

LIGHT GAGE FRAMING - CROSS REFERENCE GUIDE

MIL THICKNESS - GAGE NUMBER CROSS REFERENCE

| | |
|---------------------|---------------------|
| 25 GA. ----- 18 MIL | |
| 22 GA. ----- 27 MIL | 16 GA. ----- 54 MIL |
| 20 GA. ----- 33 MIL | 14 GA. ----- 68 MIL |
| 18 GA. ----- 43 MIL | 12 GA. ----- 97 MIL |

EXAMPLE CROSS REFERENCE:

3 5/8", 18 GA STRUCTURAL METAL STUD = 362 S 162 = 43 METAL STUD
STUD (S=STUD) FLANGE STUD
DEPTH (T=TRACK) WIDTH THICKNESS
=3 5/8" =1 1/2" =43 MIL (18 GA.)
=3 5/8" =1 5/8"

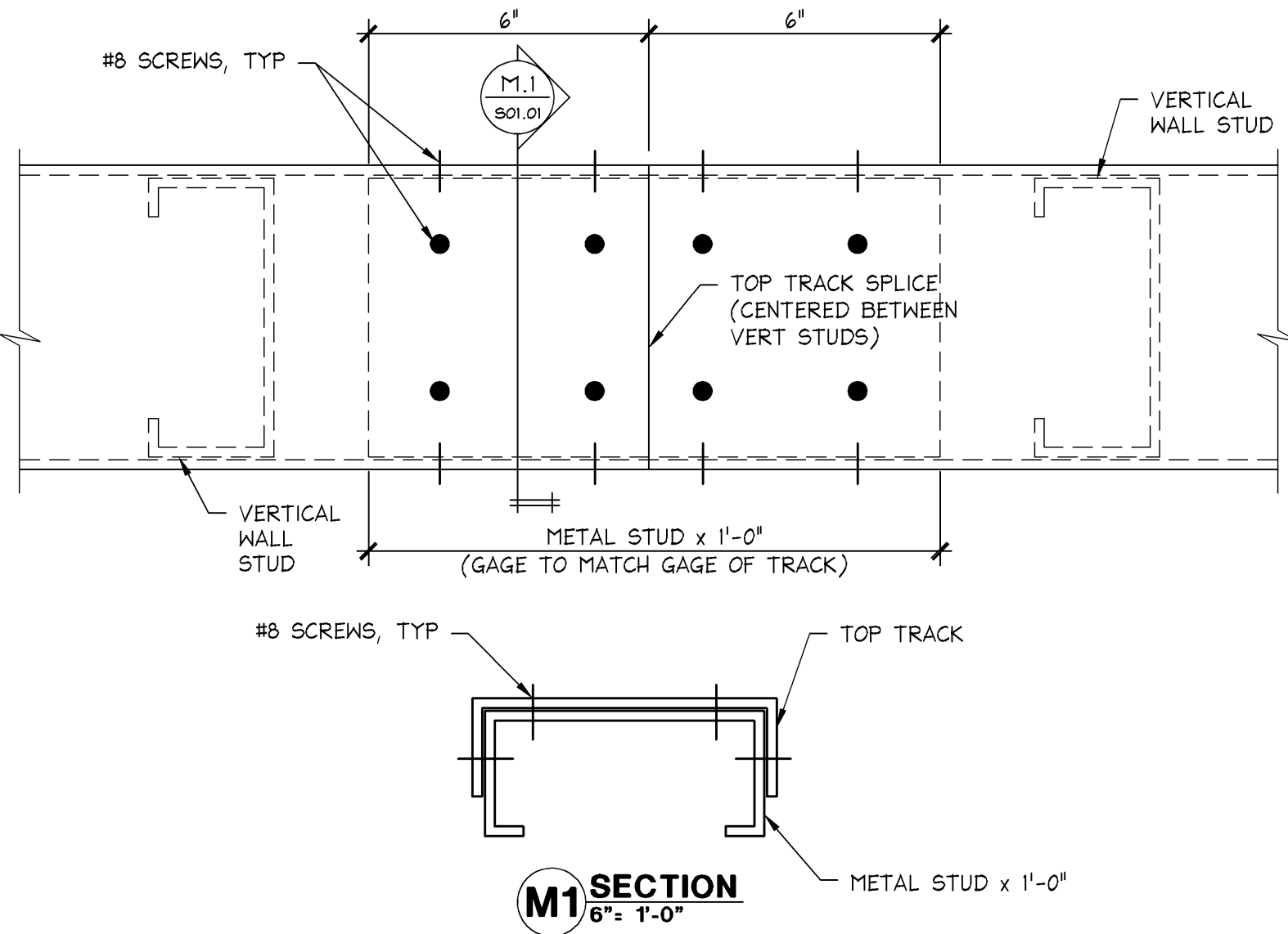
TYPICAL STRUCTURAL STUDS AND TRACKS

| FORMER STANDARD DESIGNATION | NEW SSMA DESIGNATION (STEEL STUD MANUFACTURERS ASSOCIATION) |
|--|--|
| 2 1/2", 20 GA. STUD w/ 1 5/8" FLANGE | 250S162-33 |
| 2 1/2", 18 GA. STUD w/ 1 5/8" FLANGE | 250S162-43 |
| 3 5/8", 20 GA. STUD w/ 1 5/8" FLANGE | 362S162-33 |
| 3 5/8", 18 GA. STUD w/ 1 5/8" FLANGE | 362S162-43 |
| 6", 20 GA. STUD w/ 1 5/8" FLANGE | 600S162-33 |
| 6", 18 GA. STUD w/ 1 5/8" FLANGE | 600S162-43 |
| 8", 18 GA. STUD w/ 1 5/8" FLANGE | 800S162-43 |
| 8", 16 GA. STUD w/ 1 5/8" FLANGE | 800S162-54 |
| 10", 18 GA. STUD w/ 1 5/8" FLANGE | 1000S162-43 |
| 10", 16 GA. STUD w/ 1 5/8" FLANGE | 1000S162-54 |
| 12", 16 GA. STUD w/ 1 5/8" FLANGE | 1200S162-54 |
| 12", 12 GA. STUD w/ 1 5/8" FLANGE | 1200S162-97 |
| 1 5/8", 22 GA. TRACK w/ 1 1/4" LEG | 162T125-27 |
| 1 5/8", 20 GA. TRACK w/ 1 1/4" LEG | 162T125-33 |
| 2 1/2", 20 GA. TRACK w/ 1 1/4" LEG | 250T125-33 |
| 2 1/2", 20 GA. TRACK w/ 2" LEG | 250T200-33 |
| 2 1/2", 18 GA. TRACK w/ 1 1/4" LEG | 250T125-43 |
| 2 1/2", 18 GA. TRACK w/ 2" LEG | 250T200-43 |
| 3 5/8", 20 GA. TRACK w/ 1 1/4" LEG | 362T125-33 |
| 3 5/8", 20 GA. TRACK w/ 2" LEG | 362T200-33 |
| 3 5/8", 18 GA. TRACK w/ 1 1/4" LEG | 362T125-43 |
| 3 5/8", 18 GA. TRACK w/ 2" LEG | 362T200-43 |
| 6", 20 GA. TRACK w/ 1 1/4" LEG | 600T125-33 |
| 6", 20 GA. TRACK w/ 2" LEG | 600T200-33 |
| 6", 18 GA. TRACK w/ 1 1/4" LEG | 600T125-43 |
| 6", 18 GA. TRACK w/ 2" LEG | 600T200-43 |
| DRYWALL STUDS FOR SEISMIC DESIGN CATEGORIES A & B ONLY | |
| 3 5/8", 20 GA. STUD w/ 1 1/4" FLANGE | 362S125-30 |
| 3 5/8", 20 GA. TRACK w/ 1" FLANGE | 362T100-30 |
| 6", 20 GA. STUD w/ 1 1/4" FLANGE | 600S125-30 |
| 6", 20 GA. STUD w/ 1" FLANGE | 600T100-30 |
| TYPICAL HAT (FURRING) CHANNELS | |
| 7/8", 25 GA. FURRING CHANNEL | 087F125-18 |
| 7/8", 22 GA. FURRING CHANNEL | 087F125-27 |

LIGHT GAGE FRAMING SCREW CONNECTIONS

UNLESS NOTED, LIGHT GAGE FRAMING CONNECTIONS SHALL BE MADE USING #8 SCREWS. SEE DETAIL A/503.01 FOR DIAGONAL BRACING CONNECTIONS.

AT LOCATIONS WHERE SHEATHING MATERIAL IS PLACED AGAINST THE SCREW HEADS OF LIGHTGAGE METAL FRAMING CONNECTIONS, PANCAKE HEAD SCREWS SHALL BE USED SO THAT THE SHEATHING MATERIAL REMAINS STRAIGHT AND SMOOTH.



TOP TRACK SPLICE

CODED NOTES:

- DBL 6" DP, --- GA BEAM WITH 3 5/8", --- GA TRACK TOP & BOTTOM
- NOT USED
- DBL 12" DP, 16 GA BEAM WITH 3 5/8", 16 GA TRACK TOP & BOTTOM
- NOT USED
- BUILT-UP BOX COLUMN - DBL 3 5/8" DP, 20 GA STUDS WITH 3 5/8", 20 GA TRACK, EA SIDE. ATTACH BOX COLUMN TO COLUMN AND BRACE COLUMN PER DETAIL K/502.01.
- BUILT-UP BOX COLUMN - DBL 3 5/8" DP, 20 GA STUDS WITH 3 5/8", 20 GA TRACK, EA SIDE. ATTACH BOX COLUMN TO BEAM PER DETAIL C/503.01, UNLESS NOTED.

6" = 1'-0"

00D-S011-M00-DET

08.15.01

STRUCTURAL NOTES:

A. CONTROLLING BUILDING CODE: 2013 KENTUCKY BUILDING CODE SEISMIC DESIGN CATEGORY 'C'

B. EXISTING CONDITIONS

- IF EXISTING CONDITIONS ARE DIFFERENT THAN SHOWN, CONTACT STRUCTURAL ENGINEER BEFORE PROCEEDING WITH ANY WORK IN THAT AREA.
- REPAIR OF EXISTING FIREPROOFING- FOR ANY NEW CONNECTIONS WHICH REQUIRE THE TEMPORARY REMOVAL OF EXISTING FIREPROOFING, REMOVE FIREPROOFING AS REQUIRED TO INSTALL NEW MATERIALS AND (AFTER ANY REQUIRED INSPECTIONS) REPLACE FIREPROOFING TO ORIGINAL RATED CAPACITY.

C. LIGHT GAGE FRAMING (SEISMIC DESIGN CATEGORIES C, D, E & F)

- COLD FORMED STEEL FRAMING SHALL CONFORM TO REQUIREMENTS OF THE LATEST EDITION OF AISI "SPECIFICATION FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".
- ALL MEMBERS SHALL BE FORMED FROM CORROSION-RESISTANT STEEL MEETING ASTM A653-94, AND THEN ZINC COATED PER ASTM A525, GRADE G-90.
- ALL COLD FORMED MEMBERS SHALL COME FROM A SINGLE MANUFACTURER, "CLARK" OR EQUAL. THE INSTALLATION SHALL COMPLY WITH THE MANUFACTURER'S RECOMMENDATIONS.
- UNLESS NOTED, TRACK GAGE SHALL EQUAL STUD GAGE AND TRACK FLANGE WIDTH SHALL EQUAL 1 1/4". DEEP LEG TRACK WITH 2" FLANGE WIDTH SHALL BE USED WHERE NOTED ON DRAWINGS.
- SEE DETAIL R/501.01 FOR LIGHT GAGE METAL FRAMING DESIGNATIONS.
- BASE TRACKS SHALL BE SET ON SMOOTH AND LEVEL CONCRETE OR NON-SHRINK GROUT SUCH AS "MASTERFLOW 715" BY MASTER BUILDERS.

- FASTENING OF COMPONENTS SHALL BE WITH SELF-DRILLING CADMIUM PLATED OR ZINC COATED SCREWS (UNLESS NOTED). SCREWS SHALL BE OF SUFFICIENT SIZE TO ENSURE THE STRENGTH OF THE CONNECTION. SEE DETAIL R/501.01 FOR ADDITIONAL SCREW REQUIREMENTS.
- SPLICES IN FRAMING COMPONENTS OTHER THAN BOTTOM WALL TRACK ARE NOT PERMITTED.

- STUDS SHALL BE INSTALLED SO THE ENDS ARE POSITIONED AGAINST THE INSIDE OF THE RUNNER TRACK WEB PRIOR TO FASTENING AND SHALL BE ATTACHED TO BOTH FLANGES OF THE UPPER AND LOWER RUNNER TRACKS, WITH (1)-#8 SCREW IN EACH FLANGE OF EACH STUD, UNLESS NOTED.

D. CAST-IN-PLACE CONCRETE

- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS, WITH A WATER CEMENT RATIO = .50 (MAXIMUM). CONCRETE EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED AT 6% ± 1.5%.
- ALL REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A-615 GRADE 60.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 DELIVERED IN FLAT SHEETS.
- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH "THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" ACI 318-05.
- ALL REINFORCING DETAILS SHALL CONFORM TO "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" ACI 315-94, UNLESS DETAILED OTHERWISE ON THE STRUCTURAL DRAWINGS.

- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL OPENINGS, SLEEVES, ANCHOR BOLTS, INSERTS, ETC., AS REQUIRED BY OTHER TRADES BEFORE CONCRETE IS PLACED.
- THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT:

3"----CONCRETE CAST AGAINST & PERMANENTLY EXPOSED TO EARTH.

1-1/2"---CONCRETE EXPOSED TO EARTH OR WEATHER, #5 BAR & SMALLER.

LIGHT GAGE METAL FRAMING

(SEISMIC DESIGN CATEGORIES C, D, E & F)

-

05A-S011-R01-NOTE

R

08.15.01

CODED NOTES

(SEISMIC DESIGN CATEGORIES C, D, E & F)

-

-

L

09.24.02

STRUCTURAL SPECIFICATIONS

--

-

C

08.15.01

TABLE 1
STUD SIZE MATRIX FOR ALL INTERIOR PARTITIONS
EXCEPT AS NOTED IN TABLES 2 & 3

| SEISMIC DESIGN CATEGORY C. | | | | | |
|----------------------------|------------|--------------|------------|--------------|---|
| STUD DESIGNATION | STUD DEPTH | FLANGE WIDTH | STUD GAUGE | STUD SPACING | MAXIMUM WALL HEIGHT SPANNING FROM FLOOR TO DECK |
| 362S162-33 | 3 5/8" | 1 5/8" | 20 | 16" | 22'-0" |
| 362S162-43 | 3 5/8" | 1 5/8" | 18 | 16" | 25'-0" |
| 362S162-54 | 3 5/8" | 1 5/8" | 16 | 16" | 28'-0" |
| 600S162-33 | 6" | 1 5/8" | 20 | 16" | 30'-0" |
| 600S162-43 | 6" | 1 5/8" | 18 | 16" | 35'-0" |
| 600S162-54 | 6" | 1 5/8" | 16 | 16" | 38'-0" |
| | | | | | |
| | | | | | |

TABLE 2
STUD SIZE MATRIX FOR VSBEAUTY CABINET
AND PINK CABINET WALLS

SEISMIC DESIGN CATEGORY C.

FULL HEIGHT VERTICAL STUDS SHALL BE 3 5/8", 20 GA STUDS (WITH 1 5/8" FLANGE) @ 16" O.C. MAX. INSTALL DIAGONAL BRACING AT APPROXIMATELY 17'-8" A.F.F. AS SHOWN IN THESE SECTIONS

TABLE 3
STUD SIZE MATRIX FOR PARTITIONS THAT Laterally
SUPPORT FLOOR MOUNTED STOCKROOM SHELVING

SEISMIC DESIGN CATEGORY C.

SEE DRAWING S03.02

NOTE: FOR ALL THREE TABLES ABOVE, AT LOCATIONS WHERE SHELVING OCCURS ON EACH SIDE OF A SINGLE STUD WALL, REDUCE THE STUD SPACING SHOWN IN THE TABLES ABOVE BY ONE-HALF, AND REDUCE THE DIAGONAL SPACING SHOWN IN DETAIL A/503.01 BY ONE-HALF.

- NOTES:
- DESIGN BASED ON ALLOWABLE DEFLECTION OF L/200.
 - DESIGN BASED ON $F_y = 33$ KSI FOR 3 5/8" & 6" STUDS LESS THAN 16 GAUGE. $F_y = 50$ KSI FOR 3 5/8", 16 GAUGE.
 - PROVIDE HORIZONTAL BRIDGING PER DETAIL R/503.01
 - DESIGN BASED ON MINIMUM 5 PSF LATERAL LOAD, OR LATERAL SEISMIC LOAD, WHICHEVER CONTROLS.
 - TABLE IS VALID FOR UP TO (2) LAYERS OF 5/8" THK GYPSUM BOARD ON EACH SIDE OF METAL STUDS.

STUD SIZE MATRIX
(SEISMIC DESIGN CATEGORY C)

-

05A-S011-N02-NOTE

N

08.15.01

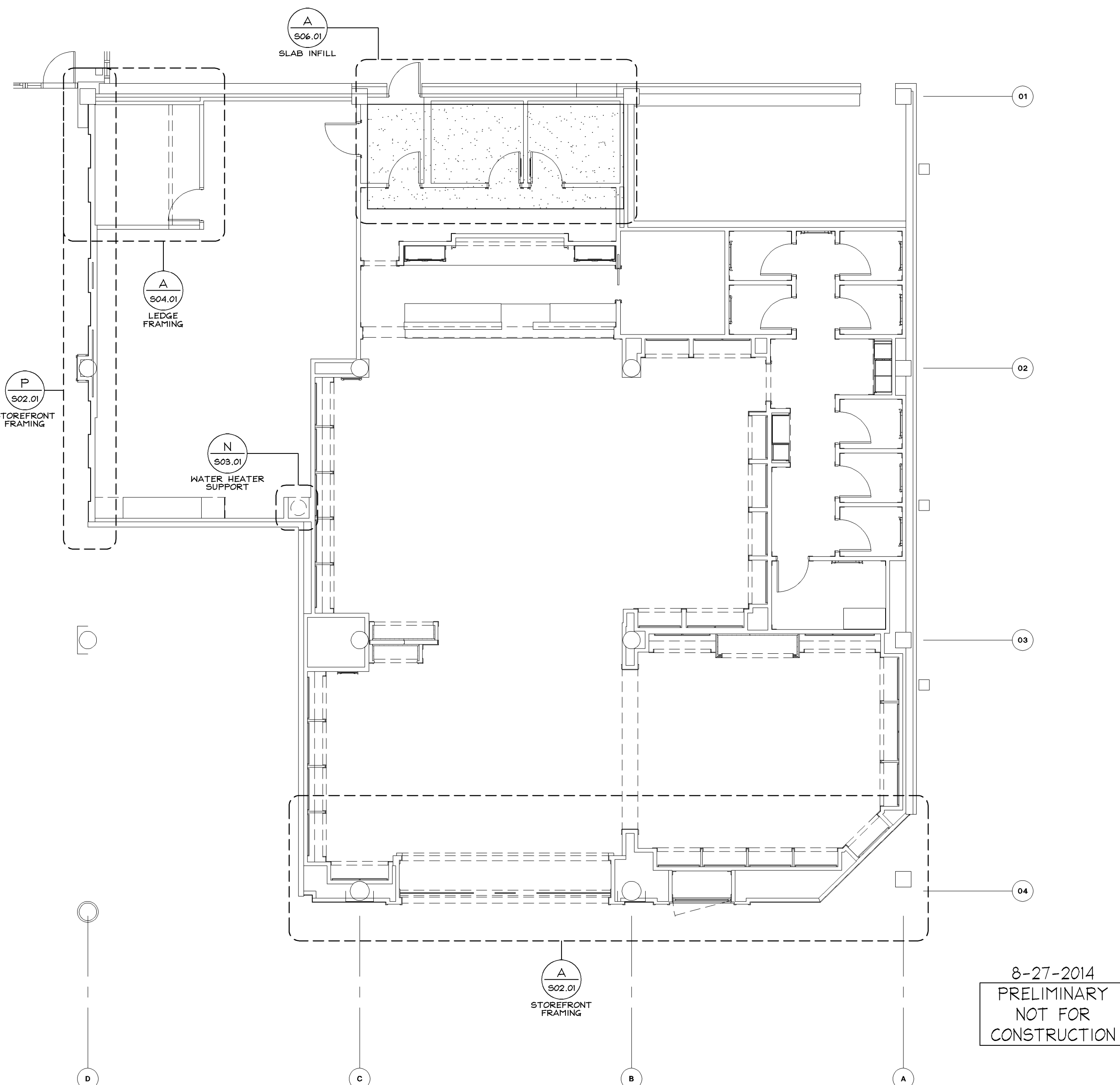
LOCATION PLAN

8-27-2014
PRELIMINARY
NOT FOR
CONSTRUCTION

1/8" = 1'-0"

-

09.24.02



PAUL J FORD AND COMPANY
250 EAST BROAD STREET
SUITE 600
COLUMBUS, OHIO 43215
614-221-6679
A65714-0018

Limited brands

LIMITED STORE PLANNING, INC.

d/b/a STORE DESIGN & CONSTRUCTION

Three Limited Parkway • Columbus, Ohio 43230

Telephone: 614.415.7000 • Fax: 614.415.7349

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF LIMITED BRANDS, INC. AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF LIMITED BRANDS, INC. THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF LIMITED BRANDS, INC. AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF LIMITED BRANDS, INC. THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF LIMITED BRANDS, INC. AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF LIMITED BRANDS, INC.

010501726

PINK VICTORIA'S SECRET

FAYETTE MALL
5401 NICHOLASVILLE RD
SUITE 100
LEXINGTON, KY 40503

NEW PACKAGE: 151S0
PINK GENERATION: 20140334
DESIGN TYPE: A/E PROJECT #:
SCOPE: 00062007

PROJECT INFORMATION:

REVISIONS:

ELITE CONSTRUCTION GROUP
LAKE JACKSON, TX
PHONE: 979-254-0712
NOTE: THESE PRINTS HAVE BEEN
REDUCED BY 50 PERCENT SCALE
WILL BE 50 PERCENT OF WHAT
NOTED ON PLANS

DATE ISSUED: 09-05-2014
DESIGNED BY: SLH
DRAWN BY: RLA
CHECKED BY: GDK

STRUCTURAL
SPECIFICATIONS
AND NOTES

DRAWING NUMBER:

S01.01