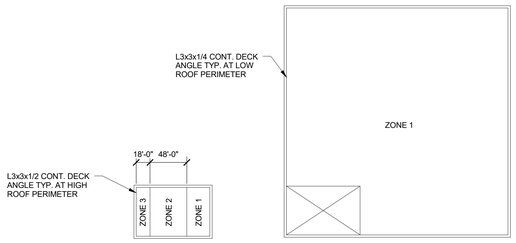
ABBREVIATIONS LIST

ABBREVIATION	DESCRIPTION
ADDL	ADDITIONAL
ACI	AMERICAN CONCRETE INSTITUTE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AISI	AMERICAN IRON AND STEEL INSTITUTE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AB	ANCHOR BOLT
&	AND
ARCH	ARCHITECTURAL
@	AT
BM	BEAM
BRG	BEARING
BL	BLOCK LINTEL
BOT	BOTTOM
BO	BOTTOM OF
BOD	BOTTOM OF DECK
BOF	BOTTOM OF FOOTING
BOS	BOTTOM OF STEEL
CL	CENTER LINE
CLR	CLEAR
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CJ	CONTRACTION JOINT
CTG	CORNER TRUSS GIRDER
DEMO, (D)	DEMOLISH
D	DEPTH
DIA, Ø	DIAMETER
EA	EACH
EW	EACH WAY
EOD	EDGE OF DECK
EOS	EDGE OF SLAB
ELEV	ELEVATION
EQ	EQUAL
EXIST, (E)	EXISTING
EJ	EXPANSION JOINT
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
FS	FAR SIDE
FV	FIELD VERIFY
FIN FLR	FINISHED FLOOR
FDN	FOUNDATION
GA	GAGE
GC	GENERAL CONTRACTOR
GYP BD	GYPSUM BOARD
HSA	HEADED STUD ANCHOR
HVT	HEAVY TIMBER
HT	HEIGHT
HORIZ	HORIZONTAL
INFO	INFORMATION
ISO	ISOLATION
JT	JOINT
JST	JOIST
JBE	JOIST BEARING ELEVATION
JG	JOIST GIRDER
K	KIPS
KSI	KIPS PER SQUARE INCH
L	LENGTH
LEH	LONG EDGE HORIZONTAL
LEV	LONG EDGE VERTICAL
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LSH	LONG SIDE HORIZONTAL
LSV	LONG SIDE VERTICAL
LONG	LONGITUDINAL
MFR	MANUFACTURER
MO	MASONRY OPENING
MAX	MAXIMUM
MECH	MECHANICAL
MTL	METAL
MIN	MINIMUM
MISC	MISCELLANEOUS
MC	MOMENT CONNECTION
MJ	MOMENT JOIST
NS	NEAR SIDE
(N)	NEW
NTS	NOT TO SCALE
NO	NUMBER
OC	ON CENTER
OPP	OPPOSITE
OH	OPPOSITE HAND
OD	OUTSIDE DIAMETER
PJ	PANEL JOINT
PS	PANEL STEP
PL	PLATE
LBS	POUNDS
PLF	POUNDS PER LINEAR FOOT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PAF	POWDER ACTUATED FASTENER
PROJ	PROJECTION
QTY	QUANTITY
REF	REFERENCE / REFER TO
REINF	REINFORCING
REQD	REQUIRED
RTU	ROOF TOP UNIT
RO	ROUGH OPENING
SCHED	SCHEDULE
SIM	SIMILAR
SPA	SPACES
SPECS	SPECIFICATIONS
STD	STANDARD
STL	STEEL
SDI	STEEL DECK INSTITUTE
SJI	STEEL JOIST INSTITUTE
STRUC	STRUCTURAL
THK	THICKNESS
T&B	TOP AND BOTTOM
TO	TOP OF
TB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TG	TOP OF GIRDER
TGB	TOP OF GRADE BEAM
TOJ	TOP OF JOIST
TOM	TOP OF MASONRY
TP	TOP OF PANEL
TOS	TOP OF STEEL
TRANS	TRANSVERSE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VF	VALLEY FRAMING
VIF	VERIFY IN FIELD
VERT	VERTICAL
WF	WIDE FLANGE
W	WIDTH
WP	WORK POINT



ZONE 1: 1 1/2" 22GA TYPE "B" METAL ROOF DECK ATTACHED TO SUPPORTING MEMBERS AND AROUND PERIMETER EDGE OF DIAPHRAGM W/ 5/8"Ø WELDS (36/7) AND (7) #10 SCREWS AT SIDELAPS.

ZONE 2: 1 1/2" 18GA TYPE "B" METAL ROOF DECK ATTACHED TO SUPPORTING MEMBERS AND AROUND PERIMETER EDGE OF DIAPHRAGM W/ 5/8"Ø WELDS (36/7) AND (7) #10 SCREWS AT SIDELAPS.

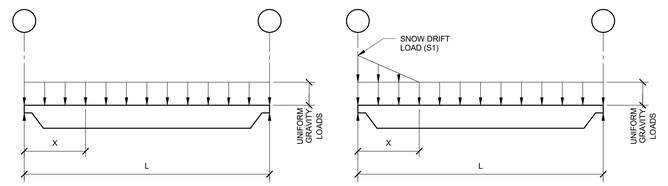
ZONE 3: 1 1/2" 18GA TYPE "B" METAL ROOF DECK ATTACHED TO SUPPORTING MEMBERS AND AROUND PERIMETER EDGE OF DIAPHRAGM W/ 5/8"Ø WELDS (36/7) AND (10) #10 SCREWS AT SIDELAPS.

1 ROOF DECK DIAPHRAGM DIAGRAM

1" = 80'-0"

JOIST SCHEDULE

MARK	DEPTH (IN)	TYPE	UNIFORM GRAVITY LOADS (PLF) DEAD LOAD (DL)	LIVE LOAD (LL)	UNIFORM GRAVITY LOADS (PLF) SNOW LOAD (SL)	SNOW DRIFT INFORMATION S1 (PLF)	SNOW DRIFT INFORMATION X (FT)	DIAGRAM NUMBER
J1	30	KSP	120	120	388	389	16	2
J2	30	KSP	124	124	136.4	402	16	2
J3	30	KSP	120	120	388	---	---	1
J4	30	KSP	124	124	136.4	---	---	1
J5	30	KSP	120	120	442	---	---	1
J6	30	KSP	124	124	136.4	---	---	1
J7	30	KSP	120	120	132	329	14	2
J8	30	KSP	120	120	442	329	14	2
J9	32	KSP	120	120	442	---	---	1
J10	32	KSP	124	124	136.4	---	---	1
J11	26	KSP	120	120	442	---	---	1
J12	26	KSP	124	124	136.4	---	---	1
J13	26	KSP	120	120	442	389	16	2
J14	26	KSP	124	124	136.4	402	16	2
J15	32	KSP	120	120	222	237	10	2
J16	32	KSP	120	120	132	237	10	2
J17	30	KSP	120	120	222	237	10	2
J18	30	KSP	120	120	132	237	10	2



JOIST DIAGRAM #1
SEE JOIST SCHEDULE FOR DETAILS

JOIST DIAGRAM #2
SEE JOIST SCHEDULE FOR DETAILS

NOTES:
1. LOADS INDICATED ABOVE ARE UNFACTORED SERVICE LOADS.
2. UNIFORM GRAVITY LOADS ARE TABULATED FOR EACH JOIST AS FOLLOWS:
   DEAD LOAD (DL) = ROOF DEAD LOADS (REF SHEET S0.0)
   SNOW LOAD (SL) = SNOW LOADS (REF SHEET S0.0)
   JOISTS SHALL RESIST THE MOST CRITICAL EFFECTS FROM THE LOAD COMBINATIONS LISTED IN THE APPLICABLE BUILDING CODE.
   SNOW DRIFT LOADS SHALL BE USED IN CONJUNCTION WITH DEAD AND SNOW LOADS ONLY (DL + SL).
3. IN ADDITION TO THE ROOF UNIFORM GRAVITY LOADS, DESIGN SPECIAL JOISTS TO ACCOMMODATE THE SNOW DRIFT LOADS SHOWN IN THE JOIST SCHEDULE.

2 JOIST SCHEDULE

NTS

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HUNT & JOINER, INC.
Consulting Structural Engineers

REV.	DATE	ISSUE TITLE
1	05-24-17	ISSUE FOR BID

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CINERGY AMARILLO

SCHEDULES & DIAGRAMS

XXXXX
PROJECT NUMBER

S0.1
SHEET NUMBER