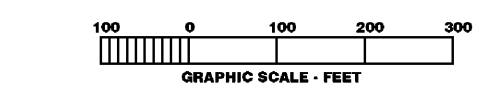


**SIGHT DISTANCE TAKEN 15' FROM TRAVEL LANE AND 3.5' ABOVE GRADE.**

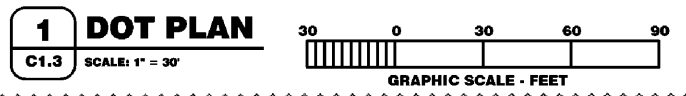
**5 LANE HIGHWAY WITH 55 MPH SPEED LIMIT**

ARTERIAL SPEED (MPH)	SIGHT DISTANCE, FT.*							
	2 Lane		3 Lanes		4 Lanes		5 Lanes	
	SDL=SDR	SDL	SDR	SDL	SDR	SDL	SDR	
30	335	310	355	335	375	355	400	
35	390	365	415	390	440	415	465	
40	445	415	475	445	500	475	530	
45	500	465	530	500	565	530	600	
50	555	515	590	555	625	590	665	
55	610	570	650	610	690	650	730	
60	665	620	710	665	750	710	795	
65	720	675	765	720	815	765	860	

**Table 3-4 Intersection Sight Distance Requirements**

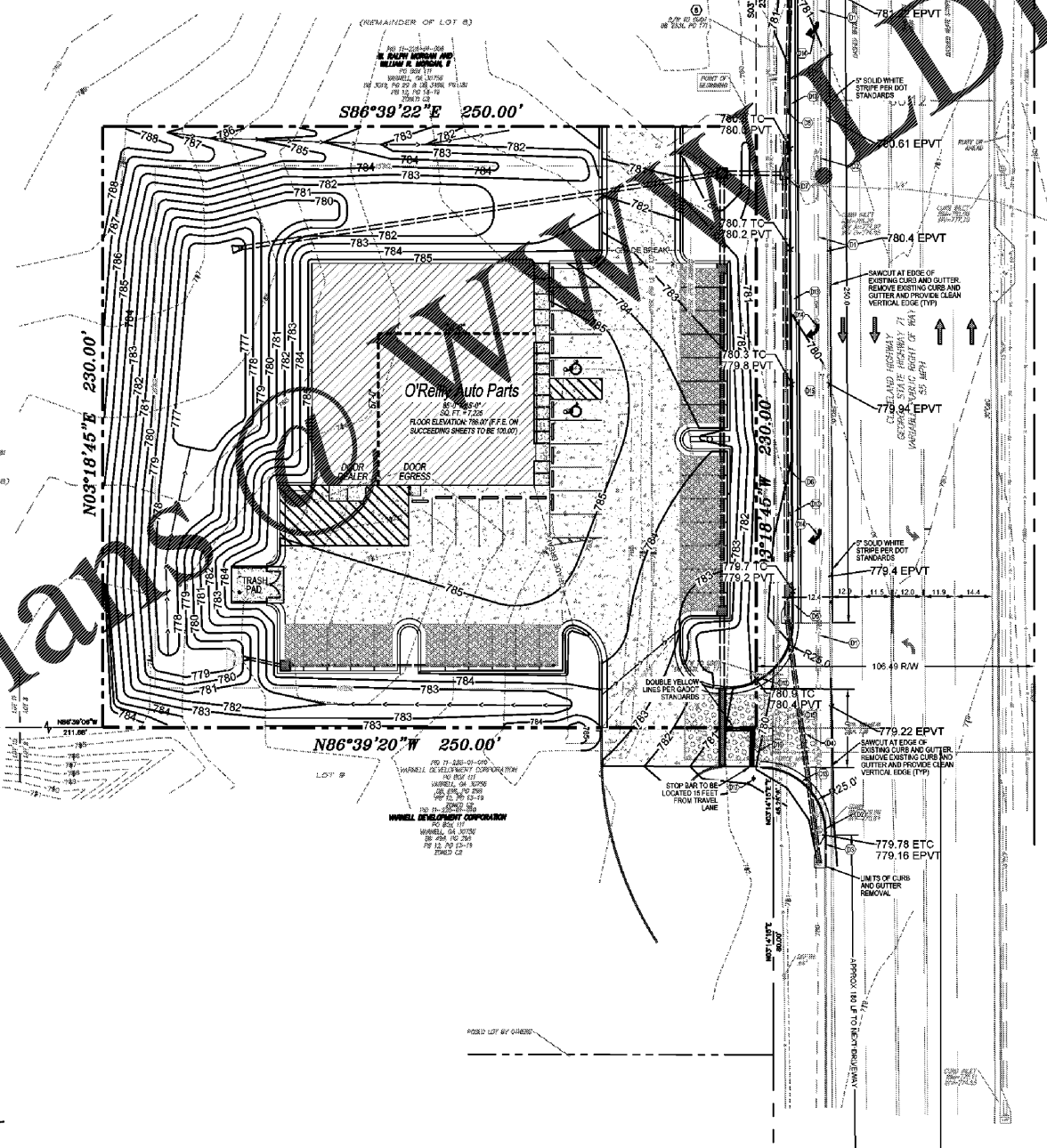


**2 SIGHT DISTANCE EXHIBIT**  
C1.3 SCALE: 1" = 100'-0"



**1 DOT PLAN**  
C1.3 SCALE: 1" = 30'

Order Plans



**PROJECT INFO:**

PROPERTY OWNER / PERMIT APPLICANT:  
O'REILLY AUTOMOTIVE STORES, INC.  
233 SOUTH PATTERSON  
SPRINGFIELD, MO 65802  
417-862-3333  
PENGELO@ANDERSONENGINEERINGINC.COM

CIVIL ENGINEER:  
ANDERSON ENGINEERING, INC.  
321 W. WOODLAND  
SPRINGFIELD, MISSOURI  
417-862-3333  
PENGELO@ANDERSONENGINEERINGINC.COM

**SPECIAL NOTE, ASPHALT TYPICAL SECTION:**  
12 INCHES OF GAB  
2 INCHES OF 25MM ASPHALT BASE  
2 INCHES OF 15MM ASPHALT BINDER  
1.5 INCHES OF 12.5MM ASPHALT TOPPING

**SPECIAL NOTE:**  
ALL STRIPING AND SIGNAGE ITEMS MUST MEET LATEST MUTCD, GDOT, AND GA CODE.

**SPECIAL NOTE:**  
NO STATE WATERS LOCATED WITHIN 200' OF SITE.

**EROSION CONTROL CERTIFICATION:**

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION.

*Craig T. Haugrove*  
0000089429 / 10-18-2022  
LEVEL II CERTIFICATION / EXPIRATION DATE



**SYMBOLS LEGEND**

REFER TO SURVEY (S11) FOR EXISTING CONDITION SYMBOLS, LEGEND AND SITE CONTROL.		NEW SPOT ELEVATIONS	
SYMBOL	DESCRIPTION	LIST	ABBREVIATION
---	EXISTING GRADE LINES	NEW GRADE	NONE
---	PROPOSED NEW GRADE LINES	SIDEWALK	SW
▨	NEW BUILDING CONSTRUCTION	TOP OF WALL	TW
▨	NEW PAVEMENT PAVERS	TOP OF CURB	TC
▨	NEW SIGN	TOP OF PAVEMENT	PVT
▨	NEW CONCRETE PAVING BLOCK	NEW GRADE	GD
▨	TEMPORARY EROSION CONTROL FENCE	CONCRETE	CONC
▨	SURFACE FLOW ARROW	EXISTING TOP OF CURB	ETC
		EXISTING GRADE	EGD
		EXISTING PAVEMENT	EPVT
		EXISTING SIDEWALK	ESW
		FLOWLINE	FL
		TOP OF BEAM	TOP

**PROJECT BENCHMARKS:**

- CITY STATE BOLT LOCATED ON FIRE HYDRANT LOCATED AT THE NORTHWEST CORNER OF RUBY ROAD AND CLEVELAND HIGHWAY, NORTH OF SUBJECT PROPERTY. ELEVATION = 780.29
- NAEL 1/4 INCHER SET IN CONCRETE DRIVEWAY APRON IN FRONT OF SUBJECT PROPERTY. ELEVATION = 780.80

**ANDERSON ENGINEERING**  
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321.3 S WEST BYPASS • SPRINGFIELD, MISSOURI 65807 • PHONE (417) 862-2741  
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PROJ # 19SP1022.1  
DRAWING # 19SP1022.1-003-ATH



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PROJECT:  
**NEW O'REILLY AUTO PARTS STORE**  
CLEVELAND HIGHWAY  
VARNELL, GA  
**DOT PLAN**

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

COMM #	44-20
DATE:	2-28-2020
REVISION	
DATE:	4-10-2020
	7-20-2020
	9-16-2020
	11-03-2020

C1.3