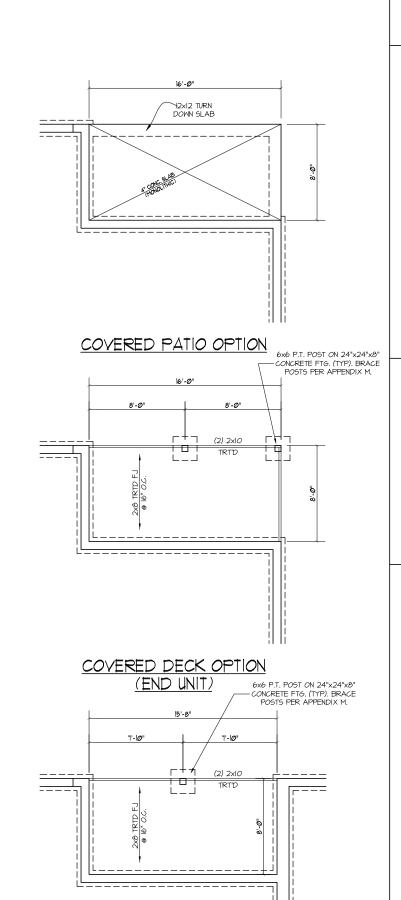




STRUCTURAL DESIGN BY:
SOUTHERN ENGINEERS, P.A.
3716 BENSON DRIVE RALEIGH, NC 27609
LICENSE: C-4772, PHONE: 919-878-1617
PROJECT #: 21-2694 (LOTS 15-20)
• Engineers seal applies only to structural components on this document. Seal does not include construction means, methods, techniques, sequences, procedures or safety precautions.
• Any deviations or discrepancies on plans are to be brought to the immediate attention of Southern Engineer's liability.
• Seal is valid for a project permitted within one year from date of seal.
• Use of these plans constitutes approval of terms and conditions as defined in the customer agreement.

 Use of these plans constitutes approval of term and conditions as defined in the customer agree REFER TO "SD" SHEET(S) FOR STANDARD DETAILS, BRACING DETAILS AND STRUCTURAL NOTES.



COVERED DECK OPTION (INTERIOR UNIT)

PER UNIT CALCULATIONS

> CLOSED CRAWL SPACE VENTILATION METHODS

(SEE REFERENCED SECTIONS IN CODE BOOK FOR DETAILED INSTRUCTIONS)

(R4095)) DELMIDIFIER
A PERMARNITY INSTALLED DELMIDIFIER SHALL BE PROVIDED IN THE
CRAWL SPACE WITH THE MINIMUM RATED CAPACITY OF IS PINTS PER DAY.

(R40952) SUPPLY AIR

1033 SQ. FT. / 30 = 34 CPM

(R4Ø353) HOUSE AIR | Ø33 | 50, Ft. / 50 = | 22 | CFM | (R4Ø354) EXHAUST FAN | Ø33 | 50, Ft. / 50 = | 22 | CFM |

(R40935) CONDITIONED SPACE THE CRAINL SPACE SHALL BE DESIGNED AS A HEATED AND COOLED, CONDITIONED SPACE WITH WALL INSULATION INSTALLED AS PER THE REQUIREMENTS OF SECTION R4092B.

2) DIMENSIONS ARE TO EXTERIOR OF FOUNDATION.

1) SEE SHEET D-1 FOR DETAILS.

RIDGE DRIVE

David D Grorud (919) 601-1406

<u>DynamicDesignGroup@gmail.com</u> <u>www.DynamicDesignGroupInc.com</u>

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to the named client or contractor for a conditional one time use. The conditional use is limited to the lot and subdivision specified herein, and only for said location. COPYRIGHT 2021

Contractor shall verify all conditions and

dimensions prior to construction. Any error or omissions shall be reported to Dynamic Design Group for corrections or justification Once construction has commenced, the contractor shall assume all responsibility.

Dimensions govern over scale, code governs

LOCATION: SPRING LAKE, NC

SUBDIVISION: HAWK RIDGE DR.

CAPITOL PROJECT FOR: CITY HOMES

over dimensions.

LOT: 20R-15R

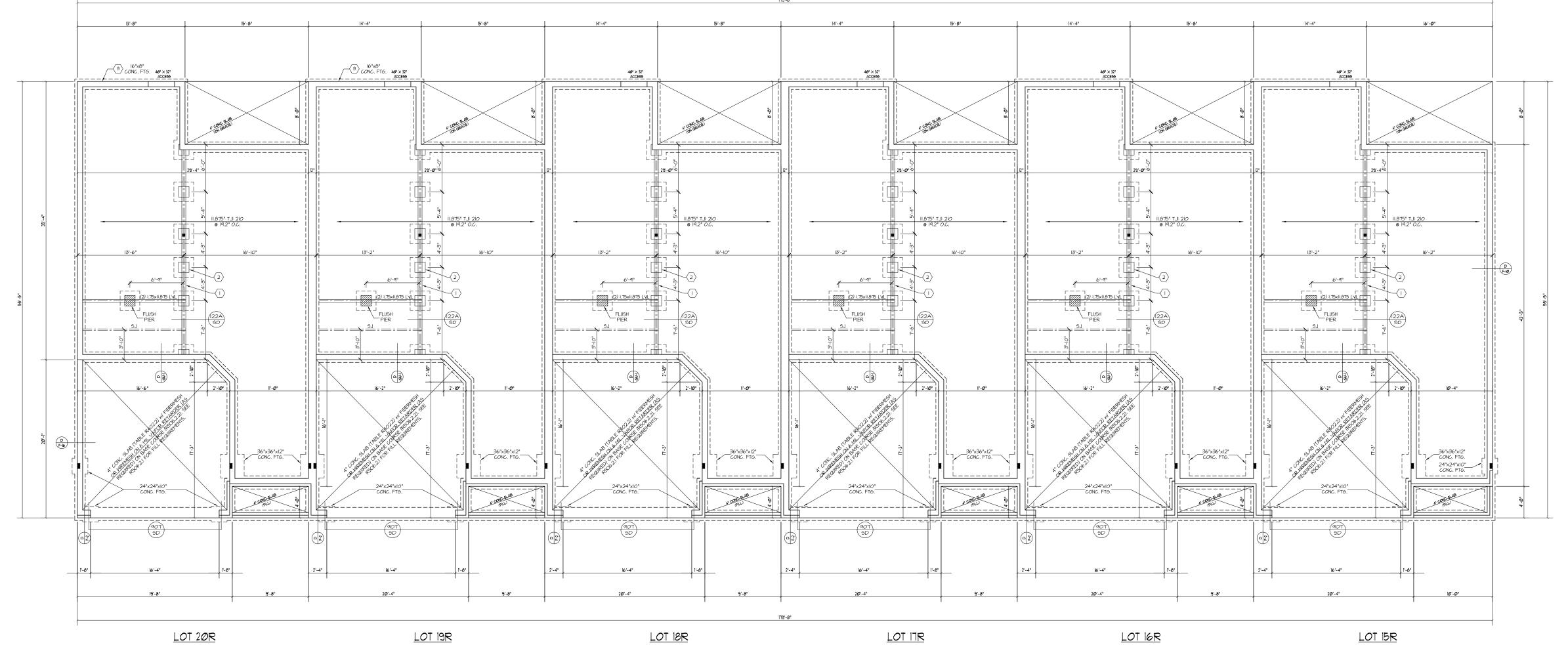
COUNTY: HARNETT

of Dynamic Design Group and are offered

PLAN NAME

BUILDING

S-1



WITH 30" x 30" x 10" CONCRETE FOOTING

WALL FOOTING AS FOLLOWS

DEPTH: 8" - UP TO 2 STORY

10" - 3 STORY

WIDTH:

2000 PSF. CONTRACTOR MUST VERIFY SITE
CONDITIONS AND CONTACT SOILS ENGINEER IF
MARGINAL OR UNSTABLE SOILS ARE ENCOUNTERED.

(4) (4) 2xIO SPF #2 OR SYP #2 GIRDER

(5) (2) 1.75x4.25 LVL OR LSL GIRDER

(5) (2) 1.75x4.25 LVL OR L9L GIRDER

(6) (3) 1.75x4.25 LVL OR L9L GIRDER

7. "■" DESIGNATES A SIGNIFICANT POINT LOAD TO HAVE SOLID BLOCKING TO PIER. SOLID BLOCK ALL BEAM BEARING POINTS NOTED TO HAVE THREE OR MORE STUDS TO FND, TYPICAL.

8. ABBREVIATIONS:

"5.J" = SINGLE JOIST

"D.J" = DOUBLE JOIST

"T.J" = TRIPLE JOIST

9. ADJUST SUBFLOOR THICKNESS OR JOIST SPACING AS REQ'D FOR FLOOR FINISH MATERIALS.

NOTE: ASSUMED SOIL BEARING CAPACITY = 2000 PSF CONTRACTOR MUST VERIFY SITE CONDITIONS AND CONTACT SOILS ENGINEER IF MARGINAL OR UNSTABLE SOILS ARE ENCOUNTERED