

9

Date April 21, 2008

APPROVING CHANGE ORDER NO. 2 WITH  
BAKER ELECTRIC, INC.  
FOR ADDITIONAL WORK ON THE  
COURT AVENUE STREETScape REHABILITATION  
FOR A TOTAL NOT TO EXCEED \$44,338.50

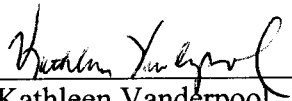
BE IT RESOLVED by the City Council of the City of Des Moines, Iowa, that the attached Change Order No. 2 between the City of Des Moines and Baker Electric, Inc., John Layland, Executive Vice President, 111 Jackson Street, Des Moines, Iowa, 50315, for additional work on the Court Avenue Streetscape Rehabilitation, in an amount not to exceed \$44,338.50, be and is hereby approved, and the City Manager is authorized and directed to execute said change order.

(Council Communication Number 08-222 attached)

Activity ID 04-2007-013

Moved by \_\_\_\_\_ to adopt.

FORM APPROVED:

  
Kathleen Vanderpool  
Deputy City Attorney



Funding Source: 2008-09 CIP, Page Street-11, Court Avenue Streetscape – Two-way Traffic Conversion, STR225

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
HENSLEY				
KIERNAN				
MAHAFFEY				
MEYER				
VLASSIS				
TOTAL				

CERTIFICATE

I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

MOTION CARRIED APPROVED

\_\_\_\_\_  
Mayor

\_\_\_\_\_  
City Clerk

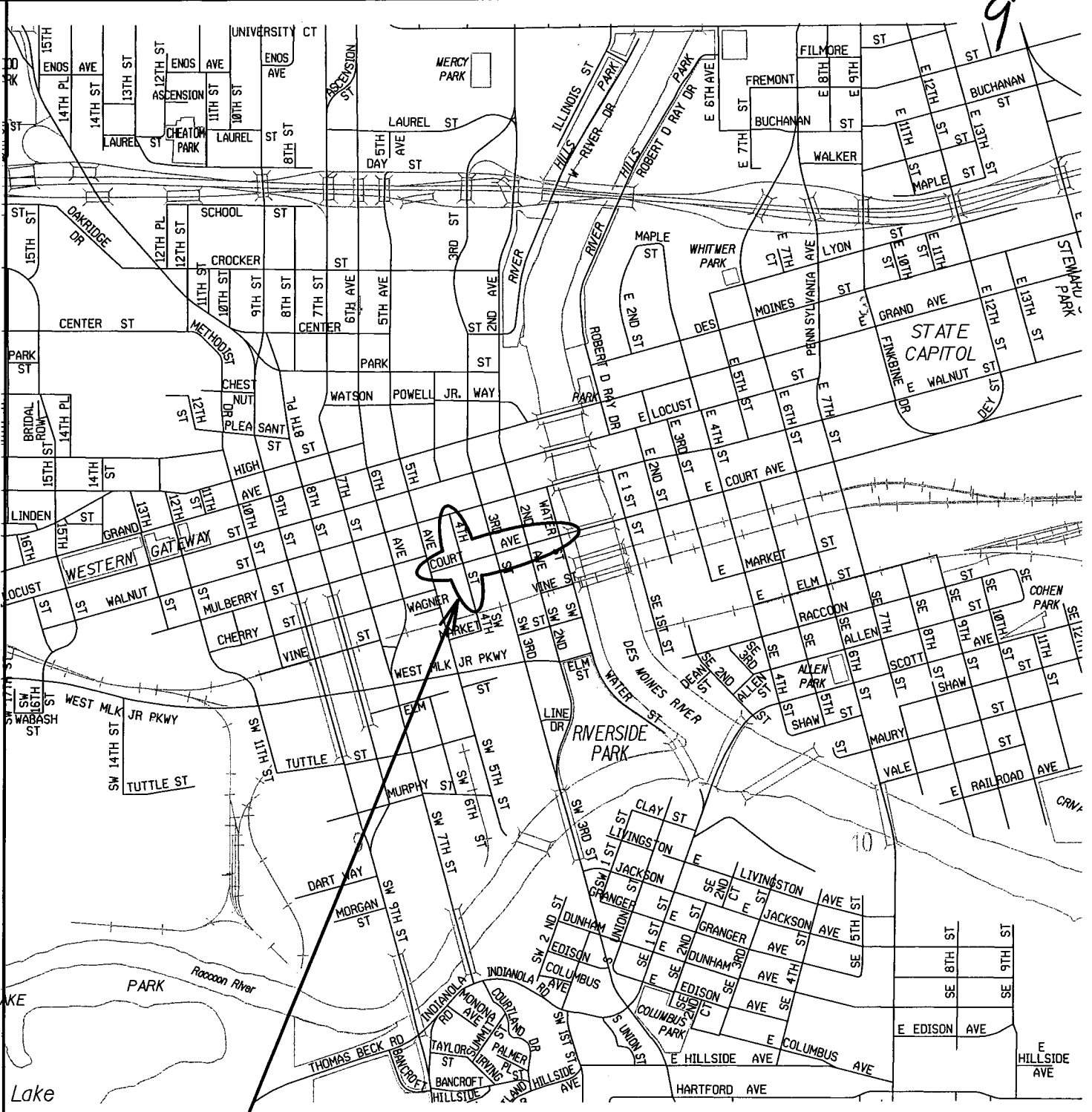
# Summary of Change Orders

Court Avenue Streetscape Rehabilitation

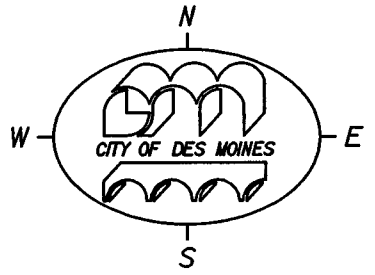
Activity ID 04-2007-013

<b>Change</b>			
<b>Order No.</b>	<b>Initiated By</b>	<b>Description</b>	<b>Amount</b>
1	Consultant	4/1/2008 Provide different light pole model than originally specified. This change is being made because the base configuration of the specified light poles could fit over the conduits in the existing base as originally thought.	\$7,200.88
2	Consultant	Extend the existing anchor bolts and modify the existing light bases along Court Avenue to work with the new light poles.	\$44,338.50
<b>Original Contract Amount</b>			\$626,358.41
<b>Total Change Orders</b>			\$51,539.38
<b>Percent of Change Orders to Original Contract</b>			8.23%

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**PROJECT  
LOCATION**



**COURT AVE. STREETSCAPE REHABILITATION  
ACTIVITY I.D. 04-2007-013**

**ENGINEERING DEPARTMENT  
CITY OF DES MOINES, IOWA  
CHANGE ORDER AGREEMENT NO. 2**

DATE: April 7, 2008  
 CONTRACTOR: Baker Electric, Inc.  
 PROJECT: Court Avenue Streetscape Rehabilitation  
 SUBPROJECT: N/A

ACTIVITY ID:: 04-2007-013  
 ACTIVITY ID:

INITIATED BY:  
 City  
 Contractor  
 Consultant

**DESCRIPTION OF CHANGE ORDER AND PURPOSE**

2.01 Extend the anchor bolts and raise the concrete base on all existing light pole bases on Court Avenue as shown on Attachment 1. This change is required to provide sufficient anchor bolt length to attach the new poles to the existing concrete bases. It was originally thought that the new poles could be mounted on the existing bases without any modifications, however after a detailed investigation of each base, anchor bolts on 41 out of 49 of the existing light bases were found to be too short to work with the new poles. The new poles have a different bolting arrangement than the existing poles and require a slightly longer anchor bolt. For uniformity, all bases on Court Avenue will be revised. This base modification will also help protect the base of the aluminum pole from damage during snow removal operations.

2.02 Provide additional staging and traffic control to install the new lights and construct the light base modifications on Court Ave. Originally, the new poles could be installed the same day as the old poles were removed. Additional staging, and barricading will now be required to remove the existing pole, construct the base modifications, and return to install the new pole.

2.03. Construct the new bases on 4th Street 3 inches above the walk surface to match to the revised base height along Court Avenue.

**SETTLEMENT FOR COST OF CHANGED WORK**

A. CHANGE OF PLANS TO BE INCLUDED IN AS-BUILT MEASUREMENT OF CONTRACT ITEMS:

ITEM	DESCRIPTION	UNITS	UNIT PRICE	INCREASE OR DECREASE(-)
NET CHANGE PART A				<b>\$0.00</b>

B. ITEMS FOR WHICH CONTRACT UNIT PRICES ARE NOT ESTABLISHED:

ITEM	DESCRIPTION	UNITS	UNIT PRICE	INCREASE OR DECREASE(-)
2.01	Modify existing light bases-Court Ave.	49 EACH	\$766.50	\$37,558.50
2.02	Additional staging and traffic control	1 LS	\$6,780.00	\$6,780.00
2.03	Revise top of base elevation on 4th Street	1 LS	\$0.00	\$0.00
NET CHANGE PART B				<b>\$44,338.50</b>

<b>Original Contract Amount</b>	<b>\$626,358.41</b>	<b>TOTAL \$44,338.50</b>
<b>Previously Authorized Change Orders</b>	<b>\$7,200.88</b>	
<b>Amount of Change By This Change Order</b>	<b>\$44,338.50</b>	
<b>New Contract Amount Including This Change Order</b>	<b>\$677,897.79</b>	
<b>Percentage of Change Orders to Original Contract</b>	<b>8.23%</b>	

  
 SETH GRAY, CONSULTANT PROJECT MANAGER      DATE 4-8-2008

  
 GARY HLAVKA, PROJECT ENGINEER      DATE 4/10/2008

  
 JEB BREWER, CITY ENGINEER      DATE 10 APR 08

  
 BAKER ELECTRIC, INC.      DATE 4-9-2008

RICHARD A. CLARK, CITY MANAGER      DATE

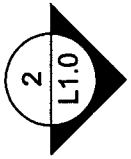
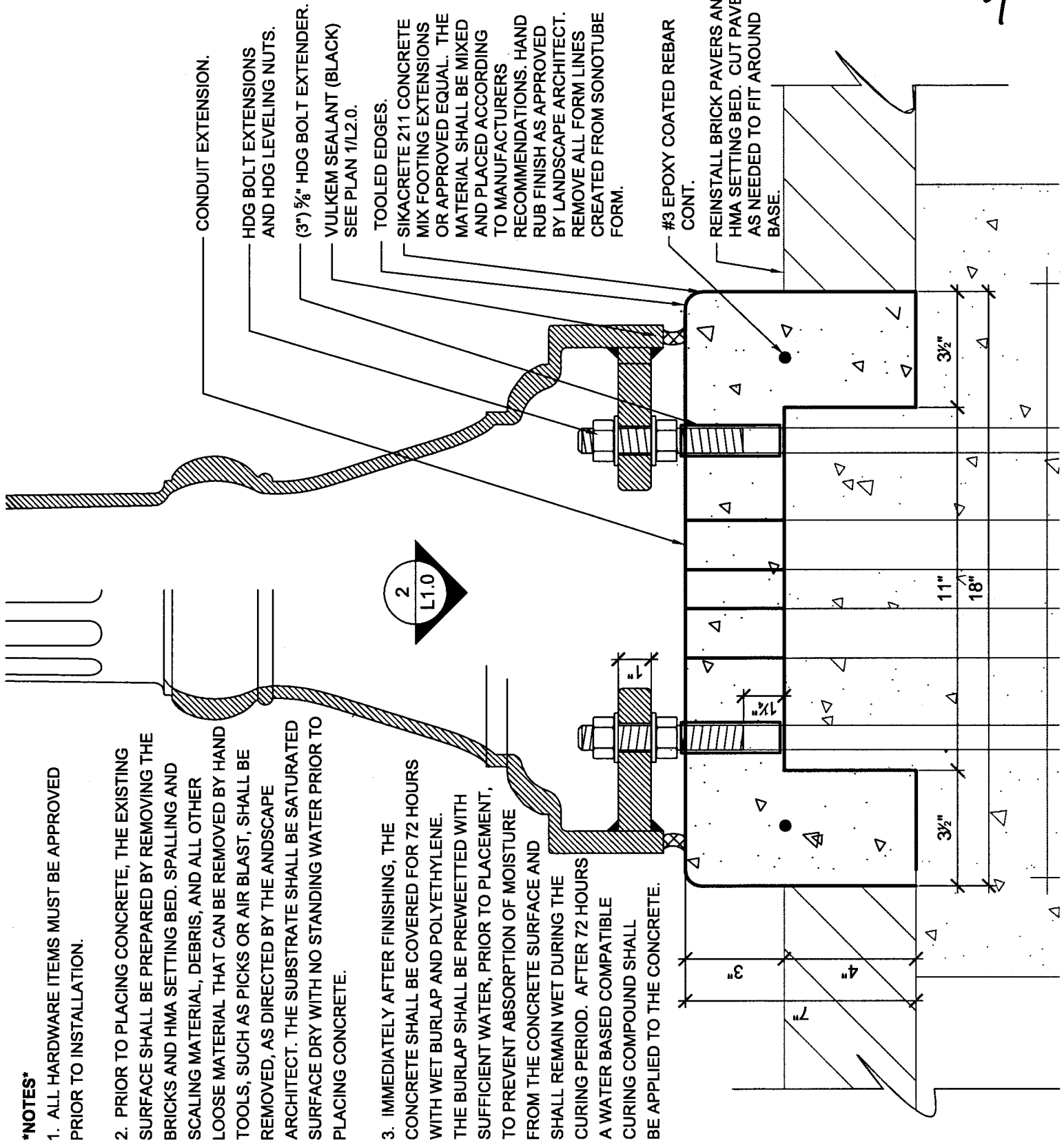
Distribution:  File  
 Contractor: Baker Electric, Inc.  
 Project Engineer: Gary Hlavka  
 Traffic Engineer: Jennifer Dakovich

Finance  
 Consultant: Brian Clark & Assoc.  
 Inspection: Marty McKinnie

ROLL CALL NO.      DATE

**\*NOTES\***

1. ALL HARDWARE ITEMS MUST BE APPROVED PRIOR TO INSTALLATION.
2. PRIOR TO PLACING CONCRETE, THE EXISTING SURFACE SHALL BE PREPARED BY REMOVING THE BRICKS AND HMA SETTING BED. SPALLING AND SCALING MATERIAL, DEBRIS, AND ALL OTHER LOOSE MATERIAL THAT CAN BE REMOVED BY HAND TOOLS, SUCH AS PICKS OR AIR BLAST, SHALL BE REMOVED, AS DIRECTED BY THE ANDSCAPE ARCHITECT. THE SUBSTRATE SHALL BE SATURATED SURFACE DRY WITH NO STANDING WATER PRIOR TO PLACING CONCRETE.
3. IMMEDIATELY AFTER FINISHING, THE CONCRETE SHALL BE COVERED FOR 72 HOURS WITH WET BURLAP AND POLYETHYLENE. THE BURLAP SHALL BE PREWETTED WITH SUFFICIENT WATER, PRIOR TO PLACEMENT, TO PREVENT ABSORPTION OF MOISTURE FROM THE CONCRETE SURFACE AND SHALL REMAIN WET DURING THE CURING PERIOD. AFTER 72 HOURS A WATER BASED COMPATIBLE CURING COMPOUND SHALL BE APPLIED TO THE CONCRETE.

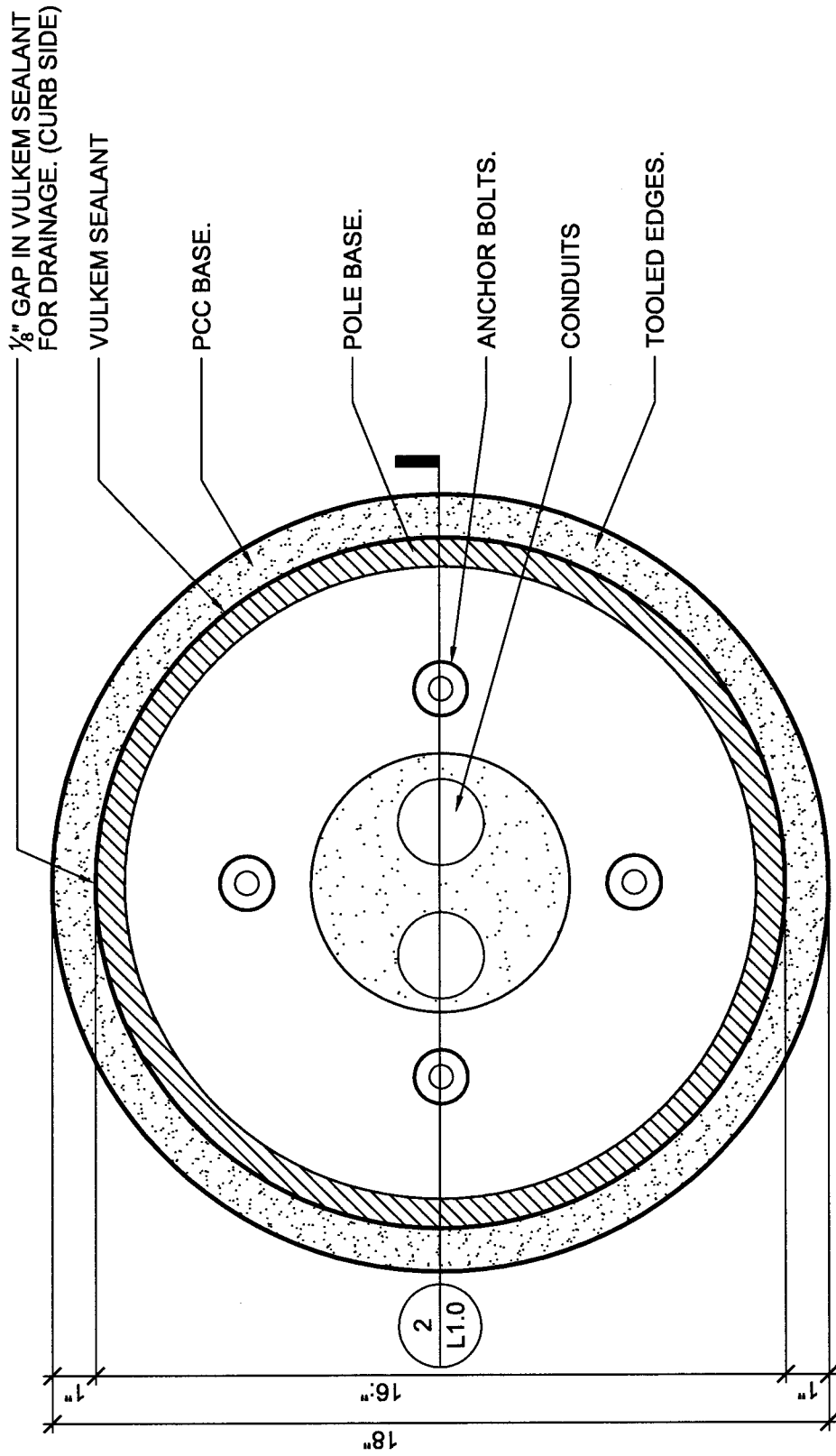



PROJECT NUMBER: 07052  
 DATE: 04-08-08  
 SCALE: NOT TO SCALE

**BRIAN CLARK + ASSOCIATES**  
 LANDSCAPE ARCHITECTURE | PLANNING | URBAN DESIGN  
 1300 WALNUT STREET, SUITE 200 + DES MOINES, IOWA 50309 TEL. (515) 288/4875 + FAX (515) 288/8399 + BCADESIGN.COM

**POLE MOUNT REVISION**  
 ATTACHMENT #1 TO CHANGE ORDER #2  
 CITY OF DES MOINES  
**COURT AVENUE STREETSCAPE REHABILITATION**  
 ACTIVITY I.D. 04-2007-013

PG 1  
 L1.0



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DATE: 04-08-08
SCALE: NOT TO SCALE
 <b>BRIAN CLARK + ASSOCIATES</b> LANDSCAPE ARCHITECTURE   PLANNING   URBAN DESIGN <small>1300 WALNUT STREET, SUITE 200 + DES MOINES, IOWA 50309 TEL. (515) 288/4875 + FAX (515) 288/8359 + GCADESIGN.COM</small>

<b>POLE MOUNT REVISION</b> <b>ATTACHMENT #1 TO CHANGE ORDER #2</b> CITY OF DES MOINES <b>COURT AVENUE STREETSCAPE</b> <b>REHABILITATION</b> ACTIVITY I.D. 04-2007-013
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