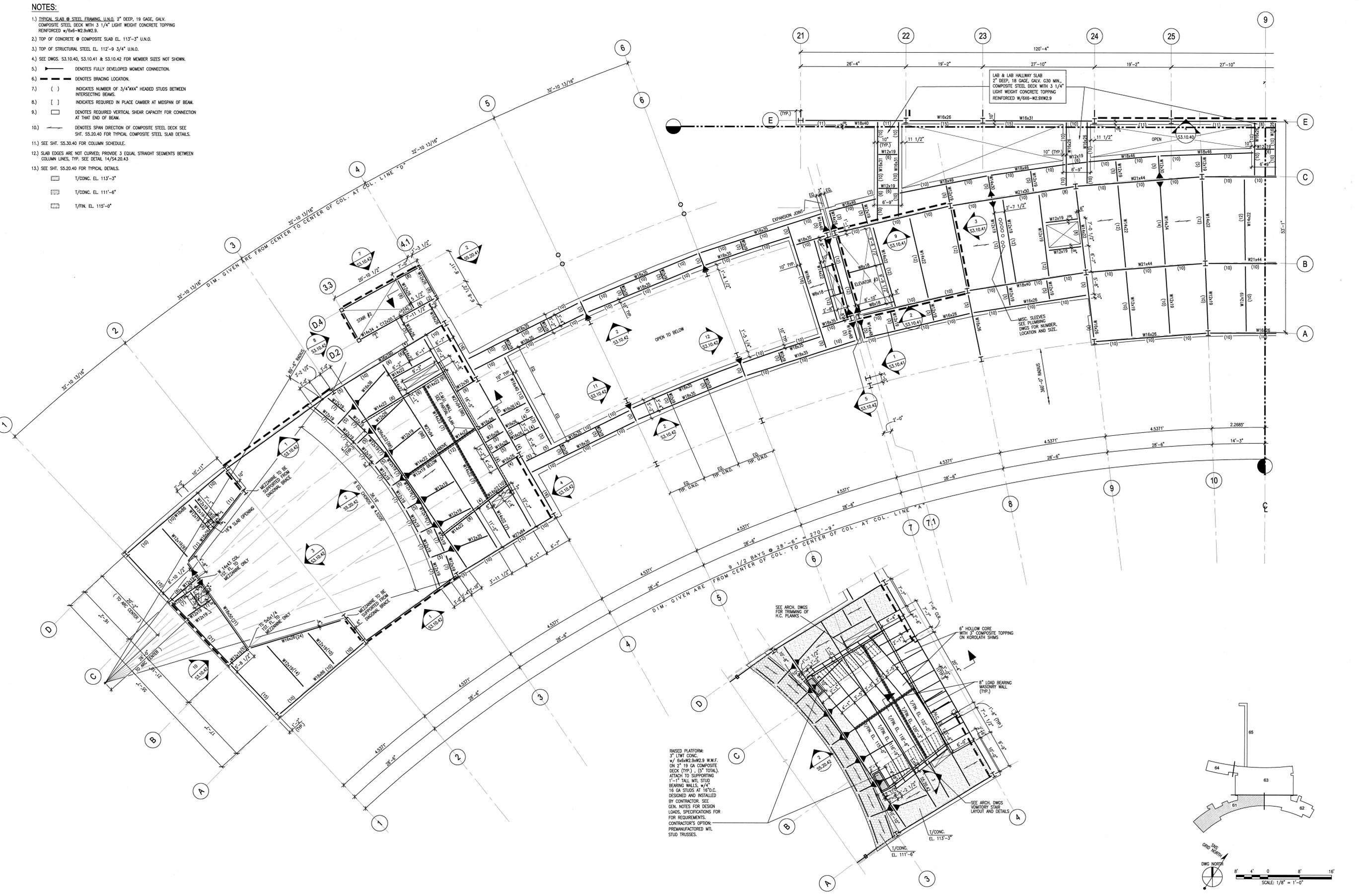
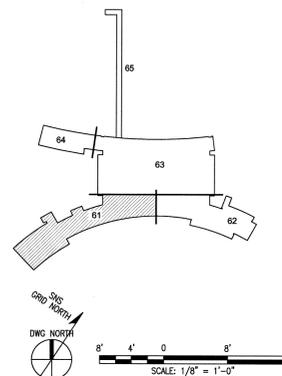


- NOTES:**
- 1.) TYPICAL SLAB @ STEEL FRAMING, UNDO, 2" DEEP, 19 GAGE, GALV. COMPOSITE STEEL DECK WITH 3 1/4" LIGHT WEIGHT CONCRETE TOPPING REINFORCED W/6x6-W2.9xW2.9.
  - 2.) TOP OF CONCRETE @ COMPOSITE SLAB EL. 113'-3" U.N.O.
  - 3.) TOP OF STRUCTURAL STEEL EL. 112'-9 3/4" U.N.O.
  - 4.) SEE DWGS. 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.
- 1/4" CONC. EL. 113'-3"  
 1/2" CONC. EL. 111'-6"  
 1/8" CONC. EL. 115'-0"

H  
G  
F  
E  
D  
C  
B  
A



RAISED PLATFORM:  
3" LWT CONC.  
W/ 6x6-W2.9xW2.9 W.W.F.  
ON 2" 19 GA COMPOSITE  
DECK (TYP.) (5" TOTAL)  
ATTACH TO SUPPORTING  
1"-1" TALL W/ STUD  
BEARING WALLS, W/4"  
19 GA STUDS AT 16" O.C.  
DESIGNED AND INSTALLED  
BY CONTRACTOR. SEE  
GEN. NOTES FOR DESIGN  
LOADS, SPECIFICATIONS FOR  
REQUIREMENTS.  
CONTRACTOR'S OPTION:  
PREMANUFACTURED W/ STUD TRUSSES.



1 PARTIAL PLAN-BALCONY CONSTRUCTION  
S2.02.61 SCALE: 1/8"=1'-0" SFP02-28

108031400-SBE-8600-A027

**KNIGHT**  
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540 West Jackson Street  
Chicago, IL 60601

855-241-9433  
Fax: 855-241-3400

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701 Scoboro Road, MS 8253  
Oak Ridge, TN 37830

U.S. GOVERNMENT CONTRACT #E-AC02-00OR22723  
OF-BATTELLE, LLC, © Oak Ridge, Tennessee

PROJECT NAME:  
**CENTRAL LAB AND OFFICE BUILDING  
LEVEL 2, SECTOR 61**

|     |      |    |      |       |             |     |      |    |      |       |
|-----|------|----|------|-------|-------------|-----|------|----|------|-------|
| 1   | 48   | 49 | 50   | PLANT | BLDG        | FL  | SH.  | OF | TYPE | CLASS |
| 3   | S    | X  | X    | 8     | 8600        | FL  | 1    | 1  | P    | U     |
| REV | DATE | BY | CHKD | APP'D | DESCRIPTION | REV | DATE | BY | CHKD | APP'D |
| 51  | 52   | 53 |      |       | WBS         |     |      |    |      |       |
| NC  | NA   | NA |      |       | 1.8.3.14    |     |      |    |      |       |

|        |               |         |
|--------|---------------|---------|
| DESIGN | W. SONNA      | 5/15/01 |
| DRWN   | T. BEADY      | 5/15/01 |
| CHKD   | R. WALKINGTON | 5/15/01 |
| DEPT   |               |         |
| PE     | C.L. GARRON   | 9/6/01  |
| IPJ    | J. STELLERN   | 8/21/01 |
| REQ    |               |         |
| REV    |               |         |
| DATE   | 9/25/01       |         |

|     |      |   |        |     |      |         |    |      |    |      |     |      |     |      |     |      |        |      |    |    |    |    |    |    |   |    |    |    |  |
|-----|------|---|--------|-----|------|---------|----|------|----|------|-----|------|-----|------|-----|------|--------|------|----|----|----|----|----|----|---|----|----|----|--|
| REV | DATE | DESCRIPTION                               | DESIGN | CHK | DEPT | DATE    | PE | DATE | PJ | DATE | REQ | DATE | UTB | DATE | RPE | DATE | RPE NO | DATE | ST | CV | EC | EE | EM | IE | M | PD | SE | AR |  |
| 1   |      | CERTIFIED FOR CONSTRUCTION - 12/20/01     | RW     | JUB |      | 8/21/01 |    |      |    |      |     |      |     |      |     |      |        |      |    |    |    |    |    |    |   |    |    |    |  |
| 0   |      | CERTIFIED FOR CONSTRUCTION - MAY 15, 2001 | WLS    | SC  |      | 8/21/01 |    |      |    |      |     |      |     |      |     |      |        |      |    |    |    |    |    |    |   |    |    |    |  |

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CHANGE CONTROL SYSTEM 4

ENGINEERING PROCEDURE SMS-ENG-0001

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