

**CRAIG A. SCHNEIDER, AIA**  
**ARCHITECT**  
 1736 East Sunshine, Suite 417  
 Springfield, Missouri 65904  
 417-862-0558  
 Fax: 417-862-9265  
 e-mail: architect@estrtyschneider.com

**PROJECT:**  
**NEW O'REILLY AUTO PARTS STORE**  
**U.S. HIGHWAY 11**  
**STRASBURG, VA**  
**IRRIGATION PLAN**

**O'Reilly AUTO PARTS**  
 CORPORATE OFFICES  
 233 SOUTH PATTERSON  
 SPRINGFIELD, MISSOURI 65802  
 (417) 862-2874 TELEPHONE

COMM # 4253  
 DATE: 11-2-18  
 REVISION  
 DATE: 3-8-19  
 6-20-19  
 9-27-19

**L2.1**

**GENERAL NOTES**

- A REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B REFER TO CIVIL AND SITE UTILITY DRAWINGS FOR ADDITIONAL REQUIREMENTS. COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.
- C PRIOR TO INSTALLATION, GENERAL CONTRACTOR TO CONFIRM THAT LIGHT POLES, LANDSCAPING AND UTILITIES DO NOT CONFLICT WITH SIGN LOCATION SHOWN. IF ANY POTENTIAL CONFLICT IS DISCOVERED, GENERAL CONTRACTOR IS TO CONTACT OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
- D IRRIGATION SYSTEM TO BE DESIGNED BY CONTRACTOR FOR SHOWN COVERAGE AREAS INDICATED. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERABLE IRRIGATION SYSTEM IN ACCORDANCE WITH GOVERNING CODES, ORDINANCES, AND AUTHORITIES HAVING JURISDICTION. SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL AS SPECIFIED.
- E VERIFY MINIMUM STATUTORY WATER PRESSURE IS AVAILABLE AT THE PROJECT SITE PRIOR TO DESIGN AND BEGINNING CONSTRUCTION.
- F COORDINATE IRRIGATION SYSTEM WITH LANDSCAPING AND PLANTING. REFER TO LANDSCAPE PLAN WHEN TRENCHING AVOID TREE ROOT BALLS AT ALL LOCATIONS AT APPROPRIATE LOCATIONS.
- G ADJUST NOZZLES TO AVOID OVERTHROW ON SIDEWALKS, PAVING, WALLS, DRIVEWAYS AND BEYOND PROPERTY LINES, UNLESS OTHERWISE INDICATED. THROTTLE ALL IRRIGATION CONTROL VALVES AS REQUIRED TO PREVENT SPRING. ADJUST ARC AND RADIUS OF REQUIRED SPRINKLERS TO FIT.
- H SET CONTROLLER RUN TIMES TO MATCH PLANT WATER NEEDS AND SOIL CONDITIONS.
- I INSTALL RISERS 18" FROM WALLS AND A MINIMUM OF 12" FROM ANY SIDEWALK OR ROAD.
- J TOP OF SPRAY AND ROTOR HEADS SHALL BE SET AT TOP OF SOD OR TOP OF MULCH LAYERS.
- K PROVIDE RAIN SENSOR AND ANTI-FREEZE ASSEMBLY ON IRRIGATION SYSTEM.
- L THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE WORK UNTIL OWNER GIVES FINAL ACCEPTANCE.
- M ALL CIRCUIT PIPE IS TO BE CLASS 100 PVC OR HIGHER GRADE.
- N ALL MAIN FITTINGS SHALL BE REINFORCED WITH 2000 PSI POURED CONCRETE THRUST BLOCKS.

**COVERAGE REQUIREMENTS**

IRRIGATION HEAD SHALL BE PLACED TO PROVIDE 100% OVERLAP HEAD-TO-HEAD COVERAGE.

**KEY NOTES**

- 1 APPROXIMATE LOCATION OF LAWN IRRIGATION METER WITH BACK FLOW PREVENTION PER CITY REQUIREMENTS. REFER TO SITE UTILITIES PLAN
- 2 IRRIGATION CONTROLLER LOCATION INSIDE OF BUILDING. PROVIDE FREEZE SENSOR AND RAIN SENSOR ON OUTSIDE OF BUILDING.
- 3 4" DIAMETER SCHEDULE 40 PVC SLEEVES UNDER PAVEMENT FOR ROUTING OF IRRIGATION SYSTEM. PROVIDE END CAPS AND PULL WIRE.

**SYMBOLS LEGEND**

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND

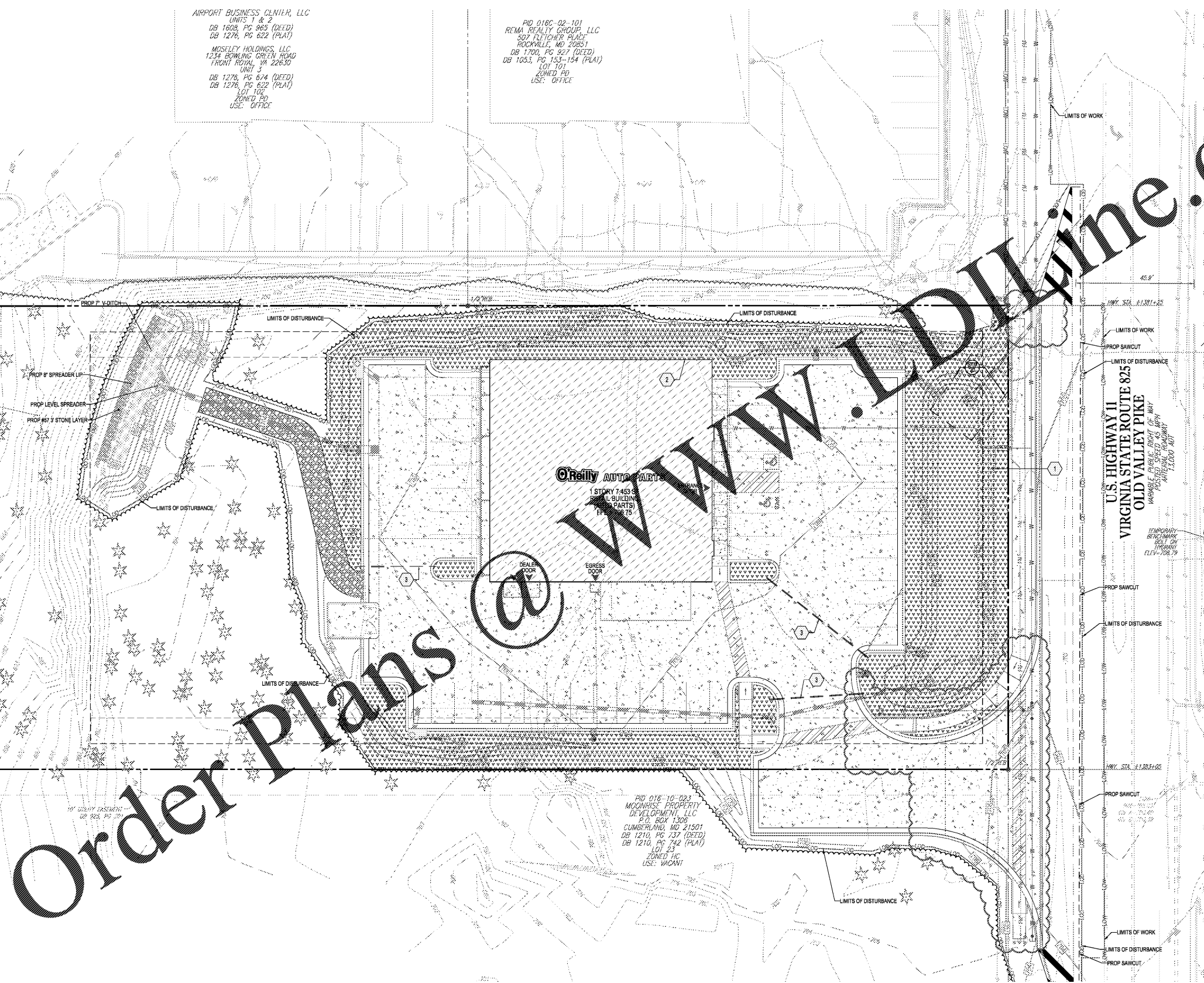
AREA OF DESIRED IRRIGATION COVERAGE

**PLAN REFERENCES**

THIS PLAN TO BE UTILIZED FOR IRRIGATION PURPOSES ONLY



PROJECT No. V183204 SCALE: 1"=20'  
 DRAWN BY / CHECKED BY: DSH/JUR CAD I.D.: LP 2



**1 LANDSCAPE IRRIGATION PLAN**  
**L2.1 SCALE: 1" = 20'**



AIRPORT BUSINESS CENTER, LLC  
 UNITS 1 & 2  
 DB 1608, PG 065 (DEED)  
 DB 1276, PG 622 (PLAT)  
 MOSELEY HOLDINGS, LLC  
 1234 BOWLING GREEN ROAD  
 FRONT ROYAL, VA 22630  
 UNIT 3  
 DB 1276, PG 674 (DEED)  
 DB 1276, PG 622 (PLAT)  
 LOT 105  
 ZONED PD  
 USE: OFFICE

PD 016C-02-101  
 REMA REALTY GROUP, LLC  
 507 FLETCHER PLACE  
 ROCKVILLE, MD 20851  
 DB 1700, PG 927 (DEED)  
 DB 1033, PG 153-154 (PLAT)  
 LOT 101  
 ZONED PD  
 USE: OFFICE

PD 016C-02-002  
 DAVID T. BURNS  
 63 CRYSTAL RIDGE DR  
 ELLENBORO, VT 06029  
 DB 1748, PG 753 (DEED)  
 DB 1038, PG 175 (PLAT)  
 LOT 2  
 ZONED PD  
 USE: MULTI-FAMILY RESIDENTIAL

PD 016C-02-003  
 DAVIS S. TARR &  
 LUCY C. CHANEY TRUST  
 109 POTTERS CIRCLE  
 STRASBURG, VA 22657  
 DB 1700, PG 24 (DEED)  
 DB 1038, PG 175 (PLAT)  
 LOT 1  
 ZONED PD  
 USE: MULTI-FAMILY RESIDENTIAL

PD 016-10-024  
 MOONSHINE PROPERTY  
 DEVELOPMENT, LLC  
 P.O. BOX 1306  
 CUMBERLAND, MD 21501  
 DB 1210, PG 137 (DEED)  
 DB 1210, PG 742 (PLAT)  
 LOT 23  
 ZONED PG  
 USE: VACANT