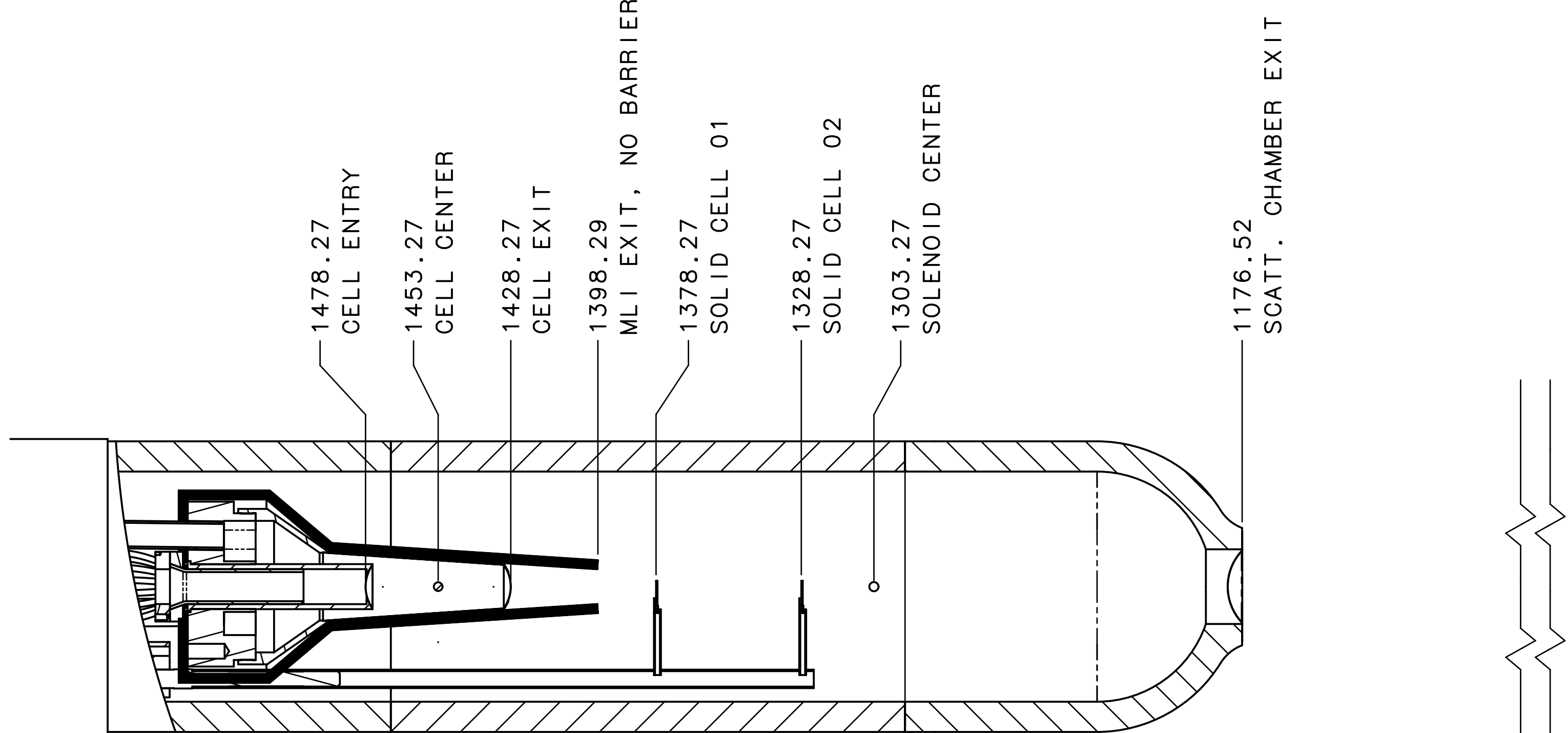
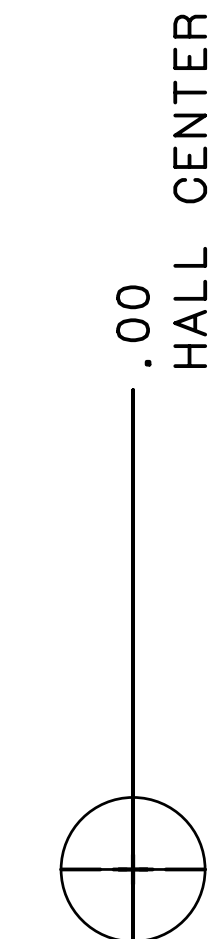
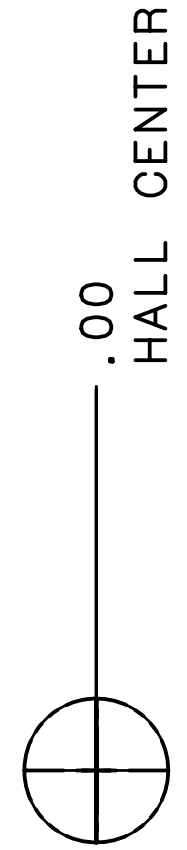


SECTION 5-7E  
TARGET CELL TO HALL CENTER  
(SHOWN IN LIQUID CONFIG.)



SECTION 5-7D  
TARGET CELL TO HALL CENTER  
(SHOWN IN SOLID CONFIG.)



## LIQUID CELL (50mm LONG)

TABLE -A- MATERIALS IN THE BEAM LINE			
ITEM	DRAWING NO.	MATERIAL	THICKNESS
TARGET CELL ENTRY	BD2301-03-01-0100	ALUMINUM	30um
TARGET CELL EXIT		ALUMINUM	30um
SOLID FOIL 01 RIGHT	-	COPPER	90um
SOLID FOIL 02 RIGHT	-	TIN	180um
SOLID FOIL 01 LEFT	-	CARBON	2000um
SOLID FOIL 02 LEFT	-	CARBON	2000um
SCATTERING CHAMBER EXIT	B00000-03-01-0300	ALUMINUM	50um
VACUUM VOL. ENTRY (DOWNSTREAM)	B00000-02-07-0210	ALUMINUM	75um

TABLE -C- STEPPER MOTOR POSITIONS	
LOCATION	DEGREES
RIGHT FOIL LIMIT	0
RIGHT FOIL BEAM	2.5
CENTER	30.0
LEFT FOIL BEAM	57.5
LEFT FOIL LIMIT	60.0

## SOLID FOILS

TABLE -B- MATERIALS IN THE BEAM LINE			
ITEM	DRAWING NO.	MATERIAL	THICKNESS
TARGET CELL ENTRY	BD2301-03-01-0100	ALUMINUM	30um
TARGET CELL EXIT		ALUMINUM	30um
SOLID FOIL 01 RIGHT	-	COPPER	90um
SOLID FOIL 02 RIGHT	-	TIN	180um
SOLID FOIL 01 LEFT	-	CARBON	2000um
SOLID FOIL 02 LEFT	-	CARBON	2000um
SCATTERING CHAMBER EXIT	B00000-03-01-0300	ALUMINUM	50um
VACUUM VOL. ENTRY (DOWNSTREAM)	B00000-02-07-0210	ALUMINUM	75um

TABLE -D- STEPPER MOTOR POSITIONS	
LOCATION	DEGREES
RIGHT FOIL LIMIT	0
RIGHT FOIL BEAM	2.5
CENTER	30.0
LEFT FOIL BEAM	57.5
LEFT FOIL LIMIT	60.0

PRELIMINARY

SIZE	DWG. NO.	REV.
E	BD2301-02-00-0000	-
SCALE	N/A	USED ON ASSY NO. N/A
	SHEET 5	OF 5