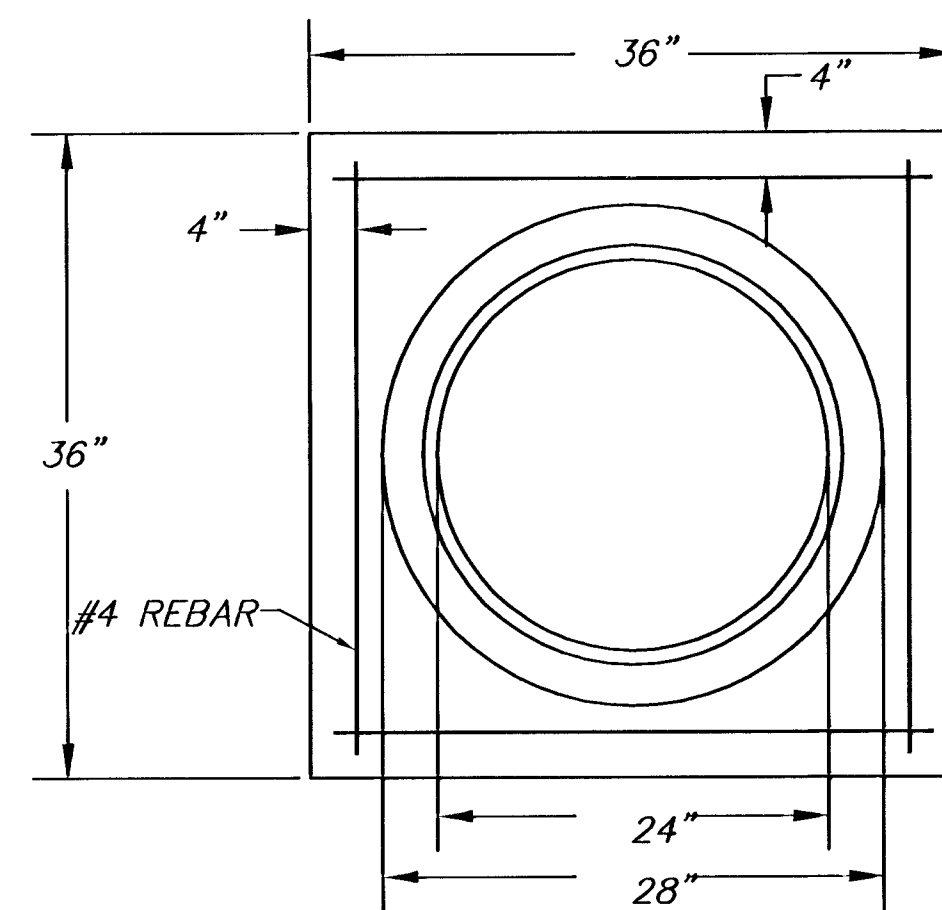
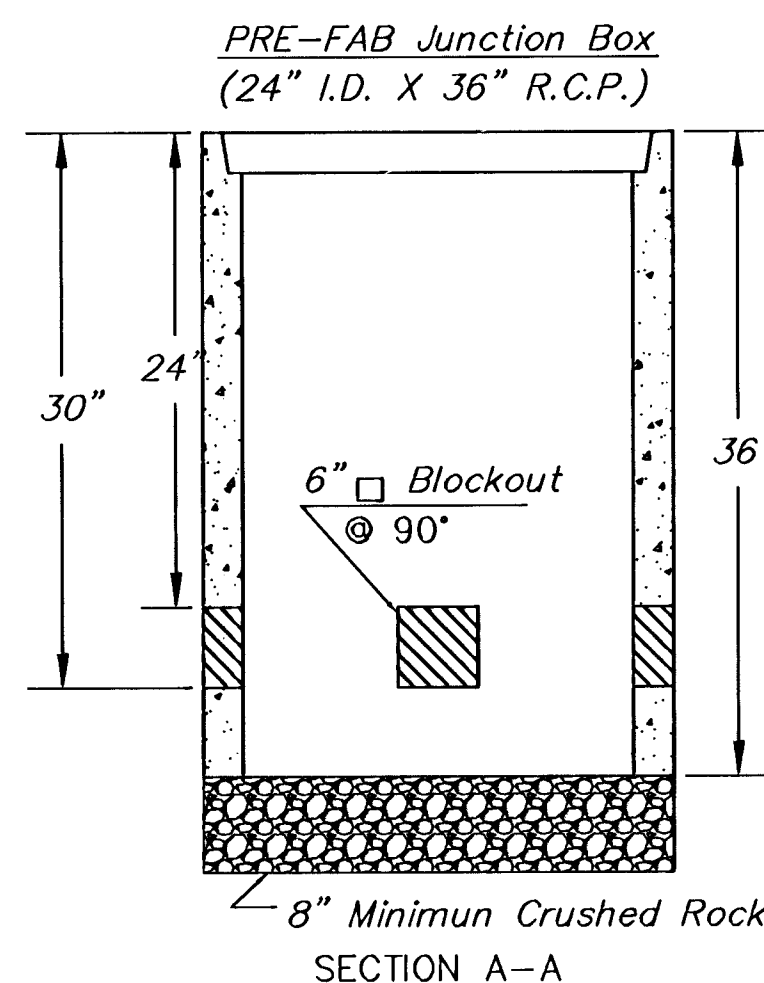
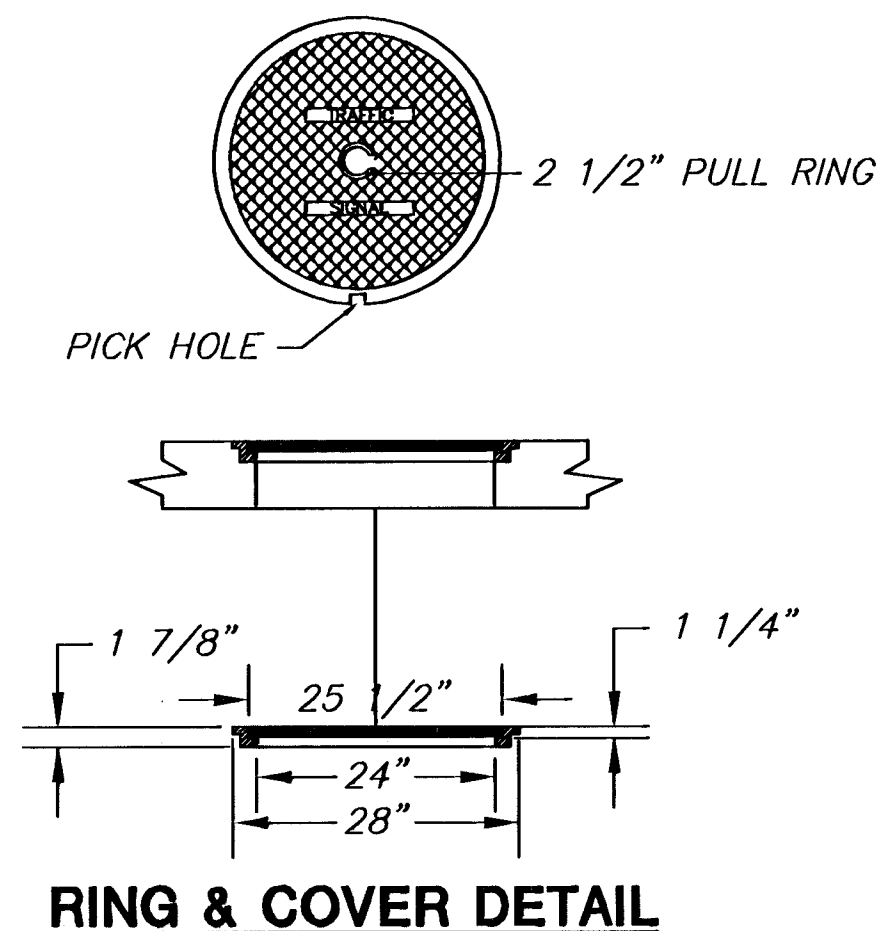




JUNCTION BOX CAP

36" x 36" x 6" TOP OF CAP TO BE FLUSH WITH GROUND LEVEL.



RING & COVER DETAIL

NOTES:

SERVICE & JUNCTION BOX:

1. CONDUIT CONNECTION TO BE FLUSH TO WITHIN 125 mm OF INSIDE FACE OF SIDE WALL, CONDUIT TO DRAIN INTO SERVICE BOX.
2. CONDUIT CONNECTIONS TO SERVICE BOX SHALL BE TERMINATED WITH PLASTIC CABLE BUSHING.
3. CONDUIT SHALL BE SEALED WITH APPROVED SEALER AT INSIDE WALL FACE.
4. ALL SERVICE & JUNCTION BOXES TO HAVE 200 mm OF CRUSHED ROCK.

TRENCHING:

1. DEPTH TO BE 30" MINIMUM WITH ROCK & STUBBLE FREE BACKFILL TO SERVE AS BEDDING MATERIAL. MAINTAIN MINIMUM CONDUIT DEPTH IN TRENCH.

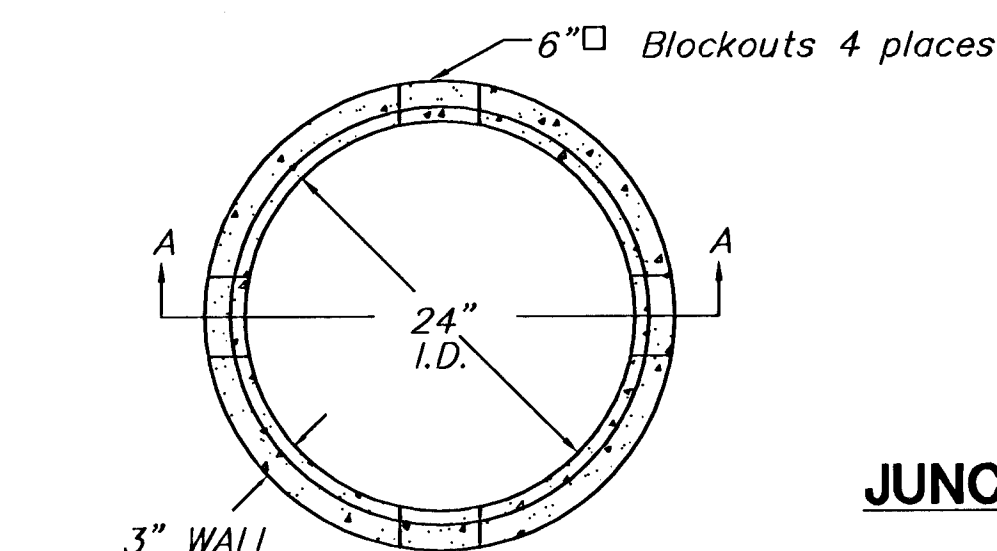
2. BACKFILL TO BE COMPACTED IN 6" LOOSE LIFTS BY HAND OR MECHANICAL TAMPING TO A 95% STANDARD DENSITY.

CONDUIT:

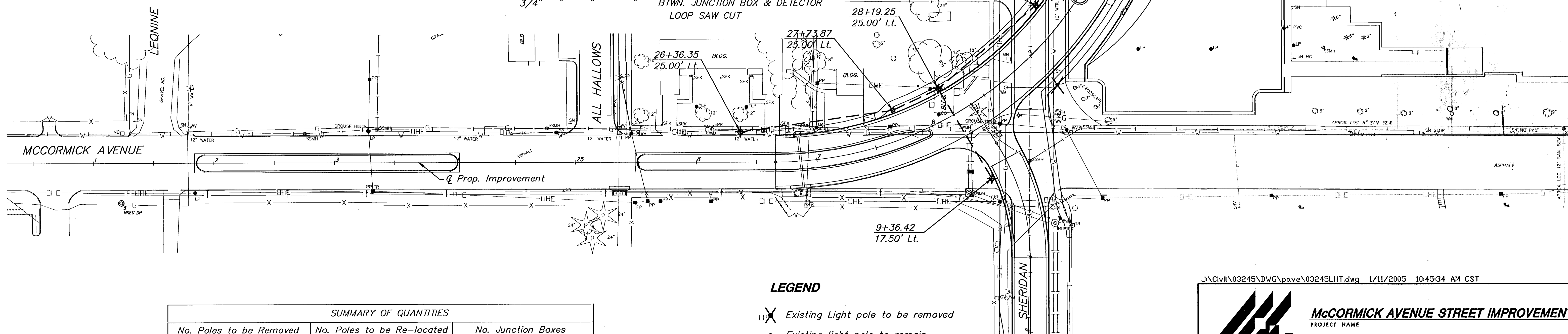
1. SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
2. 3" RIGID STEEL CONDUIT BTWN. SERVICE BOXES.
1 1/4" BTWN. SERVICE & JUNCTION BOXES.
3/4" BTWN. JUNCTION BOXES.
3/4" BTWN. JUNCTION BOX & DETECTOR LOOP SAW CUT

NOTE: CONTRACTOR TO VERIFY LOCATION AND NUMBER OF LIGHT POLES TO BE INSTALLED PRIOR TO CONSTRUCTION.

SCALE: 1"=40'



JUNCTION BOX DETAILS



LEGEND

- ✕ Existing Light pole to be removed
- Existing light pole to remain
- ⊠ Relocated light pole
- Junction Box
- 480V, 1-PHASE, 2-#6, #6 GND, 1-1/4" PVC CONDUIT (TYPICAL)

SUMMARY OF QUANTITIES		
No. Poles to be Removed	No. Poles to be Re-located	No. Junction Boxes
18	18	8

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McCORMICK AVENUE STREET IMPROVEMENTS
PROJECT NAME

STREET LIGHTING PLAN
SHEET TITLE

JRA DESIGN BY:	DPG DRAWN BY:	JRA CHECKED BY:
AUGUST 2005 DATE	03245 JOB NO.	65 / 111 SHEET/OF