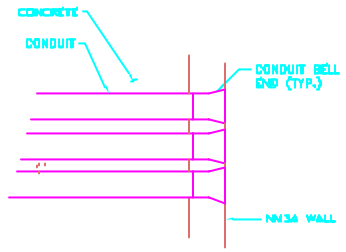
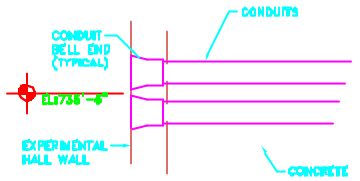
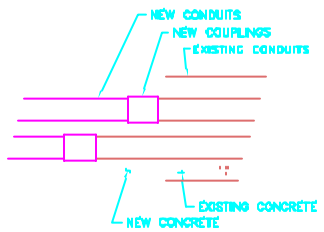


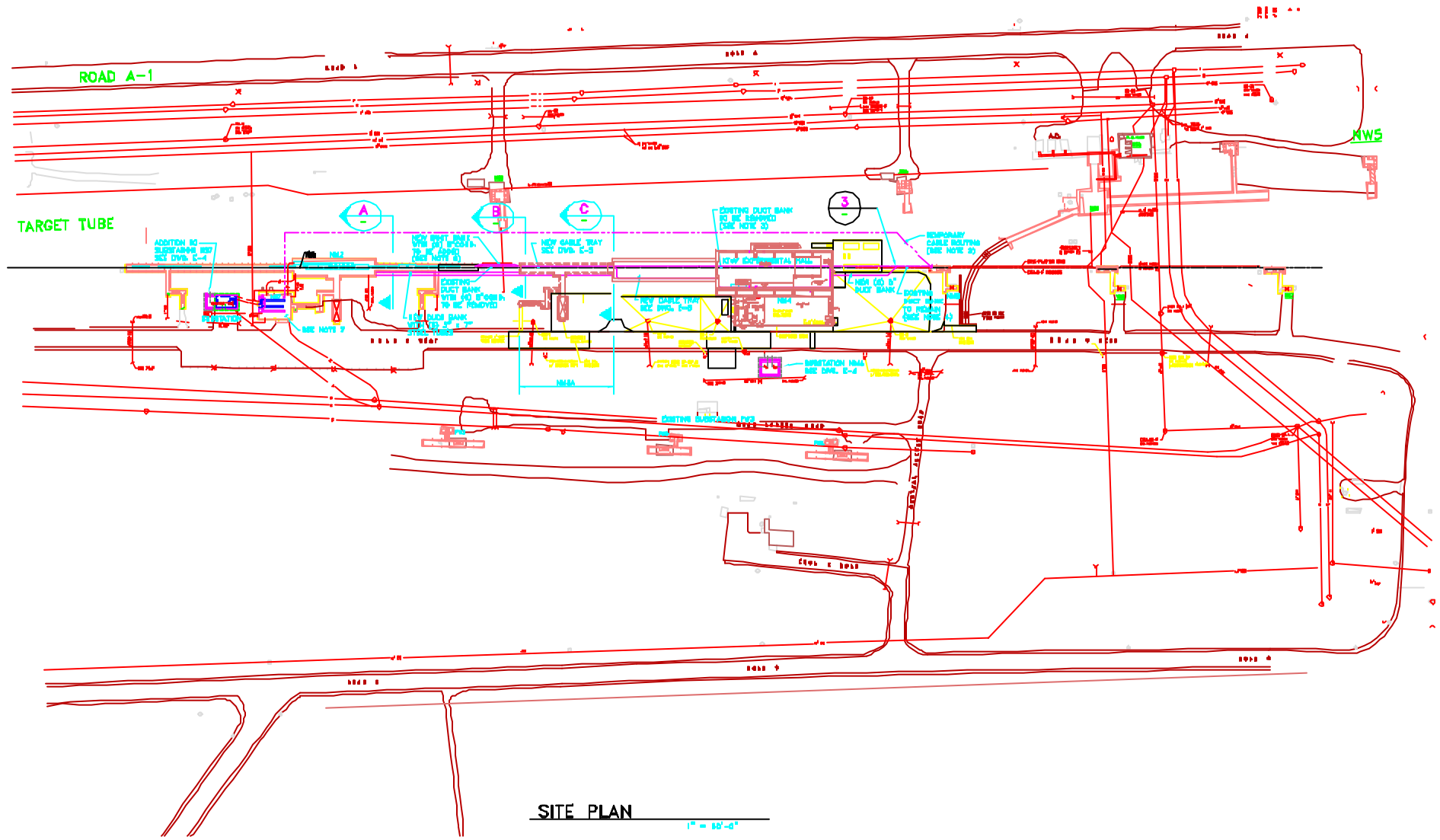
DETAIL 1
SCALE 1"=1'-0"



DETAIL 2
SCALE 1"=1'-0"



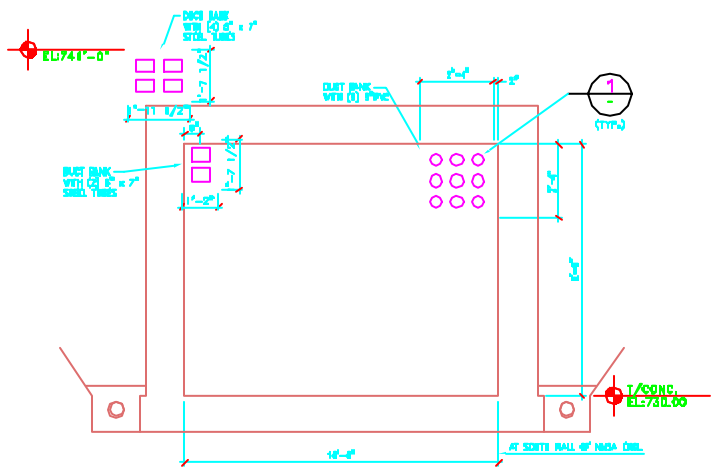
DETAIL 3
SCALE 1"=1'-0"



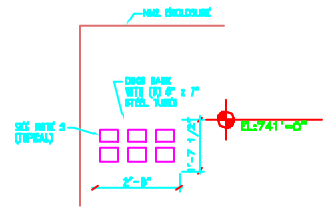
SITE PLAN
1" = 50'-0"

EXISTING CABLE TABULATIONS

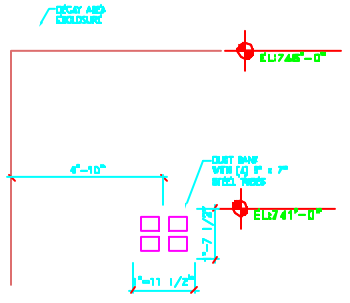
ITEM	FROM	TO	CABLE	SYSTEM	NOTES	APPROX. LENGTH
15	NS7RP	NM3	7-1/2" CATV	CAMAC	NOTE 2	548'
16	NS7RP	NM3	4-1/2" CATV	TV	NOTE 1	548'
17	NS7RP	NM3	3-1/2" CATV	FIRUS	NOTE 2	343'
26	NS7RP	NM3	4-22 PAIR #22	SWIC	NOTE 1	330'
27	NS7RP	NM3	2-12 PAIR #18	INTERLOCKS	NOTE 1	800'
28	NS7RR	NM3	1-3 PAIR #18	INTERLOCKS	NOTE 1	800'
29	NM2XX1	NM3X1	1-25C #18	TRUNK	NOTE 1	328'
30	NM2XX1	NM3X1	1-27 PAIR #22	TRUNK	NOTE 1	328'
31	NM2XX1	NM3X1	1-BUNDLE, Rg 58 RED	TRUNK	NOTE 1	328'
32	NM2XX1	NM3X1	1-BUNDLE, Rg 58 GRN	TRUNK	NOTE 1	328'
33	NM2XX1	NM3X1	1-25C #18	KILDON	NOTE 1	328'
34	NM2XX1	NM3X1	1-3 PAIR #18	INTERCOM	NOTE 1	328'
35	NM2XX1	NM3X1	1-25C #18	VACUUM	NOTE 1	328'
36	NM2XX1	NM3X1	1-12 PAIR #18	VACUUM	NOTE 1	328'
37	NM3	NM6	7-1/2" CATV	CAMAC	NOTE 2	536'
38	NM3	NM6	4-1/2" CATV	TV	NOTE 1	536'
39	NM3	NM6	3-1/2" CATV	FIRUS	NOTE 2	858'
40	NM3	NM4	1-3 PAIR #18	INTERCOM	NOTE 1	258'
41	NM3	NM4	2-25C #18	XX, VACUUM	NOTE 1	258'
42	NM3	NM4	1-12 PAIR #18	XX, VACUUM	NOTE 1	258'
43	NM3	NM4	2-12 PAIR #18	INTERLOCKS	NOTE 1	343'
44	NM3	NM4	1-3 PAIR #18	INTERLOCKS	NOTE 1	343'
45	NM4	NM5	1-3 PAIR #18	INTERCOM	NOTE 1	241'
46	NM4	NM5	2-25C #18	XX, VACUUM	NOTE 1	241'
47	NM4	NM5	1-12 PAIR #18	XX, VACUUM	NOTE 1	241'
48	NM4	NM5	2-12 PAIR #18	INTERLOCKS	NOTE 1	351'
49	NM4	NM5	1-3 PAIR #18	INTERLOCKS	NOTE 1	351'
50	NM4	NM5	1-18C #19	KILDON	NOTE 1	241'
51	NM4	NM5	4-500 MCM	4Q	NOTE 1	241'
236	NS2RR	NM8	1-3 PAIR	MUX	NOTE 1	235'
236	NM8	NS7RR	1-3 PAIR	MUX	NOTE 1	1210'
237	NS7RR	NM8	1-3 PAIR	MUX	NOTE 1	1080'
238	NS7RR	NM3	1-8 PAIR #22	DEMUX	NOTE 1	350'
239	NM3	NM4	1-8 PAIR #22	DEMUX	NOTE 1	258'



SECTION B
SCALE 1/2"=1'-0"



PARTIAL SECTION A
SCALE 1/2"=1'-0"



PARTIAL SECTION C
SCALE 1/2"=1'-0"

NOTES:

1.) THE CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING CABLES FROM NM2 TO NM3. (SEE TABULATION)

2.) TEMPORARY CABLES TO BE FURNISHED & INSTALLED BY FERMILAB. (SEE TABULATION)

3.) EXISTING DUCT BANK (8 - 6" CONDUITS) SHALL BE REMOVED FROM EXISTING NM2 ENCLOSURE TO SOUTH OF EXPERIMENTAL HALL AS INDICATED.

4.) EXISTING DUCT BANK TO REMAIN SHALL BE REROUTED TO THE EXPERIMENTAL HALL (SEE DETAIL 2 & 3).

5.) 5" x 7" STEEL TUBE DUCTS SHALL BE ASTM A500 GRADE "B" CARBON STEEL, INSTALLED WITHOUT ANY BENDS FROM ENCLOSURE TO ENCLOSURE.

6.) EXISTING DUCT BANK (8 - 6" CONDUITS) PENETRATIONS AT NM2 ENCLOSURE SHALL BE UTILIZED FOR NEW INSTALLATION AND 3 - 6" CONDUIT PENETRATIONS ADDED AS REQUIRED.

7.) TEMPORARY POWER TO EXPERIMENTAL AREA FOR CONSTRUCTION PHASE IS TO BE OBTAINED FROM BUILDING NS7. THE SUB-CONTRACTOR IS TO INSTALL POLE AND CONDUCTORS AS DIRECTED BY FERMILAB.

No.	Date	Drawing Issue Description	By

	NAME	DATE
DISCIPLINE REVIEW	D. VALDES	1/28/94
DIRECTORS REVIEW	J. TITUS S. DIXON	1/28/94
ES&P APPROVAL	E. CRUMPLEY	1/28/94
FERMI APPROVAL	W. NESTANDER	1/28/94
DRAWN BY	C. BOCK	1/28/94

PROJECT NORTH

SCALES

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

KTeV EXPERIMENTAL AREA
ELECTRICAL SITE PLAN

DRAWING NO. 8-6-3 E-3 REV.

28 JAN. 1994

DGN:E3Tmm 01/24/94 08:18:47 User: KW File:mm:e:\PAREN\KEPS\E3