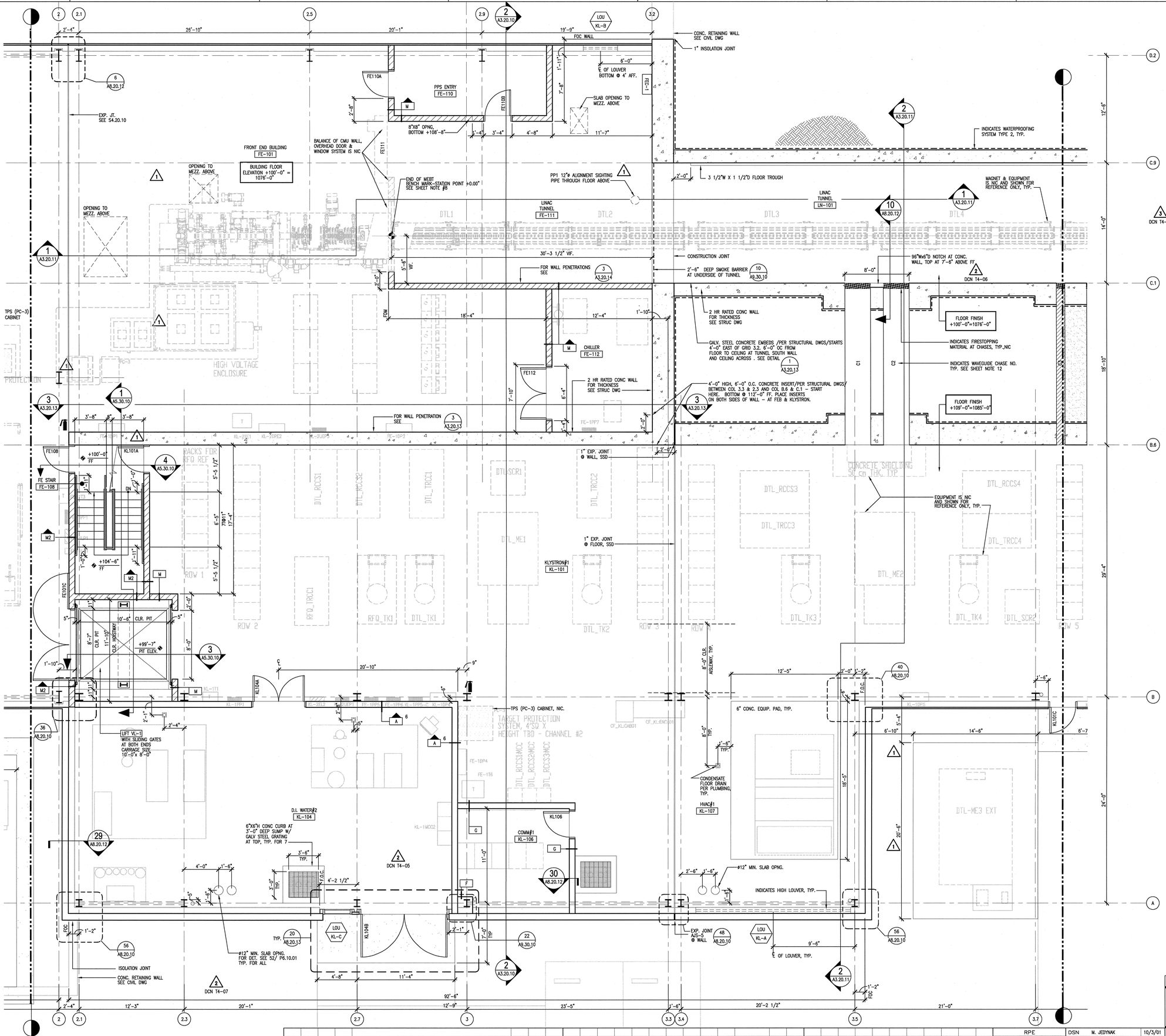

SHEET NOTES:

1. FOR ROOM FINISH SCHEDULE, SECTORS 1 THRU 12, REFER TO A7.30.10
2. FOR PARTITION SCHEDULE, SECTORS 1 THRU 12, REFER TO A7.20.10
3. FOR DOOR SCHEDULE, SECTORS 1 THRU 12, REFER TO A7.30.10
4. ⊗ DENOTES TYPICAL FLOOR DRAIN, SET 1/2" BELOW FINISH FLOOR AND TAPER SURROUNDING FLOOR AREA IN A 12" RADIUS DOWN TO DRAIN. TYPICAL THRU SECTORS 1 THRU 12 UNLESS ENTIRE FLOOR OF ROOM IS SHOWN TAPERED.
5. SEE MECHANICAL DRAWING AND ELECTRICAL DRAWING OF THIS SECTOR FOR (CONDUITS AND PIPES) SLAB PENETRATIONS.
6. FOR SUMP LOCATION SEE STRUCTURAL DWGS. S2.01.02, S2.01.03, S2.01.06, S2.01.08, S2.01.10
7. NOT USED
8. THE END OF MEBT (OR MEBT BENCHMARK) IS TO BE LOCATED PER C3.01.00 AND IS NOTED AS +0.00 EACH WAVEGUIDE CHASE LOACTION AS SCHEDULED. MAY NOT VARY BY MORE THAN 1/2" IN THE SCHEDULED DISTANCE FROM THIS POINT.
9. SURFACE MOUNTED PORTABLE FIRE EXTINGUISHER, NIC. FEC-1 FIRE EXTINGUISHER CABINET, TYPE 1
10. NOT USED
11. FOR REFLECTED CEILING PLAN OF THE TOILET, JANITOR'S CLOSET & COMM. ROOM FROM SECTORS 1 THRU 12, REFER TO A9.40.10
12. LINAC WAVE-CHASE SCHEDULE – REV 7, 3/22/2001

3 DCN T4-09

3 DCN T4-09

3 DCN T4-08

LINAC WAVEGUIDE CHASE SCHEDULE

CHASE NO.	CHASE TYPE	CHASE SIZE	BEAM LINE AXIAL POSITION (NOTES)(FT)	VERTICAL HEIGHT AT TUNNEL (IN)
C1	DTL-3	18"X36"	54.171	Note 4,9,12
C2	DTL-4	18"X36"	58.671	Note 4,9,12
C3	Spare	18"X12"	27.796	Note 8,9

C1DT INDICATES WAVEGUIDE CHASE IS NOT TO BE INSTALLED AND NO PROVISONS FOR WALL OPENINGS ARE TO BE PROVIDED.

NOTES:

1. NOT USED
2. NOT USED
3. THIS IS THE AXIAL POSITION ALONG THE LENGTH OF THE TUNNEL IN FEET, FROM THE END OF THE MEBT.
4. THE OUTSIDE BOTTOM OF THE FRP CHASE (IF EXTENDED TO INTERSECT WITH THE TUNNEL INSIDE WALL), IS ~3" ABOVE THE FLOOR (THE FLOOR IS 50" BELOW THE BEAM LINE).
5. THE OUTSIDE BOTTOM OF THE FRP CHASE (IF EXTENDED TO INTERESECT WITH THE TUNNEL INSIDE WALL), IS ~3" ABOVE THE FLOOR (THE FLOOR IS 50" BELOW THE BEAM LINE).
6. THE HORIZONTAL CENTERLINE OF THIS CHASE IS POSITIONED ~10.437" ABOVE THE FLOOR OF THE LINAC TUNNEL (THE FLOOR IS ~50" BELOW THE BEAM LINE). NOTE – THE BOTTOM OF THIS CHASE IS BELOW FLOOR LEVEL. A RECESS HAS BEEN INCLUDED IN THE CONCRETE FLOOR DESIGN AT THIS LOCATION TO ACCOMODATE THE CHASE AND PROVIDE TRANSFER LINE WELDING ACCESS.
7. THE HORIZONTAL CENTERLINE OF THIS CHASE IS POSITIONED ~14.875" ABOVE THE FLOOR OF THE LINAC TUNNEL (THE FLOOR IS 50" BELOW THE BEAM LINE).
8. THE OUTSIDE BOTTOM OF THE FRP CHASE (IF EXTENDED TO INTERSECT WITH THE TUNNEL INSIDE WALL) IS ~3" ABOVE THE FLOOR (THE FLOOR IS 50" BELOW THE BEAM LINE).
9. THESE CHASES ANGLE UPWARD FROM THE LINAC TUNNEL TO THE KLYSTRON BUILDING. THE OUTSIDE BOTTOM OF THE CHASE IS ~3'-8.58" ABOVE THE KLYSTRON FLOOR. NOTE – THIS MAKES THE CHASE ANGLE ~33.5 DEG.
10. THIS CHASE IS ANGLED UPWARD FROM THE LINAC TUNNEL TO THE CHL BUILDING. THE INTERSECTION POINT IN THE CHL BUILDING IS IN THE BASEMENT.
11. THIS CHASE IS ANGLED UPWARD FROM THE LINAC TUNNEL TO THE CHL BUILDING. THE INTERSECTION POINT IN THE CHL BUILDING IS IN THE BASEMENT.
12. A RECESS HAS BEEN INCLUDED ABOVE THE DTL CHASE OPENING IN THE TUNNEL TO ALLOW ADDITIONAL CLEARANCE FOR THE WAVEGUIDE AND FOR ROUTING CABLES.

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

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	SCANNED DOCUMENT NUMBER	DESCRIPTION	DSN	CHK	DEPT
3	C	4	8, 9	BASIS OF AWARD – 10/3/2001 + DCN T4-08-09	MJ	TW	
2	B	4	5-7	CFC – FE/LN/KL DESIGN SUBMITTAL – 6/27/01 +DCN T4-05-07	MJ	TW	
1	–	4	–	CFC – FE/LINAC SUBMITTAL PACKAGE – 3/30/01	MJ	TW	
0	–	4	–	CFC – FE SUBMITTAL PACKAGE – 10/09/00			

REVISION OR ISSUE PURPOSE

DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
	CLG	10/04/01	DAW	10/04/01			CMH	10/04/01	RLB	102104	10/3/01
	CJG	6/28/01	TM	6/28/01			JRL	6/28/01	JPD	101974	6/27/01
	CJG	4/06/01	TM	4/06/01			JRL	4/06/01	JPD	101974	6/30/01

REVISION APPROVALS

ST	CV	EC	EE	EM	IE	M	PD	SE	AR
SC	AW	BS	RL	BS	BJ	–	BS	–	WS
SC	AW	BS	RL	BS	BJ	–	BS	–	WS
SC	AW	BS	RL	BS	BJ	–	BS	–	WS

SQUAD CHECK

RPE
ROBERT L. BARNES REGISTERED ARCHITECT LICENSE NO. 102104 STATE OF TENNESSEE
10/4/01
REV. 3 DATE 10/4/01

DSN	M. JEDYNAK	10/3/01
DRW	S. BERNARDEZ	10/3/01
CHK	T. WONG	10/3/01
DEPT		
PE	C. GARREN	4/6/01
PJ	T. MCLAUGHLIN	4/6/01
REQ		
UTB	JR LAWSON	4/6/01

DRAWING APPROVALS

108030300-A8E-8300-A003

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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

FE/KLYSTRON
FLOOR PLAN
LEVEL 1, SECTOR 2

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	A	X	X	8	8300		1	1	P	U

51	52	53		
NC	NA		WBS 1.8.3.3	A2.01.02 REV 3

Date: 10/02/2001 Time: 15:28:17
FILE: 108030300-A8E-8300-A2.01.02.DWG
RDEF:LJN=JPRUEETT;TJ0001;TJ0001;TJ01;CADD1;NONE;;A1;HD;;PLOT;A0-01-02.DWG

AutoCAD