NOTES:

1. HIGH ROOF H.P. T/CONC. EL. 103'-10" (U.N.O.)
   T/STL EL. 103'-4 3/4"
   L.P. T/CONC. EL. 102'-7"
   T/STL EL. 102'-1 3/4"

   LOW ROOF H.P. T/CONC. EL. 98'-7"
   T/STL EL. 98'-1 3/4"
   L.P. T/CONC. EL. 97'-9"
   T/STL EL. 97'-3 3/4"

2. TYPICAL SLAB ON STEEL FRAMING U.N.O.
   2" DEEP 18 GA. GALVANIZED COMPOSITE STEEL DECK w/ 3 1/4" LIGHT WEIGHT CONCRETE TOPPING REINFORCED w/ 6x6 – W2.9 x W2x9 W.W.F.

3. DENOTES FULLY DEVELOPED MOMENT CONNECTION.

4. DENOTES BRACING LOCATION.

5. ( ) INDICATES NUMBER OF 3/4" x 4" HEADED STUDS BETWEEN INTERSECTING BEAMS.

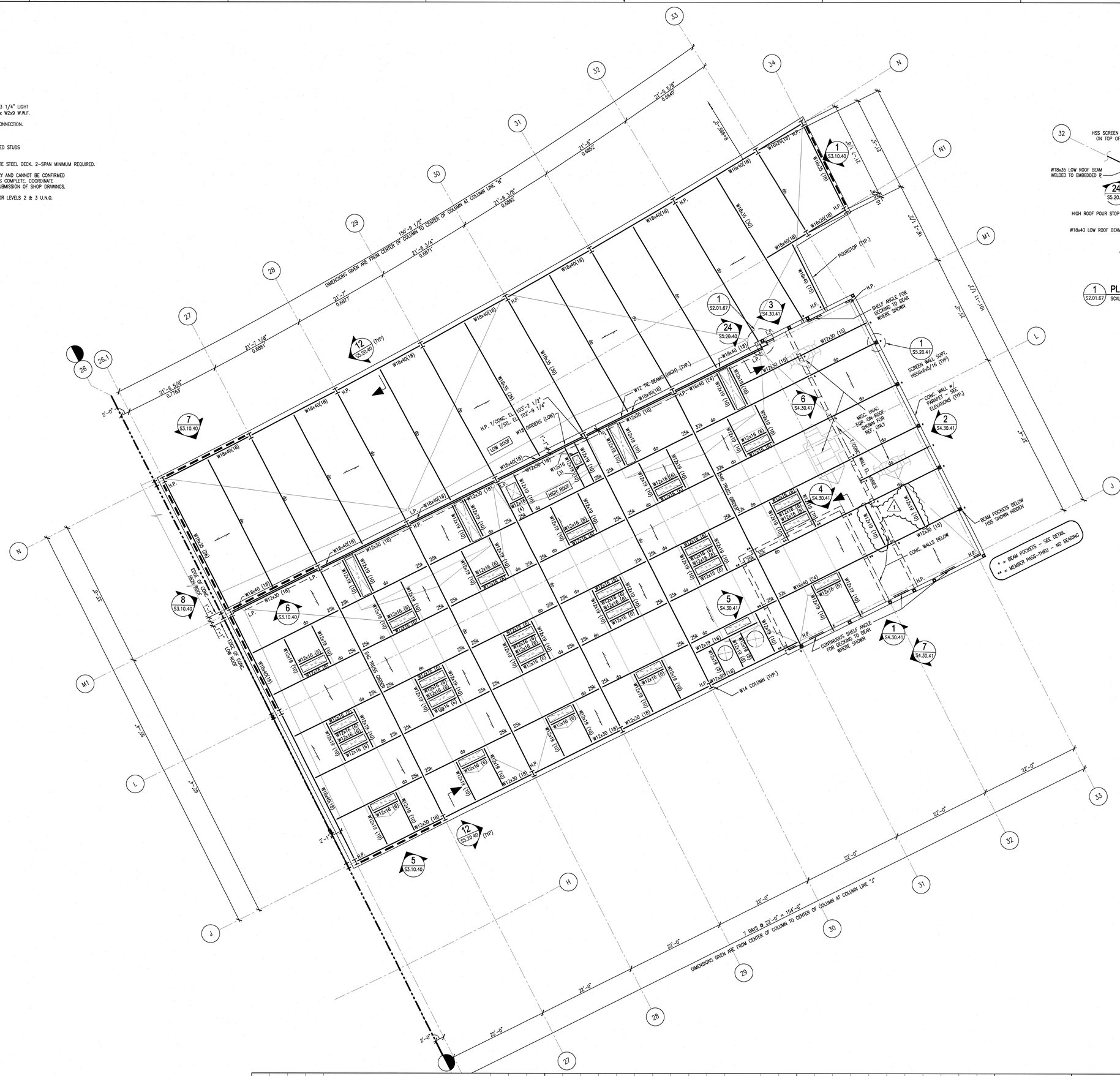
6. DENOTES SPAN DIRECTION OF COMPOSITE STEEL DECK. 2-SPAN MINIMUM REQUIRED.

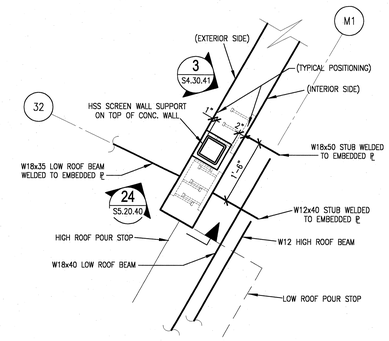
7. ALL SLAB OPENING FRAMING DIMENSIONS ARE PRELIMINARY AND CANNOT BE CONFIRMED UNTIL REVIEW OF HVAC AND ELEVATOR SHOP DRAWINGS IS COMPLETE. COORDINATE DIMENSIONS WITH RESPECTIVE CONTRACTORS PRIOR TO SUBMISSION OF SHOP DRAWINGS.

8. ANY SLAB OPENING FRAMING DIMENSIONS ARE TYPICAL FOR LEVELS 2 & 3 U.N.O.

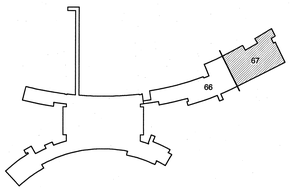
REFERENCE DRAWINGS

GENERAL NOTES	S0.00.01
COLUMN SCHEDULE	S5.31.40
TYPICAL DETAILS	S5.20.40
BRACING ELEVATIONS	S3.10.40





1 (S2.01.67) PLAN DETAIL - BEAMS AT CONC. WALL
SCALE: 1/2" = 1'-0"
SDT057005-8



SHS GRID NORTH
DWG NORTH
8' 4' 0 8' 16'
SCALE: 1/8" = 1'-0"

ORNL DRAWING NUMBER:

KnightJacobs Joint Venture
701 Scarboro Road, MS 8253
Oak Ridge, TN 37830

865-241-9433
fax 865-241-3400

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M+W Zander U.S. Operations, Inc.
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DSN	W. SONNA	1/10/03
DRW	T. DEADY	1/10/03
CHK	R. WALKINGTON	1/10/03
DEPT		
PE	C. L. CARREN	
PJ	J. STELLERN	
REQ		
UTB	J. R. LAWSON	

RPE: JOHN BUSCH, REGISTERED ENGINEER, AGRICULTURE, COMMERCE, STATE OF TENNESSEE

REV. 1 DATE 1/22/03

DRAWING APPROVALS

UT-BATTLE

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PROJECT NAME:

CENTER FOR NANOPHASE MATERIALS SCIENCES
ROOF FRAMING PLAN
SECTOR 67

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	S	X	X	8	8610		1	1	P	U

51	52	53	A/E DRAWING NUMBER:	REV
NC	NA		S2.01.67	1

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT
1	–	–	–	RE-ISSUE CERTIFIED FOR CONSTRUCTION 1/22/03	WS	RW	
0	–	–	–	CERTIFIED FOR CONSTRUCTION-12/9/02	WS	RW	

REVISION OR ISSUE PURPOSE

DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
									JJB	23236	1/10/03
									JJB	23236	12/9/02

REVISION APPROVALS

RZ	AW	BWJ	AK	IM	DM	--	BWJ	--	TW
ST	CV	EC	EE	EM	IE	M	PD	SE	AR

SQUAD CHECK

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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

AutoCAD