H-13600-20

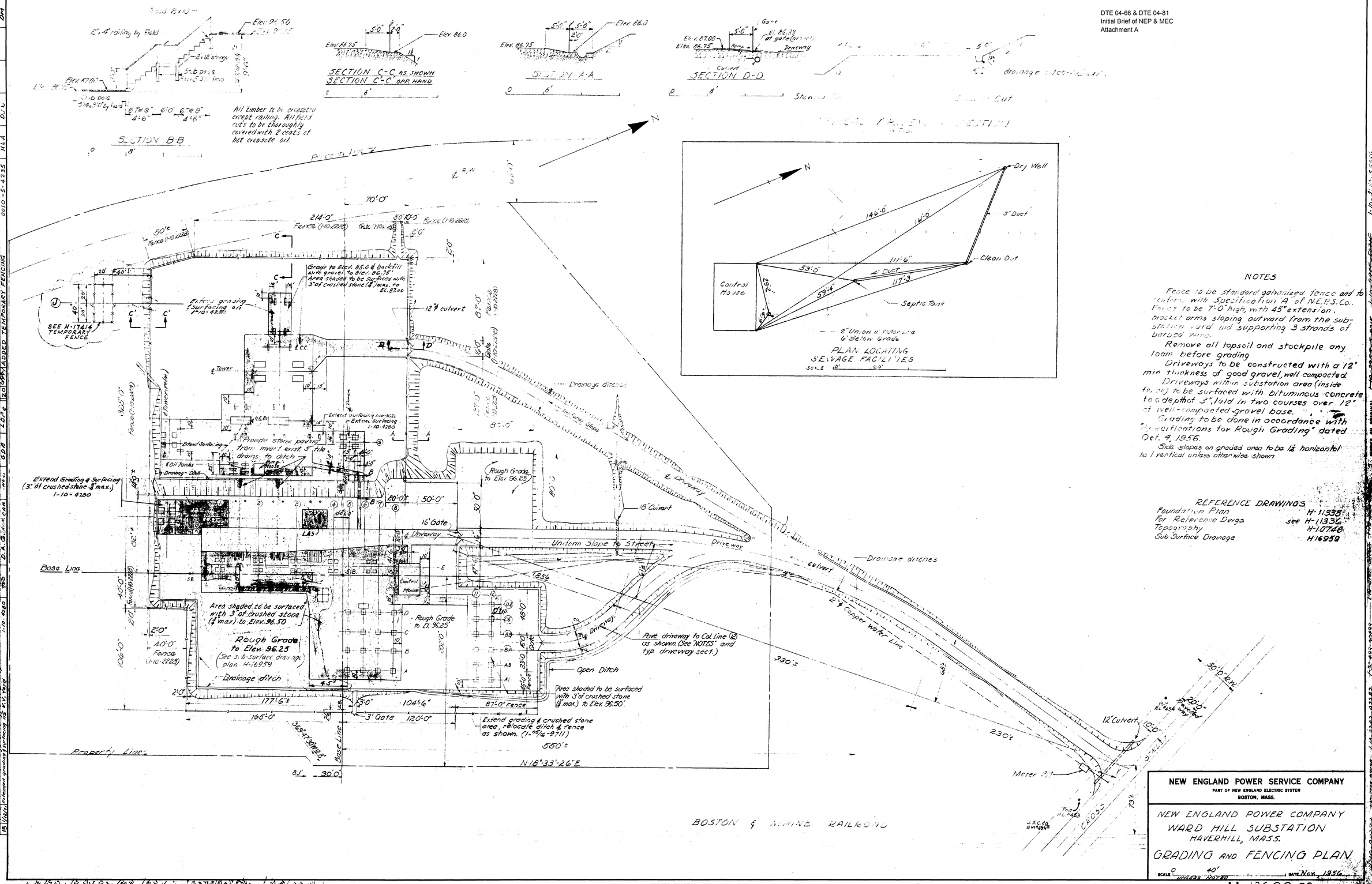
DTE 04-66 & DTE 04-81
Initial Brief of NEP & MEC
Attachment A

REVISIONS

REV	DATE	DESCRIPTION	MADE	CHECKED	INSPECTED	CORRECT	APPROVED	APPROVED
9	11/1/61	Revised Rough Grade to 86.0 for New Grade, Extension H-10-9228	EVE	L.L.		R.L.M.	S.D.B.	
10	1/19/61	Revised Section B-B & added Railing for Steps, drawn H-10-2229	EVE			R.L.M.	G.T.S.	
11	1/14/62	Extended Grading S.W. corner of yard	EVE	D.A.G.	R.C.N.	R.L.M.	G.J.D.	G.T.S.
12	1/16/62	Changed Fencing & Grading H-10-2223	RCN	D.A.G.	R.W.J.	R.L.M.	G.J.D.	G.T.S.
13	1/26/62	Extended surfacing & fencing to 23K line H-10-2225	RWJ	D.A.G.		R.L.M.	S.D.B.	G.T.S.
14	11/1/62	Revised driveway & gate, Extended grading H-10-2221	Allison	D.A.G.	D.W.C.	R.L.M.	G.J.D.	G.T.S.
15	11/1/62	Extended surfacing 115 KV yard H-10-2223	WD	D.A.G.		R.L.M.	G.J.D.	G.T.S.
16	11/1/62	Extended surfacing 23 KV line H-10-3925	MWD	D.A.G.		R.L.M.	G.J.D.	G.T.S.
17	10-1-63	Extended grading & surfacing, relocated ditch & fence as shown H-10-3957	TR	D.A.G.		R.L.M.	G.J.D.	G.T.S.
18	1/10/63	Extended grading & surfacing 115 KV yard H-10-4280	TRO	D.A.G.		R.L.M.	G.J.D.	G.T.S.
19	1/10/64	Added Temporary Fencing 0010-S-4235	HLA	D.V.C.				D.M.

REVISIONS

REV	DATE	DESCRIPTION	MADE	CHECKED	INSPECTED	CORRECT	APPROVED	APPROVED
1	7/9/57	Added Drainage Ditch	T.G.	D.A.G.	E.W.J.	R.L.M.	S.D.B.	
2	10/18/57	Added a Decorative Fence	R.W.J.	D.A.G.	R.W.J.	R.L.M.	G.J.D.	G.T.S.
3	3/14/62	Changed Fencing & Grading 1-10-1223	RCN	D.A.G.	R.W.J.	R.L.M.	G.J.D.	G.T.S.
4	7/26/61	Extended surfacing & fencing to 23KV line H-10-2222	R.W.J.	D.W.B.		R.L.M.	S.D.B.	G.T.S.
5	12/28/61	Extended crushed stone surfacing H-10-2221	Allison	D.A.G.	D.W.C.	R.L.M.	G.J.D.	G.T.S.
6	11/1/62	Revised driveway & gate, Extended grading H-10-2223	WD	D.A.G.		R.L.M.	G.J.D.	G.T.S.
7	4/1/63	Added interior driveway, added walk to control house H-10-2222	WD	D.A.G.		R.L.M.	G.J.D.	G.T.S.
8	7/9/63	Extended grading & surfacing 23 KV line H-10-3925	MWD	D.A.G.		R.L.M.	G.J.D.	G.T.S.
9	10-1-63	Extended grading & surfacing, relocated ditch & fence as shown H-10-3957	TR	D.A.G.		R.L.M.	G.J.D.	G.T.S.
10	1/10/64	Added Temporary Fencing 0010-S-4235	HLA	D.V.C.				D.M.



NOTES

Fence to be standard galvanized fence and to conform with Specification "A" of N.E.P.S.Co. Fence to be 7'-0" high, with 45° extension bracket arms sloping outward from the substation yard and supporting 3 strands of barbed wire.

Remove all topsoil and stockpile any loam before grading

Driveways to be constructed with a 12" min thickness of good gravel, well compacted.

Driveways within substation area (inside fence) to be surfaced with bituminous concrete to a depth of 3", laid in two courses over 12" of well-compacted gravel base.

Grading to be done in accordance with "Specifications for Rough Grading" dated Oct. 9, 1956.

Side slopes on graded area to be 1½ horizontal to 1 vertical unless otherwise shown

REFERENCE DRAWINGS

Foundation Plan	H-11335
For Reference Dwgs	see H-11336
Topography	H-10748
Sub Surface Drainage	H16959

NEW ENGLAND POWER SERVICE COMPANY
PART OF NEW ENGLAND ELECTRIC SYSTEM
BOSTON, MASS.

NEW ENGLAND POWER COMPANY
WARD HILL SUBSTATION
HAVERHILL, MASS.

GRADING AND FENCING PLAN

SCALE 0 40' UNLESS NOTED DATE Nov. 1956

H-13600-20