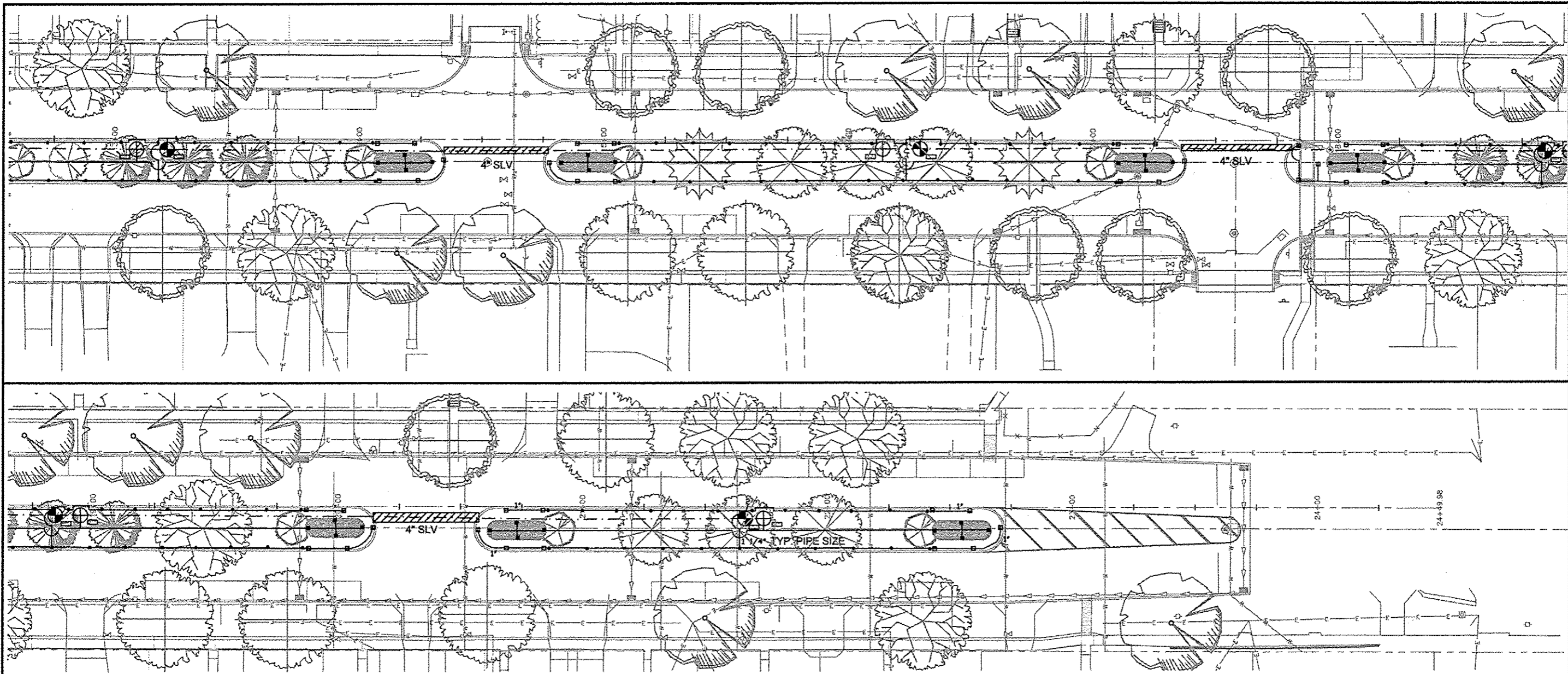


G:\2010\UNWA10M008-Geneseo-S.State St. SewerWaterDrawings\Plot\A10M008-IRRIGATION.dwg, 3/4/2013 2:53:54 PM, jefrm



IRRIGATION SPECIFICATIONS

- IRRIGATION SYSTEM DESIGN BASED ON 40 GPM AT 60 PSI.
- IRRIGATION DESIGN IS FROM THE POINT OF CONNECTION(POC) ONLY. THE DESIGN IS BASED ON GALLONS PER MINUTE(GPM) AND POUNDS PER SQUARE INCH(P.S.I.) FURNISHED BY OTHERS.
- IRRIGATION CONTRACTOR IS TO VERIFY POINT OF CONNECTION IN THE FIELD. INSTALLER IS TO CONFIRM THE MINIMUM DISCHARGE REQUIREMENTS OF THE POINT OF CONNECTION AS INDICATED ON THE LEGEND PRIOR TO INSTALLATION.
- THE PRESSURE REQUIREMENT AT THE POINT OF CONNECTION IS BASED ON NO MORE THAN 5 FEET OF ELEVATION CHANGE IN THE AREAS OF IRRIGATION.
- ALL PRODUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ACCORDING TO LOCAL BUILDING, ELECTRICAL, AND PLUMBING CODES.
- IRRIGATION CONTRACTOR WILL ARRANGE INSPECTIONS REQUIRED BY LOCAL AGENCIES AND ORDINANCES DURING THE COURSE OF CONSTRUCTION AS REQUIRED. ALL WIRING TO BE PER LOCAL CODE. BACKFLOW PREVENTION TO BE PER LOCAL CODE.
- LOCATION OF IRRIGATION COMPONENTS SHOWN ON DRAWING IS APPROXIMATE. ACTUAL PLACEMENT MAY VARY SLIGHTLY AS REQUIRED TO ACHIEVE FULL, EVEN COVERAGE.
- ALL SPRINKLER HEADS SHALL BE INSTALLED PERPENDICULAR TO FINISH GRADES, EXCEPT AS OTHERWISE INDICATED.
- INSTALL IRRIGATION MAINS WITH A MINIMUM 18" OF COVER BASED ON FINISH GRADES. INSTALL IRRIGATION LATERALS WITH MINIMUM 12" OF COVER BASED ON FINISH GRADES.
- PIPE LOCATIONS ARE DIAGRAMATIC. VALVES AND MAINLINE SHOWN IN PAVED AREAS ARE FOR GRAPHIC CLARITY ONLY.
- THE IRRIGATION CONTRACTOR SHALL COMPLY WITH PIPE SIZES AS INDICATED.
- ALL WIRE SPLICES OR CONNECTIONS SHALL BE MADE WITH APPROVED WATERPROOF WIRE CONNECTIONS AND BE IN A VALVE OR SPLICE BOX.
- ALL CONTROL WIRING DOWNSTREAM OF THE CONTROLLER IS TO BE 14 AWG, UL APPROVED DIRECT BURY.
- THE DESIGN IS BASED ON THE SITE INFORMATION AND/OR DRAWING SUPPLIED WITH THE DESIGN CRITERIA BEING SET (AREA TO BE IRRIGATED, EQUIPMENT MANUFACTURER AND MODEL TO BE USED, WATER SOURCE INFORMATION, ELECTRICAL POWER AVAILABILITY, ETC.). JOHN DEERE LANDSCAPES BEARS NO RESPONSIBILITY OR LIABILITY FOR ANY ERRORS IN DESIGN OR INSTALLATION THAT ARISE DUE TO INACCURACIES IN THE ABOVE REFERENCED INFORMATION SUPPLIED TO JOHN DEERE LANDSCAPES IN RELATION TO THIS PROJECT, UNLESS OTHERWISE NOTED.

LATERAL PIPE SIZE CHART FOR POLY

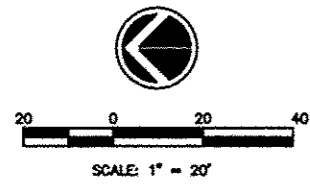
1"	1 - 12 GPM
----	------------

LATERAL PIPE SIZE CHART FOR PVC

1.25"	13 - 26 GPM
1.5"	27 - 36 GPM
2"	37 - 55 GPM

SYMBOL

- HUNTER, PROS-04-10A SERIES, 4" POP UP W/ 10A NOZZLE
- HUNTER, PROS-04-12A SERIES, 4" POP UP W/ 12A NOZZLE
- HUNTER, PROS-04-15A SERIES, 4" POP UP W/ 15A NOZZLE
- HUNTER, PROS-04-SS SERIES, 4" POP UP W/ STRIP NOZZLE
- HUNTER, PROS-12-10A SERIES, 12" POP UP W/ 10A NOZZLE
- ⊗ WILKINS 975XL - 2", REDUCED PRESSURE BACKFLOW
- ⊗ RAIN BIRD 100-PGA, ELECTRIC VALVE, 1.0"
- ⊗ RAIN BIRD 150-PGA, ELECTRIC VALVE, 1.5"
- ▲ HUNTER IC-DUAL, TWO WIRE DECODER CONTROLLER
- HUNTER DUAL1, SINGLE STATION DECODER
- ⊗ ISOLATION GATE VALVE, MAINLINE SIZE
- ▲ HUNTER, WRC SERIES, WIRELESS RAIN CLIK
- TAP LOCATION, 2"
- POLY LATERAL, 80 PSI, NSF, SIZE 1"
- PVC LATERAL, CLASS 200, BE, SIZE AS SHOWN
- - - PVC MAINLINE, CLASS 200, BE, SIZE 2"
- ▨ PVC SLEEVE, SCHEDULE 40, BE, SIZE AS SHOWN



REVISIONS	DESCRIPTION	DATE
No.		

Missman, Inc.
Professional Engineers & Land Surveyors

Rock Island, IL • Bettendorf, IA • Sycamore, IL
(319) 788-7644 • (319) 344-0260 • (615) 935-9400 • (615) 886-3825
www.missman.com

STATE STREET RE-CONSTRUCTION
GENESEO, ILLINOIS

IRRIGATION PLAN -2

Missman Project No:
A10M008

File Name:
A10M008-IRRIGATION.dwg

© COPYRIGHT 2013
ALL RIGHTS RESERVED

Field Book No: ###

Drawn By: WKS

Checked By: JLM

Date: 11/19/2012

Mark A. Slifka 2-22-13

MARK A. SLIFKA
REGISTERED LANDSCAPE ARCHITECT

ILLINOIS #157-000731 IOWA #00465