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

O'Reilly AUTO PARTS
 CORPORATE OFFICES
 233 SOUTH PATTERSON
 SPRINGFIELD, MISSOURI 65802
 (417) 862-2674 TELEPHONE

COMM #	4253
DATE:	11-2-18
REVISION DATE:	3-8-19
	6-20-19
	9-27-19
	11-20-19
	1-3-20

C4.1

GENERAL NOTES

- (A) BRANCH CIRCUIT CONDUCTOR SIZES ARE INCREASED TO ALLOW FOR VOLTAGE DROP.
- (B) CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES USING UTILITY COMPANY CONTACT INFORMATION GIVEN. COORDINATE FOR ALL UTILITY WORK SHOWN. GIVE UTILITY COMPANIES NOTICE OF CONSTRUCTION START DATE AND ESTIMATED COMPLETION DATE.
- (C) GENERAL CONTRACTOR SHALL CONFIRM THAT LIGHT POLES, LANDSCAPING AND UTILITIES DO NOT CONFLICT WITH SIGN LOCATION SHOWN. IF ANY POTENTIAL CONFLICT IS DISCOVERED, GENERAL CONTRACTOR SHALL CONTACT THE O'REILLY PROJECT ADMINISTRATOR BEFORE PROCEEDING.
- (D) REFER TO SHEET C4.2 AND C4.3 FOR ADDITIONAL UTILITY DETAILS.

SYMBOLS LEGEND

REFER TO SHEET C4.2 FOR EXISTING CONDITION SYMBOLS LEGEND

NEW UTILITIES
 SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)

— W —	WATER SERVICE
— S —	SANITARY SEWER
— SL —	SANITARY LATERAL
— FM —	SANITARY FORCE MAIN
— SW —	STORM SEWER
— E —	UG ELECTRIC
— T —	UG PHONE (BY PHONE CO.)
— OH —	OVERHEAD ELECTRIC
— C —	CONNECTING TO EXISTING
— G —	GAS SERVICE (BY GAS CO.)
— SC —	SAW CUT

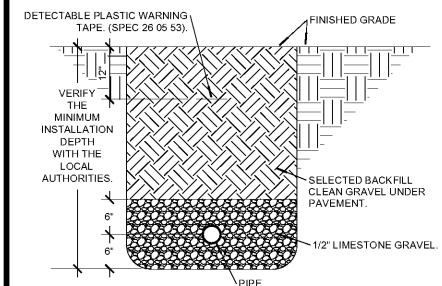
P.O.C. = POINT OF CONNECTION BETWEEN SITE PIPING (SPEC 33 00 00) AND BUILDING PIPING (SPEC 22 00 00, 21 13 13). AS NECESSARY - SPEC 22 00 00 DENOTES LANDSCAPE IRRIGATION.

PLAN REFERENCES

- REFER TO GENERAL NOTES SHEET FOR GRADING & UTILITY NOTES
- THIS PLAN TO BE UTILIZED FOR SITE UTILITY PURPOSES ONLY

UTILITY COMPANY CONTACTS

ELECTRIC:	SHENANDOAH VALLEY ELECTRIC COOPERATIVE (540) 465-220
TELEPHONE:	SHENANDOAH TELECOMMUNICATIONS COMPANY (800) 743-9835
GAS:	WASHINGTON GAS (540) 868-7925
WATER:	TOWN OF STRASBURG PUBLIC WORKS (540) 465-9197
SEWER:	TOWN OF STRASBURG PUBLIC WORKS (540) 465-9197



PIPE INSTALLATION DETAIL
 NO SCALE



PROJECT No. V183204 SCALE: AS NOTED
 DRAWN BY / CHECKED BY: DSH/JUR CAD I.D. SS2

TELEPHONE SERVICE REQUIREMENTS:

SPECIAL NOTE: NEW SERVICE TO BUILDING SHALL BE AN UNDERGROUND SERVICE. CONTRACTOR SHALL SCHEDULE INSTALLATION OF U/G TELEPHONE SERVICE CONDUIT WITH OWNER.

SCHEDULE 40 PVC CONDUIT WITH RIGID GALVANIZED STEEL LONG SWEEP BENDS @ 18" 24" DEPTH FOR PHONE SERVICE. PROVIDE MINIMUM 1/4" POLYPROPYLENE PULL LINE. PLACE CONDUIT A MINIMUM OF 12" FROM U/G ELECTRICAL CONDUITS IN SAME TRENCH.

CAP CONDUIT AT PROPERTY LINE BELOW FINISHED GRADE AND INSTALL CABLE MARKER FOR PHONE COMPANY. IF NECESSARY, OTHERWISE, CONTINUE PHONE SERVICE CONDUIT TO A POLE AND INSTALL RIGID GALVANIZED STEEL CONDUIT TO A MINIMUM 10' ABOVE FINISH GRADE, ATTACHED TO POLE.

CONTRACTOR SHALL COORDINATE INSTALLATION AND VERIFY REQUIREMENTS WITH PHONE COMPANY. FEES INCLUDE ALL FEES (IF ANY) BY PHONE COMPANY FOR INSTALLATION OF NO LESS THAN 10 PAIR CABLE IN MENTIONED CONDUIT. CONTRACTOR INSTALLED #8 AWG CU GROUND TO TELEPHONE EQUIPMENT LOCATION, FROM ELECTRICAL GROUNDING ELECTRODE SYSTEM. FINAL CONNECTIONS AND INSIDE PHONE WIRING BY OWNER.

ONLY IF UNDERGROUND PHONE SERVICE IS NOT AVAILABLE, THEN MAY CONTRACTOR INSTALL APPROPRIATE OVERHEAD PHONE SERVICE RISER, WEATHERHEAD, ETC. COORDINATE WITH OWNER AND PHONE CO.

SAWCUT NOTE:

WHERE NEW UTILITY SERVICES ARE ROUTED UNDER EXISTING PAVED AREAS, ALL EXISTING PAVING SHALL BE REMOVED IN THE FOLLOWING STEPS:

- 1) SAWCUTTING PAVING.
- 2) REMOVAL AND TRENCHING.
- 3) INSTALLATION OF UTILITY.
- 4) BACKFILL AND COMPACTION.
- 5) INSTALLATION OF NEW PAVING THAT MATCHES THE EXISTING SURROUNDING PAVING IN BOTH MATERIAL AND ELEVATION.

CONTRACTOR SHALL COORDINATE, OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND LICENSES TO PERFORM THIS WORK AND SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL WHILE PERFORMING SAWCUTTING OPERATIONS AS NECESSARY.

CONTRACTOR CAUTION!!
VERIFY SEWER LINE ELEVATION

BEFORE STARTING ANY BUILDING PAD GRADING AND PLUMBING WORK THE CONTRACTOR SHALL FIELD VERIFY LOCATION, MATERIAL, CONDITION, ACCESSIBILITY (INCLUDING STATE HIGHWAY OR OTHER RIGHTS-OF-WAY) AND WORKABLE FLOW LINE ELEVATION OF THE EXISTING SANITARY SEWER SERVICE LINE OR MAIN.

IF A WORKABLE FLOW LINE HAS NOT BEEN ESTABLISHED AT THE TIME OF FINAL SANITARY SEWER SERVICE CONNECTION, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXPENSES ASSOCIATED WITH THE INSTALLATION OF A NEW GRINDER PUMP SYSTEM TO MEET OWNER AND LOCAL REQUIREMENTS.

EXISTING CONDITIONS NOTES:

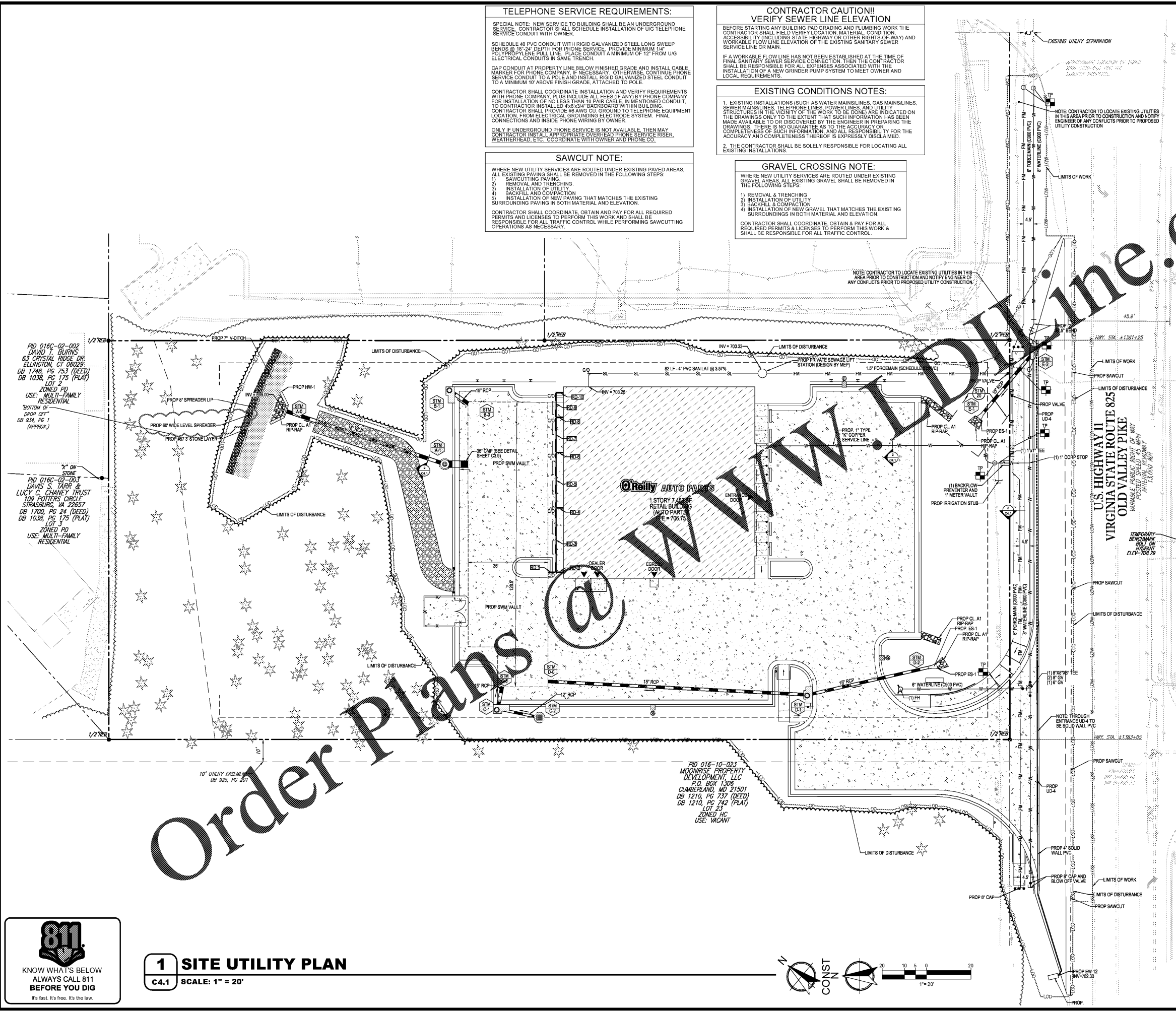
1. EXISTING INSTALLATIONS (SUCH AS WATER MAINS LINES, GAS MAINS LINES, SEWER MAINS LINES, TELEPHONE LINES, POWER LINES, AND UTILITY STRUCTURES IN THE VICINITY OF THE WORK TO BE DONE) ARE INDICATED ON THE DRAWINGS ONLY TO THE EXTENT THAT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY THE ENGINEER IN PREPARING THE DRAWINGS. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION, AND ALL RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS THEREOF IS EXPRESSLY DISCLAIMED.
2. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING ALL EXISTING INSTALLATIONS.

GRAVEL CROSSING NOTE:

WHERE NEW UTILITY SERVICES ARE ROUTED UNDER EXISTING GRAVEL AREAS, ALL EXISTING GRAVEL SHALL BE REMOVED IN THE FOLLOWING STEPS:

- 1) REMOVAL & TRENCHING
- 2) INSTALLATION OF UTILITY
- 3) BACKFILL & COMPACTION
- 4) INSTALLATION OF NEW GRAVEL THAT MATCHES THE EXISTING SURROUNDINGS IN BOTH MATERIAL AND ELEVATION.

CONTRACTOR SHALL COORDINATE, OBTAIN & PAY FOR ALL REQUIRED PERMITS & LICENSES TO PERFORM THIS WORK & SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL.



Order Plans

1 SITE UTILITY PLAN
 C4.1 SCALE: 1" = 20'

