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ENGINEERING DEPARTMENT  
Civil/Traffic/Parking/Signal & Lighting/Sign & Pavement Marking/Urban Forestry Divisions  
Daniel J. Moeglin, P.E., City Engineer  
2436 -30th Street N.E. / Canton, Ohio 44705  
PH (330) 438-6903 / FAX (330) 489-3337

May 8, 2014

**ADDENDUM #1**

TO: PROSPECTIVE BIDDERS  
RE: GP 1103, Mahoning Rd. Corridor Project, PID 90361

Addendum #1 for bid opening originally scheduled for May 13, 2014.

**Bid Postponed**

The bid date for this project has been postponed to **May 15, 2014** at 2:00 PM.

**City Standard Drawing No. 43:** Tree grate detail modified. The new standard drawing (Revision 4/2014) replaces original drawing.

**City Standard Drawing No. 65:** Foundation detail has been modified. The new standard drawing (Revision 4/29/14) replaces original drawing.

**Clarification**

The City will allow pre-cast foundations for Item 625 – Light Pole Foundation, 30” x 72” Deep. The Contractor is responsible for constructability at each location.

Addendum No. 2 will be issued on Monday, May 12, 2014. Items addressed in the addendum will include, but are not limited to, updated summary sheets, Item 816 – Video Detection, and Item 611 storm sewer pipes.

Please sign this Addendum No. 1 at the bottom of this page as proof of receipt. Attach this addendum to the inside front cover of your submission. The Director reserves the right to accept or disqualify the bid if you do not include this addendum.

Respectfully,

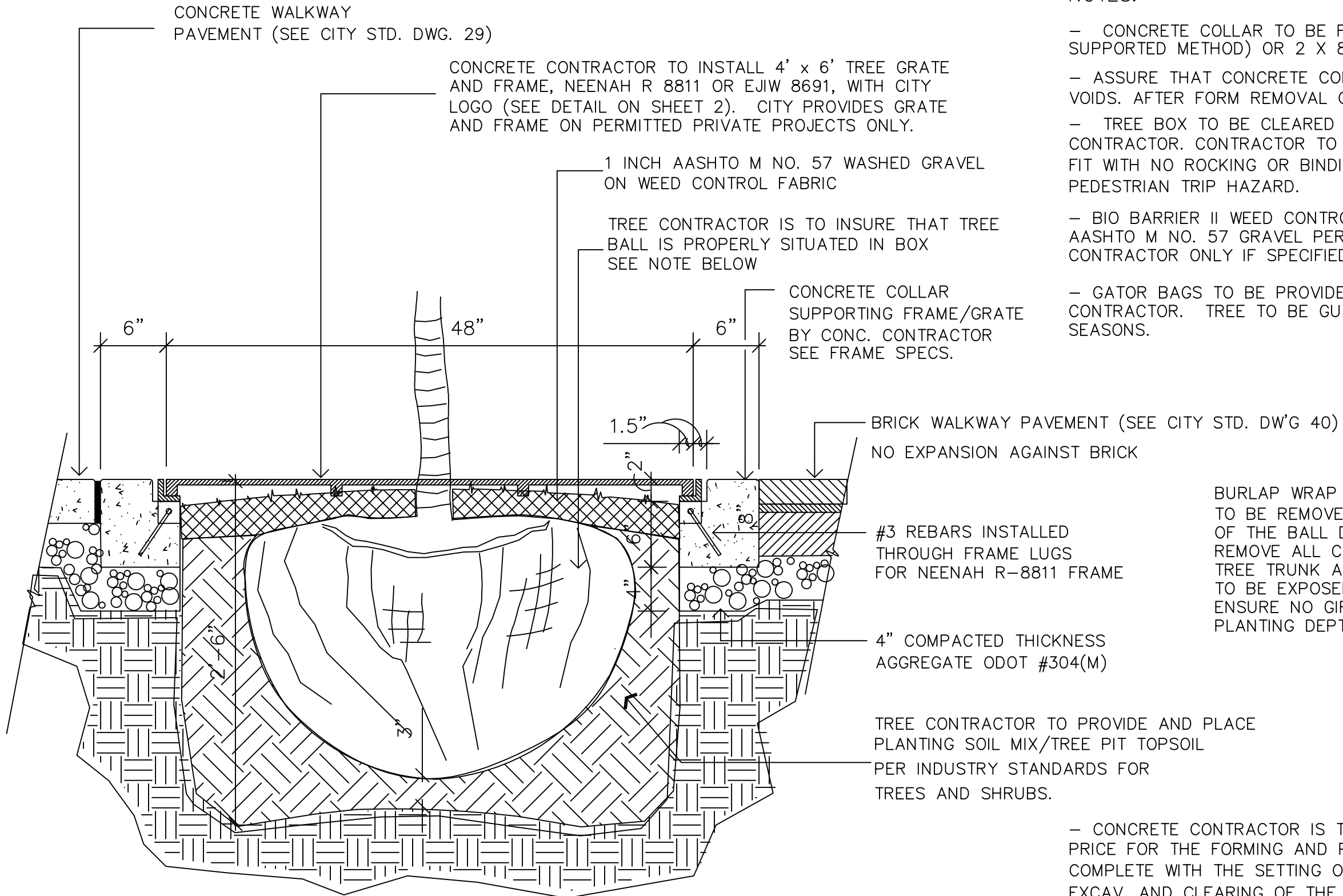
Nicholas J. Loukas  
Assistant City Engineer

\_\_\_\_\_  
BIDDERS AUTHORIZED SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
NAME / TITLE (Printed or Typed)





CONCRETE WALKWAY PAVEMENT (SEE CITY STD. DWG. 29)

CONCRETE CONTRACTOR TO INSTALL 4' x 6' TREE GRATE AND FRAME, NEENAH R 8811 OR EJIW 8691, WITH CITY LOGO (SEE DETAIL ON SHEET 2). CITY PROVIDES GRATE AND FRAME ON PERMITTED PRIVATE PROJECTS ONLY.

1 INCH AASHTO M NO. 57 WASHED GRAVEL ON WEED CONTROL FABRIC

TREE CONTRACTOR IS TO INSURE THAT TREE BALL IS PROPERLY SITUATED IN BOX SEE NOTE BELOW

CONCRETE COLLAR SUPPORTING FRAME/GRATE BY CONC. CONTRACTOR SEE FRAME SPECS.

BRICK WALKWAY PAVEMENT (SEE CITY STD. DW'G 40) NO EXPANSION AGAINST BRICK

#3 REBARS INSTALLED THROUGH FRAME LUGS FOR NEENAH R-8811 FRAME

4" COMPACTED THICKNESS AGGREGATE ODOT #304(M)

TREE CONTRACTOR TO PROVIDE AND PLACE PLANTING SOIL MIX/TREE PIT TOPSOIL PER INDUSTRY STANDARDS FOR TREES AND SHRUBS.

NOTES:

- CONCRETE COLLAR TO BE FORMED USING 2 X 6 (FRAME SUPPORTED METHOD) OR 2 X 8 (INSIDE FORM METHOD)
  - ASSURE THAT CONCRETE COMPLETELY FILLS FORMS W/ NO VOIDS. AFTER FORM REMOVAL GROUT ALL HONEYCOMB VOIDS.
  - TREE BOX TO BE CLEARED TO LIMIT SHOWN BY CONCRETE CONTRACTOR. CONTRACTOR TO SET GRATE AND INSURE PROPER FIT WITH NO ROCKING OR BINDING. COVER OPENING TO PREVENT PEDESTRIAN TRIP HAZARD.
  - BIO BARRIER II WEED CONTROL IS TO BE PLACED UNDER AASHTO M NO. 57 GRAVEL PER MFR. SPECS. BY TREE CONTRACTOR ONLY IF SPECIFIED IN BID TAB OR RFP.
  - GATOR BAGS TO BE PROVIDED AND FILLED BY TREE CONTRACTOR. TREE TO BE GUARANTEED FOR TWO GROWING SEASONS.
- BURLAP WRAP AND WIRE RETAINER IS TO BE REMOVED TO A MIN. DEPTH OF 1/2 OF THE BALL DEPTH. REMOVE FROM BOX. REMOVE ALL CORDING FROM AROUND TREE TRUNK AND BALL. ROOT FLARE IS TO BE EXPOSED FOR INSPECTION TO ENSURE NO GIRDLING AND PROPER PLANTING DEPTH.
- CONCRETE CONTRACTOR IS TO PROVIDE A UNIT LUMP SUM PRICE FOR THE FORMING AND PLACING OF THE CONCRETE COLLAR COMPLETE WITH THE SETTING OF THE FRAME AND GRATE AND EXCAV. AND CLEARING OF THE TREE PIT.
  - TREE CONTRACTOR TO PROVIDE AND PLANT TREES INCLUDING ALL MATERIALS SPECIFIED IN PROPOSAL.

304 (M) - NO FOUNDRY SAND, ACBFS, GS OR OTHER SLAG PERMITTED

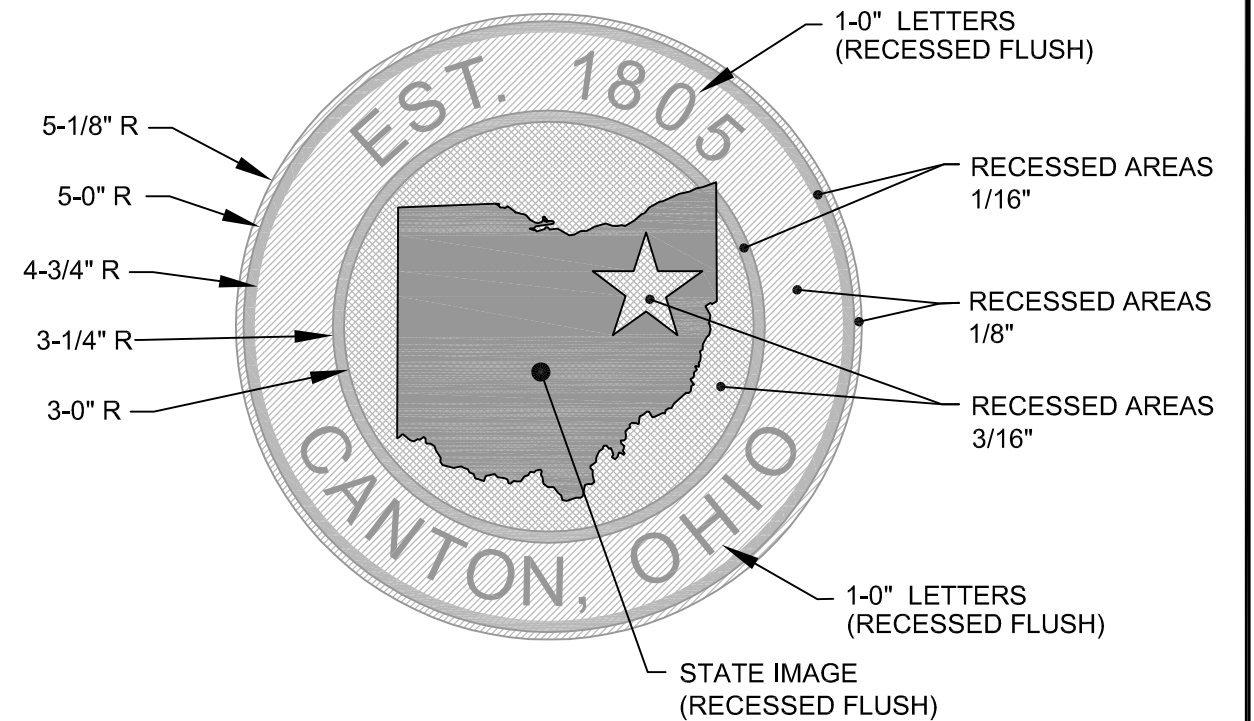
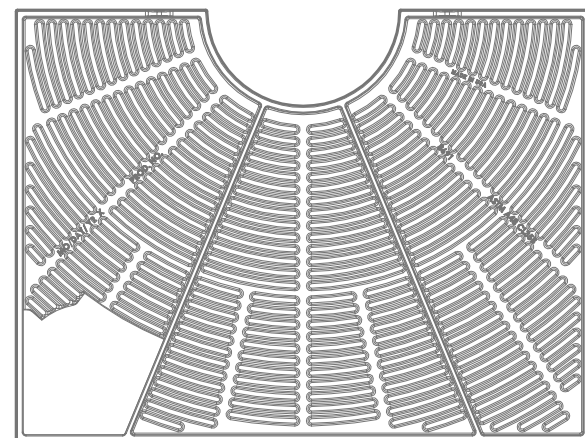
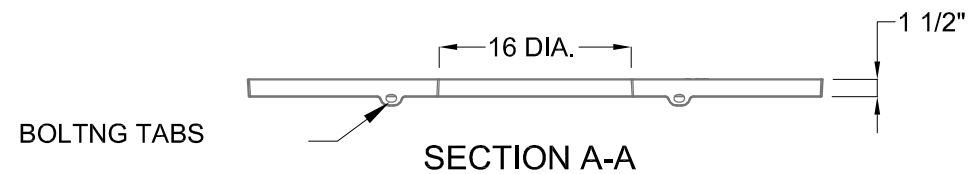
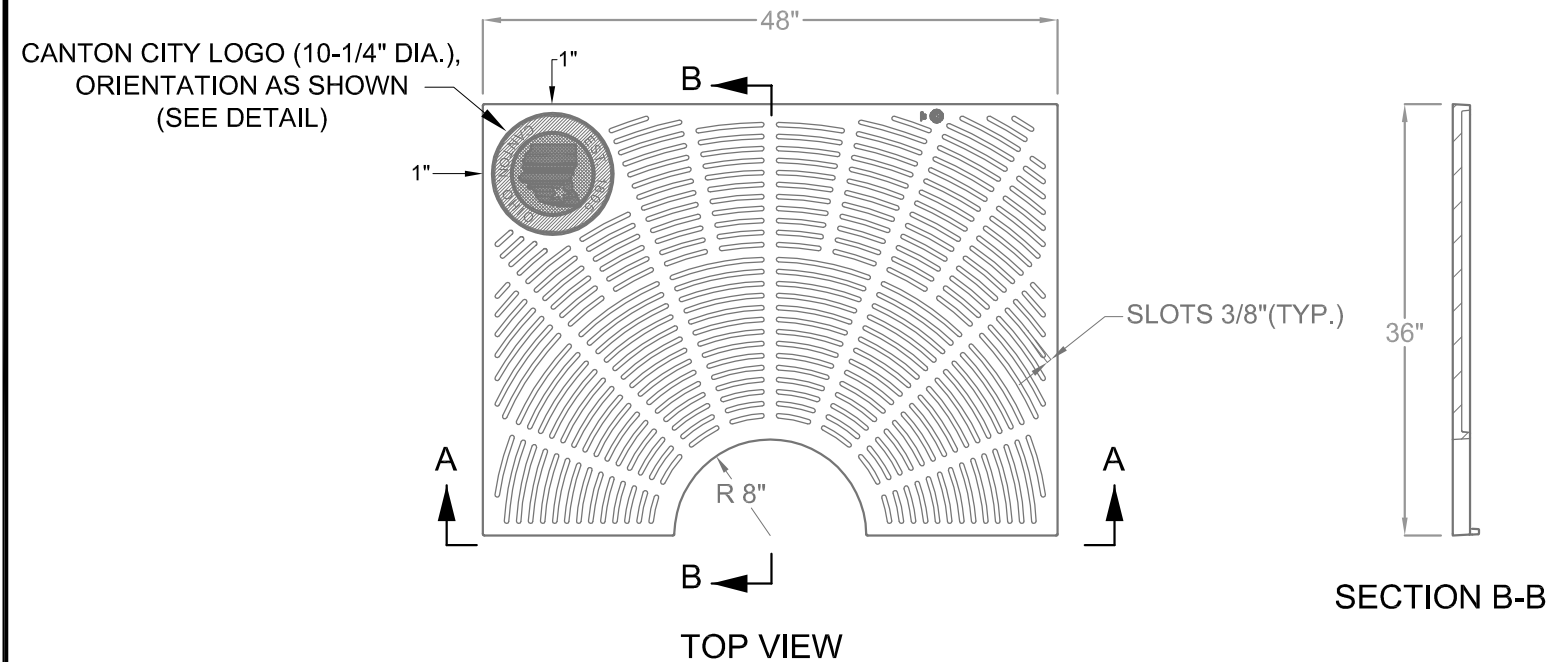


OFFICE OF THE CITY ENGINEER  
**CANTON, OHIO**  
 DANIEL J. MOEGLIN, P.E., CITY ENGINEER  
 2436 30th St. NE 44705 330-489-3381 www.cantonohio.gov/engineering

APPROVED DATE: FEB. 2012  
 APPROVED BY: JTD  
 DRAWING FILE NAME:  
 ce\_40-47\_STREETSCAPE.dwg

REVISIONS		
DESCRIPTION	DATE	BY
REVISED TREE GRATE, ADD CITY LOGO	APRIL 2014	RMB

**STANDARD DRAWING NO. 43**  
**TREE FRAME & GRATE**  
 CONSTRUCTION DETAILS



**NOTES:**

1. TREE GRATES TO BE CAST OF GRAY IRON IN COMPLIANCE WITH ASTM SPEC. ASTM A-48 CLASS 35. CASTINGS SHALL BE OF THE HEAVY DUTY RATING. GRATES MUST INCLUDE CANTON CITY LOGO AS SHOWN.
2. FRAMES FOR TREE GRATES TO BE MANUFACTURED OF STEEL DESIGNED FOR HEAVY LOADS. ENTIRE FRAMES MUST BE COATED WITH ONE COAT OF BLACK PAINT SUITABLE FOR FABRICATED STEEL.
3. APPROVED TREE GRATE AND FRAME PRODUCTS:
  - EAST JORDAN 8691
  - NEENAH R 8811
  - OR APPROVED EQUAL.
4. CONTACT CITY ENGINEER FOR CAD DRAWING OF CITY LOGO.



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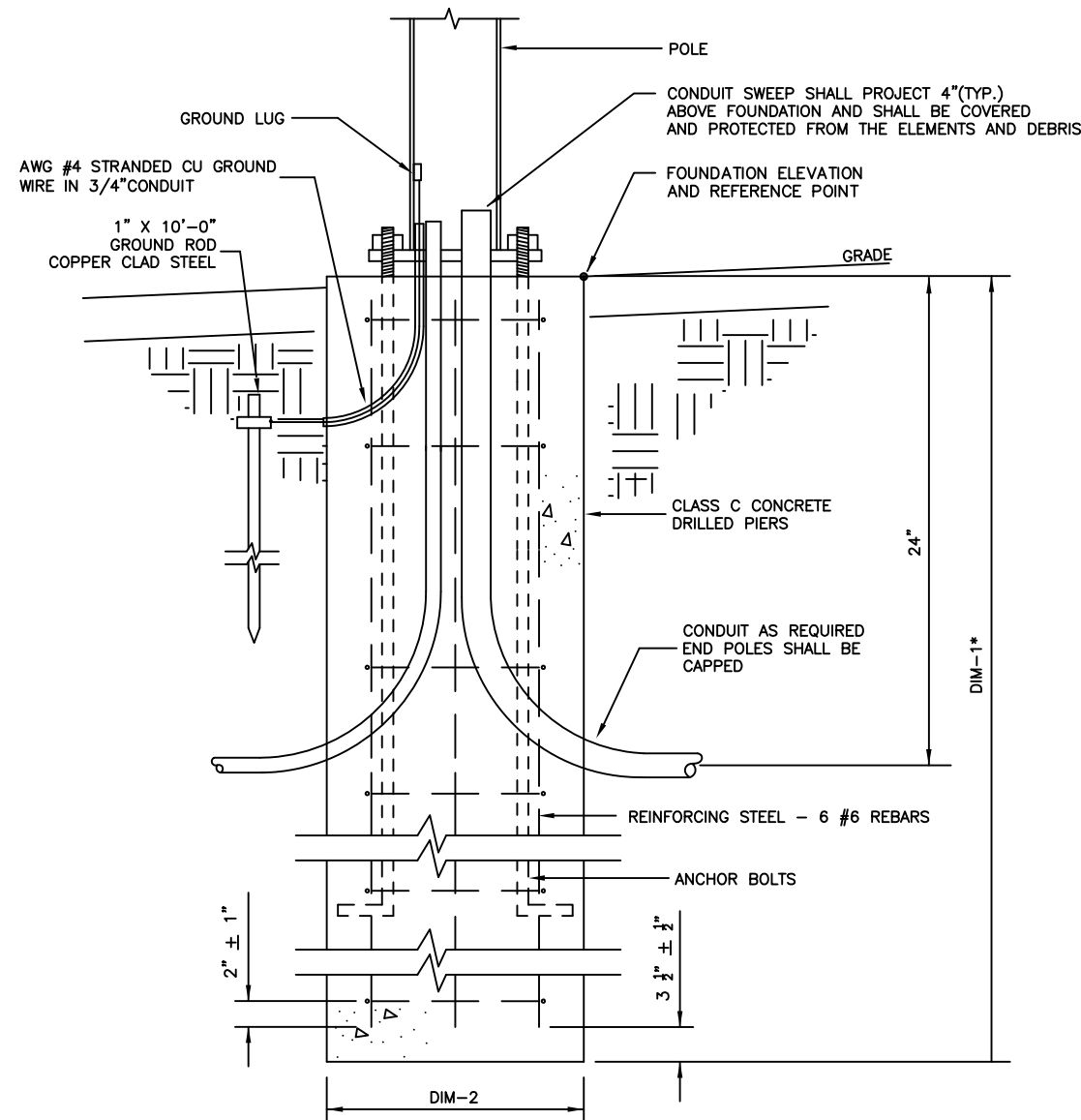
**REVISIONS**

DESCRIPTION	DATE	BY
REVISED TREE GRATE, ADD CITY LOGO	APRIL 2014	RMB

**STANDARD DRAWING NO. 43**

**TREE FRAME & GRATE**  
CONSTRUCTION DETAILS

SHEET 2 OF 2



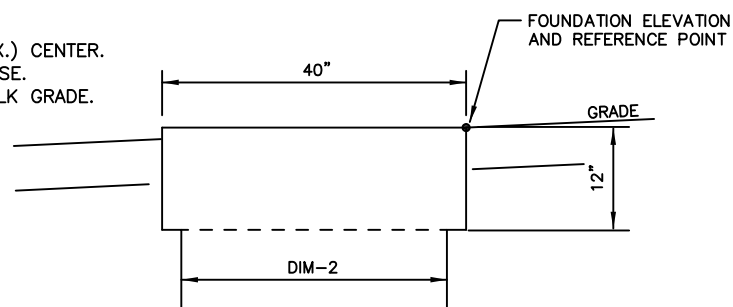
**NOSTALGIC FOUNDATION DETAIL**  
NO SCALE

**NOTES:**

1. ALL FOUNDATIONS SHALL BE DRILLED PIERS TO AVOID DISTURBING SURROUNDING SOIL. A TEMPORARY STEEL CASING MAY BE REQUIRED. IF UTILITIES OR ANOTHER CONFLICT IS IN CLOSE PROXIMITY TO THE FOUNDATION, THEN THOSE FOUNDATIONS MAY HAVE TO BE EXCAVATED BY HAND.
2. ANCHOR BOLT PATTERN SHALL BE PROVIDED BY POLE MANUFACTURER (U.M.C.).
3. REINFORCING STEEL SHALL BE ASSEMBLED IN CAGES USING #4 TIES AT 24" (MAX.) CENTER.
4. FOUNDATION TOP SHALL BE ROUND AND LEVEL TO ACCOMMODATE DECORATIVE BASE.
5. TOP OF FOUNDATION SHALL BE AT LEAST 1" ABOVE PROJECTED FINISHED SIDEWALK GRADE.

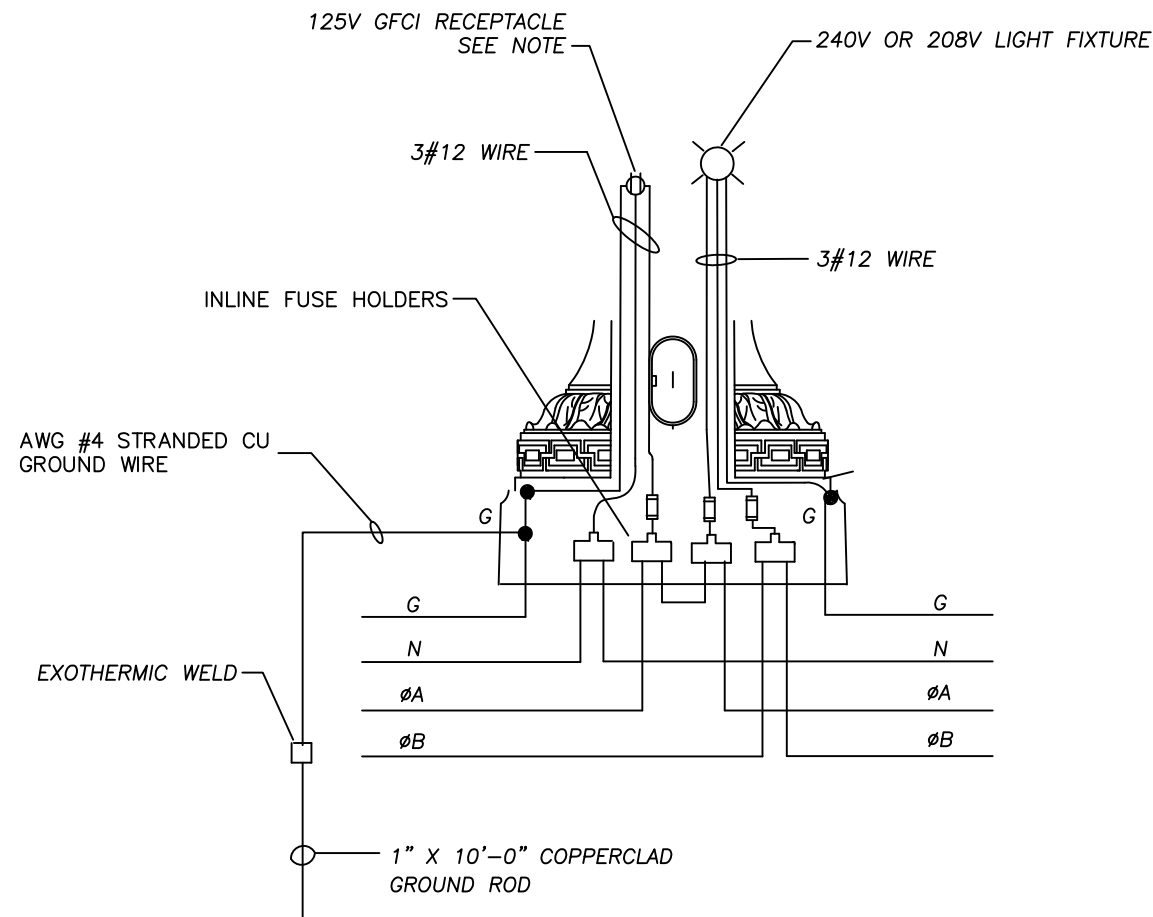
FOUNDATION	DIM-1*	DIM-2
SIGNAL (16" BOLT CIRCLE)	9'-0"	36"
SIGNAL (>16" BOLT CIRCLE)	11'-0"	36"
LUMINARIES	6'-0"	30"
PEDESTRIAN	4'-0"	24"

\* MINIMUM DEPTH MAY VARY BASED ON SOIL CONDITION.



**FOUNDATION CAP DETAIL**

CAP FOR SIGNAL POLE WITH >16" BOLT CIRCLE. CAP IS NECESSARY TO ACCOMMODATE DECORATIVE BASE.



**POLE WIRING DIAGRAM**  
NO SCALE

**NOTE:**

1. THE COST FOR WIRING TO ALL NOSTALGIA LUMINARIES AND RECEPTACLES SHALL BE INCIDENTAL TO THE NOSTALGIA BID ITEMS. ALL WIRING IN POLES AND CONDUITS TO LIGHTS AND RECEPTACLES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. ALL WIRING INTO EACH NOSTALGIA POLE BASE SHALL BE NO. 6 AWG WIRE AND CONNECTED TO IN-LINE FUSE HOLDERS. THE COST FOR THIS WIRE SHALL BE INCIDENTAL TO THE NOSTALGIA BID ITEMS.
3. IN-LINE FUSE HOLDERS SHALL BE BUSSMAN (HEB-AW-RYC). INSTALL FUSES IN PHASE LINES AND SOLID LINK IN NEUTRAL (HET-AW-RYC) FOR GROUND USE SPLIT BOLT CONNECTOR. COPPER GROUND CABLE SHALL BE EXOTHERMICALLY WELDED TO THE GROUND ROD. RUN CABLE FREE END THROUGH 3/4" EMT AND CONNECTED AS SHOWN IN THE POLE WIRING DIAGRAM. THE COST FOR THE IN-LINE FUSE HOLDERS AND ALL RELATED ITEMS SHALL BE INCIDENTAL TO THE NOSTALGIA BID ITEMS.
4. THE POLE RECEPTACLE SHALL BE ALTERNATELY WIRED TO PHASE A AND PHASE B AS SHOWN IN THE POLE WIRING DIAGRAM.
5. FOR LIGHTS, USE 5 AMP FUSES. FOR RECEPTACLES, USE 10 AMP FUSES. AMP RATINGS SHALL BE BASED UPON 75 DEGREE C RATINGS.
6. UNLESS OTHERWISE NOTED IN THESE PLANS, ALL WIRING SHALL BE MINIMUM NO. 12 AWG, COPPER, 600 VOLT RATED WITH THE EXCEPTION OF NO. 14 AWG, COPPER SHALL BE PERMISSIBLE FOR CONTROL CIRCUITRY. THE FOLLOWING SHALL APPLY TO ALL WIRING:
  - A. ALL WIRING SHALL BE STRANDED "XHHN/XHWN".
  - B. UNDERGROUND BRANCH CIRCUIT WIRING SHALL BE "XHHW".
7. CONDUCTORS SHALL BE PULLED FROM LIGHT POLE TO LIGHT POLE AND FROM LIGHTING CONTROL PANEL TO LIGHT POLE WITHOUT SPLICES.



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APPROVED DATE: MARCH 2014

APPROVED BY: EEM

DRAWING FILE NAME:  
ce\_61-65\_LIGHTPOLES.dwg

**REVISIONS**

DESCRIPTION	DATE	BY
MODIFIED DIMS AND OTHER CHANGES	4/29/14	NJL

**STANDARD DRAWING NO. 65**

**NOSTALGIC POLE FOUNDATION & WIRING DIAGRAM**

SHEET 1 OF 1