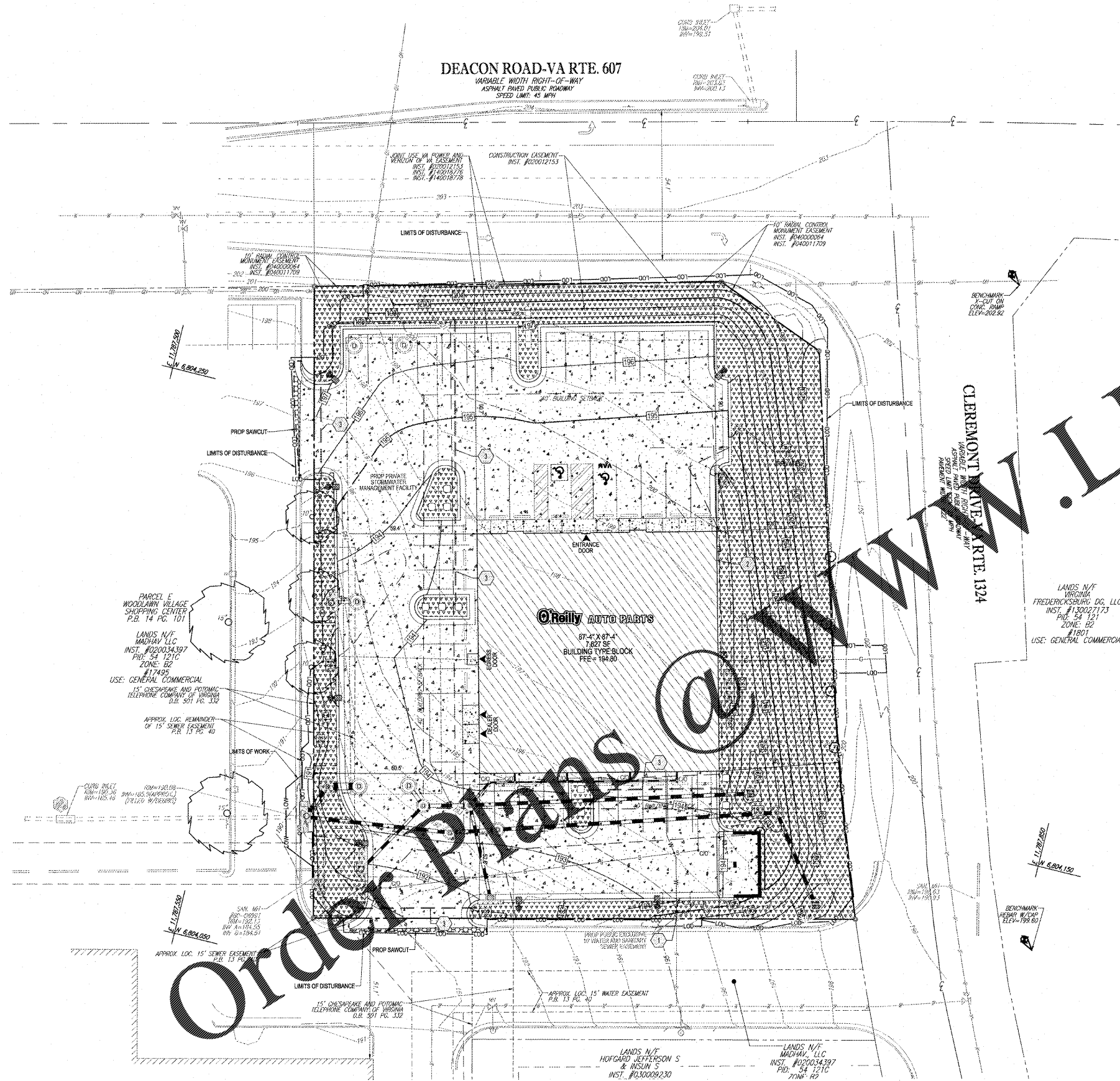
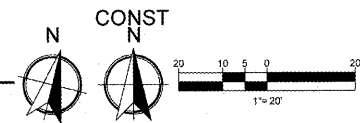


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1 LANDSCAPE IRRIGATION PLAN
L2.1 SCALE: 1" = 20'

**KNOW WHAT'S BELOW
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BEFORE YOU DIG**
It's fast. It's free. It's the law.




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 STATUTE WATER PRESSURE IS AVAILABLE AT THE PROJECT SITE PRIOR TO BEGINNING CONSTRUCTION.
- (F) COORDINATE IRRIGATION SYSTEM WITH LANDSCAPING AND PLANTING. REFER TO LANDSCAPE PLAN FOR SPECIFICATIONS. AVOID TREE ROOT BALLS AND SMALL TREES AT APPROPRIATE LOCATIONS.
- (G) ADJUST NOZZLES TO AVOID OVERTHROW ON SIDEWALKS PAVING WALLS, ROADS AND BEYOND PROPERTY LINES, UNLESS OTHERWISE INDICATED. PROTECT ALL IRRIGATION CONTROL VALVES AS REQUIRED TO PREVENT FLOODING. ADJUST ARC AND RADIUS OF REQUIRED SPRINKLERS.
- (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 160 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
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PLAN REFERENCES

- THIS PLAN TO BE UTILIZED FOR IRRIGATION PURPOSES ONLY

PROJECT No.: V183201
DRAWN BY / CHECKED BY: DSH/JQR

SCALE: 1"=20'
CAD I.D.: LP 0



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290 DEACON ROAD
FREDERICKSBURG, VA #4

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DATE: 11-2-18
REVISION DATE: 03-25-19
06-24-19
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IRRIGATION PLAN

O'Reilly AUTO PARTS
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(417) 862-2674 TELEPHONE

COMM # 4251
DATE: 11-2-18
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