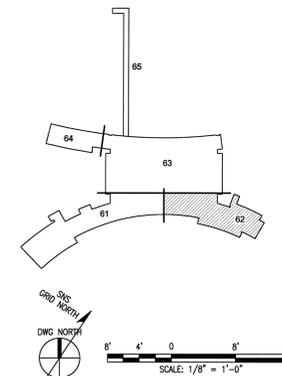
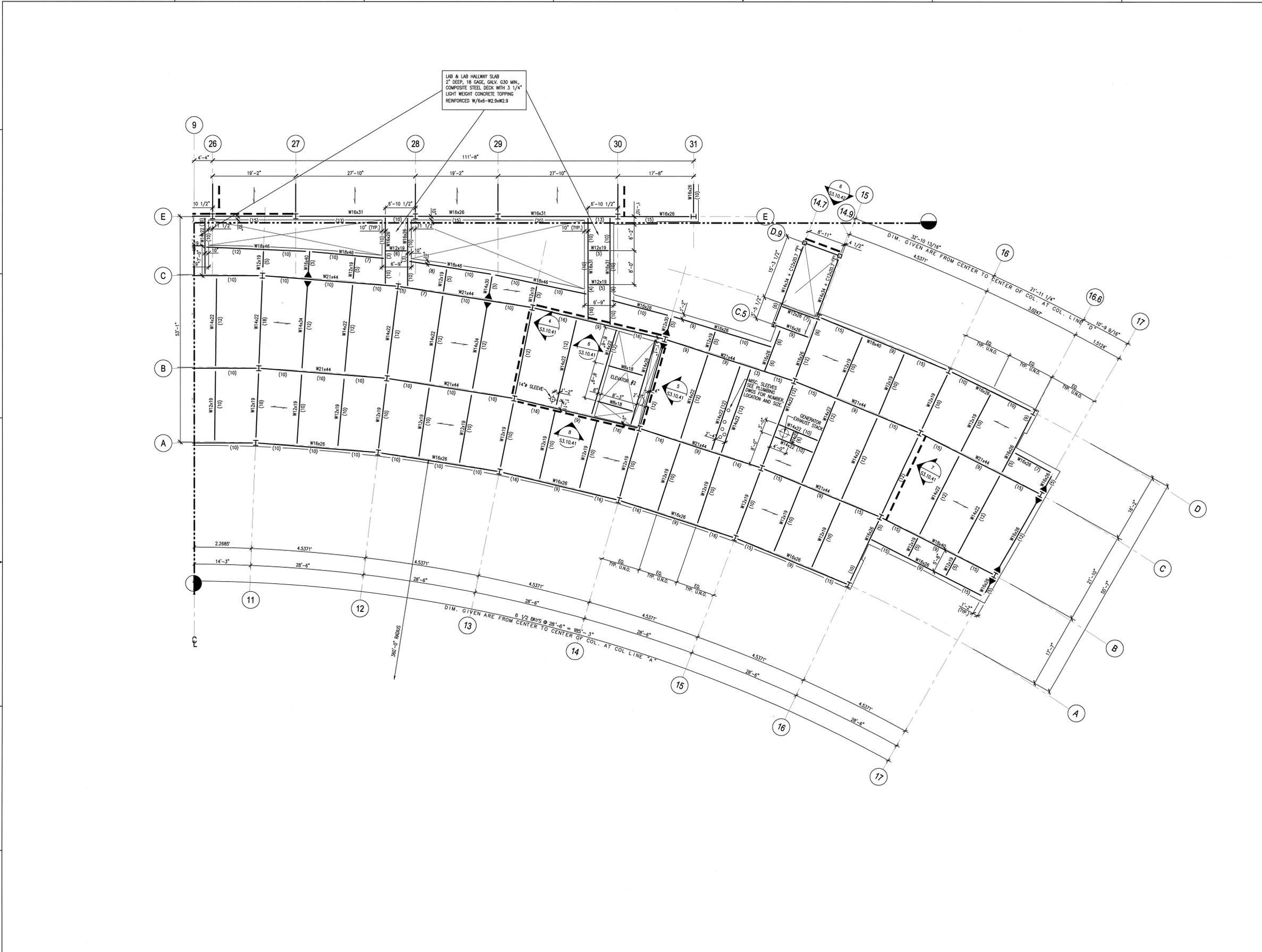


- NOTES:**
- 1.) TYPICAL SLAB @ STEEL FRAMING, U.N.O. 2" DEEP, 19 GAGE, GALV. COMPOSITE STEEL DECK WITH 3 1/4" LIGHT WEIGHT CONCRETE TOPPING REINFORCED W/6#6-W2.8XW2.9.
 - 2.) L.P. DESIGNATES 1/CONC. EL. 127'-3" / STEEL EL. 128'-9 3/4" USE L.P. 1/STL & 1/CONC. U.N.O.
 - 3.) H.P. DESIGNATES 1/CONC. EL. 127'-11" / STEEL EL. 127'-5 3/4"
 - 4.) SEE DIMS. S3.10.40, S3.10.41 & S3.10.42 FOR MEMBER SIZES NOT SHOWN.
 - 5.) DENOTES FULLY DEVELOPED MOMENT CONNECTION.
 - 6.) DENOTES BRACING LOCATION.
 - 7.) () INDICATES NUMBER OF 3/4"x4" HEADED STUDS BETWEEN INTERSECTING BEAMS.
 - 8.) [] INDICATES REQUIRED IN PLACE CAMBER AT MIDSPAN OF BEAM.
 - 9.) DENOTES REQUIRED VERTICAL SHEAR CAPACITY FOR CONNECTION AT THAT END OF BEAM.
 - 10.) DENOTES SPAN DIRECTION OF COMPOSITE STEEL DECK SEE SHT. S5.20.40 FOR TYPICAL COMPOSITE STEEL SLAB DETAILS.
 - 11.) SEE SHT. S5.30.40 FOR COLUMN SCHEDULE.
 - 12.) SLAB EDGES ARE NOT CURVED; PROVIDE 3 EQUAL STRAIGHT SEGMENTS BETWEEN COLUMN LINES, TYP. SEE DETAIL 14/54.20.43
 - 13.) SEE SHT. S5.20.40 FOR TYPICAL DETAILS.



SECTION AND DETAIL KEY

SECTION OR DETAIL	NUMBER OF SECTION OR DETAIL
(Symbol)	1

THIS DOCUMENT CONTROLLED BY CHANCE CONTROL SYSTEM 4 ENGINEERING PROCEDURE SMS-ENG-0001

REV	DESCRIPTION	DATE	BY	CHK	DEPT	DATE	REQ	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR	
1	CERTIFIED FOR CONSTRUCTION - 12/20/01		RW	JJB																			
0	CERTIFIED FOR CONSTRUCTION - MAY 15, 2001		WLS	SC																			

REVISION APPROVALS

REV	DATE	BY	CHK
1	12/20/01	JJB	WLS
0	5/15/01	JJB	WLS

DRAWING APPROVALS

REV	DATE	BY	CHK
1	12/20/01	JJB	WLS
0	5/15/01	JJB	WLS

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KNIGHT
Knight Advanced Technology

UT-BATTELLE
managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT CONTRACT DE-AC05-00OR22725

CENTRAL LAB AND OFFICE BUILDING
FRAMING PLAN
LEVEL 3, SECTOR 62

NO	REV	DATE	BY	CHK	DEPT	DATE	REQ	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR	
1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS													
3	S	X	X	8	8600		1	1	P	U													
51	52	53	WBS																				
NC	NA		1.8.3.14																				

DATE: 12/20/01
DRAWING APPROVALS: J.R. LAWSON 9/25/01