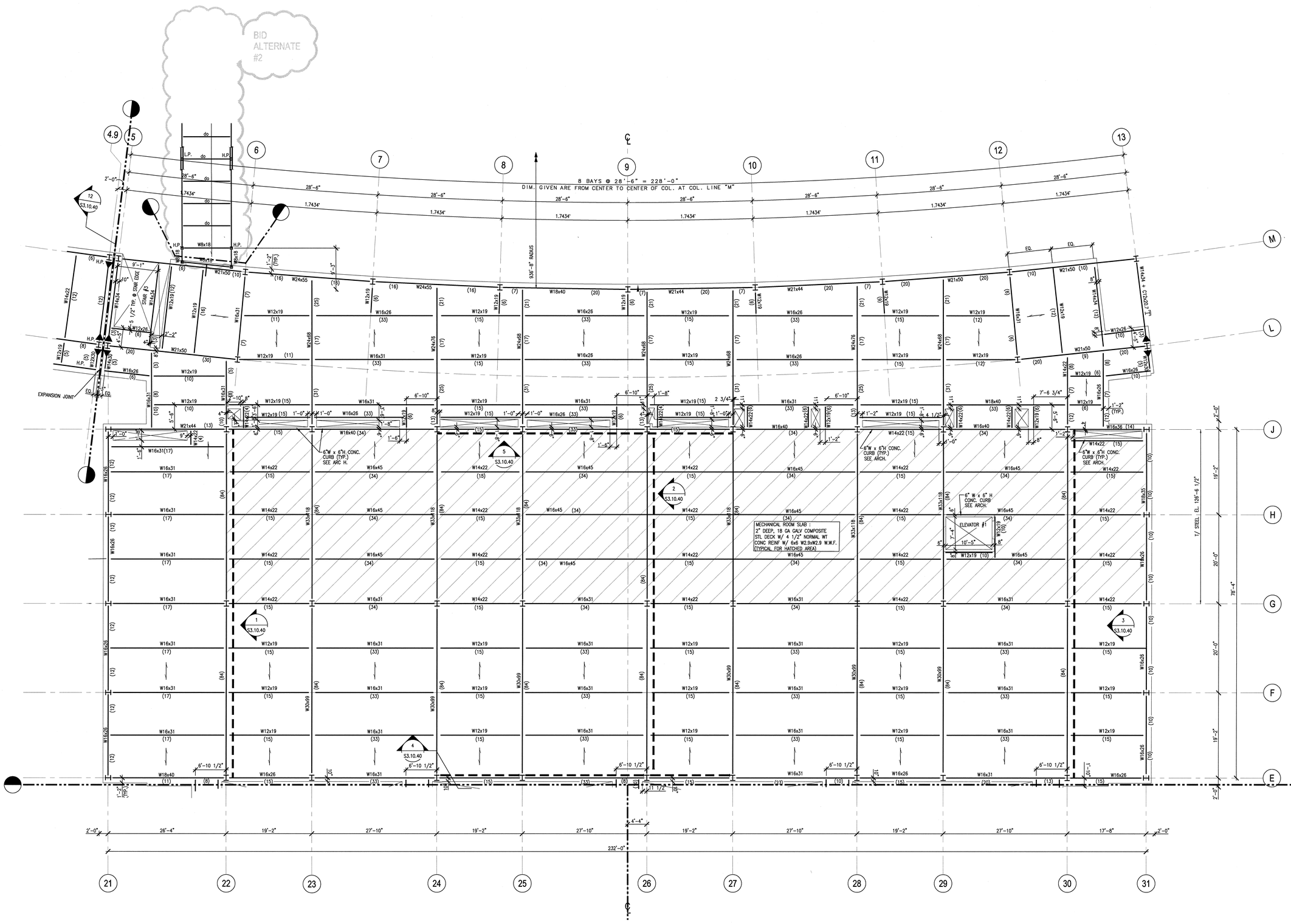


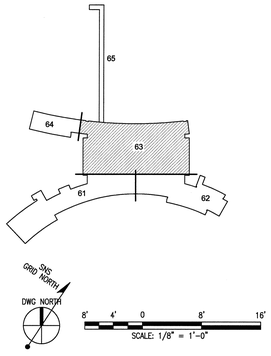


## NOTES:

1.) TYPICAL SLAB @ STEEL FRAMING, U.N.O. 2" DEEP, 18 GAGE, GALV. COMPOSITE STEEL DECK WITH 3 1/4" LIGHT WEIGHT CONCRETE TOPPING REINFORCED w/6x6-W2.9xW2.9.

2.) L.P. DESIGNATES T/CONC. EL. 127'-3"
T/STEEL EL. 126'-9 3/4"
USE L.P. T/STL. & T/CONC. U.N.O.

3.) H.P. DESIGNATES T/CONC. EL. 127'-11"
T/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"øX4" 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 4
ENGINEERING PROCEDURE SNS-ENG-G001

| REV | CHANGE TYPE | CHANGE CONTROL SYSTEM | CHANGE REQUEST NUMBER | DESCRIPTION | DSN | CHK | DEPT |
|---|---|---|---|---|---|---|---|
| 1 | | | | CERTIFIED FOR CONSTRUCTION – 12/20/01 | RW | JJB | |
| 0 | – | – | – | CERTIFIED FOR CONSTRUCTION – MAY 15, 2001 | WLS | SC | |

REVISION OR ISSUE PURPOSE

| DATE | PE | DATE | PJ | DATE | REQ | DATE | UTB | DATE | RPE | RPE NO | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 12/20/01 | | 12/20/01 | | | | | | | |
| | CLG | 9/6/01 | WS | 8/21/01 | | | JRL | 9/25/01 | JJB | 23236 | 5/15/01 |

REVISION APPROVALS

| ST | CV | EC | EE | EM | IE | M | PD | SE | AR |
|---|---|---|---|---|---|---|---|---|---|
| RW | AW | BWJ | PD | BWJ | BWJ | -- | BWJ | -- | ED |
| SC | | WRS | RL | WRS | BWJ | -- | WRS | -- | WAS |

SQUAD CHECK

RPE
JOHN BUSCH REGISTERED ENGINEER AGRICULTURE COMMERCE NO. 23236 STATE OF TENNESSEE
REV. 1 DATE 12/20/01

| | | |
|---|---|---|
| DSN | W. SONNA | 5/15/01 |
| DRW | T. DEADY | 5/15/01 |
| CHK | R. WALKINGTON | 5/15/01 |
| DEPT | | |
| PE | C.L. GARREN | 9/6/01 |
| PJ | J. STELLERN | 8/21/01 |
| REQ | | |
| UTB | J.R. LAWSON | 9/25/01 |

DRAWING APPROVALS

108031400-S8E-8600-A034

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865-241-9433
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Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under
U.S. GOVERNMENT contract DE-AC05-00OR22725
UT-BATTELLE, LLC, ® Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE
CENTRAL LAB AND OFFICE BUILDING
FRAMING PLAN
LEVEL 3, SECTOR 63

| 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 | | S2.03.63 | | | REV |
| NC | | NA | | | 1.8.3.14 | | | | | 1 |

Date: 12/17/2001 Time: 16:52:00
Username: (SQUISH)
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AutoCAD