NOTE - "EQUIVALENT" STUDS THAT HAVE A THICKNESS LESS THAN SPECIFIED BELOW ARE NOT ACCEPTABLE. EXAMPLES INCLUDE CLARKDIETRICH PROSTUD20, PROSTUD 25; MARINOWARE VIPOR STUD; CRAICO SMARTFRAME.

LIGHT GAGE FRAMING - MINIMUM PROPERTIES

MIL. THICKNESS - GAGE NUMBER CROSS REFERENCE

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

EXAMPLE CROSS REFERENCE:

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

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

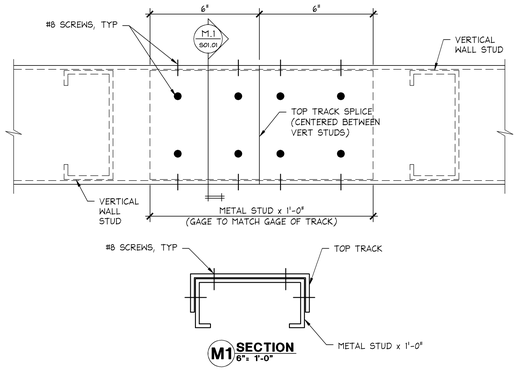
STUDS AND TRACKS

FORMER STANDARD DESIGNATION	CURRENT SSMA DESIGNATION (STEEL STUD MANUFACTURERS ASSOCIATION)
1 5/8", 20 GA. STUD w/ 1 1/4" FLANGE 1 5/8", 20 GA. TRACK w/ 1 1/4" FLANGE	162S125-30 162T125-33
2 1/2", 20 GA. TRACK w/ 1 1/4" FLANGE 2 1/2", 20 GA. STUD w/ 1 5/8" FLANGE 2 1/2", 20 GA. TRACK w/ 2" FLANGE	250T125-33 250S162-33 250T200-33
3 5/8", 20 GA. TRACK w/ 1 1/4" FLANGE 3 5/8", 20 GA. STUD w/ 1 5/8" FLANGE 3 5/8", 20 GA. TRACK w/ 2" FLANGE	362T125-33 362S162-33 362T200-33
6", 20 GA. TRACK w/ 1 1/4" FLANGE 6", 20 GA. STUD w/ 1 5/8" FLANGE 6", 20 GA. TRACK w/ 2" FLANGE	600T125-33 600S162-33 600T200-33
8", 18 GA. STUD w/ 1 5/8" FLANGE	800S162-43
10", 18 GA. STUD w/ 1 5/8" FLANGE	1000S162-43
12", 16 GA. STUD w/ 1 5/8" FLANGE	1200S162-54
TYPICAL HAT (FURRING) CHANNELS	
7/8", 25 GA. FURRING CHANNEL 7/8", 22 GA. FURRING CHANNEL	087F125-18 087F125-27

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.



M1 SECTION 6" = 1'-0"

TOP TRACK SPLICE

6" = 1'-0"

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CODED NOTES:

1. DBL 6" DP, 20 GA BEAM WITH 3 5/8", 20 GA TRACK TOP & BOTTOM — #8 SCREW @ 12"c/c
2. DBL 8" DP, 18 GA BEAM WITH 3 5/8", 20 GA TRACK TOP & BOTTOM — #8 SCREW @ 12"c/c
3. NOT USED
4. DBL 12" DP, 16 GA BEAM WITH 3 5/8", 20 GA TRACK TOP & BOTTOM. (PROVIDE 14 GA WEB STIFFENER AT ALL BEAM BEARING POINTS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.) — #8 SCREW @ 12"c/c
5. NOT USED
6. BUILT-UP BOX COLUMN - DBL 3 5/8" DP, 18 GA STUDS WITH 3 5/8", 18 GA TRACK, EA SIDE. ATTACH BOX COLUMN TO BEAM PER DETAIL C/S03.01, UNLESS NOTED. — #8 SCREW @ 12"c/c
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. NOT USED

STRUCTURAL NOTES:

A. CONTROLLING BUILDING CODE: INTERNATIONAL BUILDING CODE 2012
SEISMIC DESIGN CATEGORY C

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

1. COLD FORMED STEEL FRAMING SHALL CONFORM TO REQUIREMENTS OF THE LATEST EDITION OF AISI "SPECIFICATION FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".
2. ALL MEMBERS SHALL BE FORMED FROM CORROSION-RESISTANT STEEL MEETING ASTM A653-94, AND THEN ZINC COATED PER ASTM A525, GRADE G-90.
3. ALL COLD FORMED MEMBERS SHALL COME FROM A SINGLE MANUFACTURER, "CLARK" OR EQUAL. THE INSTALLATION SHALL COMPLY WITH THE MANUFACTURER'S RECOMMENDATIONS.
4. 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.
5. SEE DETAIL R/S01.01 FOR LIGHT GAGE METAL FRAMING DESIGNATIONS.
6. BASE TRACKS SHALL BE SET ON SMOOTH AND LEVEL CONCRETE OR NON-SHRINK GROUT SUCH AS "MASTERFLOW 713" BY MASTER BUILDERS.
7. 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/S01.01 FOR ADDITIONAL SCREW REQUIREMENTS.
8. SPLICES IN FRAMING COMPONENTS OTHER THAN BOTTOM WALL TRACK ARE NOT PERMITTED.
9. 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.

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

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05A-S011-R01-NOTE

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

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L 09.24.012

STRUCTURAL SPECIFICATIONS

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C 08.15.011

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"	17'-6"
362S162-43	3 5/8"	1 5/8"	18	16"	19'-0"
362S162-54	3 5/8"	1 5/8"	16	16"	20'-6"
600S162-33	6"	1 5/8"	20	16"	25'-6"
600S162-43	6"	1 5/8"	18	16"	28'-6"
600S162-54	6"	1 5/8"	16	16"	30'-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 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 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/S03.01 BY ONE-HALF.

NOTES:
1. DESIGN BASED ON ALLOWABLE DEFLECTION OF L/240.
2. DESIGN BASED ON Fy = 33 KSI FOR 3 5/8" & 6" STUDS LESS THAN 16 GAUGE.
   Fy = 50 KSI FOR 3 5/8", 16 GAUGE
3. PROVIDE HORIZONTAL BRIDGING PER DETAIL R/S03.01.
4. DESIGN BASED ON MINIMUM 5 PSF LATERAL LOAD, OR LATERAL SEISMIC LOAD, WHICHEVER CONTROLS.
5. 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)

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05A-S011-N02-NOTE

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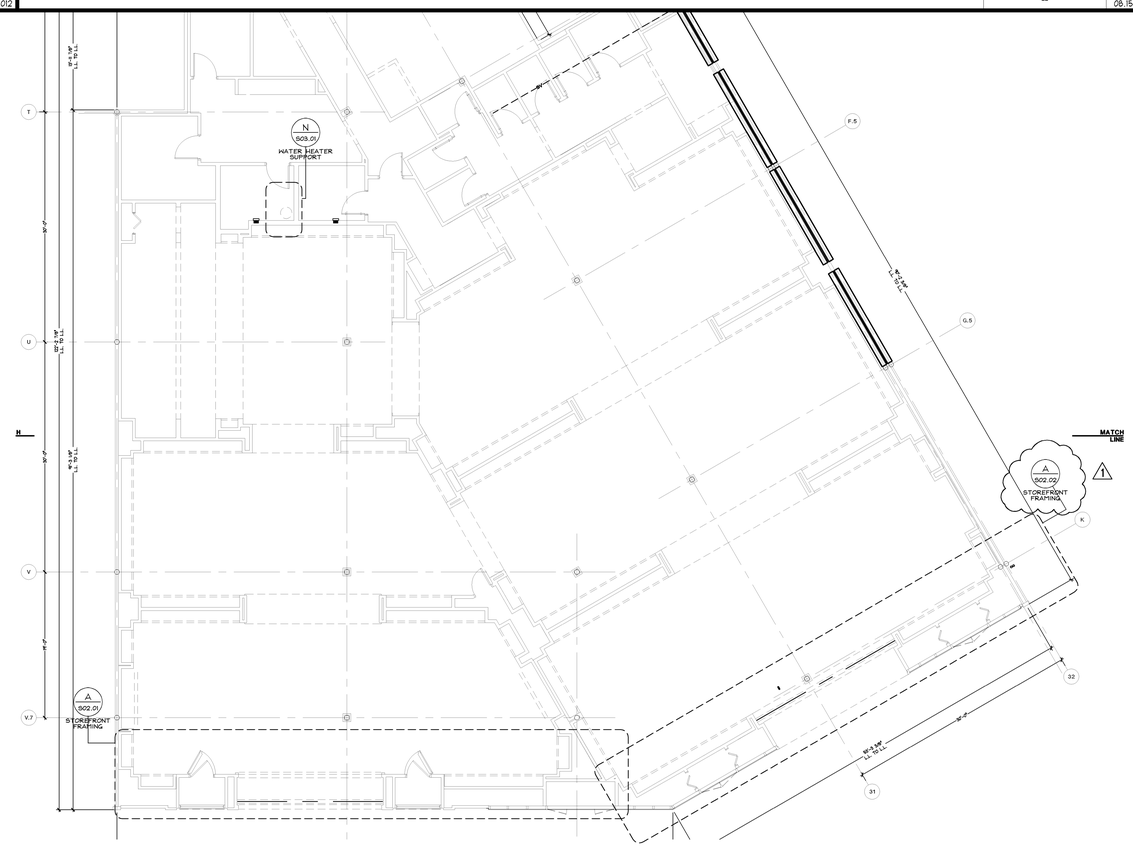

LOCATION PLAN

1/8" = 1'-0"

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A 09.24.012

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PROJECT INFORMATION:

010500587

VICTORIA'S SECRET
NORTH POINT MALL

SPACE #1050
1000 NORTH POINT CIRCLE
ALPHARETTA, GA 30022

SCOPE: FULL REMODEL | PACKAGE: PKG II
DESIGN TYPE: NMA | GENERATION: SPRING 2015 (142Fo)
LSD&C PROJECT #: 00059876 | A/E PROJECT #: 140332

REVISIONS:

	REQUIRED BY:	DATE:
1	BID ADDENDUM - LANDLORD COMMENTS & MASTER UPDATES (1515a.01 & 015a)	01/02/2015

ELITE CONSTRUCTION GROUP
LAKE JACKSON, TX
PHONE: 979-285-9712
NOTE: THESE PRINTS HAVE BEEN REDUCED BY 50 PERCENT. SCALE WILL BE 50 PERCENT OF WHAT IS NOTED ON PLANS

DATE ISSUED: 09/19/14
DESIGNED BY: LNF
DRAWN BY: AAO
CHECKED BY: JTB

STRUCTURAL SPECIFICATIONS AND NOTES

DRAWING NUMBER:

S01.01