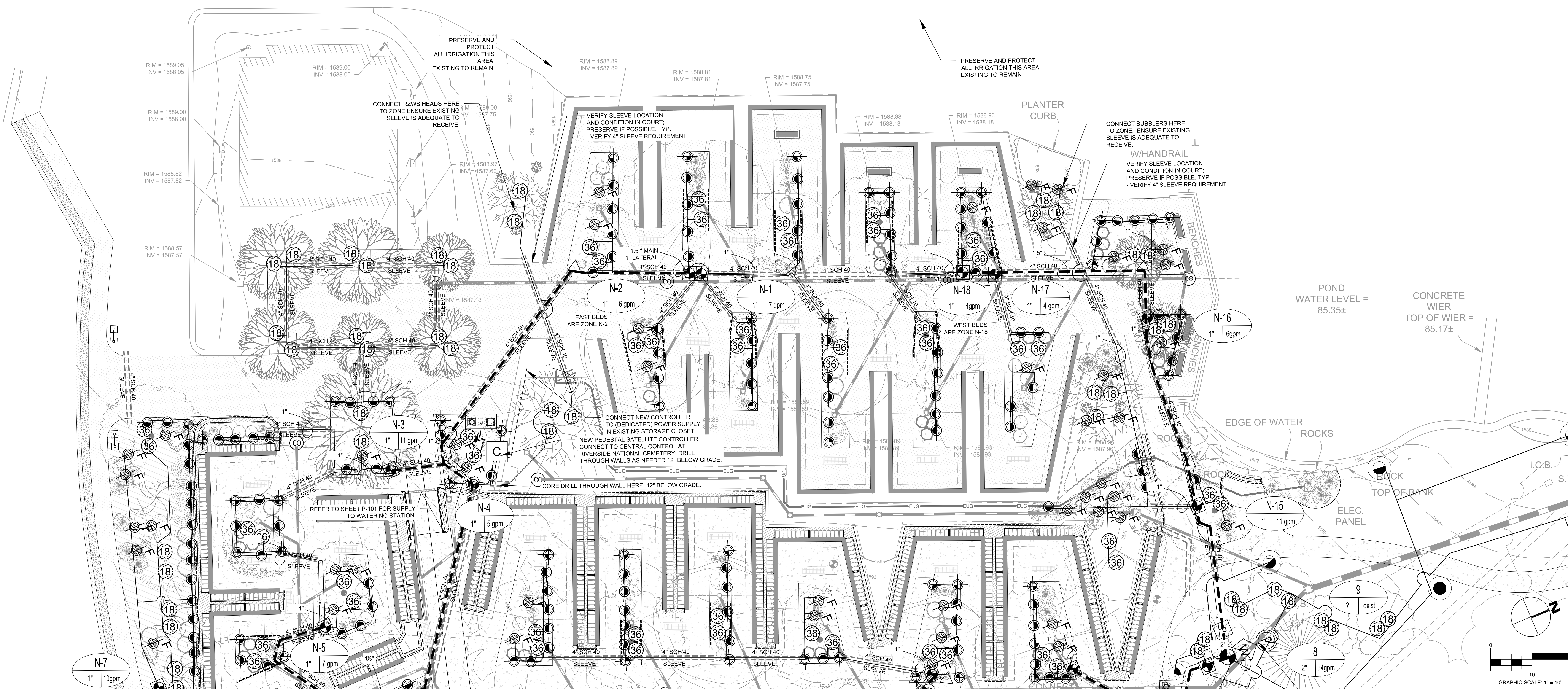


IRRIGATION NOTES:

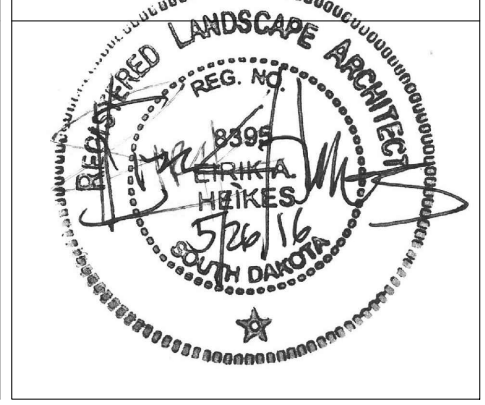
- ALL IRRIGATION HEADS TO BE INSTALLED 6" AWAY FROM BUILDING WALLS.
- CONTRACTOR TO VERIFY EXISTING CONDITIONS. ALL EXISTING UTILITIES ARE TO BE LOCATED BEFORE ANY TRENCHING OF ANY KIND BEGINS.
- PROTECT ALL EXISTING IMPROVEMENTS TO REMAIN AND REPAIR BACK TO ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE IF DAMAGE OCCURS RESULTANT FROM CONTRACTOR'S OPERATIONS OR NEGLIGENCE.
- RE-GRADE AND SOD ALL EXISTING LAWN AREAS DISTURBED BY CONTRACTOR'S OPERATIONS AS PER SPECIFICATIONS. A DISTURBED AREA SHALL BE WHERE CONSTRUCTION ACTIVITIES INCLUDING TRENCHING, DEMOLITION, EARTHWORK, MATERIAL STORAGE, STAGING, PARKING OR ANY OTHER FORM OF EXCAVATION, COMPACTION OR TRAFFIC RESULTS IN THE REMOVAL OR DISPLACEMENT OF EXISTING GROUND COVER OR GRADE. COORDINATE WITH GENERAL CONTRACTOR.
- COORDINATE WORK ON THIS SHEET WITH ALL OTHER TRADES.
- SYSTEM DESIGN IS BASED UPON AVAILABILITY OF 80 MIN. PSI AT THE POINT OF CONNECTION, 55 PSI AT ROTORS AND 40 PSI AT MP ROTATOR. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES. ZONES SHALL NOT EXCEED 80 GPM. COORDINATE WATER BUDGET/ ZONING WITH CENTRAL CONTROL SYSTEM.
- INSTALL IRRIGATION SYSTEM AS DETAILED AND PER SPECIFICATIONS.
- IRRIGATION PIPING LAYOUT IS SCHEMATIC. ACTUAL LOCATION OF PIPING AND OTHER COMPONENTS MAY VARY DUE TO EXISTING SITE CONDITIONS.
- COORDINATE HEAD LOCATIONS WITH EXISTING PLANTS TO ENSURE PROPER COVERAGE.
- INSTALL AN AIR RELIEF VALVE AT THE PIPE HIGH POINT AND AS SHOWN.
- INSTALL CONTROL WIRES FROM ELECTRIC VALVES TO CONTROLLER. (PROVIDE 2 SPARE CONTROL WIRES & 1 SPARE COMMON WIRE TO LAST VALVE AT EAST & WEST ENDS OF SITE.) SPARE WIRES TO FILL IRRIGATION CONTROLLER. ALL WIRING CONNECTIONS TO BE DBY COMPLIANT.
- SLEEVES SHALL BE (2) SIZES LARGER THAN PIPE OR COMBINATION OF PIPES THEREIN ENCLOSED, WITH MINIMUM SIZE TO BE 4" SUPPLY (1) EXTRA SLEEVE WITH EACH MAIN LINE SLEEVE FOR CONTROL WIRES. BORE UNDER EXISTING PAVING WHERE REQUIRED. BORE SEPARATELY FOR CONTROL WIRES.
- PROVIDE TEMPORARY WATERING AS REQUIRED. COORDINATE PROTECTION OF EXISTING TREES AND PLANTS DURING CONSTRUCTION ACTIVITIES.
- CONTRACTOR TO ADJUST IRRIGATION HEADS TO PROVIDE COMPLETE COVERAGE AND TO MINIMIZE OVER SPRAY ONTO BUILDINGS.
- SEE DETAIL SHEETS LI501 AND LI502 FOR INSTALLATION OF IRRIGATION COMPONENTS.
- CONTRACTOR TO PROVIDE POWER TO ALL IRRIGATION CONTROLLERS (IF APPLICABLE).
- CONTRACTOR TO SUBMIT IRRIGATION AS-BUILT DRAWINGS FOR REVIEW BY THE LANDSCAPE ARCHITECT.
- ALL CONNECTIONS TO EXISTING MAINLINE TO BE INSPECTED BY WESTERN MUNICIPAL WATER DISTRICT.

three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot
 one sixteenth inch = one foot



CONSULTANTS:

ARCHITECT/ENGINEERS:



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Drawing Title
IRRIGATION PLAN: EXISTING COLUMBARIUM A RENOVATION

Project Title
Expand Columbarium A

Project Number
 901CM3040

NCA DESIGN AND CONSTRUCTION SERVICE

Approved: Project Director

Location
 Riverside National Cemetery,
 22495 Van Buren Blvd, Riverside CA 92518

Drawing Number
LI102



Date
 May 26, 2016

Checked
 EH

Drawn
 EH/JH/AW

Dwg. 42 of 47