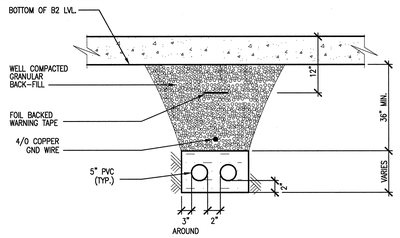
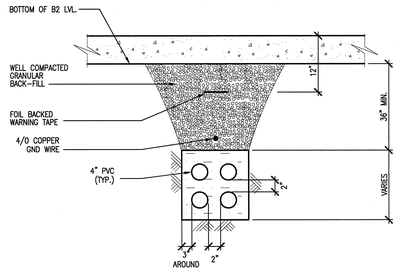


9 TYPICAL DUCT BANK SECTION AT EXTERIOR WALL LEVEL B2
SCALE: NOT TO SCALE



9A TYPICAL DUCT BANK SECTION AT EXTERIOR WALL LEVEL B2
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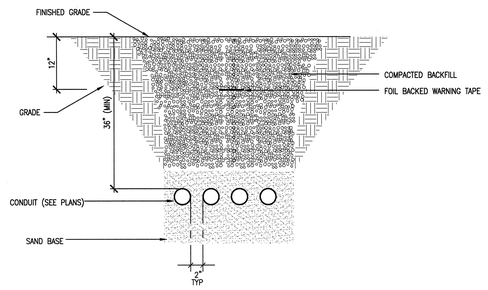

10 TYPICAL UNDERGROUND PVC CONDUITS
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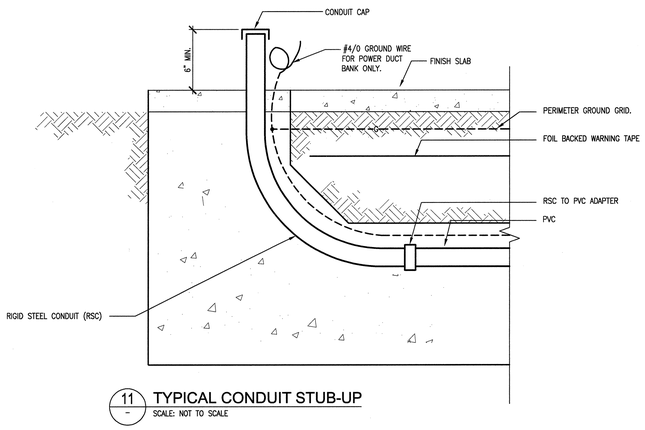

11 TYPICAL CONDUIT STUB-UP
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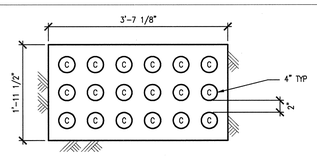

12 COMMUNICATIONS DUCT BANK SECTION
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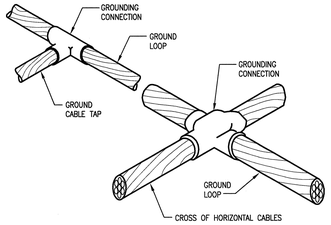

7 GROUND CABLE CONNECTION DETAIL
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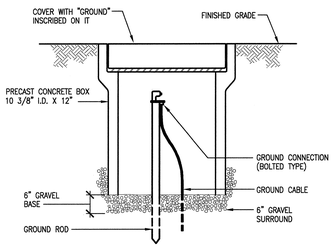

8 GROUND WELL DETAIL
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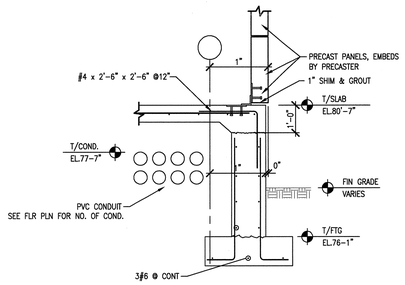

4 TYPICAL CONDUIT ROUTING
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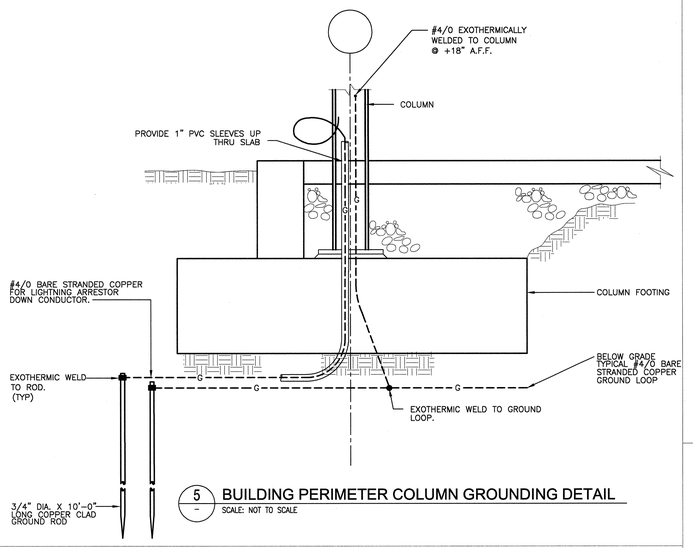

5 BUILDING PERIMETER COLUMN GROUNDING DETAIL
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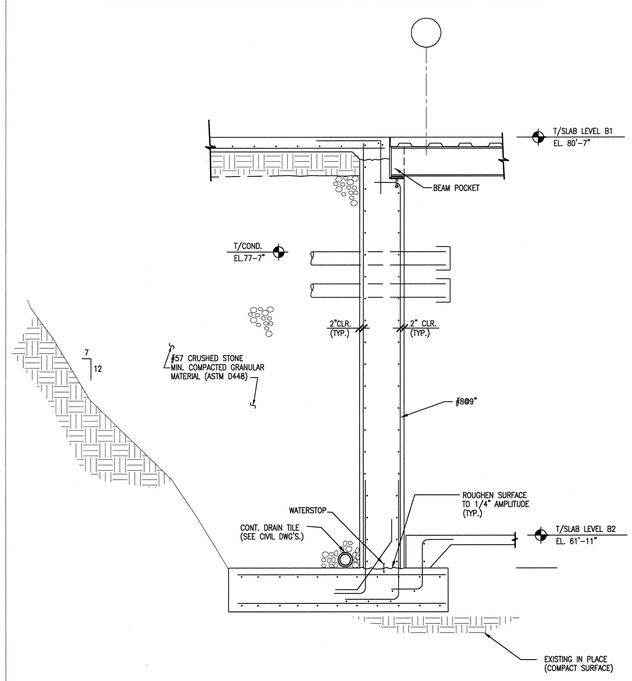

6 ELECTRICAL SUBSTATION ROOM WALL PENETRATION
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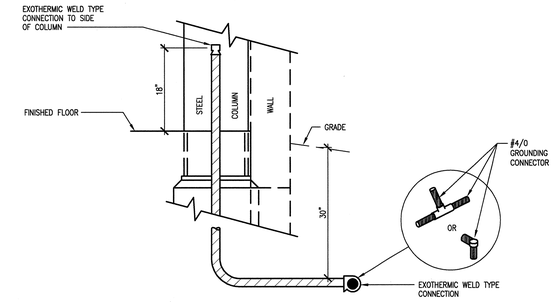

1 COLUMN TO GROUND LOOP CONNECTION
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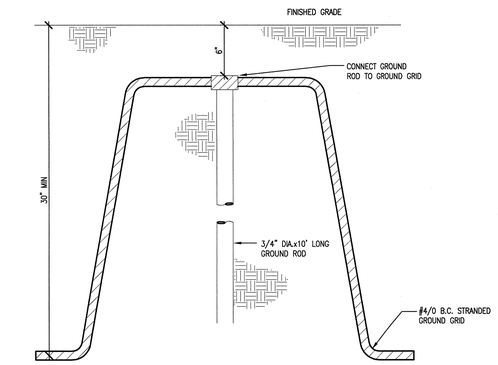
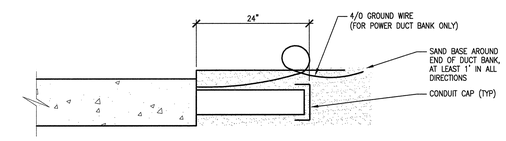


2 GROUND ROD DETAILS
SCALE: NOT TO SCALE



3 TYPICAL END OF DUCT BANK DETAIL
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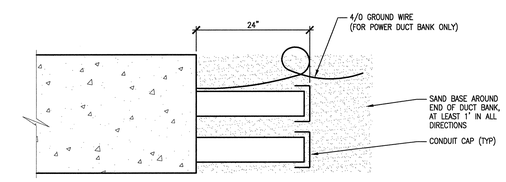

3A TYPICAL END OF DUCT BANK DETAIL
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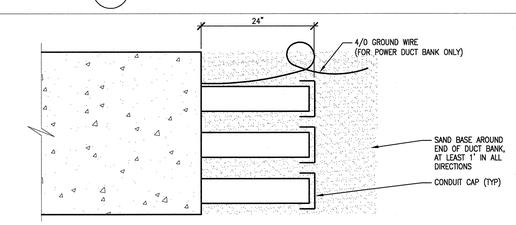

3B TYPICAL END OF DUCT BANK DETAIL
SCALE: NOT TO SCALE

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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 4
ENGINEERING PROCEDURE SNS-ENG-G001

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT
1				CERTIFIED FOR CONSTRUCTION – 12/20/01	DD	RL	
0	–	–	–	CERTIFIED FOR CONSTRUCTION – 05/15/2001	DD	RL	

REVISION OR ISSUE PURPOSE

DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
	CLG	10/1/01	JS	08/21/01			JRL	10/8/01	VGS	106009	5/15/01
12/20/01	VGS	106009	12/20/01								

REVISION APPROVALS

ST	CV	EC	EE	EM	IE	M	PD	SE	AR
RW	AW	BWJ	PD	BWJ	BWJ	--	BWJ	--	ED

SQUAD CHECK

RPE: CLIFFORD G. STEELE, REGISTERED ENGINEER, No. 0021060, STATE OF TENNESSEE, 12-17-01

REV.	DATE
1	12-17-01

DRAWING APPROVALS

DSN	D.DANIELSON	5/15/01
DRW	S. BARNETT	5/15/01
CHK	R.LENNIG	5/15/01
DEPT		
PE	C.GARREN	10/1/01
PJ	J. STELLERN	8/21/01
REQ		
UTB	J.LAWSON	10/8/01

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Knight/Jacobs Joint Venture
701 Scarboro Road, MS 8253
Oak Ridge, TN 37830
865-241-9433
fax 865-241-3400

KNIGHT
Knight Advanced Technology
4710 East Elwood, Suite 89
Phoenix, AZ 85040

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PROJECT NAME:
SPALLATION NEUTRON SOURCE
CENTRAL LAB AND OFFICE BUILDING
ELECTRICAL DETAILS
SHEET 1

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	E	X	X	8	8600		1	1	P	U
51		52		53	WBS					REV
NC		NA			1.8.3.14		E8.10.46			1

AutoCAD
Date: 04/19/2001 Time: 13:58:49
Drawing: E8.10.46
FILE:P:\DOE\PROJECTS\SNS\DGN\ENG\ENG_DER\ENG_DER\ENG_DER\ENG_PLOT\E8-10-46.DWG