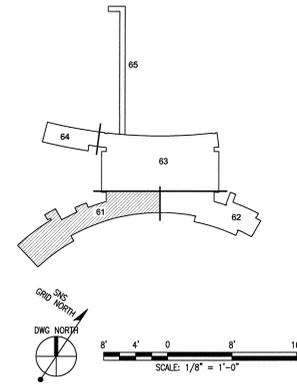


- NOTES:**
- 1.) TYPICAL SLAB @ STEEL FRAMING, U.N.O., 2" DEEP, 19 GAGE, GALV. COMPOSITE STEEL DECK WITH 3 1/4" LIGHT WEIGHT CONCRETE TOPPING REINFORCED W/6#-W2.5W2.9.
  - 2.) L.P. DESIGNATES 1/CONC. EL. 127'-3" 1/STEEL EL. 126'-9 3/4" USE L.P. 1/STL. & 1/CONC. U.N.O.
  - 3.) H.P. DESIGNATES 1/CONC. EL. 127'-11" 1/STEEL EL. 127'-5 3/4"
  - 4.) SEE DWGS. 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/S4.20.43
  - 13.) SEE SHT. S5.20.40 FOR TYPICAL DETAILS.



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NUMBER OF SECTION OR DETAIL

DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN

SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY

CHANGE CONTROL SYSTEM

ENGINEERING PROCEDURE SMS-ENG-0201

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
1		CERTIFIED FOR CONSTRUCTION - 12/20/01	WLS	JJB		12/20/01											
0		CERTIFIED FOR CONSTRUCTION - MAY 15, 2001	WLS	SC		5/15/01											

REV	DATE	UTB	J.R. LAWSON	9/25/01
1	12/20/01	UTB	J.R. LAWSON	9/25/01

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Knight Advanced Technology

**UT-BATTELLE**

Oak Ridge National Laboratory  
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U.S. GOVERNMENT CONTRACT DE-AC05-00OR22725

PROJECT NAME:  
**SPALLATION NEUTRON SOURCE**

**CENTRAL LAB AND OFFICE BUILDING**  
**FRAMING PLAN**  
**LEVEL 3, SECTOR 61**

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	S	X	X	8	8600		1	1	P	U
51	NC	52	53	WBS	1.8.3.14					
										S2.03.61
										1