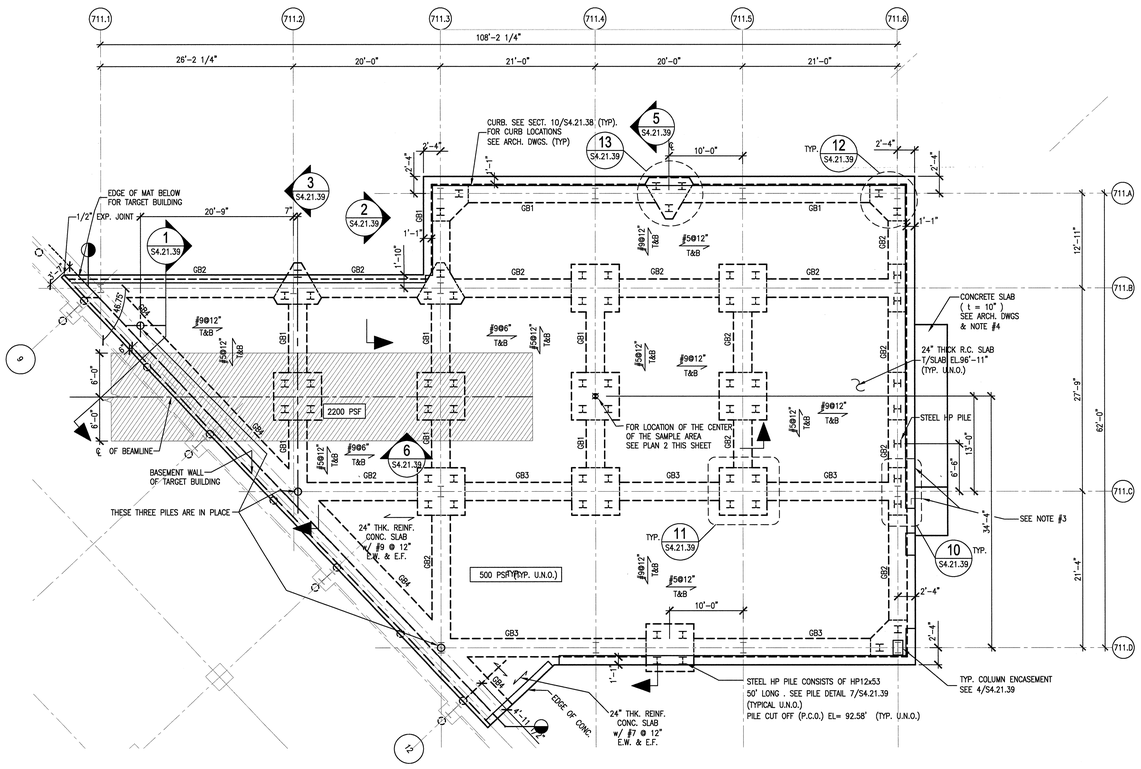


1 FOUNDATION PLAN
S2.01.56 SCALE: 1/8"=1'-0" SFD010-5A

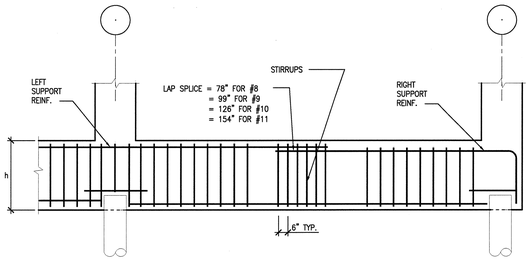
NOTES:

1. GB1 – INDICATES GRADE BEAM NUMBER. SEE GRADE BEAM SCHEDULE ON THIS SHEET.
2. PILE CUT OFF (PCO) ELEVATION = 92.59' (1068.59')
3. #6 @ 12" DOWELS, CENTERED IN SLAB. PROVIDE 6" x 1'-0" DEEP BLOCKOUT (LEDGE) @ GRADE BEAM FOR SLAB.
4. REINFORCE SLAB w/ #4 @ 12" EACH WAY, TOP & BOTTOM

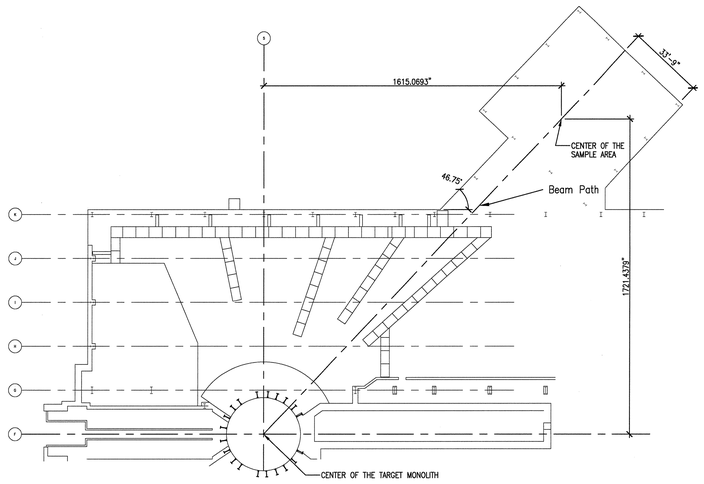
GRADE BEAM SCHEDULE

Mark	Size		Reinforcing Steel							Clearance			f'c (psi)
			Bottom Bars	Top Bars		Side Bars	Stirrups						
	Width (in.)	Depth (in)		Left Support	Right Support	(Ea. Face)	Size	Type	Spacing	Top (in.)	Bttom (in.)	Side (in.)	
GB1	30	42	11#11	11#11	11#11	2#9	#5	▭	8"	2"	3"	3"	5000psi
GB2	30	42	6#11	6#11	6#11	2#9	#5	▭	8"	2"	3"	3"	5000psi
GB3	30	42	14#11	14#11	14#11	2#9	#5	▭	8"	2"	3"	3"	5000psi
* GB4	30	60	9#11	9#11	9#11	3#9	#5	▭	8"	2"	3"	3"	5000psi

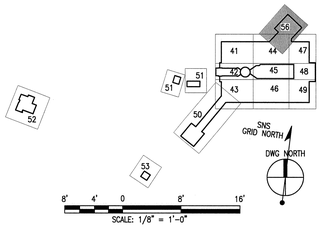
NOTE: * – INDICATES THAT TOP BARS ARE TO BE CONTINUOUS AT THE CANTILEVER END, EXTENDING INTO THE CANTILEVER BEAM.



3 TYP. GRADE BEAM ELEVATION
S2.01.56 SCALE : NONE SSH033002-5A



2 INSTRUMENT BUILDING LOCATION LAYOUT
S2.01.56 NONE



108030700-S8E-8711-A001

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PROJECT NAME:
SPALLATION NEUTRON SOURCE

BUILDING 11TU
FOUNDATION PLAN
LEVEL 1, SECTOR 56

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	S	X	X	8	8711		1	1	P	U
51		52		53	WBS		S2.01.56			REV
NC		NA			1.8.3.7					1

DSN	G. REDDY	3/2/01
DRW	G.MARSZALEK	3/2/01
CHK	R.WALKINGTON	3/2/01
DEPT		
PE	C. GARREN	3/14/01
PJ	R. DEAN	3/15/01
REQ		
UTB	J. LAWSON	3/15/01

RPE
JOHN BUSCH REGISTERED ENGINEER AGRICULTURE NO. 23236 STATE OF TENNESSEE

REV. 1 DATE 11/3/01

DRAWING APPROVALS

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE CONTROL NUMBER	DESCRIPTION	DSN	CHK	DEPT
1				CERTIFIED FOR CONSTRUCTION – 10/26/01	GPR	REW	
0				PILES CERTIFIED FOR CONSTRUCTION – 3/2/01	GPR	REW	

REVISION OR ISSUE PURPOSE

DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
11/3/01		11/5/01	RAD	11/16/01			JRL	11/16/01	JJB	23236	11/13/01
	CLG	3/14	RAD	3/15				3/15	JJB	23236	3/2/01

REVISION APPROVALS

ST	CV	EC	EE	EM	IE	M	PD	SE	AR
REW		WRS	AK	WRS	BWJ		MP		ED
SC		WRS	RL	WRS	BWJ		MP		WAS

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 3
ENGINEERING PROCEDURE SNS-ENG-G001

Date: 11/13/2001 Time: 10:58:27
Filename: MARSZALEK
J:\PLANTS\SNS\8000\700\D400\MAR_SA*AS_PLOT\S2-01-56.DWG

AutoCAD