2000-1 Addison Circle

Pre- Construction Conference - 1996

CLYDE JOHNSON, C.P.M. **PURCHASING MANAGER**

FACSIMILE TRANSMISSION **FAX: (214) 386-0938** **OFFICE: (214) 450-7090**

Date: February 8, 1996

To: Diana Miller

Subject: Rejection of Bids

Please place the following item on the council agenda for February 13, 1996:

Rejection of all bids received for "Addison Circle, Phase I Infrastructure" because the low bid exceeds the amount available to fund the project.

John Baumgartner has requested the bid be rejected and will provide a detailed explanation for the City Council.

copy: John Baumgartner
Randy Moravec

Addison! **FAX**

Date: 2-23-96

Page 1 of 13

To: John B

From: Clyde

Town of Addison - Finance Building
5350 Belt Line Road
Dallas, Texas 75240
Fax Number (214) 386-0938

Fax:

Comments:

Will inter-office hard copy

ADDENDUM NO. 1

To The Construction Specifications And Contract Documents For

ADDISON CIRCLE
PHASE I
PUBLIC INFRASTRUCTURE

January 17, 1996

CONTRACT DOCUMENTS

SECTION PF - PROPOSAL FORM

Bidders are instructed to make the following changes or additions to the subsection entitled "General Notes and Supplemental Specifications for Bidding".

A. Page PF-3

At the end of the description of "Item No. 117 - Special Paving Enhancements", add the following:

> *Vehicular bricks shall meet or exceed ASTM C67 and ASTM C1272-94 for Heavy Vehicular Paving Brick Type F as referenced in Technical Services Digest #141 bound herein. An acceptable material has been identified as equal to Acme "TULSA" HVT Brick. Brick Type A shall be equal to Acme color " Tulsa Blend 2, Garnet Red". Brick Type B shall be equal to Acme color "Tulsa Blend 20, Amaretto".*

B. Page PF-4

Insert the following description under Bid Schedule II:

> *Item 201 - Brick Paver (Sidewalk)*
>
> *This item consists of specified pedestrian Bricks A & B laid per the patterns in the plans. Note that many dimensions are noted in increments of brick (or "wythe"). Pedestrian Bricks shall meet or exceed ASTM C67 and ASTM C902 Class SX Type II. An acceptable material has been identified as equal to Old Virginia Brick Company Oversize, Wood Molded, Frogged Mixed Color #2 pavers. Type A shall be equal to the lightest color variations and Type B shall be equal to the darkest color variations of the same brick.*

C. Page PF-4

At the end of the description under BID SCHEDULE VIII, General, add the following:

> *Bid Schedule VIII is an alternate schedule and is not to be included in the Total Project Base Bid.*

D. Page PF-4

Add the following after BID SCHEDULE VIII:

BID SCHEDULE IX

General

Bid Schedule IX is an alternate schedule and is not to be included in the Total Project Base Bid.

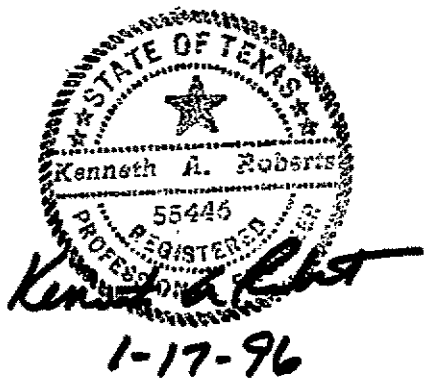
Item 901 - Upgraded Tree Grate

The specified upgraded tree grate shall be equal to Urban Accessories 5 foot SQ OT-T24, unpainted, per the attached catalog cut sheet.

E. Page PF-51

Replace page PF-51 in its entirety with the attached page PF-51 Revised.

END OF ADDENDUM NO. 1



1-17-96

HUITT-ZOLLARS

Huitt-Zollars, Inc. / Engineering / Architecture / 3131 McKinney Avenue / Suite 600 / LB 105 / Dallas, Texas 75204-2416 / 214-871-3311 / FAX 214-871-0757

PRE-CONSTRUCTION CONFERENCE MEETING MINUTES

DATE: March 28, 1996

PROJECT: Addison Circle Phase I Public Infrastructure

PRESENT: See Attached List

LOCATION: Columbus Realty Project Trailer
2:00 p.m.

DISCUSSIONS

1. Notice to proceed letter dated March 27, 1996 was given to Gibson and Associates, Huitt-Zollars and Columbus Realty Trust.

2. Construction progress meetings will be held on a weekly basis at the beginning of the project and may be reduced to bi-weekly or monthly depending on need. The first meeting will probably be held the second week of April. A time and day for the meetings will be selected with the input of Huitt-Zollars, Columbus Realty, Town of Addison and Gibson & Associates.

3. Construction plans for the wastewater line between Quorum Drive and the Tollway (Sheets 97-101 of 137) will be issued to the Town of Addison on Friday, March 29, 1996. Complete construction sets with contract books will be issued next week after final landscaping and irrigation comments have been addressed.

4. The contractor has requested 20 sets of plans and 10 sets of contract books.

5. TU Electric will supply the bolts for the foundations but they must be ordered with the light poles and fixtures. Gibson shall coordinate the ordering of the lights with TUE to so that bolts will be available at the time of the foundation construction.

6. TU Electric will have street light design complete in about one week. This design will include pull box locations and power source locations.

7. The tree lighting design will not be complete for at least one month. The contractor shall delay the ordering of the conduit and pull boxes associated with the tree lighting system until a final design is complete.

8. David Murray with MADD, the project surveyor, will contact Eric Yahoudy with Huitt-Zollars to coordinate the control staking for the project.

9. Huitt-Zollars will contact franchise and private utility companies and try to obtain construction plans to be kept at the job site.

10. Gibson will coordinate with Fugro-McClelland, Town of Addison and Huitt-Zollars for the procedure for ordering testing. Gibson, Huitt-Zollars, Columbus Realty and the Town of Addison shall be copied on all testing results. Testing on TU Electric facilities shall be copied to Jim Switzer at the Farmers Branch office.

11. There will be a small inspection "kick-off" meeting at 10:00 AM on Monday April 1, 1996 at the intersection of Quorum Drive and Mildred Street. The purpose of this meeting will be to establish parameters for inspection.

12. Llano Construction will be setting up a 100' x 100' staging area will be set up 15 feet east of Quorum Drive on the north side of the channel.

13. Change orders and pay estimates will need approval of Gibson, Town of Addison, Columbus Realty and Huitt-Zollars. It is important that each of the parties involved expedite their portion of the process to maintain a reasonable time frame for payment. Gibson typically bills between the 25th and the end of the month. A change order which is in excess of $15,000, whether it is an increase or decrease, will require approval by the Town Council.

14. The following is a list of the primary contacts for the project:
Town of Addison - Bruce Ellis 450-2871 or 450-2847
Gibson & Associates - Mark Person 557-1199
Llano Construction - Jeff Hicks 690-6681
Columbus Realty Trust - Mark Brandenburg 726-0560
Huitt-Zollars, Inc. - David Meyers 871-3311
Newman, Jackson Bieberstein - Paul Shaw 233-2033

15. TU Electric will provide inspection on a weekly or bi-weekly basis.

16. All road closures must be coordinated through the Town of Addison including police and fire departments. Mildred Street will be closed between Julian and Quorum in the next few days.

17. Contractor shall secure all necessary permits through the Town of Addison.

18. A new special event has been scheduled for the last weekend in October. The event will

begin set up on a Thursday and run through Sunday. Additional coordination will be required as we get closer to October.

19. A storage area and field office area for Gibson will be set up in the near future by Columbus Realty.

20. The contractor is reminded about making sure that the site is kept clean especially street sweeping.

21. Shop drawings shall be submitted to David Meyers at Huitt-Zollars for review.

22. All construction sets will be stamped by the Town of addison prior to being issued to the field.

END OF MEETING

This report is assumed to be a true and accurate account of this meeting unless written notification to the contrary is received within ten (10) days.

SUBMITTED BY:
HUITT-ZOLLARS, INC.

David E. Meyers

cc: All attendees

SIGN-IN SHEET

'ROJECT: ADDISON CIRCLE PHASE I PUBLIC INFRASTRUCTURE DATE: 3/28/96 2:00 P.M.

NAME	COMPANY	TELEPHONE/FAX NOS.
Andy Oakley	Huitt-Zollars, Inc	871-3311 / 871-0757
Ken Roberts	"	" "
David Meyers	"	" "
P Adamez Jr	LLANO Const	690-6681
JEFF HICKS *	LLANO CONST	690-6681
John Baumgartner *	Town of Addison	450-2871 931-6643
Bruce Ellis	" "	" "
Slade Strickland	" "	" "
Keith Thompson	" "	" "
Jose Flores	" "	" "
Ron Lee	" "	" "
Thomas E Kelley	LLANO CONST	690 6486
Tony Johnston *	Gibson & Assoc Inc	557-1199 / 557-1552
[illegible] *	[illegible]	233-30[illegible] / 233-30[illegible]
GEORGE ESQUEDA *	TU ELECTRIC	888-1343 / 888-1304
[illegible] *	PALM Inc	931-1554 / 931-7544
[illegible]	— " —	— " —
Drew Davis	Davis Excavation	903/482-6076
John [illegible] *	MTS	783-3000 [illegible]
MARK BRANDENAURG *	COLUMBUS	770-5148 / 72[illegible]

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SIGN-IN SHEET

PROJECT: ADDISON CIRCLE PHASE I PUBLIC INFRASTRUCTURE DATE: 3/28/96 2:00 P.M.

NAME	COMPANY	TELEPHONE/FAX NOS.
Jerry Morgan	Building Sciences	369-7474
SAAD HINEIDI	FUGRO-McCLELLAND	484-8301/620-7826
Ron Lee	Town of Addison	450-2851
Ricky Raymond	Gibson & Assoc.	557-1199 / Fax 557-1552
FERNAND HOLLIER	COMMONS REALTY TRUST	726 0560, 726 0563
Mark Person	Gibson + Assoc. Inc.	557-1199 / 557-1552
Johnny Heine	Mel's Electric Service	565-1074 / 565-1081
Tim Keiferleber	MEL'S ELEC.	565-1074 / 565-1081
Jose T. Flores	TOWN of ADDISON	450-2871
Jesus Mata	LLANO CONSTRUCTION	693-4935 mobile 626-9692 pager
Daniel Hayes	LLANO Const	690-6651

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HUITT-ZOLLARS

Engineering / Architecture

Dallas • Fort Worth • Houston • El Paso • Phoenix • Tustin • Ontario • San Clemente

FACSIMILE TRANSMITTAL

Date: 3/29/96 Fax No.: See Below

H-Z Proj. No. _____ No. of Pages: 6 (Including Cover Sheet)

TO: _____

☐ URGENT ☐ For Your Review ☐ Please Call Upon Receipt ☐ Orig. To Follow By Mail

JEFF HICKS -
JOHN BAUMGARTNER - 931-6643
TONY JOHNSON - 557-1552
PAUL SHAW - 233-2022
GEORGE ESQUIVEL - 888-1304
BRENDAN O'DRISCOLL - 931-7344
JOHN HERRALD - 690-6014
MARK BRUNEMANN - 726-0562
JERRY MORGAN
JOHNNY HEARN - 565-1081
BRYANT HURD - 770-5129

FROM: David Meyers

SENT BY: _____ TIME: _____ DATE: _____

If you had any problems receiving the Facsimile Transmittal, please contact Ms. Janet Willis or the individual listed above at (214) 871-3311. Thank you.

3131 McKinney Avenue • Suite 600 • Dallas, Texas 75204 • (214) 871-3311 • FAX (214) 871-0757

TECHNICAL SERVICES DIGEST 1 NOVEMBER 1994 ACME BRICK Since 1891

SUBJECT: **ASTM SPECIFICATION FOR HEAVY VEHICULAR PAVING BRICK**

A new standard specification for Heavy Vehicular Paving Brick is now available.

This standard is issued under the fixed designation C 1272; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. a superscript epsilon () indicates an editorial change since the last revision or approval.

The standard for Heavy Vehicular Paving Brick was issued in August 1994 with the designation C 1272-94. It is now being sold and distributed by ASTM. This standard complements ASTM C 902 Specification for Pedestrian and Light Traffic Paving Brick. As stated in the scope of this standard, the paving brick are intended for applications receiving a combination of high volumes of heavy vehicles. Although it is not defined in the standard, the intention of the task group was to define "heavy vehicles" as multi-axle trucks, such as tractor-trailer trucks; and "high volumes" as frequent daily truck traffic. One pass of a heavy truck is not considered high volume. Some road design manuals define low volume roads as roads receiving a maximum of 1 to 1.5 million total cumulative Equivalent Standard Axle Loads (ESAL). High volume traffic would be above that number. Applications which this standard would apply include city streets, country roads, industrial pavements, or ports. ASTM C 902 should be used in all other applications such as pedestrian traffic and vehicular traffic restricted to automobile traffic. Service vehicles such as postal and two-axle delivery trucks are not normally considered heavy vehicles.

FRED CLAYTON
DAS 290

1. Scope

1.1 This specification covers brick intended for use as a paving material in areas with a high volume of heavy vehicular traffic. The units are designed for use in such places as streets, commercial driveways, and aircraft taxiways. These units are not intended for applications covered by Specifications C 410 or C 902.

1.2 Units are manufactured from clay, shale, or similar naturally occurring earthy substances and subjected to a heat treatment at elevated temperatures (firing). The heat treatment must develop sufficient fired bond between the particulate constituents to provide the strength and durability requirements of this specification (see firing, fired bond, and incipient fusion in Terminology C 43).

1.3 Brick may be shaped during manufacture by extruding, molding, or pressing. Brick may have spacing lugs, chamfered edges, or both.

1.4 The values stated in inch-pound units are to be regarded as the standard. The values given in parentheses are for information only.

2. Referenced Documents

2.1 *ASTM Standards:*

C 43 Terminology of Structural Clay Products[2]

C 67 Test Methods for Sampling and Testing Brick and Structural Clay Tile[2]

C 88 Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate[3]

C 410 Specification for Industrial Floor Brick[2]

C 418 Test Method for Abrasion Resistance of Concrete by Sandblasting[3]

C 902 Specification for Pedestrian and Light Traffic Paving Brick[2]

E 303 Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester[4]

3. Terminology

3.1 *Definitions*—Terms used in this specification are defined in Terminology C 43.

4. Classification

4.1 *Types*—Heavy vehicular paving brick are classified by type according to their intended installation:

4.1.1 *Type R*—Brick intended to be set in a mortar setting bed supported by an adequate concrete base; or an asphalt setting bed supported by an adequate asphalt or concrete base.

4.1.2 *Type F*—Brick intended to be set in a sand setting bed, with sand joints, and supported by an adequate base.

4.2 *Applications*—Heavy vehicular paving brick are classified by application according to their dimensional tolerances, distortion, and extent of chips.

4.2.1 *Application PS*—Pavers intended for general use.

4.2.2 *Application PX*—Pavers intended for use where dimensional tolerances, warpage, and chippage are limited.

4.2.3 *Application PA*—Pavers intended to produce characteristic architectural effects resulting from nonuniformity in size, color, and texture.

5. Physical Requirements

5.1 *Durability*—The brick shall conform to the physical requirements for the type specified as prescribed in Table 1.

5.1.1 *Freezing and Thawing Alternate*—The cold water absorption requirements specified in 5.1 shall not be required provided a sample of five brick, meeting all other requirements, passes the 50 cycle freezing-and-thawing test in Test Methods C 67 with not greater than 0.5 % loss in dry weight of any individual unit.

NOTE 1—The provisions of 5.1.1 are specified only as an alternative when the sample does not conform to the requirements for cold water absorption prescribed in Table 1.

5.1.2 *Sulfate Soundness Test Alternate*—The cold water absorption requirements specified in 5.1 shall not be required if a representative sample of five brick survives 15 cycles of the sulfate soundness test in accordance with Sections 4, 5, and 8 of Test Method C 88 with no visible damage.

NOTE 2—The sulfate soundness test is an optional substitute test for the freezing-and-thawing test (5.1.1).

5.2 *Performance*—If information on the performance over time of similar units in a similar application with similar exposure and traffic is furnished by the manufacturer or the manufacturer's agent and is found acceptable to the specifier of the pavement material or the specifier's agent, the physical requirements in 5.1 or the size requirements in 7.2 shall not be required.

5.3 *Abrasion Resistance*—Each individual brick tested shall meet the requirements of either the Abrasion Index column or the Volume Abrasion Loss column of Table 2.

5.3.1 *Abrasion Index*—The abrasion index is calculated from the cold absorption in percent and the compressive strength in pounds per square inch as follows:

TABLE 1 Physical Requirements

Type	Minimum Compressive Strength, Gross Area, psi (MPa)		Minimum Modulus of Rupture, psi (MPa)		Maximum Cold Water Absorption, %	
	Avg. of 5 Brick	Individual	Avg. of 5 Brick	Individual	Avg. of 5 Brick	Individual
R	8 000 (55.2)	7 000 (48.3)	1 200 (8.3)	1 000 (6.9)	6	7
F	10 000 (69.0)	8 800 (60.7)	1 500 (10.3)	1 275 (8.8)	6	7

TABLE 2 Abrasion Requirements[A]

Type	Abrasion Index, max	Volume Abrasion Loss, max, cm^3/cm^2
R and F	0.11	1.7

[A] See Sections 5.3.1 and 5.3.2 for additional information.

$$\text{abrasion index} = \frac{100 \times \text{absorption}}{\text{compressive strength}}$$

TABLE 3 Tolerances on Dimensions

Dimension, in. (mm)	Permissible Variation, max, ±in. (±mm)		
	Application PS	Application PX	Application PA
3 (76) and under	1/8 (3.2)	1/16 (1.6)	no limit
Over 3 to 5 (76 to 127)	3/16 (4.7)	3/32 (2.4)	no limit
Over 5 to 8 (127 to 203)	1/4 (6.4)	1/8 (3.2)	no limit

TABLE 4 Tolerances on Distortion

Specified Dimension, in. (mm)	Permissible Distortion, max, in. (mm)		
	Application PS	Application PX	Application PA
8 (203) and under	3/32 (2.4)	1/16 (1.6)	no limit
Over 8 (203) to 12 (305)	1/8 (3.2)	3/32 (2.4)	no limit
Over 12 (305) to 16 (406)	5/32 (4.0)	1/8 (3.2)	no limit

TABLE 5 Maximum Permissible Extent of Chippage from Edges and Corners

Application	Chippage, in. (mm) in from	
	Edge	Corner
PS and PX	5/16 (7.9)	1/2 (12.7)
PA	no limit	no limit

5.3.1.1 The compressive strength shall be determined on half-brick, which are the full height (no less than 2¼ in. (57 mm)) and width of the unit, and with a length equal to one half the full length of the unit (±¼ in. (±6 mm) for each dimension). For abrasion index testing purposes, the brick shall be without core holes, frogs or other perforations. Other shaped specimens may be used provided that a correlation is established with the results of the specified shape and the results are converted to be equivalent to those that would be obtained with the specified shape.

5.3.1.2 In those cases where the height requirements for determining compressive strength cannot be met, the abrasion resistance should be determined according to the volume abrasion loss method.

5.3.2 *Volume Abrasion Loss*—The volume abrasion loss should be determined in accordance with Test Method C 418, with the following changes in procedure:

5.3.2.1 The sand shall be a natural silica sand from Ottawa, IL, graded to pass a No. 50 (300-μm) sieve and retained on a No. 100 (150-μm) sieve.

5.3.2.2 The test shall be run on dry brick.

5.3.2.3 The duration of the test shall be 2 min.

5.3.2.4 The rate of sand flow shall be 400 g/min.

5.3.2.5 The volume loss shall be determined by filling the abraded depression with modeling clay, striking off level with the original surface of the brick, and removing and weighing the modeling clay. The volume loss shall be calculated from the bulk density of the modeling clay. The bulk density should be determined on each lot of modeling clay. An alternative method of determining the weight of clay used in filling the sandblast cavity is to determine the weight of the modeling clay sample before and after filling the cavity.

5.4 *Skid Resistance*—When specified, the units shall be tested for skid resistance in accordance with Test Method E 303.

5.5 *Coring*—The brick shall be without core holes or other perforations.

5.6 *Chips or Cracks*—The brick shall be free of chips or cracks larger than those listed in this specification that would significantly impair the performance of the system.

6. Efflorescence

6.1 When specified, the units shall be tested for efflorescence in accordance with Test Methods C 67. The units shall be sampled at the place of manufacture.

7. Dimensions and Permissible Variations

7.1 The size of the brick shall be as specified by the purchaser.

7.2 The minimum thickness of the unit shall depend upon the classification:

7.2.1 *Type R*—2¼ in. (57.2 mm).

7.2.2 *Type F*—2⅝ in. (66.7 mm).

7.3 When chamfers are specified by the purchaser, the dimensions required in 7.2 are exclusive of chamfers. When lugs are specified by the purchaser, the size of the brick and its associated dimensional tolerances shall include the lugs. The lugs shall project no greater than ⅛ in. (3.2 mm), unless otherwise specified.

7.4 In the sample of units, no unit shall depart from the specified size by more than the individual tolerance for the application specified as prescribed in Table 3. Type F paving brick shall conform to Application PX only.

7.5 Tolerances for distortion or warpage of surfaces or edges intended to be exposed in use from a plane surface and from a straight line, respectively, shall not exceed the maximum for the application specified as prescribed in Table 4. Type F paving brick shall conform to Application PX only.

8. Visual Inspection

8.1 Other than chips, the brick shall be free of cracks or other imperfections detracting from the appearance of a designated sample when viewed from a distance of 20 ft (6 m).

8.2 The parts of the brick that will be exposed in place shall be free of chips that exceed the limits given in Table 5. The cumulative length of chips on the exposed face of a single unit shall not exceed 10 % of the perimeter of the exposed face of the brick.

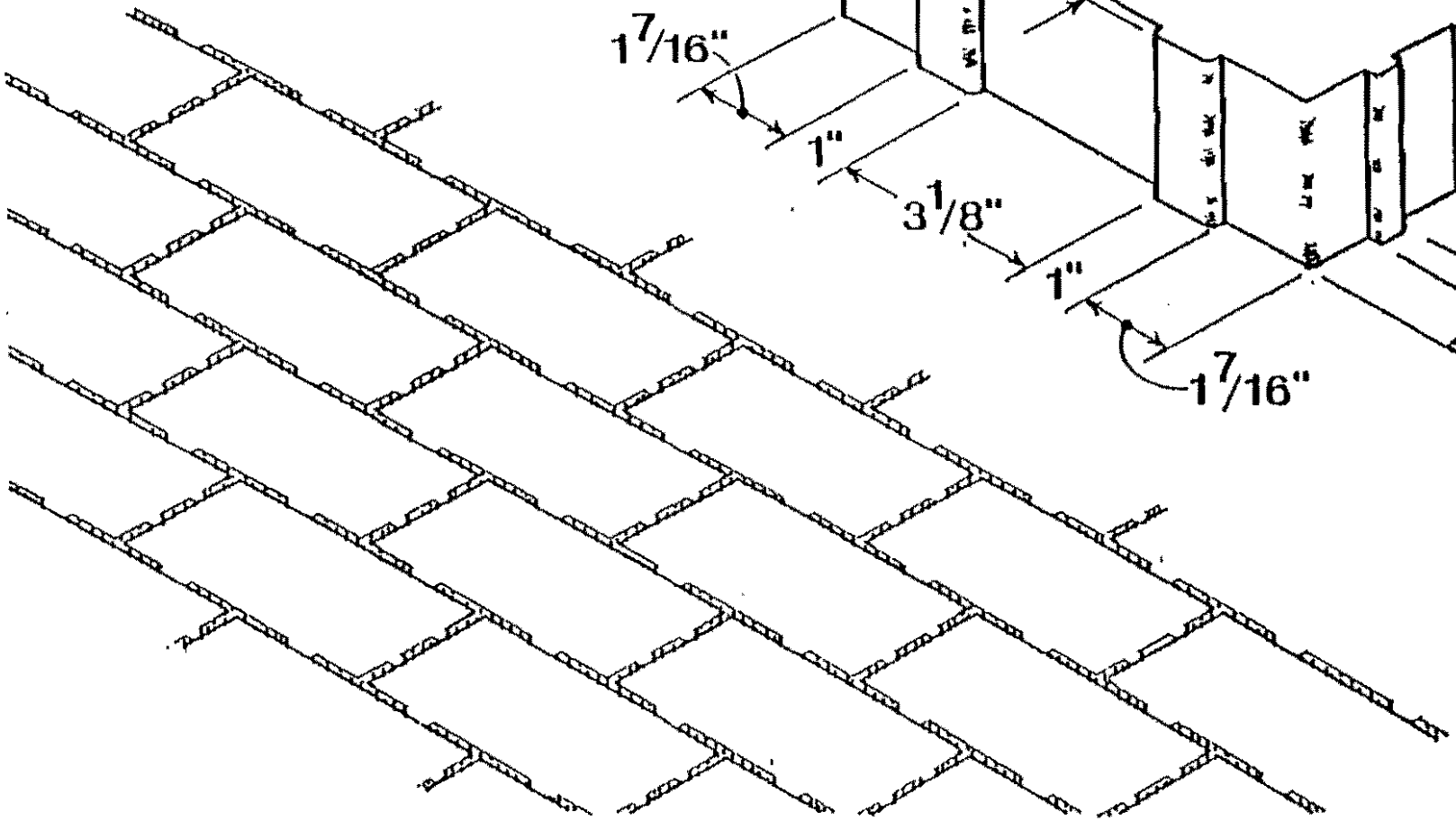
8.3 Unless otherwise agreed upon in writing by the purchaser and the seller, a delivery shall contain not more than 5 % brick that do not meet the combined requirements of Tables 3, 4, and 5, including broken brick.

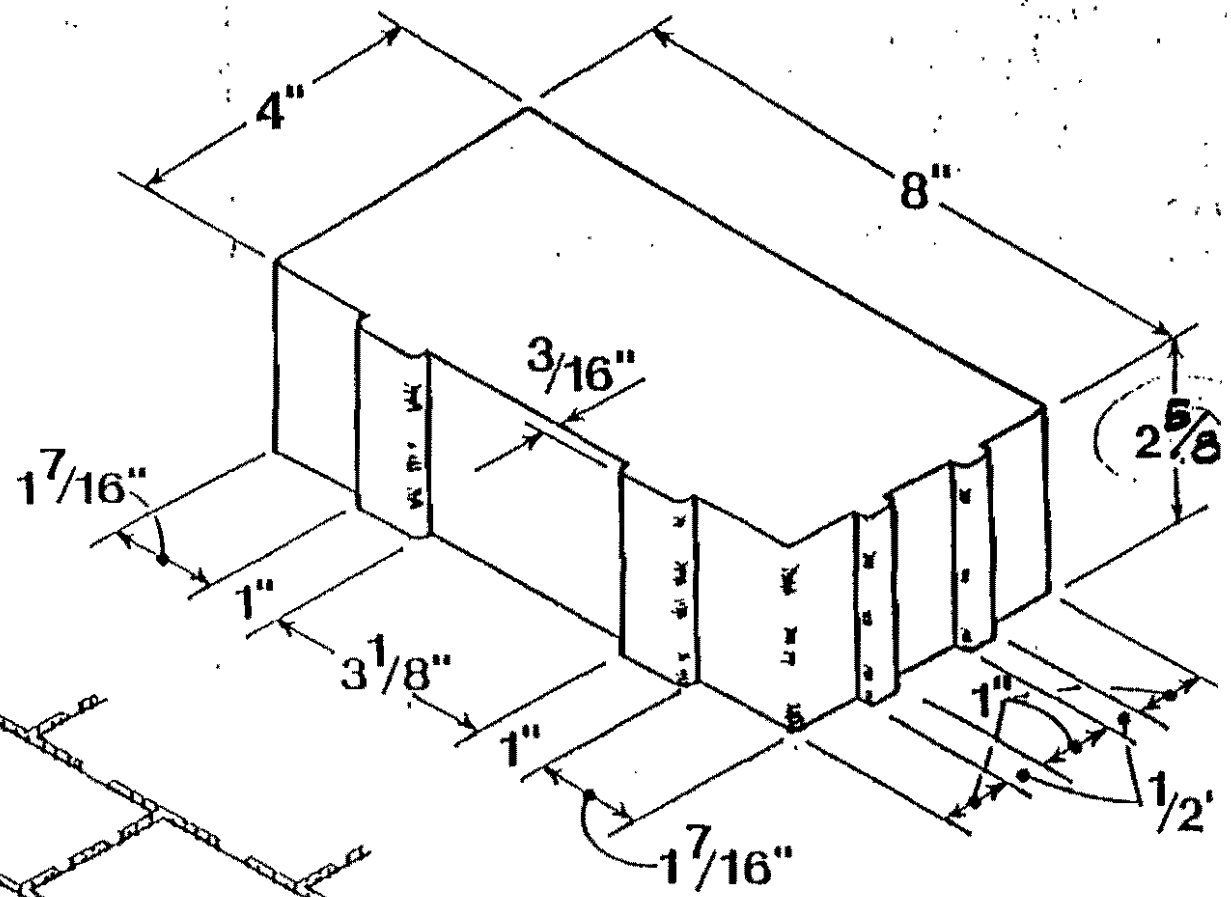
9. Keywords

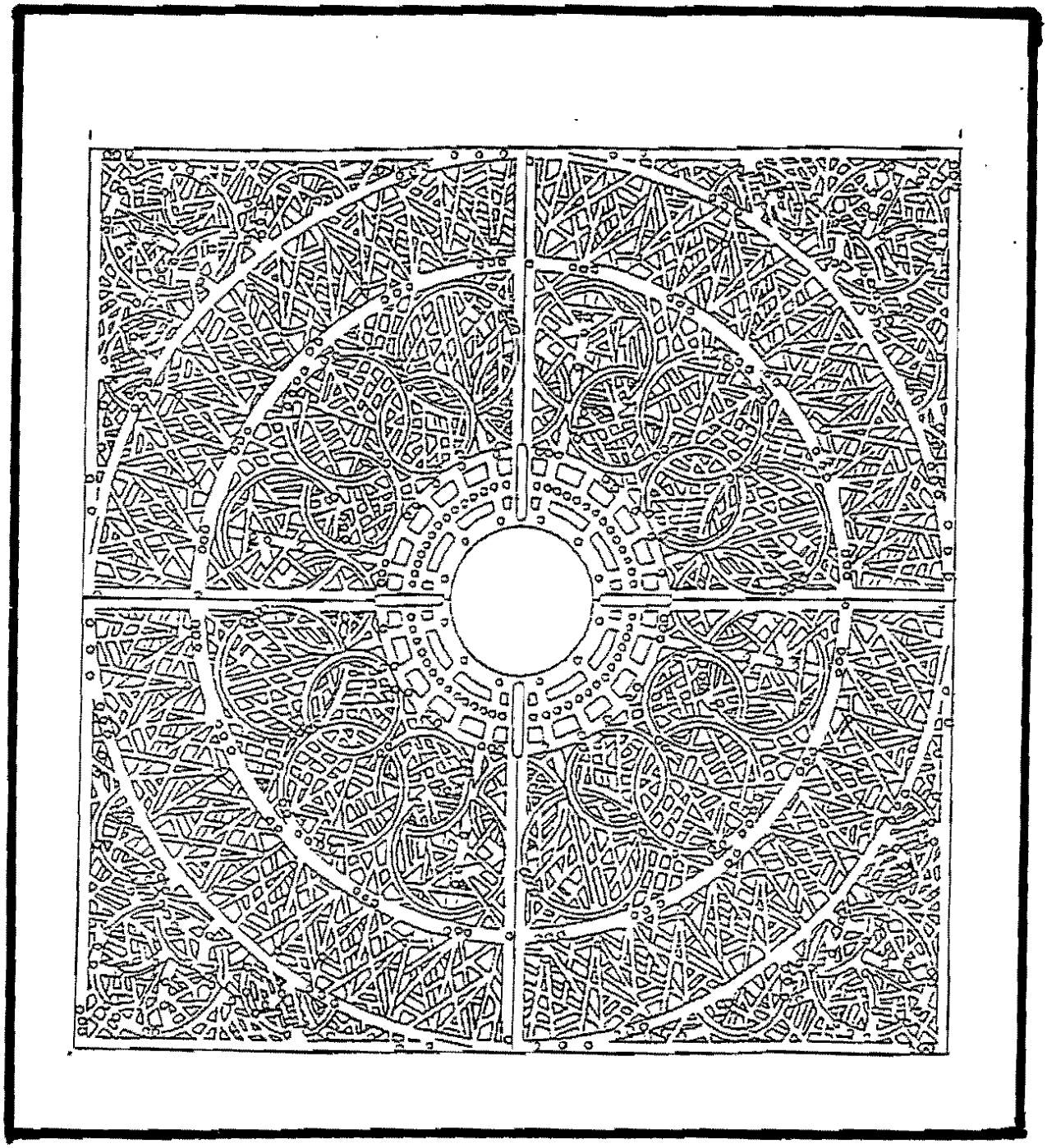
9.1 brick; fired masonry units; pavement surfaces

ACME BRICK

HEAVY VEHICULAR TRAFFIC PAVER







UPGRADE TREE GRATE

5 FOOT SQ OT-T24

URBAN ACCESSORIES
(800) 448-0429

TITLE:

CLIENT:

PROJECT: ADDISON CIRCLE PHASE II

PROJ. MGR.:

PROJ. NO.:

HUITT-ZOLLARS, INC.
3131 McKinney Avenue, Suite 600
Dallas, Texas 75204
214-871-3311

	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	
ARCHITECTURAL / ENGINEERING - PRIVATE PROJECT												
Formation of Design Team	●											2/8
Review Program & RTKL / Columbus												2/25 - 3/30
Establish Scope & Contracts												3/31 - 4/12
Schematic Design - Architecture												3/31 - 5/11
Grading												4/14 - 4/27
Schematic Design - Landscape												
" " - Civil												
Schematic Review - Columbus												5-12 - 6/1
Meet w/City / Schematic Sign-off				●								± 6/13
Design Development - Arch												6/2 - 7/27
" " - LA												6/2 - 7/13
" " - Civil												6/30 - 7/13
" " - MEP												?
" " - STRUCT.												?
Development Plan												6/30 - 7/22
Development Plan Submittal					●							7/22
DD Review												7/28 - 8/24
Development Plan Approval @ P&Z / Council						●	●					8/22 & 9/10
Preliminary Plat												
Preliminary Plat Submittal							●					9/23
Preliminary Plat Approval @ P&Z / Council								●	●			10/24 & 11/12
CIVIL CDs												
City Review of Civil												
Act on City Comments / Approval												
Architectural Permit Set												
Final Plat												
Final Plat Submittal									●			11/18
Final Plat Approval @ P&Z & Council										●	●	12/19 & 1/14