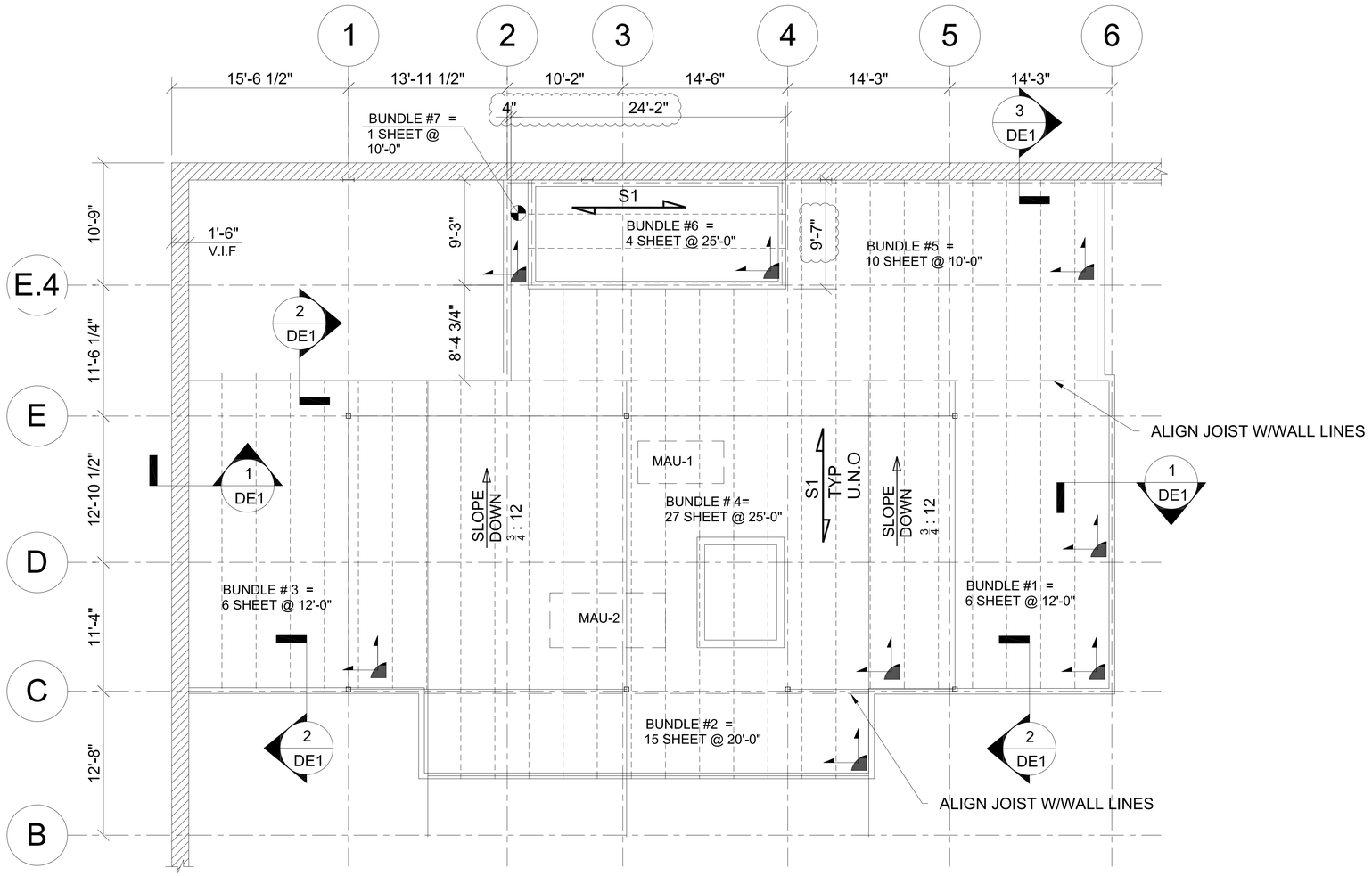
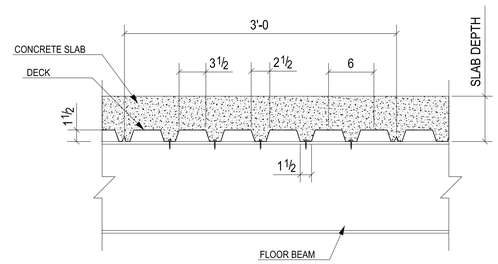
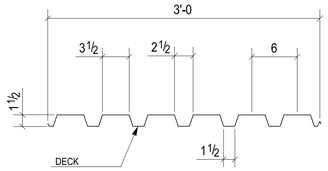


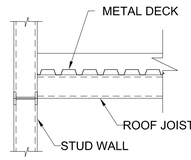
METAL DECK PLAN AT PENTHOUSE ROOF



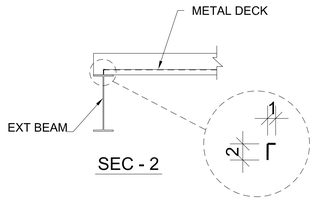
TYPICAL FLOOR DETAIL



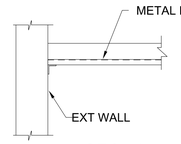
TYPICAL DETAIL OF DECK SHEET



SEC - 1



SEC - 2



SEC - 3

BILL OF MATERIAL (DECK SHEETS)

SR. NO.	BUNDLE #	QTY	LENGTH	TYPE
1	BUNDLE #1	6	12'-0"	1 1/2"-22GA TYPE "B"
2	BUNDLE #2	15	20'-0"	
3	BUNDLE #3	6	12'-0"	
4	BUNDLE #4	27	25'-0"	
5	BUNDLE #5	10	10'-0"	
6	BUNDLE #6	4	25'-0"	
7	BUNDLE #7	1	10'-0"	
8	Γ CELL CLOSURE	18.5	10'-0"	

NOTES:

1. ROOF CONSTRUCTION :

   1 1/2" x 22 GAGE TYPE B WIDE RIB METAL DECK OVER LIGHT GAGE JOISTS. TYPICAL DECK ATTACHMENT TO SUPPORTING STRUCTURE TO BE #12 SELF DRILLING SCREWS @ 36/4 PATTERN WITH 0 SIDELAP FASTENERS.

2. MATERIAL

   A. SHEET STEEL: ASTM A653
   B. ROOF DECK: 1-1/2" DEEP, WIDE RIB, GALVANIZED.

3. CONNECTIONS

   A. DECK TO STRUCTURAL STEEL OR JOISTS: 5/8" DIAMETER PUDDLE WELDS.
   B. CENTERING TO STEEL OR JOISTS: 1/2' DIA. FUSION WELDS WITH WELD WASHERS.
   C. DECK TO COLD-FORMED TRUSSES OR FRAMING: #12 SCREWS.
   D. SIDE LAP FASTENING: #10 SCREWS.
   E. ROOF DECK FASTENING TO RESIST A GROSS UPLIFT OF 30 PSF MINIMUM.

4. FINISH

   A. GALVANIZED: CONFORM TO ASTM A853, GBO.
   B. PAINTED DECK: PHOSPHATIZE OR BONOERIZE, THEN APPLY A COAT OF ENAMEL PAINT. PAINT TO MEET THE FOLLOWING CRITERIA:
      1. ASTM B117, FOR 72 HOURS AND ASTM 0870, FOR 250HOURS.

5. DENOTES START DECKING POINT
6. "S1" INDICATES SPAN DIRECTION

FIELD CUT PANEL AS REQUIRED

GC TO VERIFY ALL CLOUDED DIMENSIONS

DECK DETAILING SAMPLE - 2

REVISIONS			ITEM	
NO	DESCRIPTION	DATE	JOB	
			ARCH	
			CONTR	
			DWN : VHS	DATE:
				DWG NO. DE1