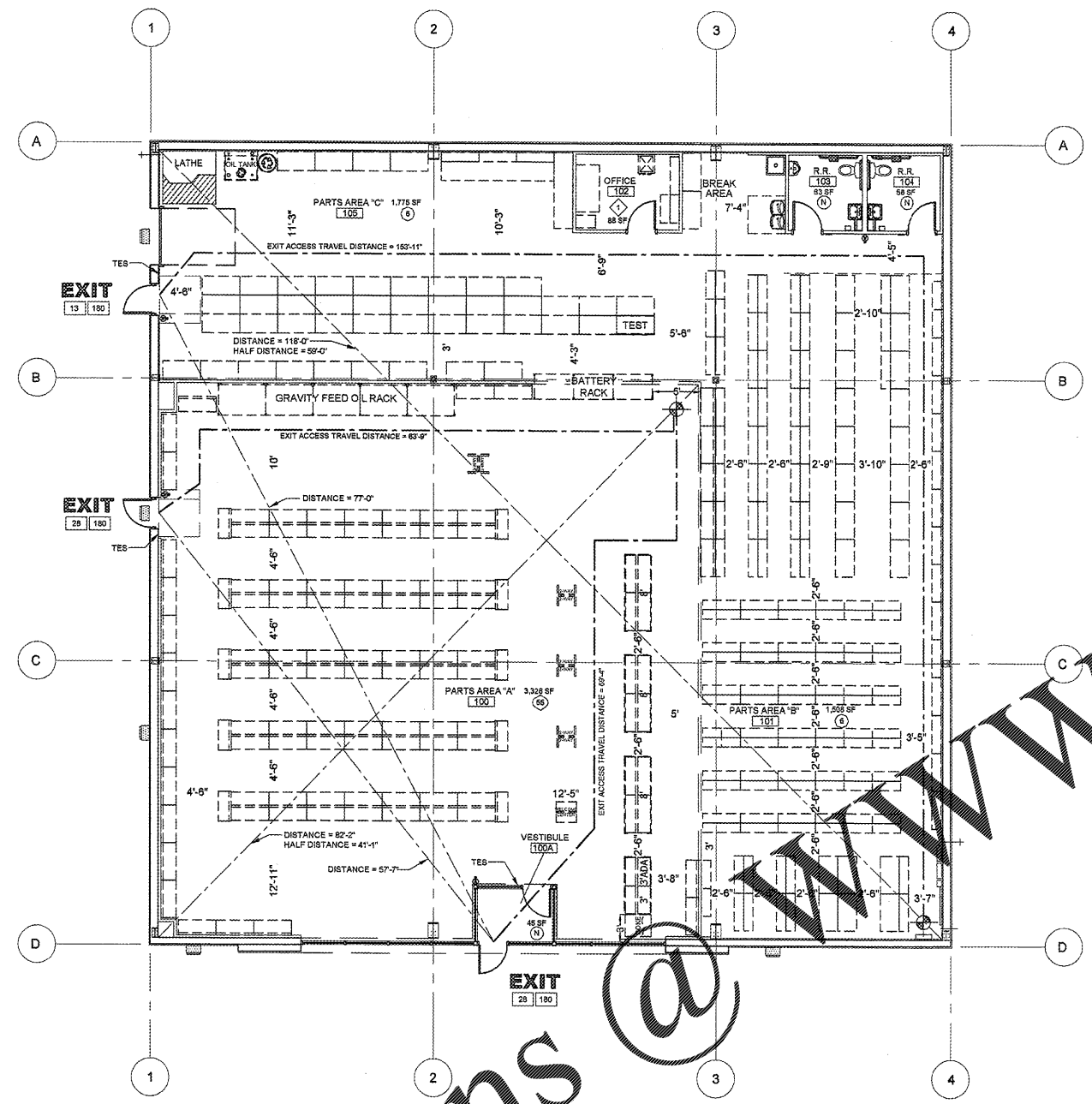


1 CODE SUMMARY PLAN
G1.1 SCALE: 1/8" = 1'-0"



BUILDING CODE

BUILDING OFFICIAL CONTACT NUMBER: (336) 591-4809
 COUNTY: STOKES
 ZIP CODE: 27052

GOVERNING CODES AND ORDINANCES
 BUILDING CODE: 2018 NCBC
 PLUMBING CODE: 2018 NCPD
 MECHANICAL CODE: 2018 NCMC
 ELECTRICAL CODE: 2017 NCEC
 FIRE CODE: 2018 NCFD
 ENERGY CODE: 2018 NCECC
 ACCESSIBILITY CODE: 2018 NCBC
 AMENDING ORDINANCE: CODE OF WALNUT COVE, NC

USE GROUP & CONSTRUCTION TYPE
 PRIMARY USE GROUP: M (MERCANTILE)
 CONSTRUCTION TYPE: II-B
 (NON-COMBUSTIBLE / UNPROTECTED)

AREA MODIFICATIONS
 FRONTAGE INCREASE: NOT APPLIED
 AUTOMATIC SPRINKLER INCREASE: NOT PROVIDED

ALLOWABLE HEIGHT & BUILDING AREA
 NO. STORIES: 2 STORIES
 AREA: 12,500 S.F.

ACTUAL HEIGHT & BUILDING AREA
 NO. OF STORIES: 1 STORY
 BUILDING HEIGHT: 17'-8"
 GROSS BUILDING AREA: 7,225 S.F.

FIRE PROTECTION SYSTEMS
 AUTOMATIC SPRINKLER SYSTEM: NOT REQUIRED
 PORTABLE FIRE EXTINGUISHERS: REQUIRED
 FIRE ALARM SYSTEM: NOT REQUIRED
 AUTOMATIC DETECTION SYSTEM: NOT REQUIRED

STRUCTURAL DESIGN
 (REFER TO STRUCTURAL DRAWINGS)

1. LIVE LOADS
 ROOF (1/4"12): 20 PSF (REDUCIBLE)

2. ROOF COLLATERAL LOADS
 A. ARCHITECTURAL / MECHANICAL: 2.5 PSF
 B. SUSPENDED ACOUSTICAL CEILING SYSTEM LOAD (WHERE OCCURS): 2.0 PSF
 C. SPRINKLER SYSTEM
 UNIFORM BRANCH PIPE LOAD: 0.0 PSF
 LINEAL LOOP / TEE MAIN PIPE LOAD: 0.0 PLF

3. SNOW LOADS $C_e = 1.0$ $C_t = 1.0$
 GROUND LOAD (Pg): 20 PSF
 MINIMUM ROOF SNOW LOAD (Pf): 20 PSF
 IMPORTANCE FACTOR (Is): 1.0

4. WIND LOADS $G_Cp_i = \pm 0.18$
 BASIC WIND SPEED: $V_{at} = 115$ MPH
 $V_{ad} = 89.1$ MPH
 EXPOSURE: C

5. SEISMIC
 Ss: 0.176
 S1: 0.082
 Sds: 0.188
 Sd1: 0.131
 IMPORTANCE FACTOR (Ie): 1.0
 SITE CLASS: D
 DESIGN CATEGORY: B

6. BUILDING LATERAL DEFLECTION LIMITS:
 (REFERENCE CODE DEFLECTION LIMITS, WHERE MORE STRINGENT CODE DEFLECTION LIMITS APPLY, THEY SHALL SUPERSEDE THE FOLLOWING)
 MAX. ROOF SNOW OR LIVE LOAD DEFLECT.: SPAN/240
 MAX. ROOF TOTAL LOAD DEFLECT.: SPAN/180

COMMERCIAL ENERGY EFFICIENCY CODE
 COMPLIANCE WITH BUILDING ENERGY EFFICIENCY REQUIREMENTS BASED UPON APPLICABLE ENERGY CODE (PERFORMANCE METHOD).

CERTIFICATE OF COMPLIANCE AND CALCULATIONS TO BE PROVIDED UPON REQUEST UNDER SEPARATE COVER.

GENERAL NOTES

- (A) REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- (B) REFER TO PLANS, SECTIONS, AND DETAILS FOR CONSTRUCTION OF FIRE RATED ASSEMBLIES. WHERE UNDERWRITERS LABORATORY (UL) TEST NUMBERS ARE REFERENCED, CONTRACTOR SHALL PROVIDE CONSTRUCTION MATERIALS, MEANS AND METHODS TO COMPLY WITH TESTED ASSEMBLY.
- (C) REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- (D) OWNER FURNISHED AND INSTALLED FURNISHINGS AND FIXTURES SHOWN FOR REFERENCE ONLY.
- (E) CONTRACTOR TO PROVIDE PORTABLE FIRE EXTINGUISHERS DURING CONSTRUCTION. CONTRACTOR TO PROTECT THE WORK AREA AND EACH STORAGE UNIT AND JOB TRAILER PER THE FIRE CODE.
- (F) SURFACE MOUNTED PORTABLE FIRE EXTINGUISHERS SHALL BE UL LISTED ABC TYPE WITH 10 LB. CAPACITY. REFER TO DETAIL 10/A4.2 FOR TYPICAL MOUNTING REQUIREMENTS.
- (G) EXIT DISCHARGE DOORS, PROVIDE TACTILE EXIT SIGNS STATING "EXIT" WITH BRaille LETTERING, SIGN AND MOUNTING TO COMPLY WITH ASISI A117.1. REFER TO FLOOR PLAN FOR LOCATIONS.

SYMBOLS LEGEND

- ROOM SQUARE FOOTAGE
 - DESIGN OCCUPANT LOAD SERVED BY EXIT:
 MAXIMUM ALLOWABLE CAPACITY (EXAMPLE: 36' / 2' = 180)
 - OCCUPANT LOAD SERVED BY EXIT BUT NOT COUNTED IN TOTAL OCCUPANT LOAD
 - ROOM OCCUPANT LOAD AT 60 SQ. FT. GROSS PER PERSON
 - ROOM OCCUPANT LOAD AT 100 SQ. FT. GROSS PER PERSON
 - ROOM OCCUPANT LOAD AT 300 SQ. FT. GROSS PER PERSON
 - FIRE EXTINGUISHER (SURFACE MOUNTED)
 - LOCATION OF TACTILE EXIT SIGNAGE
 - EGRESS TRAVEL PATH STARTING POINT
 - EXIT ACCESS TRAVEL DISTANCE (LENGTH IN FEET)
 - CLEAR FLOOR AREA (EXIT DOOR AND / OR FIRE EXTINGUISHER)
 - EXTERIOR LIGHTING FIXTURE
- REFER TO LIGHTING PLAN FOR EMERGENCY EXIT LIGHTING LOCATIONS

PLUMBING FIXTURE SUMMARY

GENERAL
 NCPD TABLE 403.1
 PRIMARY OCCUPANCY: (M) MERCANTILE
 TOTAL OCCUPANCY: 68

OCCUPANCY LOAD CALCULATED PER SEX:
 FEMALE: 68 / 2 = 34
 MALE: 68 / 2 = 34

PLUMBING FIXTURES
 WATER CLOSETS (URINALS): 1 PER 500
 REQUIRED FOR FEMALE: 34/500 = 1
 PROVIDED FOR FEMALE: 1
 REQUIRED FOR MALE: 34/500 = 1
 PROVIDED FOR MALE: 1 AND 1 URINAL

LAVATORIES:
 REQUIRED FOR FEMALE: 1 PER 750
 PROVIDED FOR FEMALE: 34/750 = 1
 1
 REQUIRED FOR MALE: 34/750 = 1
 PROVIDED FOR MALE: 1

DRINKING FOUNTAINS:
 REQUIRED: 1 PER 1,000
 PROVIDED: 68/1000 = 1
 2

SERVICE SINK REQUIRED: 1
 SERVICE SINK PROVIDED: 1

PROJECT DATA

REAL ESTATE	
PROPERTY GROSS AREA:	60,000 GSF
SITE	
PARKING GROSS AREA:	15,488 GSF
BUILDING	
BUILDING GROSS AREA:	7,225 GSF
BUILDING INTERIOR AREA:	6,965 S.F.

HAZARDOUS MATERIALS INVENTORY STATEMENT (HMIS)

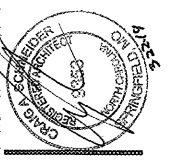
- (A) UPON REQUEST OWNER TO PROVIDE UNDER SEPARATE COVER, PROJECT HAZARDOUS MATERIALS INVENTORY STATEMENT (HMIS) FOR COMMODITY TYPES, HAZARD CLASS, AND QUANTITIES.
- (B) OWNER RESPONSIBLE FOR MONITORING INVENTORY COMMODITY TYPES AND QUANTITIES TO NOT EXCEED CODE REQUIREMENTS.

OCCUPANCY LOAD SUMMARY

ROOM OR AREA (REFER TO FLOOR PLAN)	AREA PER OCCUPANT(S.F.)	OCCUPANTS (QTY.)
100 - PARTS AREA "A"	60	55
100A - VESTIBULE	N/A	0
101 - PARTS AREA "B"	300	6
102 - OFFICE	100	1
103 - RESTROOM	N/A	0
104 - RESTROOM	N/A	0
105 - PARTS AREA "C"	300	6
TOTAL OCCUPANCY		68

Order Plans @

WWW.LIVELINE



CRIG A. SCHNEIDER, AIA
 ARCHITECT
 417.862.0558
 417.862.3265
 417.862.3265
 e-mail: architect@estetschneider.com

PROJECT:
NEW O'REILLY AUTO PARTS STORE
 N. MAIN ST.
 WALNUT COVE, NC
CODE SUMMARY PLAN

O'Reilly AUTO PARTS
 CORPORATE OFFICES
 233 SOUTH PATTERSON
 SPRINGFIELD, MISSOURI 65804
 (417) 862-2674 TELEPHONE

COMM # 4300
 DATE: 3-22-19
 REVISION
 DATE: