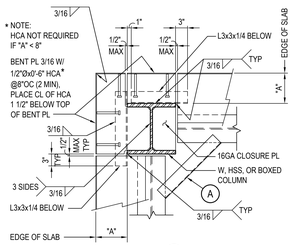
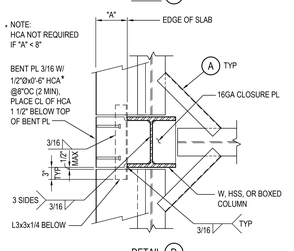
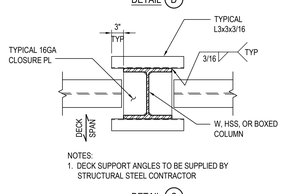
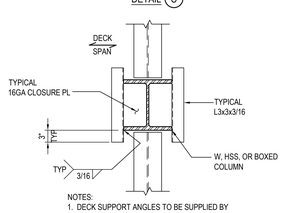
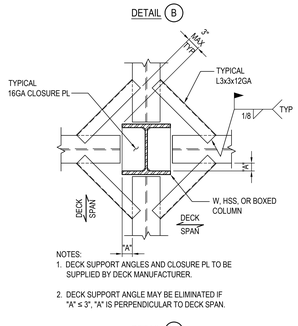




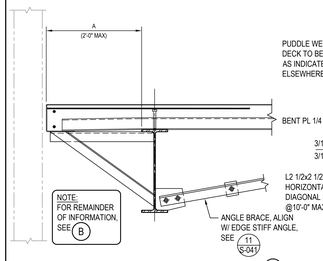


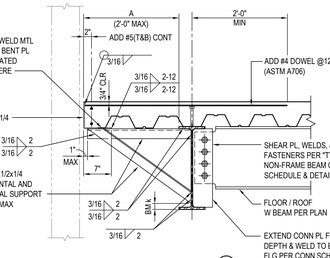


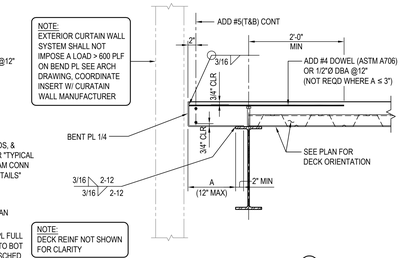


STEL-DECK-0014

TYPICAL METAL DECK SUPPORT AT COLUMN DETAILS | 25

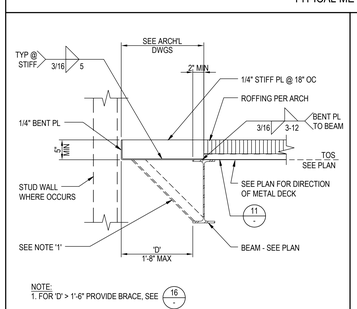




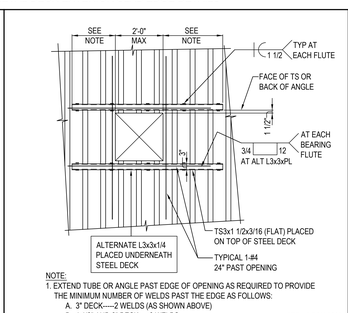


STEL-DECK-0012

TYPICAL METAL DECK EXTERIOR SLAB EDGE DETAILS | 16

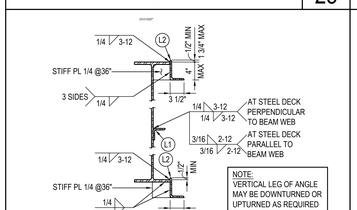


23



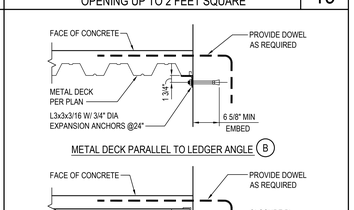
STEL-DECK-0009

TYPICAL FLOOR AND ROOF DECK OPENING UP TO 2 FEET SQUARE | 19



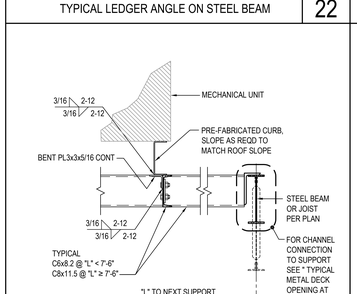
STEL-DECK-0005

TYPICAL LEDGER ANGLE ON STEEL BEAM | 22



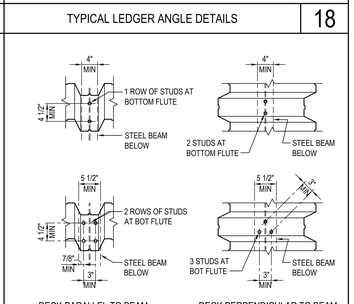
STEL-MISC-0002

TYPICAL LEDGER ANGLE DETAILS | 18



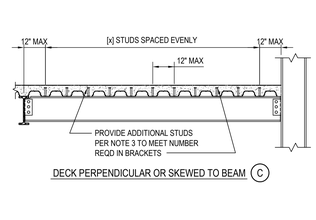
STEL-DECK-0007

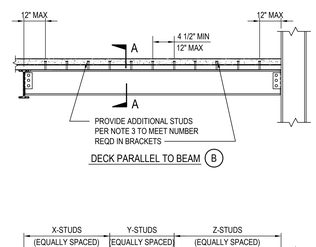
TYPICAL MECHNICAL UNIT CURB SUPPORT DETAIL | 21

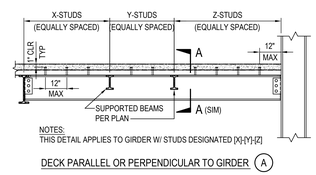


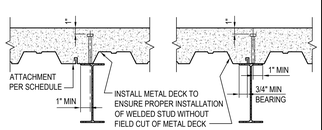
STEL-DECK-0002

TYPICAL TYPE "W" FORMLOK METAL DECK STUD SPACING DETAILS | 17





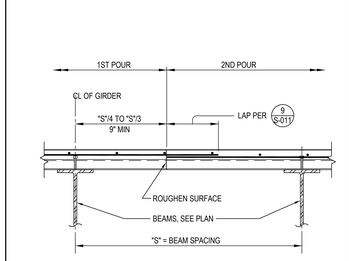


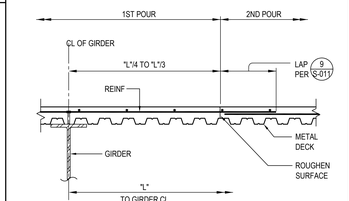


NOTES:
1. UNLESS NOTED OTHERWISE PROVIDE 3/4" DIA HEADED SHEAR STUDS ICC ESR-2856 @12" (MAX SPACING) FOR ALL BEAMS AND GIRDERS THAT SUPPORT STRUCTURAL CONCRETE.
1. MINIMUM NUMBER OF STUDS REQUIRED IS SHOWN AS [x] ON FRAMING PLANS OR 12" WHERE NOT INDICATED ON PLAN. ADDIONAL STUDS MAY BE REQUIRED TO MEET THE MAXIMUM SPACING OF 12"
2. IF MORE THAN ONE STUD IS REQUIRED IN ONE FLUTE THE TRANSVERSE SPACING SHALL BE PER DETAIL 17

STEL-DECK-0001

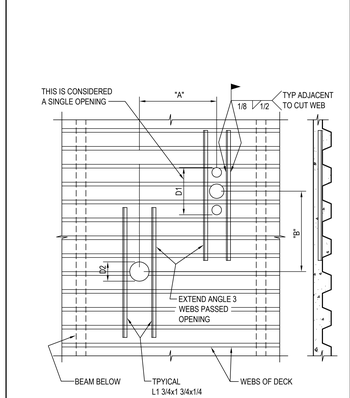
TYPICAL COMPOSITE BEAM METAL DECK STUD SPACING DETAILS | 13





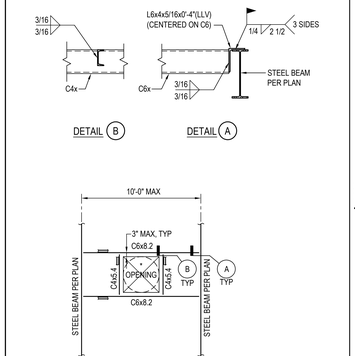
STEL-DECK-0015

TYPICAL FLOOR AND ROOF DECK SLAB CONSTRUCTION JOINT DETAILS | 11



STEL-DECK-0008

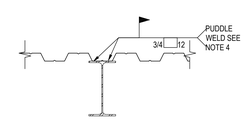
TYPICAL METAL DECK SLEEVE DETAIL | 7

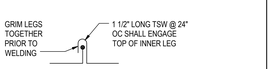


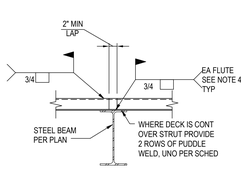
STEL-DECK-0010

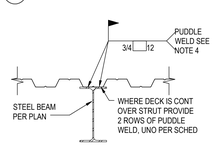
TYPICAL METAL DECK OPENING AT ROOF DETAILS | 3

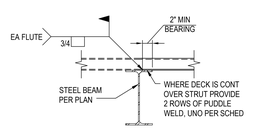
NOTES:
1. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.
2. NO DUCTS, ELECTRICAL OR OTHERWISE SHALL OCCUR IN FILL UNLESS NOTED OTHERWISE.
3. PROVIDE VERCO METAL DECKING AND ACCESSORIES IN CONFORMANCE WITH ICC EVALUATION REPORT ESR-1735P.
4. PUDDLE WELD NOT REQUIRED WHERE HEADED STUD IS ATTACHED THROUGH METAL DECK AT COMPOSITE BEAMS.
5. ALL SLABS WHICH RECEIVE A WATERPROOFING MEMBRANE AND OR MOISTURE SENSITIVE FINISH SHALL BE PROVIDED WITH POSITIVE VENTED STEEL DECK.
6. DECK SHALL BE CONTINUOUS FOR A MINIMUM OF 3 SPANS.
7. MINIMUM END LAP AT INTERIOR LAPS TO BE 2".
8. SEE PLAN FOR DECK TYPE.
9. ALL METAL DECK TO BE VENTED DECK.







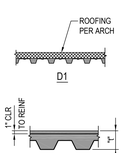




METAL DECK CONSTRUCTION SCHEDULE

MARK	METAL DECKING TYPE	METAL DECKING GAUGE	TOTAL SLAB "t"	SLAB DESCRIPTION	METAL DECKING WELDING PERPENDICULAR TO SUPPORT	METAL DECKING WELDING PARALLEL TO SUPPORT	METAL DECKING WELDING SEAMS	MAXIMUM UNSHORED SPAN (CLEAR SPAN BETWEEN SUPPORTS) SINGLE	DOUBLE	TRIPLE	HOURLY FIRE RATING	REMARKS
D1	VERCO HSB	20	1 1/2"	1 1/2" STEEL DECK W/ INSULATION	(4)1/2" DIA EFFECTIVE PLUG WELDS PER 36" SHEET	1/2"Ø EFFECTIVE PLUG WELD @ 12"	TSW @ 24"	8'-6"	9'-0"	10'-0"	NOT RATED	TYPICAL ROOF
D2	VERCO W2 FORMLOCK DECK	18	5"	3" NORMAL WEIGHT CONC W/#4 @18" EA WAY	1/2" DIA PUDDLE WELD @12" OC	1/2"Ø EFFECTIVE PLUG WELD @ 12"	TOP SEAM @ 24" WELD	9'-0"	10'-0"	11'-0"	-	FUTURE
D3	VERCO W2 FORMLOCK DECK OR EQUAL	18	6 1/4"	4 1/4" L IGHT WEIGHT CONC W/#4 @18" EA WAY	1/2" DIA PUDDLE WELD @12" OC	1/2"Ø EFFECTIVE PLUG WELD @ 12"	TOP SEAM @ 24" WELD	9'-0"	10'-0"	11'-0"	-	BRIDGE

STEL-DECK-0000 (REV-1)



TYPICAL METAL DECK CONSTRUCTION SCHEDULE | 1

howard laks architects
1545 twelfth street
santa monica, ca 90401
voice 310-393-4465
fax 310-393-2230

CONSULTANTS
saiful bouquet structural engineers
1334 Lake Avenue
Los Angeles, CA 90012
Telephone 323.364.3414
Facsimile 323.364.3424
SB Job No: 13062

DATE	EXHIBITS
05/07/2015	Addendum 02
08/04/2015	Addendum 03
10/30/2015	Addendum 04
05/27/2016	Addendum 05

710 WILSHIRE BOULEVARD
MIXED-USE HOTEL PROJECT
SANTA MONICA - CALIFORNIA 90401

TYPICAL STEEL DETAILS

REGISTERED PROFESSIONAL ENGINEER — Saiful Bouquet — No. C 55511 — CIVIL — STATE OF CALIFORNIA

DRAWN: --
CHECKED: ED
APPROVED: MD
SCALE: NTS
SHEET: S-042
DATE: June 25, 2013
PROJECT NUMBER: HLA 00000000--00000