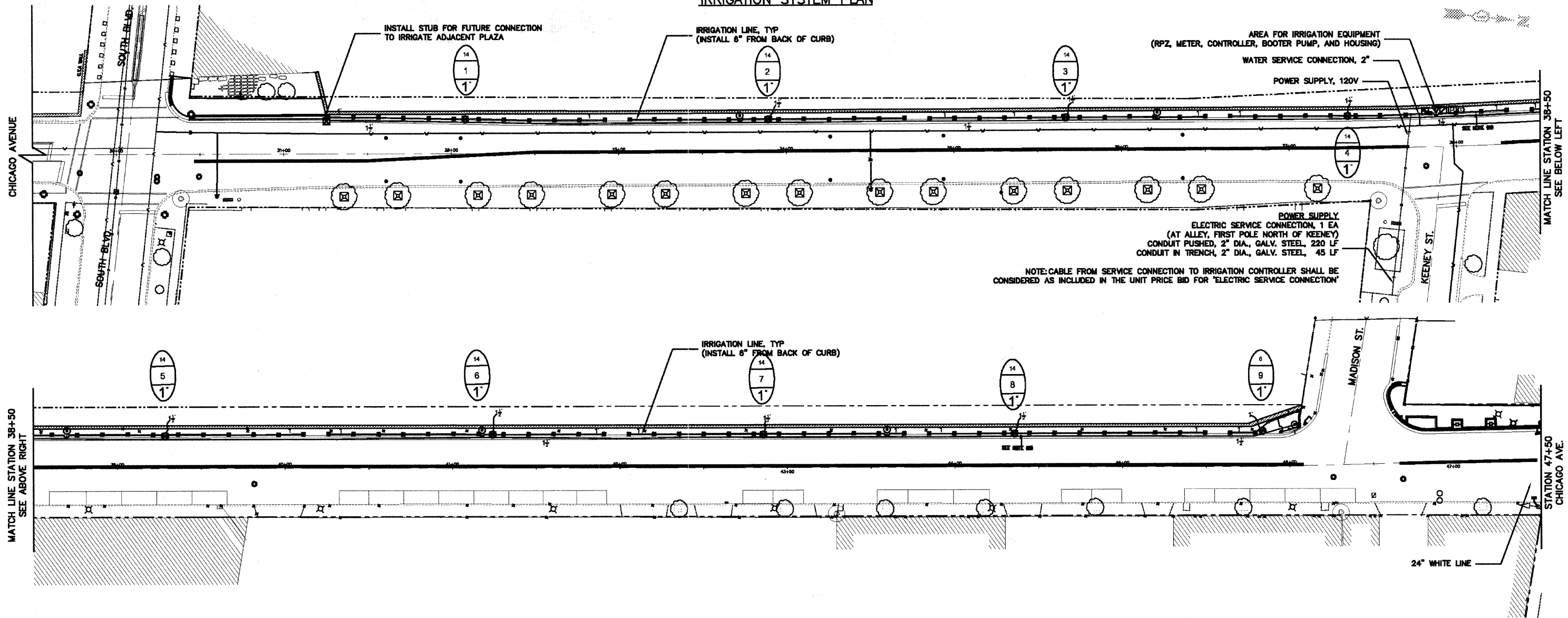


IRRIGATION SYSTEM PLAN

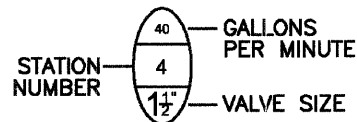


IRRIGATION LEGEND

- HUNTER, PROS-12-PRS30-CV SERIES, 12" POP UP W/ MPR NOZZLE (10') (OR APPROVED EQUAL)
- HUNTER, PROS-12-PRS30-CV SERIES, 12" POP UP W/ MPR NOZZLE (SST) (OR APPROVED EQUAL)
- ⊙ HUNTER, QCV, QUICK COUPLING VALVE, 1" (OR APPROVED EQUAL)
- ⊕ HUNTER, ICV-F-S SERIES, ELECTRIC VALVE, 1" (OR APPROVED EQUAL)
- ⊠ HUNTER, I-CORE-PLUS-MODULES-PL, AUTOMATIC CONTROLLER (OR APPROVED EQUAL)
- ⊡ HUNTER, SOLAR SYNC, AUTOMATIC RAIN SHUT OFF (OR APPROVED EQUAL)
- ⊞ IRRIGATION STUB FOR FUTURE
- ⊞ BOOSTER PUMP
- ⊞ TAP LOCATION, 1"
- △ FEBCO, 825Y SERIES, REDUCED PRESSURE BACKFLOW, 1" (OR APPROVED EQUAL)
- PVC MAINLINE, CLASS 200, BE, 18" BURY, SIZE 1.5"
- POLY LATERAL, 100 PSI, NSF, 12" BURY, SIZE AS SHOWN

LATERAL PIPE SIZE CHART FOR POLY

1".....	1 - 12 GPM
1.5".....	13 - 30 GPM



IRRIGATION SPECIFICATIONS

1. ALL WORK IS TO BE IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND ORDINANCES.
2. ALL UNDERGROUND ELECTRICAL CONNECTIONS ARE TO BE MADE WITH 3-M (OR APPROVED EQUAL) WIRE CONNECTORS, DBY.
3. ALL AUTO CONTROL VALVES ARE TO BE INSTALLED IN NDS (OR APPROVED EQUAL) VALVE BOXES OF APPROPRIATE SIZE.
4. ALL CONTROL WIRING DOWNSTREAM OF THE CONTROLLER IS TO BE 14 AWG, UL APPROVED FOR DIRECT BURY.
5. ALL ROTORS AND SPRAY POP-UPS SHALL BE INSTALLED ON SWING PIPE.
6. ALL QCV SHALL BE INSTALLED ON 3-ELBOW PVC SWING JOINTS.
7. SYSTEM DESIGN BASED UPON 15 GPM @ 70 PSI.
8. ANY CHANGES IN AVAILABILITY OF SUPPLY SHOULD BE NOTED AND MODIFICATIONS TO THE DESIGN SHOULD BE MADE.
9. CONTRACTOR TO VERIFY WATER PRESSURE AND AVAILABILITY PRIOR TO INSTALLATION.
10. ANY IRRIGATION PIPING SHOWN OUTSIDE OF CURBS FOR CLARITY ONLY.
11. 120V. TO CONTROLLER AND COPPER STUB, BY OTHER THAN IRRIGATION CONTRACTOR.
12. THERE WILL BE NO SUBSTITUTIONS OR CHANGES TO THE IRRIGATION DESIGN ALLOWED WITHOUT DIRECT, WRITTEN APPROVAL FROM THE IRRIGATION CONSULTANT.

CHICAGO AVE STREETSCAPE EVANSTON EVANSTON, IL

Date: 03/17/11  
 Revision Date: 08/25/11  
 Project Number: 17778983  
 SHEET: 1 OF 2  
 Designed by: SK  
 Approved by: CP



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PLANS PREPARED BY: CITY OF EVANSTON PUBLIC WORKS DEPARTMENT DIVISION OF TRANSPORTATION PHONE: (847) 698-2940

DESIGNED — DSM	REVISED — 7/1/11 PER IDOT
DRAWN — DSM	REVISED — 8/26/11 PER IDOT
CHECKED — SN, PC	REVISED —
DATE — 1 / 27 / 2011	REVISED —

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IRRIGATION SYSTEM PLAN  
 CHICAGO AVENUE

SCALE: 1" = 20' SHEET NO. 23 OF 39 SHEETS STA. 29+50 TO STA. 47+50

F.A.U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2853	10-00259-00-LS	COOK	39	23
CONTRACT NO. 63593			ILLINOIS FED. AID PROJECT	