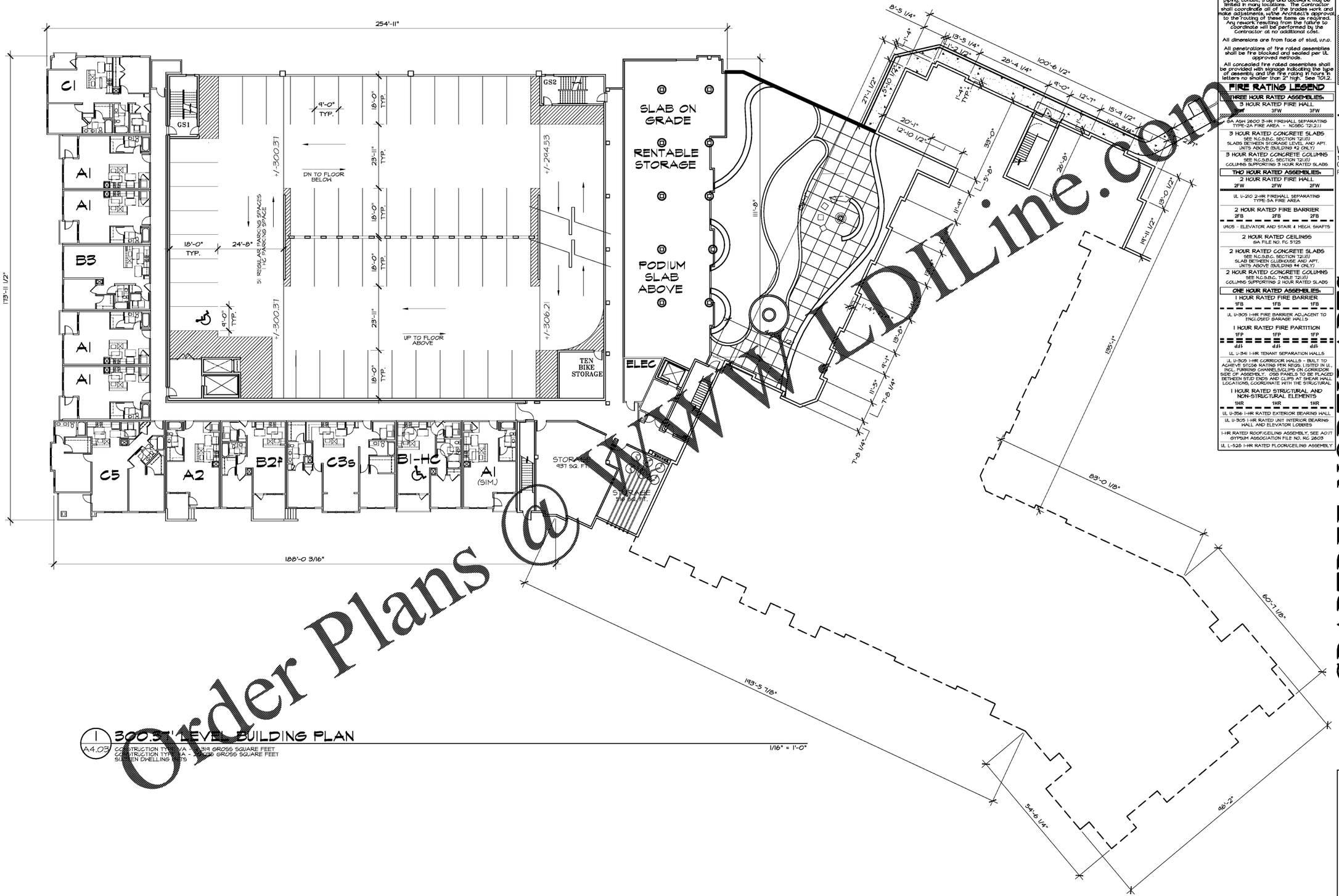

1 A4.03 **300.37' LEVEL BUILDING PLAN**

CONSTRUCTION TYPE IIA - 2,319 GROSS SQUARE FEET
CONSTRUCTION TYPE VA - 22,436 GROSS SQUARE FEET
SIXTEEN DWELLING UNITS

1/16" = 1'-0"

GENERAL NOTES

The Architectural drawings must be used in conjuction with the Civil, Structural, MEP, Fire Protection drawings and specifications. The Contractor is responsible for all coordination between the drawings. Discrepancies should be brought to the attention of the architect.

The Contractor is advised that the available space for routing all electrical, mechanical, plumbing, fire protection and communications piping, conduit, trays and ductwork may be limited in many locations. The Contractor shall coordinate all of the trades work and make adjustments, w/the Architect's approval, to the routing of these items as required. Any rework resulting from the failure to coordinate will be performed by the Contractor at no additional cost.

All dimensions are from face of stud, u.n.o.

All penetrations of fire rated assemblies shall be fire blocked and sealed per UL approved methods.

All concealed fire rated assemblies shall be provided with signage indicating the type of assembly and the fire rating in h'ong h letters no smaller than 2" high. See 1012.

FIRE RATING LEGEND

THREE HOUR RATED ASSEMBLIES:

3 HOUR RATED FIRE WALL
3FW 3FW
GA ASH 26.00 3-HR FIREWALL SEPARATING TYPE-2A FIRE AREA - NCSBC 721.2.1.1

3 HOUR RATED CONCRETE SLABS
SEE N.C.S.B.C. SECTION 721.6.1
SLABS BETWEEN STORAGE LEVEL AND APT. UNITS ABOVE (BUILDING #2 ONLY)

3 HOUR RATED CONCRETE COLUMNS
SEE N.C.S.B.C. SECTION 721.6.1
COLUMNS SUPPORTING 3 HOUR RATED SLABS

TWO HOUR RATED ASSEMBLIES:

2 HOUR RATED FIRE WALL
2FW 2FW 2FW
UL U-210 2-HR FIREWALL SEPARATING TYPE-5A FIRE AREA

2 HOUR RATED FIRE BARRIER
2FB 2FB 2FB
URCS - ELEVATOR AND STAIR & MECH. SHAFTS

2 HOUR RATED CEILINGS
GA FILE NO. FC 5125

2 HOUR RATED CONCRETE SLABS
SEE N.C.S.B.C. SECTION 721.6.1
SLAB BETWEEN CLUBHOUSE AND APT. UNITS ABOVE (BUILDING #4 ONLY)

2 HOUR RATED CONCRETE COLUMNS
SEE N.C.S.B.C. TABLE 721.6.1
COLUMNS SUPPORTING 2 HOUR RATED SLABS

ONE HOUR RATED ASSEMBLIES:

1 HOUR RATED FIRE BARRIER
1FB 1FB 1FB
UL U-305 1-HR FIRE BARRIER ADJACENT TO ENCLOSED GARAGE HALLS

1 HOUR RATED FIRE PARTITION
1FP 1FP 1FP
dd1 dd1 dd1
UL U-341 1-HR TENANT SEPARATION HALLS

UL U-305 1-HR CORRIDOR HALLS - BUILT TO ACHIEVE STC36 RATING PER REQS, LISTED IN UL INCL. FURRING CHANNELS/CLIPS ON CORRIDOR SIDE OF ASSEMBLY. OSB PANELS TO BE PLACED BETWEEN STUD ENDS AND CLIPS AT SHEAR WALL LOCATIONS, COORDINATE WITH THE STRUCTURAL

1 HOUR RATED STRUCTURAL AND NON-STRUCTURAL ELEMENTS
1HR 1HR 1HR
UL U-356 1-HR RATED EXTERIOR BEARING WALL
UL U-305 1-HR RATED UNIT INTERIOR BEARING WALL AND ELEVATOR LOBBIES
1-HR RATED ROOF/CEILING ASSEMBLY, SEE A01.1
GYPSUM ASSOCIATION FILE NO. RG 2603
UL L-526 1-HR RATED FLOOR/CEILING ASSEMBLY

WLA
WATTS LEAF ARCHITECTS, PA
101 North McDowell Street Suite 112
Charlotte, North Carolina 28204
PH 704 376 1200 FX 704 376 5111

CRABTREE NORTH APTS.

2251 Charles Drive
Raleigh, North Carolina
EYC COMPANIES

PROJECT	1915
DATE	31JAN20
DRAWN BY	WJP
CHECKED BY	CMW

300.37' LEVEL BUILDING PLAN

A4.03

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