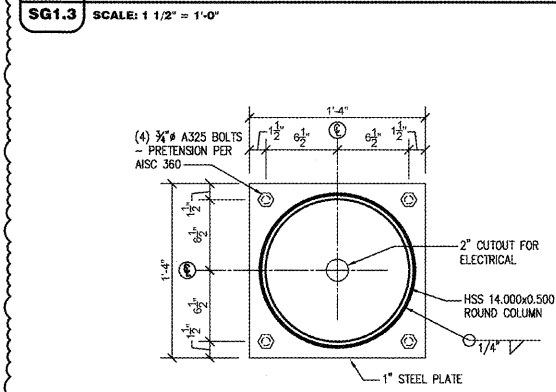
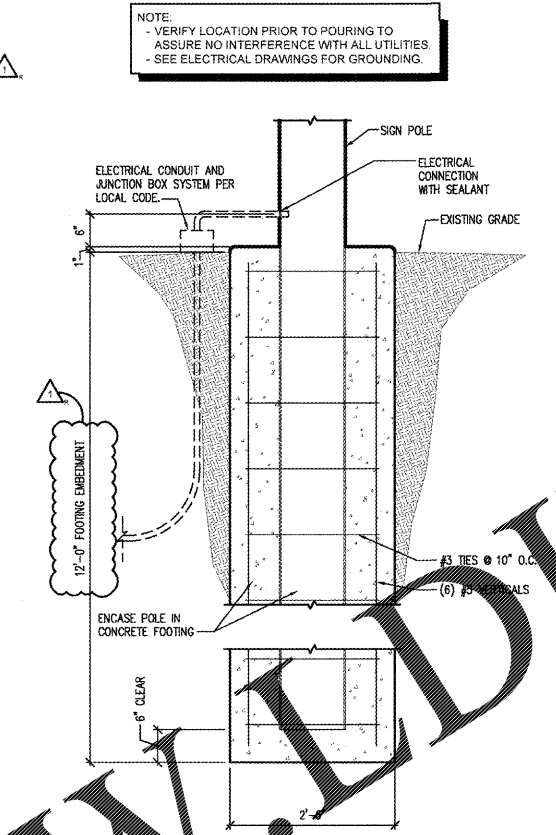


1 GROUND SIGN ELEVATION
SG1.3 SCALE: 1/4" = 1'-0" (SEE SITE PLAN FOR LOCATION)

2 SIGN MATCH PLATE



3 POLE CAP PLATE
SG1.3 SCALE: 1 1/2" = 1'-0"



4 SIGN POLE FOUNDATION
SG1.3 SCALE: 3/4" = 1'-0"

NOTE:
 - VERIFY LOCATION PRIOR TO POURING TO ASSURE NO INTERFERENCE WITH ALL UTILITIES.
 - SEE ELECTRICAL DRAWINGS FOR GROUNDING.

GENERAL NOTES

- A REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B CONTACT OWNER'S OR TENANT'S DESIGNATED PROJECT ADMINISTRATOR FOR QUESTIONS OR CLARIFICATIONS.
- C PERMANENT SIGNAGE OWNER FURNISHED AND INSTALLED. (REFER TO SCOPE OF WORK SCHEDULE). SIGNAGE GRAPHICS PROVIDED FOR REFERENCE ONLY (N.I.C.) AND CONTRACTOR'S COORDINATION WITH SPECIFIC PROJECT CONSTRUCTION CONDITIONS.
- D SITE SIGN FOUNDATIONS AND ROUGH-IN ELECTRICAL TO BE PROVIDED BY CONTRACTOR.
- E REQUIRED GOVERNMENTAL PERMITS FOR PERMANENT TYPE SIGNAGE TO BE PROVIDED BY SIGN COMPANY PER OWNER'S DIRECTION (N.I.C.).
- F "COMING SOON" TEMPORARY CONSTRUCTION SIGN TO BE PROVIDED BY GENERAL CONTRACTOR. APPLIED SIGNAGE GRAPHICS TO BE OWNER FURNISHED AND GENERAL CONTRACTOR INSTALLED. LOCATE TEMPORARY CONSTRUCTION SIGN ON SITE SO AS TO BE VISIBLE TO PUBLIC FROM RIGHT-OF-WAY.

STRUCTURAL NOTES

- A A GEOTECHNICAL ANALYSIS HAS NOT BEEN PERFORMED ON THIS SITE. THE GENERAL CONTRACTOR SHALL HIRE AND PAY A REGISTERED PROFESSIONAL GEOTECHNICAL ENGINEER WHERE THE PROJECT IS LOCATED TO FIELD VERIFY THE EXISTING SOIL CONDITIONS WITH RESPECT TO THE DESIGN BEARING PRESSURES REFERENCED HEREIN. THE GEOTECHNICAL ENGINEER SHALL SUBMIT WRITTEN DOCUMENTATION TO THE ENGINEER OF RECORD REFERENCED ON THIS SHEET SUBSTANTIATING SAID VERIFICATION PRIOR TO PLACING THE RESPECTIVE CONCRETE FOUNDATION.
- B THE FOUNDATIONS HAVE BEEN DESIGNED FOR A NET ALLOWABLE BEARING PRESSURE OF 1500 PSF AND A LATERAL BEARING PRESSURE OF 100 PSF.
- C READY MIX CONCRETE SHALL BE 4000 psi FOR ALL CONCRETE PLACEMENT. DO NOT ADD WATER TO THE MIX DESIGN AFTER DELIVERY TO THE PROJECT SITE.
- D HOT OR COLD WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 305-89 AND ACI 308-1-90, RESPECTIVELY.
- E ANY CONCRETE PLACED BY MEANS OF PUMPING SHALL BE DONE IN ACCORDANCE WITH ACI 304.2R (02).
- F CEMENT SHALL CONFORM TO A S.T.M. C-150 TYPE II.
- G AGGREGATES SHALL CONFORM TO A S.T.M. C-33 FOR NORMAL WEIGHT CONCRETE.
- H READY MIX CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH A.S.T.M. C-94.
- I ADMIXTURES MAY BE USED WITH THE APPROVAL OF THE STRUCTURAL ENGINEER. ADMIXTURES USED TO INCREASE THE WORKABILITY OF THE CONCRETE SHALL NOT BE CONSIDERED TO REDUCE THE CEMENT CONTENT. NO CALCIUM CHLORIDE ADMIXTURES ALLOWED.
- J FABRICATOR QUALIFICATIONS: FABRICATOR MUST PARTICIPATE IN THE AISC QUALITY CONTROL PROGRAM AND BE DESIGNATED AN AISC-CERTIFIED PLANT.
- K MATERIALS:
 STRUCTURAL STEEL.....ASTM A992, GRADE 50
 PLATES, ANGLES, AND MISCELLANEOUS STEEL.....ASTM A36
 ANCHOR RODS.....ASTM F 1554, GRADE 36
 HIGH STRENGTH BOLTS.....ASTM A325, UNLESS NOTED (OF NORTH AMERICAN MANUFACTURE)
 WELDING ELECTRODES.....AWS A5.1 (E70XX)
 PIPE.....ASTM A53, GRADE B
 SQUARE, ROUND, AND RECTANGULAR HOLLOW STRUCTURAL SECTIONS (HSS).....ASTM A500, GRADE B, Fy = 46 ksi

DESIGN CRITERIA

- A 2012 VIRGINIA CONSTRUCTION CODE
- B WIND SPEED:
 V_{ULTIMATE} = 115 MPH
- C SEISMIC PARAMETERS:
 SITE CLASS = D
 SEISMIC DESIGN CATEGORY = B
 S_{DS} = 0.21
 S_{D1} = 0.105

SPECIAL INSPECTIONS

- A THE OWNER WILL EMPLOY THE SERVICES OF ONE OR MORE SPECIAL INSPECTORS TO PROVIDE SPECIAL INSPECTIONS DURING CONSTRUCTION FOR THE REQUIRED SPECIAL INSPECTION ITEMS.
- B THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL RESPONSIBLE FOR THE DESIGN OF THE STRUCTURE, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
- C DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:
 1. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. THE INSPECTOR MAY NOT ALTER, MODIFY, ENLARGE OR WAIVE ANY OF THE REQUIREMENTS OF THE DOCUMENTS.
 2. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE PROFESSIONAL-OF-RECORD, AND THE CONTRACTOR. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. THEN, IF UNCORRECTED, SUBMIT A COMPLETE LIST OF ALL OUTSTANDING DISCREPANCIES ON A WEEKLY BASIS TO THE OWNER, THE BUILDING OFFICIAL, AND THE PROFESSIONAL-OF-RECORD, UNTIL ALL CORRECTIONS HAVE BEEN COMPLETED.
 3. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE BUILDING CODE.

- D WHERE SPECIAL INSPECTION REQUIREMENTS DUPLICATE THE REQUIREMENTS OF OTHER SPECIFIED TESTING, DUPLICATE INSPECTIONS SHALL NOT BE REQUIRED.
- E STRUCTURAL OBSERVATION (AS DEFINED IN CHAPTER 17 OF THE BUILDING CODE) IS NOT REQUIRED, UNLESS SPECIFICALLY REQUIRED BY THE BUILDING OFFICIAL.
- F SPECIAL INSPECTIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE SPECIAL INSPECTIONS SCHEDULE TO THE LEFT.

SPECIAL INSPECTIONS SCHEDULE		
SPECIAL INSPECTION	FREQUENCY	REFERENCED STANDARD(S)
STEEL CONSTRUCTION:		
1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS, AND WASHERS, HIGH-STRENGTH BOLTING.		
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS	PERIODIC	APPLICABLE ASTM MATERIAL SPECIFICATIONS, AISC ASD Sec. A3.4; AISC LRFD Sec. A3.3
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED	PERIODIC	
2. INSPECTION OF BEARING-TYPE CONNECTIONS		
	PERIODIC	AISC LRFD Sec. M2.5
3. MATERIAL VERIFICATION OF STRUCTURAL STEEL		
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	---	ASTM A-6 OR ASTM A-568
B. MANUFACTURER'S CERTIFIED MILL TEST REPORTS REQUIRED	---	
4. MATERIAL VERIFICATION OF WELD FILLER MATERIALS:		
A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS	---	AISC ASD Sec. A3.6; AISC LRFD Sec. A3.5
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED	---	
5. INSPECTION OF WELDING:		
SINGLE-PASS FILLET WELDS ≤ 5/16"	PERIODIC	AWS D1.1
CONCRETE CONSTRUCTION:		
1. INSPECT OF REINFORCEMENT AND VERIFY PLACEMENT		
	PERIODIC	IBC 1903.5, 1907.1, 1907.7, 1914.4; ACI 318 Ch. 20, 25.2, 25.3, 26.5.1-26.5.3
2. VERIFYING USE OF REQUIRED DESIGN MIX		
	PERIODIC	IBC 1904, 1905.2-1905.4, 1914.2-1914.3; ACI 318 Ch. 19, 26.4.3, 26.4.4
3. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.		
	CONTINUOUS	IBC 1905.6, 1914.10; ASTM C172, ASTM C31; ACI 318, 26.4.5, 26.12
4. INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES		
	CONTINUOUS	IBC 1905.9-1905.10, 1914.6-1914.8; ACI 318, 26.4.5
5. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.		
	PERIODIC	IBC 1905.11, 1905.13, 1914.9; ACI 318, 26.4.7-26.4.9
6. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.		
	PERIODIC	ACI 318, 26.10.1(b)

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REVISIONS:
 ADD #1 11/01/18

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 GORDONSVILLE, VA 22942

PROJECT:
RE-MODEL O'REILLY AUTO PARTS STORE
 103 E. GORDON AVE.
 GORDONSVILLE, VA 22942

NOV 01 2018
 PROFESSIONAL ENGINEER
 MARK A. SPALLINGER
 Lic. No. 0-08029
 Mark A. Spallinger
 License #048169
 Exp. Date 06/30/25
 Professional of Record

DRAWN: SRW
 CHECKED: SRW
 DATE: 10-17-2018
 JOB NO.: 118168 (GDV)
 SHEET:

SG1.3

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