

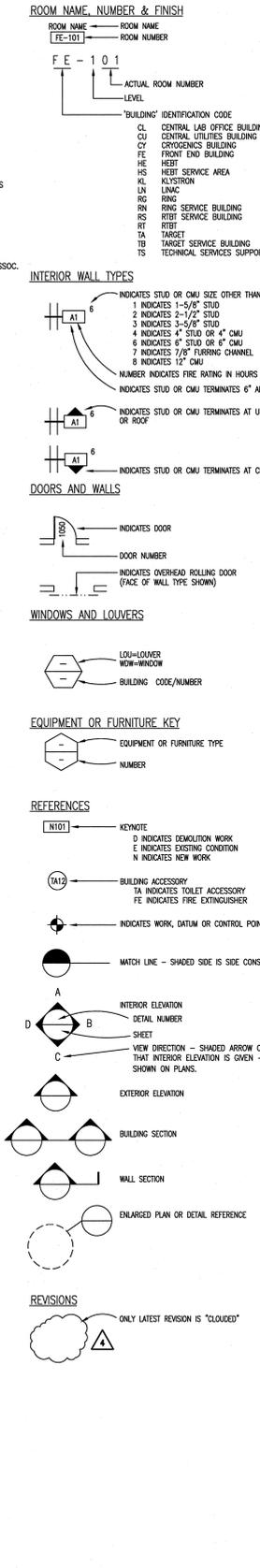
D. ARCHITECTURAL MATERIAL SYMBOLS

	WOOD, CONTINUOUS
	WOOD, FINISHED
	WOOD, BLOCKING OR SHIM
	METAL
	ALUMINUM
	GLASS, ELEVATION
	GLASS, SMALL SCALE
	GLASS, LARGE SCALE
	BRICK
	CMU
	CONCRETE
	WATERPROOF MEMBRANE, VAPOR BARRIER, ETC.
	ROD INSULATION, BOARD
	EARTH, UN DISTURBED
	EARTH, COMPACTED
	SAND/GROUT AND CEMENT PLASTER IN ELEVATION AND REFLECTED CLG.
	GYPSUM BOARD IN ELEVATION AND REFLECTED CEILING
	PLYWOOD
	A.C. TILE
	BATT INSULATION
	INSULATED METAL PANEL SYSTEM
	GRAVEL OR ROCK
	CARPET
	FLOWABLE FILL
	CLAY LAYER

C. ARCHITECTURAL ABBREVIATIONS

CL	CENTERLINE	(L)	LENGTH
PL	PROPERTY LINE	LAM	LABORATORY
AN	ANGLE	LAW	LAWYER
AT	AND	LB	LB OR #
Ø	DIAMETER	LKR	LOCKER
#	NUMBER OR POUND	LP	LOW POINT
]	CHANNEL	LT	LIGHT
AB	ANCHOR BOLT	MAX	MAXIMUM
AC	ACROUSTIC	MECH	MECHANICAL
ACP	ACROUSTIC CEILING PLASTER	MFR	MANUFACTURER
ACT	ACROUSTIC CEILING TILE	MH	MANHOLE
ADJ	ADJUSTABLE	MIN	MINIMUM
AFT	ABOVE FINISH FLOOR	MIR	MIRROR
AGG	AGGREGATE	MISC	MISCELLANEOUS
AJS	ARCHITECTURAL JOINT SYSTEM	MPFL	MAXIMUM POSSIBLE FIRE LOSS
ALUM	ALUMINUM	MTD	MOUNTED
ANDD	AND DASH	MUL	MULLION
AP	ACCESS PANEL	MULL	MULLION
APPROX	APPROXIMATELY	MW	MICROWAVE OVEN
ARCH	ARCHITECTURAL		
BD	BOARD	(N)	NEW
BLDG	BUILDING	N	NORTH
BLK	BLOCK	NFPA	NATIONAL FIRE PROTECTION ASSOC.
BM	BEAM	NIC	NOT IN CONTRACT
BO	BOTTOM OF	NO	NUMBER
BOS	BOTTOM OF STEEL	NO#	NOMINAL
BUR	BUILT-UP ROOFING	NTS	NOT TO SCALE
CAB	CABINET	O/A	OVER
CB	CATCH BASIN	OA	OVER ALL
CCIV	CLOSED CIRCUIT TELEVISION	OFF	OFF CENTER
CEM	CEMENT	OC	ON CENTER
CER	CERAMIC	OD	OUTSIDE DIAMETER OF
CI	CAST IRON	OPCI	OWNER PROVIDED, CONTRACTOR INSTALLED
CIP	CAST IN PLACE	OPNG	OWNER PROVIDED, CONTRACTOR INSTALLED
CLG	CEILING	OPCI	OWNER PROVIDED, CONTRACTOR INSTALLED
CLG	CEILING	OPP	OPPOSITE
CLOS	CLOSET		
CLR	CLEAR	PV	POST INDICATOR VALVE
CMU	CONCRETE MASONRY UNIT	PL	PLATE
CO	CLEAN OUT	P. LAM	PLASTIC LAMINATE
COLUM	COLUMN	PLAS	PLASTIC
COMM	COMMUNICATION	PLYWD	PLYWOOD
CONC	CONCRETE	PAR	PARTITION
CONN	CONNECTION	PCAST	PRECAST
CONST	CONSTRUCTION	PT	POINT OF
CONT	CONTINUOUS	PT	PRESSURE TREATED
CORR	CORRIDOR	PTN	PARTITION
CT	CERAMIC TILE	PVG	PAVING
CTSK	COUNTERSUNK		
CTR	CENTER	QT	QUARRY TILE
(D)	DEMOLISH		
DBL	DOUBLE		
DEPT	DEPARTMENT	(R)	REMOVE
DET	DETAIL	(REL)	RELOCATE
DF	DRINKING FOUNTAIN	R	RISER
DI	DE-IONIZED	RAD	RADIUS
DIAM	DIAMETER	RAF	RAISED ACCESS FLOORING
DISP	DISPENSER	RDF	ROOF DRAIN
DN	DOWN	REF	REFERENCE
DO	DOOR OPENING	REFR	REFRIGERATOR
DR	DOOR	REQD	REQUIRED
DS	DOWNSPOUT	RENF	REINFORCED
DSP	DRY STANDPIPE	RESL	RESILIENT
DW	DISHWASHER	RET	RETAINING
DWG	DRAWING	RM	ROOM
DWR	DRAWER	RO	ROUGH OPENING
		RWL	RAIN WATER LEADER
(E)	EXISTING		
EA	EAST	S	SOUTH
EACH	EACH	SEC	STANDARD BUILDING CODE
EPS	EXTERIOR INSULATED FINISH SYSTEM	SC	SOLID CORE
EJ	EXPANSION JOINT	SCD	SEE OTHER DRAWINGS
EL	ELEVATION	SCHED	SCHEDULE
ELEC	ELECTRICAL	SECT	SECTION
ELEV	ELEVATOR	SEI	SEE ELECTRICAL DRAWINGS
EMER	EMERGENCY	SF	SQUARE FEET
ENCL	ENCLOSED	SHT	SHEET
EP	ELECTRIC PANELBOARD	SK	SINK
EPS	EXPANDED POLYSTYRENE	SMD	SEE MECHANICAL DRAWINGS
EQ	EQUAL	SMS	SHEET METAL SCREW
EQUIP	EQUIPMENT	SP	SPECIFICATION
EMC	ELECTRIC WATER COOLER	SPD	SEE PLUMBING DRAWINGS
EXIST	EXISTING	SS	SQUARE
EXP	EXPANSION	SS	STAINLESS STEEL
EXPO	EXPOSED	SSD	SEE STRUCTURAL DRAWINGS
EXT	EXTERIOR	SSK	SERVICE SINK
		STA	STATION
FA	FIRE ALARM	STD	STANDARD
FC	FIRE CONNECTION	STL	STEEL
FD	FLOOR DRAIN	STR	STORAGE
FDC	FIRE DEPT. CONN.	STRUC	STRUCTURAL
FDN	FOUNDATION	SUSP	SUSPENDED
FE	FIRE EXTINGUISHER	SYM	SYMMETRICAL
FEC	FIRE EXTINGUISHER CABINET		
FF	FINISHED FLOOR	T	TREAD
FH	FIRE HYDRANT	T&G	TONGUE & GROOVE
FHC	FIRE HOSE CONNECTION	TA	TOILET ACCESSORY
FN	FINISH	TC	TOP OF CURB
FJ	FLOOR JOIST	TEL	TELEPHONE
FLASH	FLASHING	TERR	TERRAZZO
FLR	FLOOR	THK	THICK
FLUOR	FLUORESCENT	TOIL	TOILET
FM	FACTORY MUTUAL	TOP	TOP OF
FO	FACE OF	TOP	TOP OF
FOC	FACE OF CONCRETE	TOS	TOP OF STEEL
FOF	FACE OF FINISH	TOW	TOP OF WALL
FOM	FACE OF MASONRY	TPS	TARGET PROTECTION SYSTEM
FOS	FACE OF STUD	TYP	TYPICAL
FR	FIRE-RESISTIVE		
FRP	FIBERGLASS REINFORCED PLASTIC	UBC	UNIFORM BUILDING CODE
FRPF	FIREPROOF	UL	UNDERWRITERS LABORATORY
FRPL	FIREPLACE	ULIN	UNFINISHED
FS	FLOOR SINK	ULPA	ULTRA-LOW PARTICULATE
FT	FOOT	UA	AIR (FILTER)
FUT	FUTURE	UON	UNLESS OTHERWISE NOTED
GA	GAUGE	VCT	VINYL COMPOSITION TILE
GLV	GALVANIZED	VERT	VERTICAL
GB	GRAB BAR	VF	VERIFY IN FIELD
GFRG	GLASS FIBER REINFORCED CONCRETE	(W)	WIDTH
GFRG	GLASS FIBER REINFORCED GYPSUM	W/O	WITHOUT
GL	GLASS	WC	WATER CLOSET
GND	GROUND	WD	WOOD
GR	GRADE	WOW	WINDOW
GWB	GYPSUM WALL BOARD	WP	WATERPROOF
GYP	GYPSUM	WR	WATER RESISTANT
		WRSCT	WATER RESISTANT MANSICOT
HB	HOSE BIBB	WT	WEIGHT
HC	HOLLOW CORE		
HEP	HANDICAPPED		
HDWR	HARDWARE		
HEPA	HIGH EFFICIENCY PARTICULATE AIR (FILTER)		
HM	HIGH POINT		
HP	HOLLOW METAL		
HPC	HIGH PERFORMANCE COATING		
HORIZ	HORIZONTAL		
HR	HOUR		
HT	HEIGHT		
ID	INSIDE DIAMETER		
IE	INVERT ELEVATION		
INSUL	INSULATION		
INT	INTERIOR		
JAN	JANITOR		
JST	JOIST		
JT	JOINT		

B. ARCHITECTURAL SYMBOLS



A. ARCH. GENERAL NOTES

- CONDITIONS THAT ARE NOT DETAILED SHALL BE ASSUMED TO BE SIMILAR IN CHARACTER TO THOSE WHICH ARE. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER PRIOR TO PROCEEDING WITH THE WORK.
- ALL WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE. SCALED DIMENSIONS TAKEN BY THE SUB-CONTRACTOR, WITHOUT CONSULTING THE ARCHITECT/ENGINEER, ARE USED AT HIS OWN RISK. ANY CONFLICT WITH OTHER PARTS OF THE PROJECT AS RESULT OF SUB-CONTRACTOR SCALED DIMENSIONS WILL BE CORRECTED AT CONTRACTOR'S SOLE EXPENSE.
- DIMENSIONS ARE TAKEN TO FACE OF FINISH, FACE OF CONCRETE, OR FACE OF MASONRY, UNLESS OTHERWISE NOTED.
- WHERE REQUIRED FOR FIRE RESISTIVE CONSTRUCTION, ALL WOOD TRIM, SPACERS, FILLERS, BLOOMING, ETC., SHALL BE FIRE TREATED.
- ALL PIPES, DUCTS AND CONDUITS THAT PENETRATE FLOOR SLABS AND/OR RATED WALLS SHALL BE INSTALLED IN A MANNER THAT WILL PRESERVE THE FIRE RESISTANCE AND STRUCTURAL INTEGRITY OF THE BUILDING.
- EACH SUB-CONTRACTOR SHALL COORDINATE PLACEMENT OF THEIR CEILING ELEMENTS WITH OTHER SUB-CONTRACTORS. WHERE DISCREPANCIES EXIST BETWEEN DRAWINGS AND INSTALLATION, THE SUB-CONTRACTOR SHALL CONSULT THE CONSTRUCTION MANAGER PRIOR TO PROCEEDING WITH THE WORK.
- THE DRAWINGS DO NOT SHOW ALL REQUIRED ACCESS PANELS. THE SUB-CONTRACTOR SHALL CONSULT WITH ALL SUB-CONTRACTORS AND SUBMIT DRAWINGS SHOWING ALL REQUIRED ACCESS PANELS AND INDICATING BOTH SIZE AND TYPE.
- THE SUB-CONTRACTOR AS DEEMED BY THE CONSTRUCTION MANAGER SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACINGS, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL TOILET ROOM ACCESSORIES AND PARTITIONS, AND ALL WALL MOUNTED AND SUSPENDED MECHANICAL, ELECTRICAL AND MISCELLANEOUS EQUIPMENT.
- ON CONTINUOUS WALL SURFACES INVOLVING MORE THAN ONE MATERIAL, FINISH OR MATERIAL THICKNESS TO AVOID WITH FACE OF ADJACENT SURFACE, UNLESS OTHERWISE NOTED.
- CONCRETE EQUIPMENT PADS AS SHOWN ON ARCHITECTURAL DRAWINGS ARE SHOWN TO ACCEPT EQUIPMENT FROM MANUFACTURERS AS SPECIFIED. SUB-CONTRACTOR TO FURTHER VERIFY SIZE AND LOCATION UPON RECEIPT OF APPROVED EQUIPMENT SHOP DRAWINGS. IN THE EVENT OF ACCEPTED SUBSTITUTIONS, SUB-CONTRACTOR TO SUBMIT REVISED EQUIP PAD SIZE AND LOCATION, AND TO COORDINATE ALL ITEMS AFFECTED BY THE ACCEPTED SUBSTITUTION.

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

SECTION AND DETAIL KEY

NUMBER OF SECTION OR DETAIL

THIS DOCUMENT CONTROLLED BY

CHANGE CONTROL SYSTEM

ENGINEERING PROCEDURE SNS-ENG-0001

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR	
3	-	4	-																					
2	C	4	8																					
1	-	4	-																					
0	-	4	-																					

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UT-BATTELLE, LLC • Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE
ARCHITECTURAL SYMBOLS,
ABBREVIATIONS & GENERAL NOTES

1	48	49	50	PLANT	BLDG	FL	SH	OF TYPE	CLASS
3	A	X	X	8	8000	1	1	G	U
51	52	53		WBS					
NC	NA			1.83					

REV. 3 DATE 10/26/01 UTB JR LAWSON 6/28/01