07	Package 6_Revision 1	12/5/2005 17:14
A7.08	Package 6_Revision 1	12/5/2005 17:14
A7.09	Package 6_Revision 1	12/5/2005 17:14
A7.10	Package 6_Revision 1	12/5/2005 17:14
A7.11	Package No. 6	11/4/2005 16:24
A7.12	Package No. 6	11/4/2005 16:24
A7.13	Package No. 6	11/4/2005 16:24
A7.14	Package No. 6	11/4/2005 16:24
A7.15	Package No. 6	11/4/2005 16:24
A7.21	Package No. 6	11/4/2005 16:24
A7.22	Package No. 6_Revision No. 2	1/9/2006 9:53
A7.31	Package No. 4_Rev. No. 1	8/12/2005 8:40
A7.32	Package No. 4_Rev. No. 1	8/12/2005 8:40
A7.33	Package No. 6	11/4/2005 16:24
A7.34	Package No. 4_Rev. No. 1	8/12/2005 8:40
A7.35	Package No. 4_Rev. No. 1	8/12/2005 8:40
A7.36	Package No. 6	11/4/2005 16:24
A7.37	Package No. 6	11/4/2005 16:24
A7.38	Package 6_Revision 1	12/5/2005 17:14
A7.39	Package No. 6	11/4/2005 16:24
A7.41	Package 6_Revision 1	12/5/2005 17:14
A7.42	Package 4	7/15/2005 15:29
A7.43	Package 6_Revision 1	12/5/2005 17:14
A7.44	Package No. 6	11/4/2005 16:24
A7.45	Package 6_Revision 1	12/5/2005 17:14
A7.51	Package 6_Revision 1	12/5/2005 17:14
A7.52	Package No. 6_Revision No. 2	1/9/2006 9:53
A7.53	Package No. 6_Revision No. 2	1/9/2006 9:53
A7.54	Package No 3_Revision No 1	6/13/2005 17:51
A7.61	Package 6_Revision 1	12/5/2005 17:14

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Sheet Name	Issue NAME	REV. DATE
A7.62	Package No. 6_Revision No. 2	1/9/2006 9:53
A7.63	Package No. 6_Revision No. 2	1/9/2006 9:53
A7.64	Package No. 6_Revision No. 2	1/9/2006 9:53
A7.65	Package 6_Revision 1	12/5/2005 17:14
A7.66	Package No. 6_Revision No. 2	1/9/2006 9:53
A7.71	Package No. 6_Revision No. 2	1/9/2006 9:53
A7.81	Package 6_Revision 1	12/5/2005 17:14
A8.01	Package 4	7/15/2005 15:29
A8.02	Package No. 6	11/4/2005 16:24
A8.11	Package No. 6_Revision No. 2	1/9/2006 9:53
A8.12	Package No. 6_Revision No. 2	1/9/2006 9:53
A8.21	Package No. 6_Revision No. 2	1/9/2006 9:53
A8.22	Package No. 6_Revision No. 2	1/9/2006 9:53
A8.23	Package 6_Revision 1	12/5/2005 17:14
A8.24	Package 6_Revision 1	12/5/2005 17:14
A8.25	Package No. 6	11/4/2005 16:24
A8.26	Package No. 4_Rev. No. 1	8/12/2005 8:40
A8.27	Package 6_Revision 1	12/5/2005 17:14
A8.28	Package No. 6_Revision No. 2	1/9/2006 9:53
A8.29	Package No. 6_Revision No. 2	1/9/2006 9:53
A8.30	Package No. 6_Revision No. 2	1/9/2006 9:53
A8.31	Package 6_Revision 1	12/5/2005 17:14
A8.32	Package No. 6_Revision No. 2	1/9/2006 9:53
A8.33	Package No. 6_Revision No. 2	1/9/2006 9:53
A9.01	Package No. 4_Rev. No. 1	8/12/2005 8:40
A9.02	Package No. 4_Rev. No. 1	8/12/2005 8:40
A9.03	Package No. 4_Rev. No. 1	8/12/2005 8:40
A9.04	Package No. 4_Rev. No. 1	8/12/2005 8:40
A9.05	Package 6_Revision 1	12/5/2005 17:14
A9.06	Package 6_Revision 1	12/5/2005 17:14
A9.11	Package No. 6_Revision No. 2	1/9/2006 9:53
A9.12	Package No. 6	11/4/2005 16:24
A9.13	Package No. 6	11/4/2005 16:24
A9.14	Package No. 6	11/4/2005 16:24
A9.15	Package 6_Revision 1	12/5/2005 17:14
A9.16	Package 6_Revision 1	12/5/2005 17:14
A9.17	Package 6_Revision 1	12/5/2005 17:14
A9.18	Package No. 6_Revision No. 2	1/9/2006 9:53
A9.19	Package 6_Revision 1	12/5/2005 17:14
A9.21	Package 6_Revision 1	12/5/2005 17:14
A9.22	Package No. 6	11/4/2005 16:24
A9.23	Package No. 6_Revision No. 2	1/9/2006 9:53
A9.24	Package No. 6	11/4/2005 16:24
A9.25	Package No. 6	11/4/2005 16:24
A9.26	Package No. 6	11/4/2005 16:24
A9.27	Package No. 6_Revision No. 2	1/9/2006 9:53
A9.28	Package No. 6	11/4/2005 16:24
A9.29	Package No. 6	11/4/2005 16:24

1701 JFK Boulevard (Comcast Center)
Bid Package #43 Ornamental Iron
Drawing List
February 16, 2006

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Sheet Name	Issue NAME	REV. DATE
A9.30	Package No. 6	11/4/2005 16:24
A9.31	Package 4	7/15/2005 15:29
A9.32	Package No. 6	11/4/2005 16:24
A9.33	Package 4	7/15/2005 15:29
A9.33.1	Package No. 6	11/4/2005 16:24
A9.33.2	Package No. 6	11/4/2005 16:24
A9.34	Package No. 6	11/4/2005 16:24
A9.35	Package No. 6_Revision No. 2	1/9/2006 9:53
A9.36	Package 6_Revision 1	12/5/2005 17:14
A9.37	Package 4	7/15/2005 15:29
A9.41	Package No. 6	11/4/2005 16:24
A9.42	Package 4	7/15/2005 15:29
A9.43	Package 4	7/15/2005 15:29
A9.52	Package No. 6_Revision No. 2	1/9/2006 9:53
A9.53	Package No. 6	11/4/2005 16:24
A9.54	Package No. 6	11/4/2005 16:24
A9.55	Package 4	7/15/2005 15:29
A9.56	Package No. 6_Revision No. 2	1/9/2006 9:53
A9.57	Package No. 6	11/4/2005 16:24
All Civils Documents		
C1.01	Package No. 6	11/4/2005 16:24
C-0201	Package 4	7/15/2005 15:29
C-1710	Package No. 6	11/4/2005 16:24
C-1715	Package No. 6	11/4/2005 16:24
C-1801	Package No. 6	11/4/2005 16:24
C-6001	Package No. 6	11/4/2005 16:24
C-6002	Package No. 6	11/4/2005 16:24
All Landscape Documents		
L1.1	Package No. 6	11/4/2005 16:24
L1.2	Package No. 6	11/4/2005 16:24
L2.1	Package No. 6	11/4/2005 16:24
L2.2	Package No. 6	11/4/2005 16:24
L2.2.1	Package No. 6	11/4/2005 16:24
L2.2.2	Package No. 6	11/4/2005 16:24
L3.1	Package No. 6	11/4/2005 16:24
L3.2	Package No. 6	11/4/2005 16:24
L3.3.1	Package No. 6	11/4/2005 16:24
L3.3.2	Package No. 6	11/4/2005 16:24
L4.1	Package No. 6	11/4/2005 16:24
L4.2	Package No. 6	11/4/2005 16:24
L4.3.1	Package No. 6	11/4/2005 16:24
L4.3.2	Package No. 6	11/4/2005 16:24
L5.0	Package No. 6	11/4/2005 16:24
L6.0	Package No. 6	11/4/2005 16:24
L6.1	Package No. 6	11/4/2005 16:24
L6.2	Package No. 6	11/4/2005 16:24
L6.3	Package No. 6	11/4/2005 16:24
L7.1	Package No. 6	11/4/2005 16:24

1701 JFK Boulevard (Comcast Center)
Bid Package #43 Ornamental Iron
Drawing List
February 16, 2006

This is not a complete listing of all Contract Documents. This represents only those drawings we feel are relevant to produce your proposal. Bidders are responsible to examine all Contract Documents they feel are relevant.

Sheet Name	Issue NAME	REV. DATE
L7.1A	75 Percent CD	7/15/2005 14:37
L7.1.2	Package No. 5	8/12/2005 8:31
L7.2	Package No. 6	11/4/2005 16:24
L7.3.1	Package No. 6	11/4/2005 16:24
L7.3.2	Package No. 6	11/4/2005 16:24
L7.4	Package No. 6	11/4/2005 16:24
L7.5	Package No. 6	11/4/2005 16:24
L7.6	Package No. 6	11/4/2005 16:24
L7.7	Package No. 6	11/4/2005 16:24
L7.8	Package No. 6	11/4/2005 16:24
L8.1	Package No. 6	11/4/2005 16:24
L8.2	Package No. 6	11/4/2005 16:24
L8.3	Package No. 6	11/4/2005 16:24
L8.4	Package No. 6	11/4/2005 16:24
L8.5	Package No. 6	11/4/2005 16:24
L8.6	Package No. 5	8/12/2005 8:31
L9.1	Package No. 6	11/4/2005 16:24
L9.2	Package No. 6	11/4/2005 16:24
L9.3	Package No. 6	11/4/2005 16:24
L9.4	Package No. 6	11/4/2005 16:24
L9.5	Package No. 6	11/4/2005 16:24
L9.6	Package No. 6	11/4/2005 16:24
L9.7	Package No. 6	11/4/2005 16:24
L9.8	Package No. 6	11/4/2005 16:24
L9.9	Package No. 6	11/4/2005 16:24
L9.10	Package No. 6	11/4/2005 16:24
L9.11	Package No. 6	11/4/2005 16:24
L9.12	Package No. 6	11/4/2005 16:24
L9.13	Package No. 6	11/4/2005 16:24
L9.14	Package No. 6	11/4/2005 16:24
L9.15	Package No. 6	11/4/2005 16:24
L9.16	Package No. 6	11/4/2005 16:24
L9.17	Package No. 6	11/4/2005 16:24
L9.18	Package No. 6	11/4/2005 16:24
L9.20	Package No. 6	11/4/2005 16:24
L9.22	Package No. 6	11/4/2005 16:24
L9.21	Package No. 5	8/12/2005 8:31
L9.23	Package No. 6	11/4/2005 16:24
L9.24	Package No. 5	8/12/2005 8:31
L9.25	Package No. 6	11/4/2005 16:24
L9.26	Package No. 5	8/12/2005 8:31
L9.27	Package No. 6	11/4/2005 16:24
L10.1	Package No. 6	11/4/2005 16:24
L10.2	Package No. 6	11/4/2005 16:24
L10.3	Package No. 5	8/12/2005 8:31
L10.4	Package No. 5	8/12/2005 8:31
L10.5	Package No. 5	8/12/2005 8:31
L11.1	Package No. 5	8/12/2005 8:31

1701 JFK Boulevard (Comcast Center)
Bid Package #43 Ornamental Iron
Drawing List
February 16, 2006

This is not a complete listing of all Contract Documents. This represents only those drawings we feel are relevant to produce your proposal. Bidders are responsible to examine all Contract Documents they feel are relevant.

Sheet Name	Issue NAME	REV. DATE
L11.2	Package No. 5	8/12/2005 8:31
L11.3	Package No. 5	8/12/2005 8:31
L11.4	Package No. 6	11/4/2005 16:24
L11.5	Package No. 6	11/4/2005 16:24
L11.6	Package No. 5	8/12/2005 8:31
L12.1	Package No. 6	11/4/2005 16:24
L12.2	Package No. 6	11/4/2005 16:24
L12.3	Package No. 6	11/4/2005 16:24
L16.1	Package No. 6	11/4/2005 16:24
L16.2	Package No. 6	11/4/2005 16:24
L16.3	Package No. 6	11/4/2005 16:24
L16.4	Package No. 6	11/4/2005 16:24
L16.5	Package No. 6	11/4/2005 16:24
L16.6	Package No. 6	11/4/2005 16:24
L16.7	Package No. 6	11/4/2005 16:24
L16.8	Package No. 6	11/4/2005 16:24
L17.1	Package No. 5	8/12/2005 8:31
L17.2	Package No. 5	8/12/2005 8:31
I1.0	Package No. 6	11/4/2005 16:24
I2.0	Package No. 6	11/4/2005 16:24
All Civils Documents		
GT-1	Package 4	7/15/2005 15:29
GT-2	Package 4	7/15/2005 15:29
GT-3	Package 4	7/15/2005 15:29
Select Structural Documents		
S-102	Package 6_Revision 1	12/5/2005 17:14
S-103.0	Package 6_Revision 1	12/5/2005 17:14
S-103.1	Package 6_Revision 1	12/5/2005 17:14
S-103.2	Package 6_Revision 1	12/5/2005 17:14
S-103.3	Package 6_Revision 1	12/5/2005 17:14
S-104.0	Package 6_Revision 1	12/5/2005 17:14
S-104.1	Package 6_Revision 1	12/5/2005 17:14
S-104.2	Package 6_Revision 1	12/5/2005 17:14
S-104.3	Package 6_Revision 1	12/5/2005 17:14
S-516	Package No. 6	11/4/2005 16:24
S-517	Package No. 6	11/4/2005 16:24
Select Church Additions Documents		
CH-A1.01	Package 4_Church Addition	7/15/2005 13:39
CH-A1.02	Package 4_Church Addition	7/15/2005 13:39
CH-A2.01	Package 4_Church Addition	7/15/2005 13:39
CH-A3.01	Package 4_Church Addition	7/15/2005 13:39
CH-A3.02	Package 4_Church Addition	7/15/2005 13:39
CH-A3.03	Package 4_Church Addition	7/15/2005 13:39
CH-A3.51	Package 4_Church Addition	7/15/2005 13:39
CH-A4.01	Package 4_Church Addition	7/15/2005 13:39
CH-A5.01	Package 4_Church Addition	7/15/2005 13:39
CH-A6.01	Package 4_Church Addition	7/15/2005 13:39
CH-A6.02	Package 4_Church Addition	7/15/2005 13:39

1701 JFK Boulevard (Comcast Center)
Bid Package #43 Ornamental Iron
Drawing List
February 16, 2006

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Sheet Name	Issue NAME	REV. DATE
CH-A6.03	Package 4_Church Addition	7/15/2005 13:39
CH-A7.01	Package 4_Church Addition	7/15/2005 13:39
CH-A7.02	Package 4_Church Addition	7/15/2005 13:39
CH-A7.03	Package 4_Church Addition	7/15/2005 13:39
CH-A7.04	Package 4_Church Addition	7/15/2005 13:39
CH-A8.01	Package 4_Church Addition	7/15/2005 13:39
CH-A8.11	Package 4_Church Addition	7/15/2005 13:39
CH-C1.0	Package 4_Church Addition	7/15/2005 13:39
CH-C1.1	Package 4_Church Addition	7/15/2005 13:39
CH-S-001	Package 4_Church Addition	7/15/2005 13:39
CH-S-100	Package 4_Church Addition	7/15/2005 13:39
CH-S-201	Package 4_Church Addition	7/15/2005 13:39
CH-S-202	Package 4_Church Addition	7/15/2005 13:39
CH-S-203	Package 4_Church Addition	7/15/2005 13:39
CH-S-204	Package 4_Church Addition	7/15/2005 13:39
CH-S-205	Package 4_Church Addition	7/15/2005 13:39
Miscellaneous Documents		
LFDCO-110	Revision No. 5	1/24/2006 19:07
PROJECT MANUAL 2-6-06	Project Manual 2-6-06	2/6/2006 13:12
Select SPECIFICATIONS Documents		
COVER SHEET-VOLUME 1	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
0002 KHA 00062	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
0002 TABLE OF CONTENTS PACKAGE 6-REV 2	Package No. 6_Rev. No. 2 Specs	1/9/2006 10:39
0002 TABLE OF CONTENTS_TENANT AMENDMENT T-03_REV	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
0002 TABLE OF CONTENTS-PACKAGE 6 REVISION 1	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
0002 TABLE OF CONTENTS_T-01	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
0002 TABLE OF CONTENTS PACKAGE 5	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
0002 TABLE OF CONTENTS_CONTRACT REV. 1	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
TABLE OF CONTENTS-VOLUME I	Package No 3-Revision No 1 Specs	6/13/2005 15:41
004 GENERAL CONDITIONS_COMCAST CTR PKG 4	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1100	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1121	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1125	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1230	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1250	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1290	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1310	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1320	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1322	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1330	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1352	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1400	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1405	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1410	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1420	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1500	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1520	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1524	Current Plaza Spec as of 12-7-05	12/7/2005 19:38

1701 JFK Boulevard (Comcast Center)
Bid Package #43 Ornamental Iron
Drawing List
February 16, 2006

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Sheet Name	Issue NAME	REV. DATE
1535	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1570	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1600	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1610	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1700	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1731	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1732	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1770	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1781	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1782	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1810	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1815	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
1820	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
2620	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
2775	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
2780	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
2810	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
2870	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
3600	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
5100	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
5300	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
5400	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
5500	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
5510	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
5517	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
5521	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
5530	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
5580	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
5700	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
5720	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
5730	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
9800	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
9830	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
9900	Current Plaza Spec as of 12-7-05	12/7/2005 19:38
001 VOLUME 1 COVER SHEET_CHURCH	Current Church Spec 8-22-05	8/22/2005 19:07
002 VOL 1 TABLE OF CONTENTS_CHURCH	Current Church Spec 8-22-05	8/22/2005 19:07
01100_CHURCH	Current Church Spec 8-22-05	8/22/2005 19:07
03100_CHURCH	Current Church Spec 8-22-05	8/22/2005 19:07
03200_CHURCH	Current Church Spec 8-22-05	8/22/2005 19:07
03300_CHURCH	Current Church Spec 8-22-05	8/22/2005 19:07
05100_CHURCH	Current Church Spec 8-22-05	8/22/2005 19:07
05300_CHURCH	Current Church Spec 8-22-05	8/22/2005 19:07
07820_CHURCH	Current Church Spec 8-22-05	8/22/2005 19:07
08700_CHURCH	Current Church Spec 8-22-05	8/22/2005 19:07
09680_CHURCH	Current Church Spec 8-22-05	8/22/2005 19:07

DRAWN BY:

DATE:

JOB NO:

SHEET

OF

PROJECT:

MODEL: K098 SS Grating w/Hidden Locking Devices, SS Frame - LEVEL BED APPLICATION

KADEE
INDUSTRIES, INC.

160 NORTHFIELD ROAD □ CLEVELAND, OH 44146
(800) 321-3827 □ TEL (440) 439-8650 □ FAX (440) 439-6889

GENERAL SPECIFICATIONS: K098

TREAD MATERIAL: TYPE 304 SS .071" x .177"
#4 SATIN FINISH SPACED .125"; SPACING +/- .005.
SUPPORT RODS: .070" x 1" SPACED 1" O.C.
CONSTRUCTION: EACH JUNCTURE OF SURFACE WIRES TO SUPPORT
RODS SHALL HAVE ELECTRIC RESISTANCE WELDED JOINTS.

OVERALL DIMENSION TOLERANCES:

GRATING: +0, -.125", FRAME: +0, -.125"

MANUFACTURING TOLERANCES:

ANST/MANM A202.1-1981 APPLICABLE TO:

CENTER MEASUREMENT OF TREAD MATERIAL

DIAGONAL MEASUREMENTS (SQUARE)

TRANSVERSE BOW (BEFORE FASTENING)

LONGITUDINAL BOW (BEFORE FASTENING)

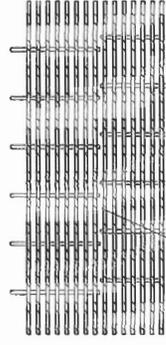
MATERIAL TOLERANCES:

ASTM A484/A484M APPLICABLE TO SS ANGLES

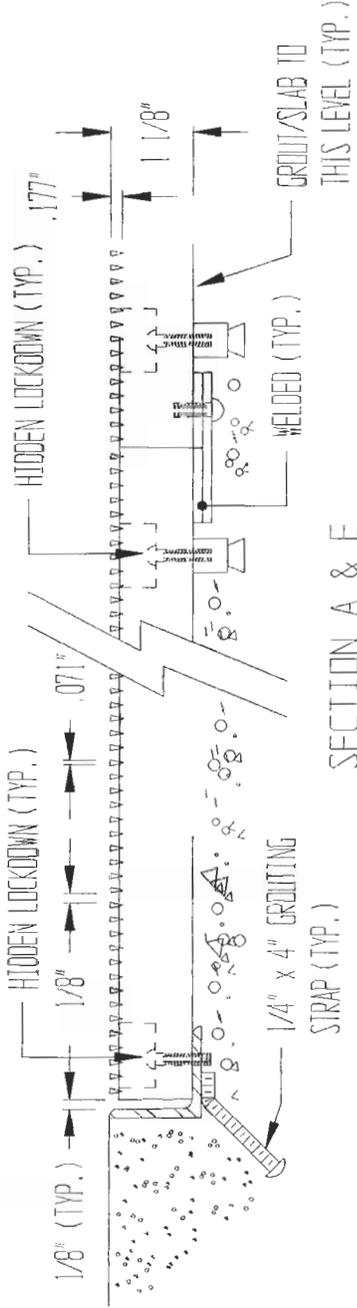
ASTM B221-88 APPLICABLE TO ALUM SHAPES

SPECIAL NOTES:

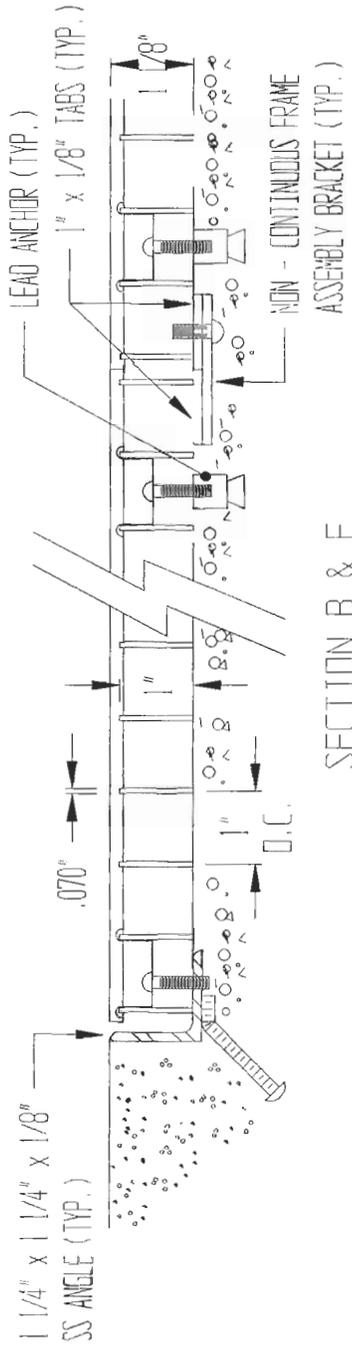
- * GC/INSTALLER IS RESPONSIBLE FOR COPLANAR INSTALLATION OF MAT SURFACE TO SURROUNDING FLOOR CONDITIONS
- * GIVEN THAT THE NUMBER OF SURFACE WIRES (TREAD MATERIAL) IN ONE FOOT IS ABOUT SIXTY, IT IS PROBABLE THAT ADJACENT PANELS' WIRES WILL NOT ALIGN IN EVERY CASE. IN MOST CASES, THE WIRES WILL ALIGN FOR SEVERAL INCHES THEN APPEAR TO WALK. THIS IS AN UNAVOIDABLE MANIFESTATION OF THE MANUFACTURING PROCESS. THIS CONDITION APPLIES TO THE SUPPORT RODS AS WELL.
- * SIMILARLY IN MITERED CORNERS, THE VARIANCES OF SLOTS WITHIN THE NORMAL TOLERANCE RANGES PRECLUDES GUARANTEED ADJACENT PANEL WIRE ALIGNMENT.



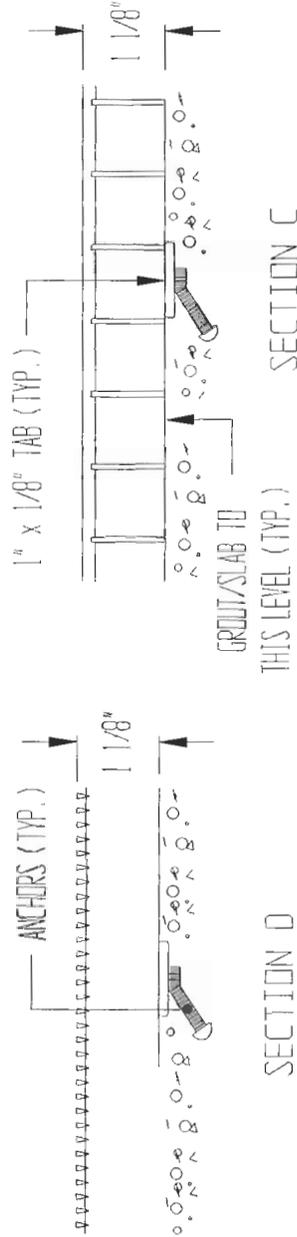
DETAIL A: SUPPORT RODS MAY NOT ALIGN
98ss1b.pcn



SECTION A & E



SECTION B & F



SECTION D

SECTION C

KADEE INDUSTRIES, INC.

160 NORT-FIELD ROAD □ CLEVELAND, OH 44146
 (800) 321-3827 □ TEL (440) 439-8650 □ FAX (440) 439-6889

GENERAL SPECIFICATIONS: KD98

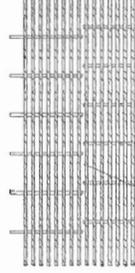
TREAD MATERIAL: TYPE 304 SS .071" x .177"
 #4 SATIN FINISH SPACED .125"; SPACING +/- .005.
 SUPPORT RODS: .070" x 1" SPACED 1" O.C.
 CONSTRUCTION: EACH JUNCTURE OF SURFACE WIRES TO SUPPORT
 RODS SHALL HAVE ELECTRIC RESISTANCE WELDED JOINTS.
 OVERALL DIMENSION TOLERANCES:
 GRATING: +0, -.125" ; FRAME: +0, -.125"

MANUFACTURING TOLERANCES:
 ANSINAAM A202.1-1981 APPLICABLE TO:
 ON CENTER MEASUREMENT OF TREAD MATERIAL
 DIAGONAL MEASUREMENTS (SQUARE)
 TRANSVERSE BOW (BEFORE FASTENING)
 LONGITUDINAL BOW (BEFORE FASTENING)

MATERIAL TOLERANCES:
 ASTM A464/A484M APPLICABLE TO SS ANGLES
 ASTM F221-88 APPLICABLE TO ALUM. SHAPES

SPECIAL NOTES:

- * GC/INSTALLER IS RESPONSIBLE FOR COPLANAR INSTALLATION OF MAT SURFACE TO SURROUNDING FLOOR CONDITIONS
- * GIVEN THAT THE NUMBER OF SURFACE WIRES (TREAD MATERIAL) IN ONE FOOT IS ABOUT SIXTY, IT IS PROBABLE THAT ADJACENT PANELS' WIRES WILL NOT ALIGN IN EVERY CASE. IN MOST CASES, THE WIRES WILL ALIGN FOR SEVERAL INCHES WHEN APPEAR TO WALK. THIS IS AN UNAVOIDABLE MANIFESTATION OF THE MANUFACTURING PROCESS. THIS CONDITION APPLIES TO THE SUPPORT RODS AS WELL. SIMILARLY IN MITERED CORNERS, THE VARIANCES OF SLOTS WITHIN THE NORMAL TOLERANCE RANGES PRECLUDES GUARANTEED ADJACENT PANEL WIRE ALIGNMENT.



DETAIL A:
 98ss.p1n
 SUPPORT RODS MAY NOT ALIGN

DRAWN BY:

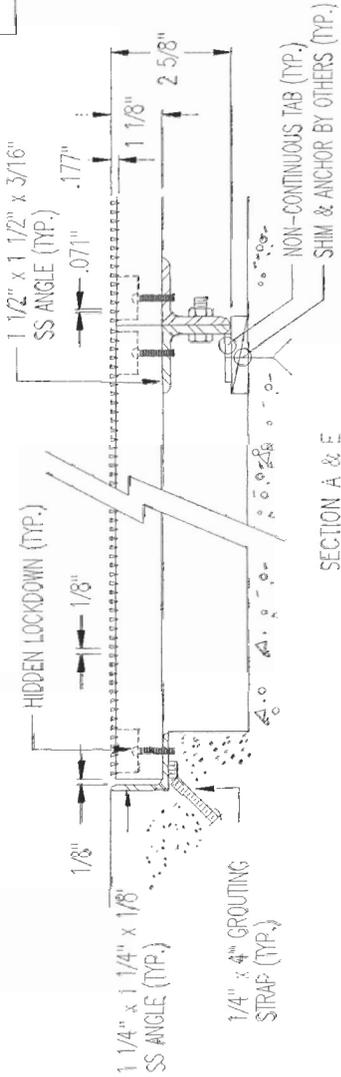
DATE:

JOB NO.:

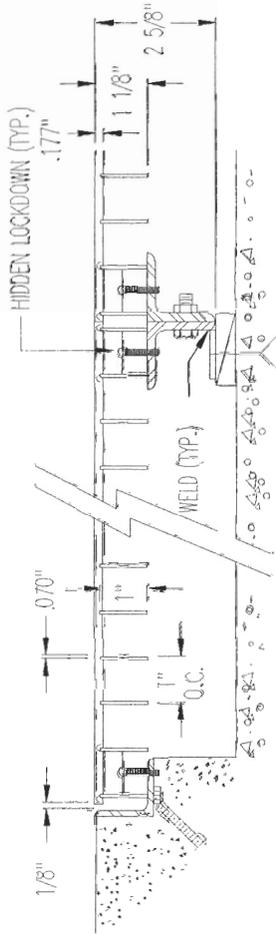
SHEET OF

PROJECT:

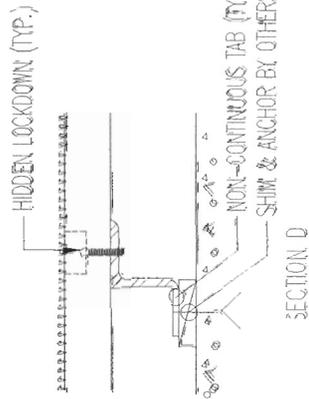
MODEL: KD98 SS Grating w/Hidden Locking Devices, SS Frame - PIT APPLICATION



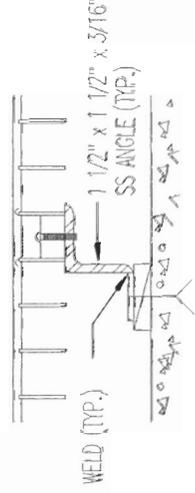
SECTION A & E



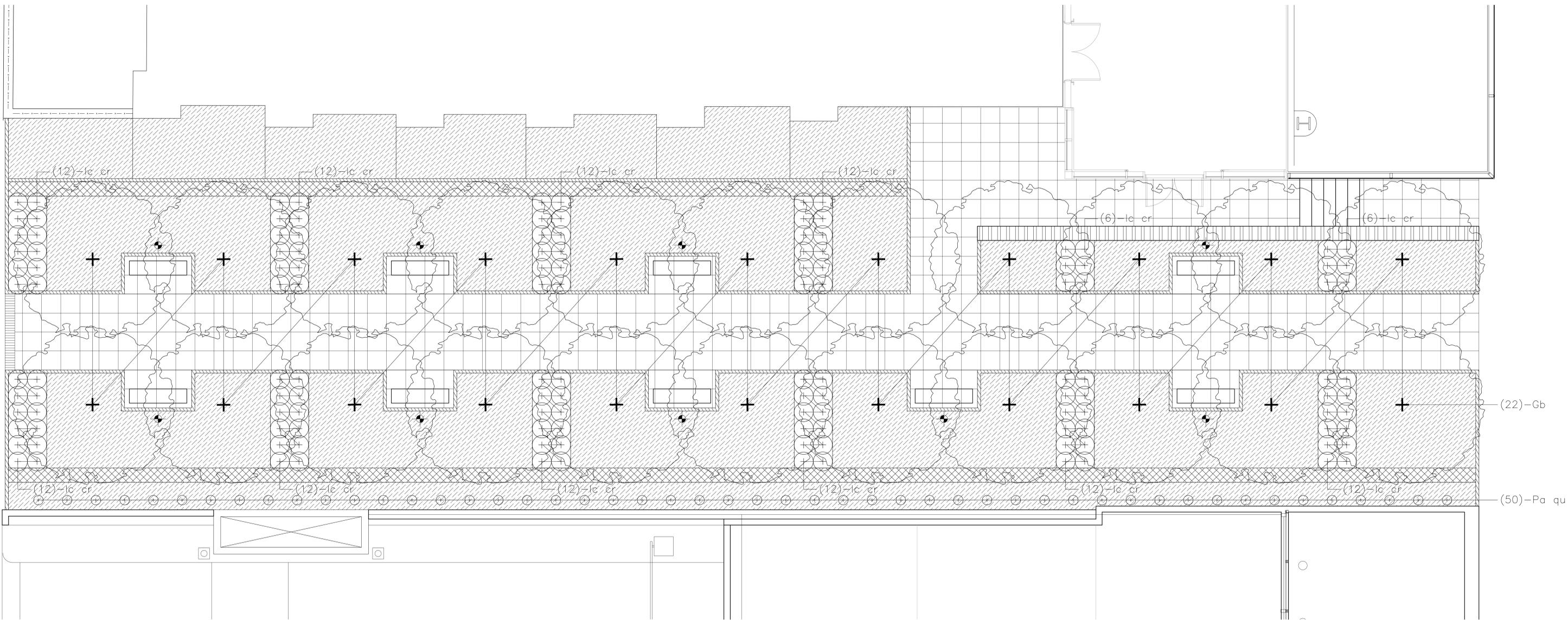
SECTION B & F



SECTION D



SECTION C



PLANT SCHEDULE						
Qty.	Key	Botanical Name	Common Name	Size	Spacing	Remarks
Canopy Trees (pre-purchased)						
22	Gb	Ginkgo biloba	Ginkgo	4" cal.	See Plan	limbed to 7'
Shrubs						
132	lc cr	Ilex crenata 'Compacta'	Compact Japanese Holly	18-24"	See Plan	
Groundcovers						
2402	Aj re	Ajuga reptans 'Burgundy Glow'	Bugleweed	2 1/4" pot	8" o.c.	
158	Mi de	Microbiota decussata	Russian Arborvitae	3 gal.	3' o.c.	Bronze winter color
1534	Op pl	Ophiopogon planiscapus 'Black Knight'	Black Mondo Grass	1 gal.	10" o.c.	
Vines						
50	Pa qu	Parthenocissus quinquefolia	Virginia Creeper	1 gal	3' o.c.	Red fall color

LEGEND

-  GROUND COVER - SEE PLANT SCHEDULE
-  STONE FINES (PATH IN PLANTING BEDS)
-  GRANITE CURBS
-  C.I.P. CONCRETE WALL
-  GRANITE PAVERS
-  STREET LIGHT
-  BENCH