

CONSULTANTS:

CIVIL ENGINEER:
McCLELLAND CONSULTING
ENGINEERS INC.

LANDSCAPE ARCHITECT:
LARSON BURNS AND SMITH, INC.

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH. ELEC., PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

GLOBAL VILLAGE CONSULTANT:
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY ROWLAND
CURZON PORTER ARCHITECTS

GENERAL CONTRACTOR:
CDI CONTRACTORS, INC.

NOTES:

ISSUE DATE:
17 SEPTEMBER 2007

REVISIONS:

#	DATE	DESCRIPTION

**MURPHY KELLER
EDUCATION CENTER**

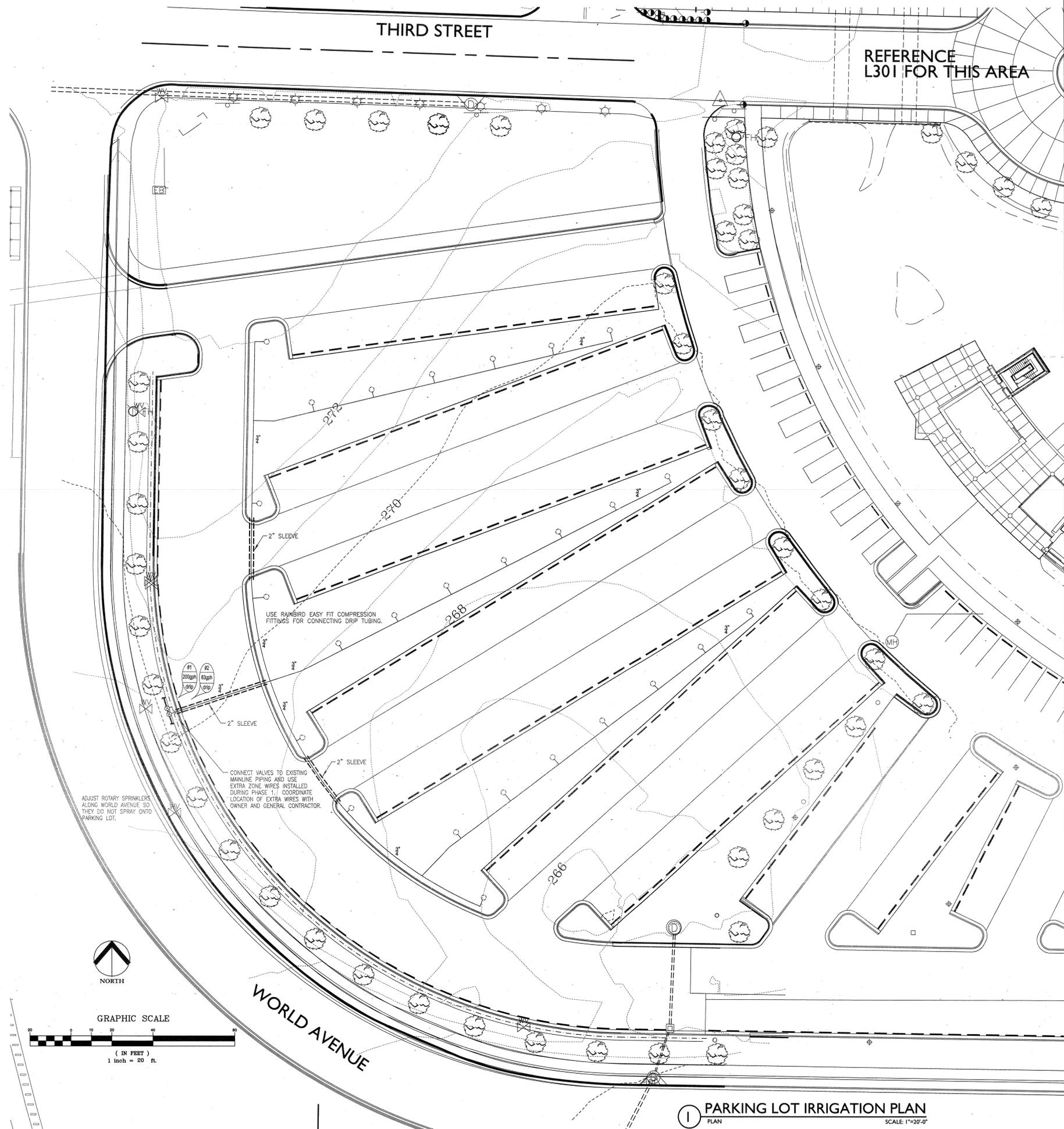
**HEIFER
INTERNATIONAL
CENTER**

LITTLE ROCK, ARKANSAS

PSRCP JOB NUMBER:
431E

CONTENTS:
**PARKING LOT
IRRIGATION PLAN**

SHEET NUMBER:
L300



IRRIGATION LEGEND

- ⊗ RAINBIRD XCZ-10000M 1" DRIP ZONE VALVE ASSY.
- SCH40 PVC MAINLINE PIPING
- CLASS 200 PVC LATERAL PIPING
- - - POLYETHYLENE DRIP TUBING (RAINBIRD LD-06-18)
- - - SLEEVING (2" - 4" = SCH40 PVC)

GENERAL NOTES

1. IRRIGATION CONTRACTOR SHALL INSTALL ALL EQUIPMENT AS PER MANUFACTURER'S CURRENT SPECIFICATIONS AND RECOMMENDATIONS.
2. COORDINATE EXACT LOCATION OF POINT-OF-CONNECTION WITH THE ARCHITECT AND GENERAL CONTRACTOR.
3. COORDINATE EXACT LOCATION OF EXTRA VALVE WIRES INSTALLED DURING PHASE 1 WITH THE OWNER AND GENERAL CONTRACTOR.
4. WHEN TRENCHING UNDER THE DRIPLINE OF EXISTING TREES EXTREME CARE MUST BE GIVEN TO AVOID ROOT DAMAGE. IF AT ALL POSSIBLE AVOID TRENCHING INSIDE THE DRIPLINE BY GOING AROUND THE TREE RATHER THAN UNDER IT. IF TRENCHING MUST OCCUR UNDER THE DRIPLINE, USE EITHER TUNNELING OR HAND-DIGGING METHODS RATHER THAN A MECHANICAL TRENCHER. MINIMIZE THE IMPACT OF ROOT SEVERING BY AVOIDING CONSTRUCTION DURING HOT, DRY WEATHER, KEEPING TREES WELL WATERED BEFORE AND AFTER DIGGING AND COVERING ROOTS WITH SOIL OR MULCH AS SOON AS POSSIBLE.
5. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES CAUSED TO ALL UTILITIES (BOTH OVERHEAD AND BELOW GROUND) DURING THE IRRIGATION INSTALLATION. IRRIGATION CONTRACTOR SHALL SEEK THE ASSISTANCE OF LOCAL UTILITIES AND THE OWNER IN THE LOCATION OF THE UTILITIES PRIOR TO PERFORMING TRENCHING OPERATIONS IN THE WORK AREA.
6. THE IRRIGATION DESIGN IS DIAGRAMMATIC. THE INTENT OF THE DRAWINGS IS TO SHOW THE GENERAL LAYOUT AND LOGIC OF THE SYSTEM. SCALED MEASUREMENTS MAY NOT BE ACCURATE. ACTUAL LOCATIONS AND QUANTITIES OF PIPE AND FITTINGS MAY VARY DUE TO FIELD ADJUSTMENTS FOR EXISTING CONDITIONS AND OTHER OBSTRUCTIONS TO PROVIDE THE PROPER AND INTENDED COVERAGE.
7. ALL MAINLINE SHALL BE SCH40 PVC. ALL LATERAL PIPING SHALL BE CLASS 200 PVC PIPING. ALL PVC FITTINGS SHALL BE PVC TYPE 1 AND MUST BE OF DOMESTIC MANUFACTURE. PVC SOLVENT CEMENT AND PRIMER SHALL BE AS RECOMMENDED / APPROVED BY THE MANUFACTURER OF THE PIPE.

SLEEVING NOTES

1. ALL SLEEVING SHALL BE PROVIDED BY THE GENERAL CONTRACTOR.
2. ALL SLEEVING PROVIDED FOR THE IRRIGATION SYSTEM TO BE SIZED AS NOTED ON THE PLAN.
3. ALL SLEEVING TO BE BURIED A MIN. OF 18" AND A MAX. OF 24" BELOW THE FINISHED GRADE. ENDS OF SLEEVES SHALL EXTEND 12" PAST THE EDGES OF ALL PAVING AND CURBS AND BE CLEARLY MARKED FOR FUTURE USE BY THE SPRINKLER SYSTEM CONTRACTOR.

ADJUST ROTARY SPRINKLERS ALONG WORLD AVENUE SO THEY DO NOT SPRAY ONTO PARKING LOT.

CONNECT VALVES TO EXISTING MAINLINE PIPING AND USE EXTRA ZONE WIRES INSTALLED DURING PHASE 1. COORDINATE LOCATION OF EXTRA WIRES WITH OWNER AND GENERAL CONTRACTOR.

