LIGHT GAGE FRAMING

MIL. THICKNESS - STRUCTURAL GAGE NUMBER CROSS REFERENCE

20 GA. ------ 33 MIL
18 GA. ------ 43 MIL
16 GA. ------ 54 MIL
14 GA. ------ 68 MIL
12 GA. ------ 97 MIL

EXAMPLE CROSS REFERENCE:

3 5/8", 18 GA STRUCTURAL METAL STUD = 362 S 162 - 43 METAL STUD

STUD DEPTH =3.625" =3 5/8" — (S=STUD) (T=TRACK) — FLANGE WIDTH =1.625" =1 5/8" — STUD THICKNESS =43 MIL (18 GA.)

SEE GENERAL NOTES FOR LOCATIONS WHERE NON-STRUCTURAL AND STRUCTURAL STUDS ARE TO BE USED. TABLES ABOVE ARE A REFERENCE GUIDE FOR STRUCTURAL STUDS ONLY.

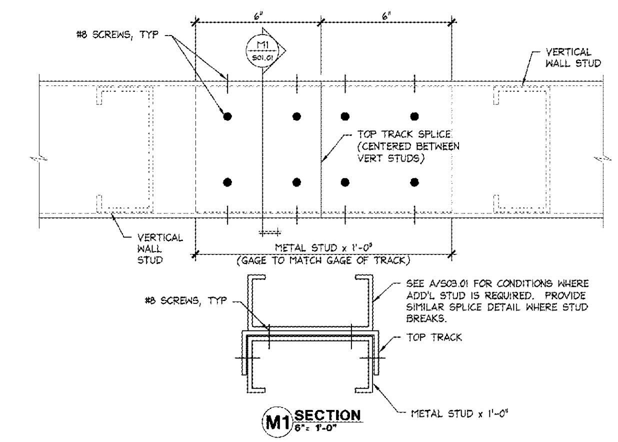
LIGHT GAGE FRAMING SCREW CONNECTIONS

UNLESS NOTED, LIGHT GAGE FRAMING CONNECTIONS SHALL BE MADE USING #8 SCREWS. SEE DETAIL A/S03.01 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.

SEISMIC DESIGN CATEGORIES A, B & C

LIGHT GAGE METAL FRAMING - NON-STRUCTURAL AND STRUCT STUDS — R — 02.01.16



M1 SECTION 6" = 1'-0"

TOP TRACK SPLICE STRUCT/NON-STRUCTURAL STUDS — 6"=1'-0" — 42DS011M2DETL — M

CODED NOTES:

1. NOT USED
2. NOT USED
3. DBL 10" DP, 18 GA BEAM WITH 3 5/8", 18 GA TRACK TOP & BOTTOM (#8 SCREW @ 12"c/c)
4. NOT USED
5. NOT USED
6. NOT USED
7. NOT USED
8. NOT USED
9. NOT USED
10. NOT USED
11. NOT USED
12. NOT USED
13. NOT USED
14. NOT USED
15. DOUBLE 3 5/8", 20 GA LINTEL WITH 3 5/8", 20 GA TRACK AT BOTTOM. SEE G/S03.01 FOR DETAILS AND ATTACHMENTS. (#8 SCREW @ 12"c/c)
16. BUILT-UP BOX COLUMN - DBL 3 5/8" DP, 20 GA STUDS WITH 3 5/8", 20 GA TRACK, EA SIDE. SEE H/S03.01 FOR BEAM CONNECTION AND BRACING. (#8 SCREW @ 12"c/c)
17. NOT USED

SEE DETAIL M/S03.02 FOR BOX BEAM STUD/ TRACK SPLICE DETAILS

CODED NOTES — L

STRUCTURAL NOTES:

A. CONTROLLING BUILDING CODE: 2012 NORTH CAROLINA BUILDING CODE
SEISMIC DESIGN CATEGORY C

B. STRUCTURAL COLD FORMED METAL FRAMING

1. ALL STOREFRONT FRAMING SHOWN IN STRUCTURAL SECTIONS (S02.01 DRAWINGS) AND AS NOTED STRUCTURAL SHALL CONFORM TO THE REQUIREMENT OF THIS SECTION.
2. COLD FORMED STEEL FRAMING SHALL CONFORM TO REQUIREMENTS OF THE CURRENT EDITION OF AISI "SPECIFICATION FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".
3. ALL MEMBERS SHALL BE FORMED FROM CORROSION-RESISTANT STEEL (GRADE 33 UNLESS OTHERWISE SPECIFIED) AND THEN ZINC COATED PER ASTM A653, GRADE G-60.
4. ALL COLD FORMED MEMBERS SHALL COME FROM A SINGLE MANUFACTURER, "CLARKDIETRICH" OR EQUAL. THE INSTALLATION SHALL COMPLY WITH THE MANUFACTURER'S RECOMMENDATIONS.
5. DESIGN BASED ON F_y = 33 KSI FOR MEMBERS 43 MILS AND LIGHTER. F_y = 50 KSI FOR MEMBERS 54 MILS AND HEAVIER.
6. ALL STOREFRONT FRAMING SHOWN IN THE STRUCTURAL SECTIONS SHALL HAVE 1 5/8" FLANGES AND WEB DEPTHS AS INDICATED ON THE DRAWINGS
7. TRACK BLOCKING IN WALLS AND CEILINGS SHOWN IN THE ARCHITECTURAL DRAWINGS SUCH AS F/A12.01, ETC. SHALL BE 18 GA (43 MIL) WITH 1 1/4" FLANGES
8. SEE SECTION L/S03.01 FOR DEEP LEG DEFLECTION TRACK DETAILS
9. BASE TRACKS SHALL BE SET ON SMOOTH AND LEVEL CONCRETE OR NON-SHRINK GROUT SUCH AS "MASTERFLOW 713" BY MASTER BUILDERS.
10. 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.
11. SEE DETAIL R/S01.01 FOR ADDITIONAL SCREW REQUIREMENTS.
12. SPLICES IN FRAMING COMPONENTS OTHER THAN BOTTOM WALL TRACK ARE NOT PERMITTED.
13. 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.
14. ATTACH BOTTOM TRACKS WITH 0.157" DIA POWDER ACTUATED FASTENERS (HILTI X-U, ICC ESR-2269 OR EQUIVALENT) AT 16" O.C., TYP U.N.

C. NON-STRUCTURAL COLD FORMED METAL FRAMING

1. ALL INTERIOR FRAMING NOT COVERED IN STRUCTURAL LIGHTGAGE FRAMING SECTION SHALL COMPLY WITH THIS SECTION.
2. COLD FORMED STEEL FRAMING SHALL CONFORM TO REQUIREMENTS OF THE CURRENT EDITION OF THE AMERICAN IRON AND STEEL INSTITUTE PUBLICATION "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL FRAMING - NONSTRUCTURAL MEMBERS", EXCEPT AS OTHERWISE SHOWN OR SPECIFIED.
3. FRAMING MEMBERS SHALL COMPLY WITH ASTM C 645 FOR CONDITIONS INDICATED. STEEL SHEET COMPONENTS SHALL COMPLY WITH ASTM C 645 AND PROTECTIVE COATING SHALL COMPLY WITH ASTM A 653 G40 OR HAVE A COATING THAT PROVIDES EQUIVALENT CORROSION RESISTANCE. A40 GALVANNEALED PRODUCTS ARE NOT ACCEPTABLE.
4. FRAMING SHALL HAVE A MINIMUM THICKNESS OF 0.019 INCHES (57 KSI MINIMUM YIELD STRENGTH) OR 0.030 INCHES (33 KSI MINIMUM YIELD STRENGTH).
5. FRAMING SHALL HAVE 1 1/4" FLANGES AND WEB DEPTHS INDICATED ON THE DRAWINGS.
6. FRAMING BASIS OF DESIGN: CLARKDIETRICH PROSTUD. MARINO WARE VIPER 20. 30 MIL, 33 KSI DRYWALL STUDS ARE ALSO ACCEPTABLE ALTERNATIVES. IF SUBSTITUTIONS ARE REQUESTED, THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVING THE SUBSTITUTION IS AT LEAST EQUIVALENT TO THE BASIS OF DESIGN. THIS INCLUDES SUBMITTING LOAD TABLES SHOWING THE SUBSTITUTED STUDS MEET OR EXCEED THE UNBRACED HEIGHTS GIVEN IN THE NON-COMPOSITE TABLES OF THE BASIS OF DESIGN STUDS AS WELL AS TESTING DATA THAT INDICATES SCREW CONNECTIONS FOR #8 SCREWS MEET OR EXCEEDS PUBLISHED VALUES OF THE BASIS OF DESIGN STUDS.
7. SEE SECTION L/S03.01 FOR DEEP LEG DEFLECTION TRACK DETAILS
8. BASE TRACKS SHALL BE SET ON SMOOTH AND LEVEL CONCRETE OR NON-SHRINK GROUT SUCH AS "MASTERFLOW 713" BY MASTER BUILDERS.
9. 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.
10. SEE DETAIL R/S01.01 FOR ADDITIONAL SCREW REQUIREMENTS.
11. SPLICES IN FRAMING COMPONENTS OTHER THAN TOP AND BOTTOM WALL TRACK ARE NOT PERMITTED. SEE DETAIL M/S01.01 FOR SPLICES IN TOP WALL TRACK.
12. ATTACH BOTTOM TRACKS WITH 0.157" DIA POWDER ACTUATED FASTENERS (HILTI X-U OR EQUIVALENT) AT 16" O.C., TYP U.N.
13. 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. STRUCTURAL STEEL

1. STRUCTURAL STEEL SHALL CONFORM TO THE AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", CURRENT EDITION.
2. WELDED CONNECTIONS SHALL CONFORM TO THE CURRENT REVISED CODE OF THE AMERICAN WELDING SOCIETY, AWS D1.01. WELDING ELECTRODES SHALL BE E70XX, LOW HYDROGEN.
3. BOLTS AND BOLTED CONNECTIONS SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS" CURRENT EDITION. SEE SECTIONS AND DETAILS FOR SPECIFIC CONNECTION REQUIREMENTS.
4. STRUCTURAL STEEL BEAMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A992, F_y = 50 KSI. STEEL TUBE SHALL CONFORM TO THE REQUIREMENTS OF ASTM A500, GRADE B, F_y = 46 KSI. STEEL PIPE SHALL CONFORM TO THE REQUIREMENTS OF ASTM A501, F_y = 36 KSI. ALL OTHER STEEL SHAPES, PLATES, ETC., SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36, F_y = 36 KSI.

STRUCTURAL SPECIFICATIONS — C — 02.01.16

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

STUDS FOR SEISMIC DESIGN CATEGORIES A, B & C ONLY

STUD DESIGNATION	STUD DEPTH	FLANGE WIDTH	MIN THICKNESS	STUD SPACING	MAX WALL HEIGHT SPANNING FROM FLOOR TO BRACING
3 5/8" NON-STRUCT STUD	3 5/8"	1 1/4"	0.019"	16"	13'-6"
6" NON-STRUCT STUD	6"	1 1/4"	0.030"	16"	19'-0"

TABLE 2
STUD SIZE MATRIX FOR UNIT 6 & UNIT 7 CABINET WALLS

SEISMIC DESIGN CATEGORIES A, B & C.

FULL HEIGHT VERTICAL STUDS SHALL BE 3 5/8", NON-STRUCTURAL STUDS (WITH 1 1/4" FLANGE) @ 16" O.C. MAX. INSTALL DIAGONAL BRACING AT APPROXIMATELY 11'-6" A.F.F. AS SHOWN IN THESE SECTIONS

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

SEISMIC DESIGN CATEGORIES A, B & C.

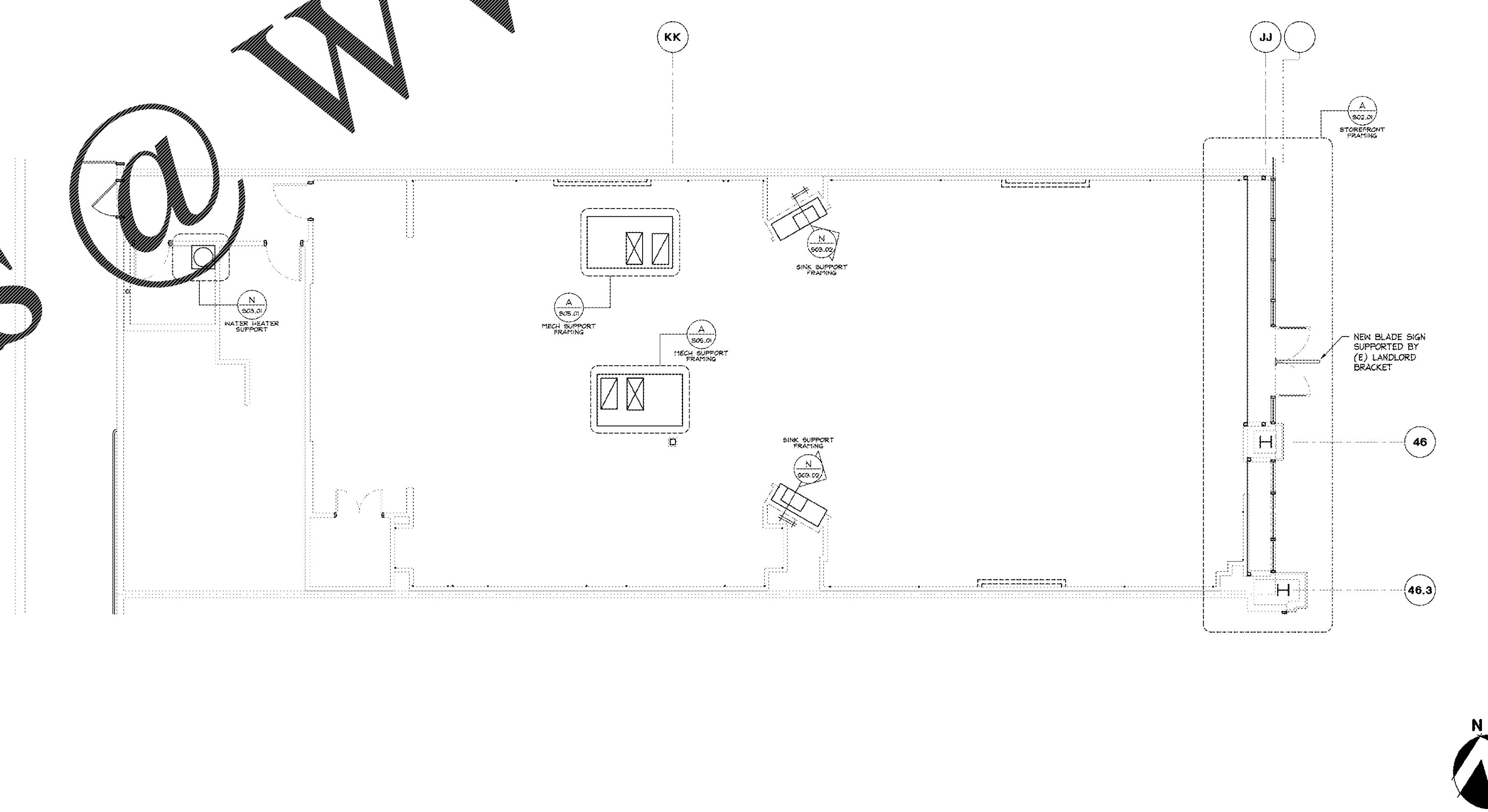
SEE DRAWING S03.02

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/S03.01 BY ONE-HALF.

NOTES:
1. DESIGN BASED ON ALLOWABLE DEFLECTION OF L/200.
2. PROVIDE HORIZONTAL BRIDGING @ [illegible] O.C. FOR FULL HEIGHT OF WALL PER DETAIL R/S03.01.
3. DESIGN BASED ON MINIMUM 5 PSF LATERAL LOAD, OR LATERAL SEISMIC LOAD, WHICHEVER CONTROLS.
4. TABLE IS VALID FOR UP TO (2) LAYERS OF 5/8" THK GYPSUM BOARD ON EACH SIDE OF METAL STUDS.
5. SEE A/S03.01 FOR DIAGONAL BRACING DETAILS.

SEISMIC DESIGN CATEGORIES A, B & C

STUD SIZE MATRIX - NON STRUCTURAL AND STRUCTURAL STUDS — N — 02.01.16



LOCATION PLAN — 3/16"=1'-0" — A

TBA Thorson • Baker + Associates CONSULTING ENGINEERS

Lbrands STORE DESIGN & CONSTRUCTION
Three Limited Parkway • Columbus, Ohio 43230
Telephone: 614.415.7009 • Fax: 614.415.7349

PROJECT INFORMATION: 104.01.2445.01

BATH & BODY WORKS
CHARLOTTE PREMIUM OUTLETS
5404 NEW FASHION WAY
SPACE NO. 240
CHARLOTTE, NC 28278

SCOPE:	NEW	PACKAGE:	SIS PKG 2
DESIGN TYPE:	BBW ES/WBC 2016	GENERATION:	181Sa.03
LSD&C PROJECT #:	00107078	A/E PROJECT #:	518512

REVISIONS:

ELITE CONSTRUCTION GROUP
LAKE JACKSON, TX
PHONE: 979-285-0712
NOTE: THESE PRINTS HAVE BEEN REDUCED BY 50 PERCENT. SCALE WILL BE 50 PERCENT OF WHAT IS NOTED ON PLANS

DATE ISSUED:	03/13/18
DESIGNED BY:	TBA
DRAWN BY:	TBA
CHECKED BY:	NES

STRUCTURAL SPECIFICATIONS AND NOTES

DRAWING NUMBER: **S01.01**