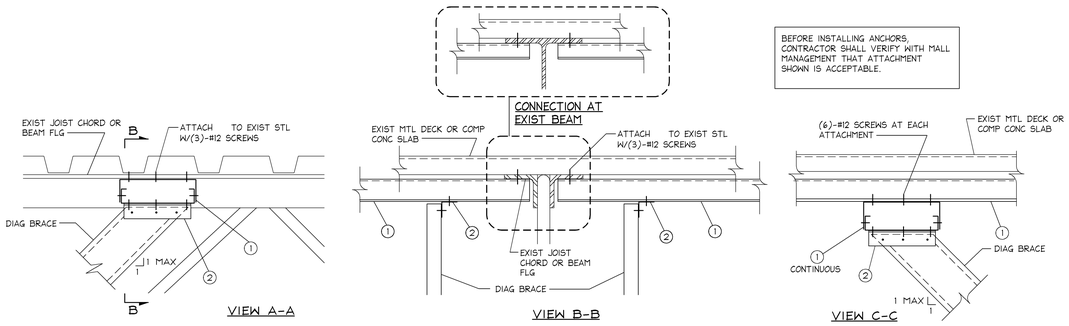
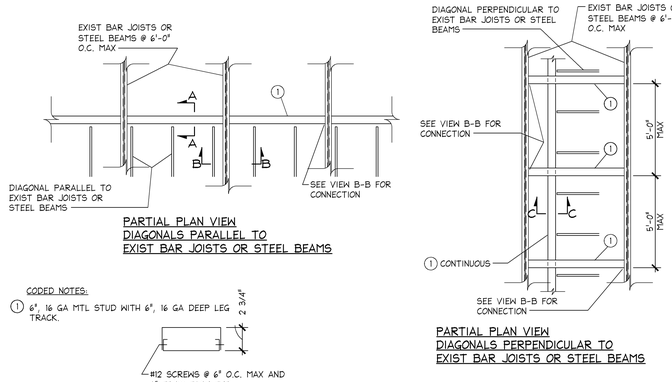
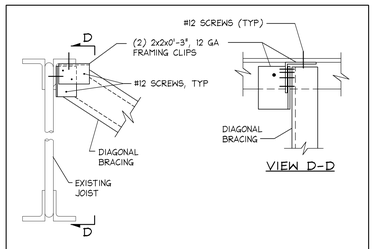


BEFORE INSTALLING ANCHORS, CONTRACTOR SHALL VERIFY WITH MALL MANAGEMENT THAT ATTACHMENT SHOWN IS ACCEPTABLE.



PARTIAL PLAN VIEW
DIAGONALS PARALLEL TO
EXIST BAR JOISTS OR STEEL BEAMS

PARTIAL PLAN VIEW
DIAGONALS PERPENDICULAR TO
EXIST BAR JOISTS OR STEEL BEAMS



ALTERNATE DIAGONAL BRACING ATTACHMENT TO EXISTING STRUCTURE DIAGONAL PERPENDICULAR TO JOIST

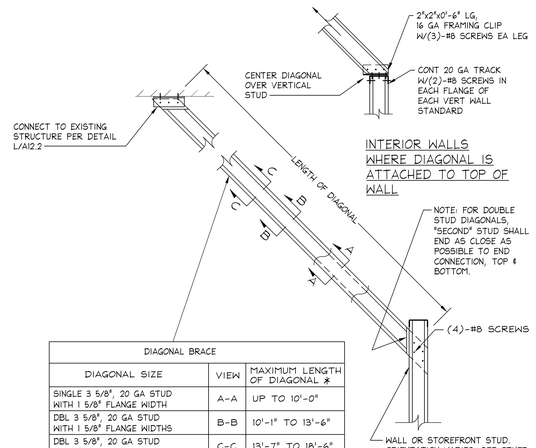
CODED NOTES:

1. 6", 16 GA MTL STUD WITH 6", 16 GA DEEP LEG TRACK.

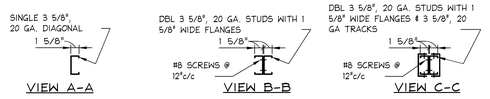
2. 2 x 2 x 16 GA x 6" LG FRAMING CLIP, ONE SIDE OF DIAG, W/(3)-#12 SCREWS EACH LEG.

DIAGONAL BRACING ATTACHMENT TO EXISTING BAR JOISTS OR STEEL BEAMS

TYPICAL DIAGONAL BRACE CONNECTION | N.T.S. | 05D-A121-F00-DETL | L | 08.05.09



DIAGONAL BRACE		
DIAGONAL SIZE	VIEW	MAXIMUM LENGTH OF DIAGONAL *
SINGLE 3 5/8", 20 GA STUD WITH 1 5/8" FLANGE WIDTH	A-A	UP TO 10'-0"
DBL 3 5/8", 20 GA STUD WITH 1 5/8" FLANGE WIDTHS	B-B	10'-1" TO 13'-6"
DBL 3 5/8", 20 GA STUD (1 5/8" FLANGE WIDTHS) WITH 3 5/8", 20 GA TRACK	C-C	13'-7" TO 18'-6"
SPACING OF DIAGONAL BRACING INTERIOR PARTITIONS - 72" O.C. MAX		



TYPICAL DIAGONAL BRACING | 1" = 1'-0" | 05D-A122-G00-DETL | G | 08.05.09

LIGHT GAGE FRAMING - CROSS REFERENCE GUIDE

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.)

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 2 1/2", 18 GA. STUD w/ 1 5/8" FLANGE	250S162-33 250S162-43
3 5/8", 20 GA. STUD w/ 1 5/8" FLANGE 3 5/8", 18 GA. STUD w/ 1 5/8" FLANGE	362S162-33 362S162-43
6", 20 GA. STUD w/ 1 5/8" FLANGE 6", 18 GA. STUD w/ 1 5/8" FLANGE	600S162-33 600S162-43
8", 18 GA. STUD w/ 1 5/8" FLANGE 8", 16 GA. STUD w/ 1 5/8" FLANGE	800S162-43 800S162-54
10", 18 GA. STUD w/ 1 5/8" FLANGE 10", 16 GA. STUD w/ 1 5/8" FLANGE	1000S162-43 1000S162-54
12", 16 GA. STUD w/ 1 5/8" FLANGE 12", 12 GA. STUD w/ 1 5/8" FLANGE	1200S162-54 1200S162-97
1 5/8", 22 GA. TRACK w/ 1 1/4" LEG 1 5/8", 20 GA. TRACK w/ 1 1/4" LEG	162T125-27 162T125-33
2 1/2", 20 GA. TRACK w/ 1 1/4" LEG 2 1/2", 20 GA. TRACK w/ 2" LEG 2 1/2", 18 GA. TRACK w/ 1 1/4" LEG 2 1/2", 18 GA. TRACK w/ 2" LEG	250T125-33 250T200-33 250T125-43 250T200-43
3 5/8", 20 GA. TRACK w/ 1 1/4" LEG 3 5/8", 20 GA. TRACK w/ 2" LEG 3 5/8", 18 GA. TRACK w/ 1 1/4" LEG 3 5/8", 18 GA. TRACK w/ 2" LEG	362T125-33 362T200-33 362T125-43 362T200-43
6", 20 GA. TRACK w/ 1 1/4" LEG 6", 20 GA. TRACK w/ 2" LEG 6", 18 GA. TRACK w/ 1 1/4" LEG 6", 18 GA. TRACK w/ 2" LEG	600T125-33 600T200-33 600T125-43 600T200-43
DRYWALL STUDS FOR SEISMIC DESIGN CATEGORIES A & B ONLY	
3 5/8", 20 GA. STUD w/ 1 1/4" FLANGE 3 5/8", 20 GA. TRACK w/ 1" FLANGE	362S125-30 362T100-30
6", 20 GA. STUD w/ 1 1/4" FLANGE 6", 20 GA. STUD w/ 1" FLANGE	600S125-30 600T100-30
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/S03.1 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.

LIGHT GAGE METAL FRAMING (SEISMIC DESIGN CATEGORIES C, D, E & F) | - | 05A-S011-R01-NOTE | C | 08.15.11

Stantec
Stantec Architecture Inc.
1383 N. McDowell Blvd., Suite 250
Petaluma, CA U.S.A. 94954
Tel. 707.765.1660 Fax. 707.765.9908
www.stantec.com

Limitedbrands
LIMITED STORE PLANNING, INC.
d/b/a STORE DESIGN & CONSTRUCTION
Three Limited Parkway - Columbus, Ohio 43230
Telephone: 614.415.7000 - Fax: 614.415.7349

1. THESE SPECIFICATIONS WERE PREPARED FOR USE ON A SPECIFIC SITE, AND ARE NOT INTENDED FOR USE ON A DIFFERENT SITE. THEY ARE NOT INTENDED FOR USE ON ANOTHER PROJECT IS PROHIBITED AND CONSENT TO SAY UNLESS EXPRESSLY AUTHORIZED IN WRITING BY LIMITED BRANDS STORE DESIGN AND CONSTRUCTION ("LSDC").

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010500133

PROJECT INFORMATION:

VICTORIA'S SECRET
QUAIL SPRINGS MALL
SPACE NO. 119
2501 WEST MEMORIAL RD.
OKLAHOMA CITY, OK 73134

SCOPE: OPTIMIZATION | PACKAGE: II
DESIGN TYPE: NMA/FORUM AA1 | GENERATION: 2013 (R1315O)/142Fa
LSDAC PROJECT #: 00060919 | A/E PROJECT #: 2007684006

REVISIONS:

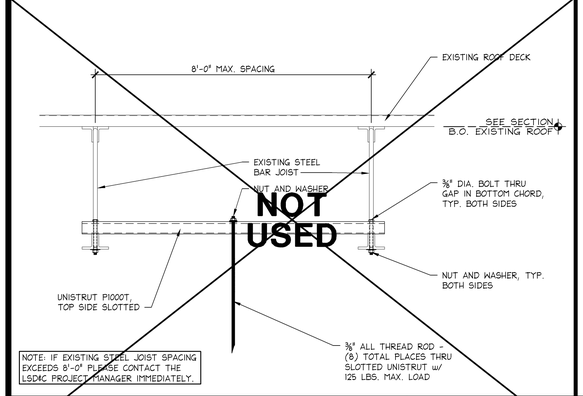
REQUIRED BY:	DATE

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:	05.09.2014
DESIGNED BY:	KW
DRAWN BY:	MS
CHECKED BY:	DB/BV

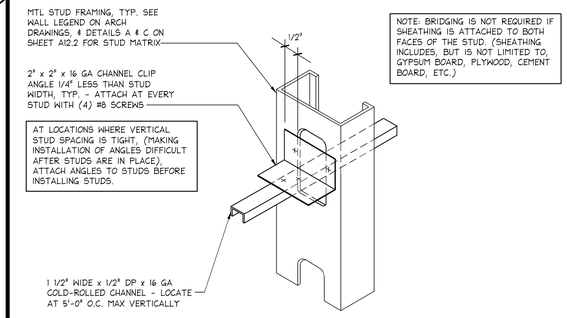
GENERAL CONSTRUCTION DETAILS

DRAWING NUMBER:
A12.2



NOTE: IF EXISTING STEEL JOIST SPACING EXCEEDS 8'-0" PLEASE CONTACT THE LSDAC PROJECT MANAGER IMMEDIATELY.

DRUM SHADE SUPPORT AT EXISTING STRUCTURE | 1 1/2" = 1'-0" | 05D-A122-P00-DETL | P | 12.20.11



NOTE: BRIDGING IS NOT REQUIRED IF SHEATHING IS ATTACHED TO BOTH FACES OF THE STUD. (SHEATHING INCLUDES, BUT IS NOT LIMITED TO, GYPSUM BOARD, PLYWOOD, CEMENT BOARD, ETC.)

BRIDGING DETAIL | N.T.S. | 00DS031R00DETL | K

TABLE 1

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

SEISMIC DESIGN CATEGORIES D, E & F

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 CATEGORIES D, E & F

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

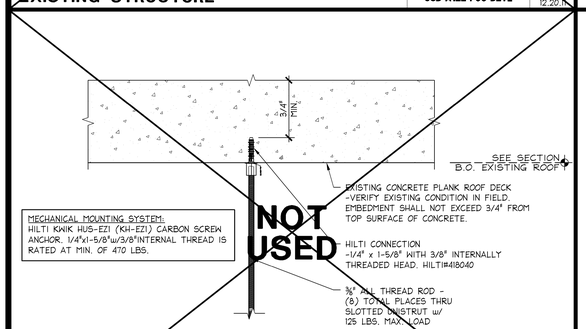
STUD SIZE MATRIX FOR PARTITIONS THAT LATERALLY SUPPORT FLOOR MOUNTED STOCKROOM SHELVING

SEE DRAWING S03.2

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/S03.1 BY ONE-HALF.

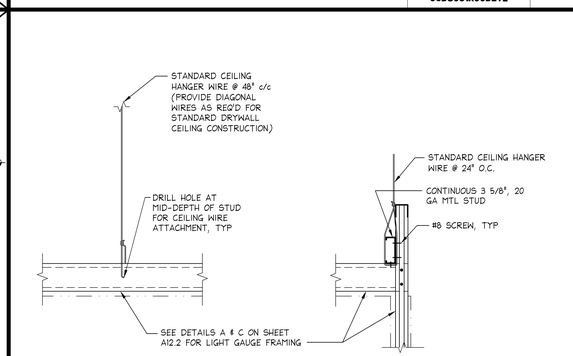
NOTES:
1. DESIGN BASED ON ALLOWABLE DEFLECTION OF L/200.
2. DESIGN BASED ON Fy = 33 KSI FOR 3 5/8" & 6" STUDS LESS THAN 16 GAUGE.
   Fy = 50 KSI FOR 3 5/8", 16 GAUGE.
3. PROVIDE HORIZONTAL BRIDGING PER DETAIL R/S03.1.
4. DESIGN BASED ON MINIMUM 5 PSF LATERAL LOAD, OR LATERAL SEISMIC LOAD, WHICHEVER CONTROLS.
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 CATEGORIES D, E & F) | - | 05A-S011-N01-NOTE | A | 08.15.11



MECHANICAL MOUNTING SYSTEM:
HILTI KWIK HUS-EZI (KH-EZI) CARBON SCREW ANCHOR. 1/4"x1-5/8"w/3/8"INTERNAL THREAD IS RATED AT MIN. OF 470 LBS.

DRUM SHADE SUPPORT AT EXISTING CONCRETE STRUCTURE | 3" = 1'-0" | 05D-A122-N00-DETL | N | 08.31.11

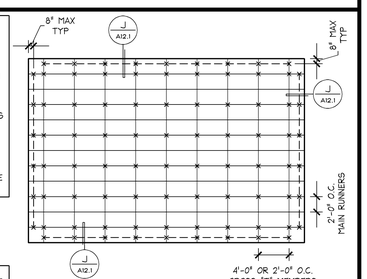


SUSPENDED FRAMING DETAILS | 1 1/2" = 1'-0" | 05D-A121-F00-DETL | J | 08.05.09

GENERAL NOTES:
1. ENDS OF MAIN BEAMS AND CROSS TEES MUST BE TIED TOGETHER TO PREVENT THEIR SPREADING.
2. INSTALL CLG GRID USING #12 GA WIRE HANGERS @ 4 FT MAX O.C. & 8" MAX FROM PERIMETER WALL.
3. INTERMEDIATE DUTY GRID SYSTEM REQUIRED.
4. CEILING MUST HAVE OVERSIZED TRIM RINGS FOR SPRINKLERS AND OTHER PENETRATIONS. PROVIDE 3/8" MIN CLEAR ON ALL SIDES.
5. LIGHT FIXTURES (ALL TYPES) TO BE MECHANICALLY ATTACHED TO GRID PER NEC 410-16 (TWO 12 GA WIRES PER FIXTURE UNLESS INDEPENDENTLY SUPPORTED).

AIR TERMINALS SUPPORT REQUIREMENTS:
- <20 LBS - POSITIVELY ATTACHED TO GRID
- 20 TO 56 LBS - POSITIVELY ATTACHED TO GRID AND TWO 12 GA WIRES TO STRUCTURE (MAY BE SLACK)
- >56 LBS SUPPORTED DIRECTLY TO STRUCTURE BY APPROVED HANGERS

× 12 GA HANGER WIRE
— — STABILIZER BAR



MEDIUM SEISMIC STORES
IBC SEISMIC DESIGN CATEGORY C

ACT CEILING LAYOUT | 1/8" = 1'-0" | 05D-A1201-K01-DETL | E | 08.14.12