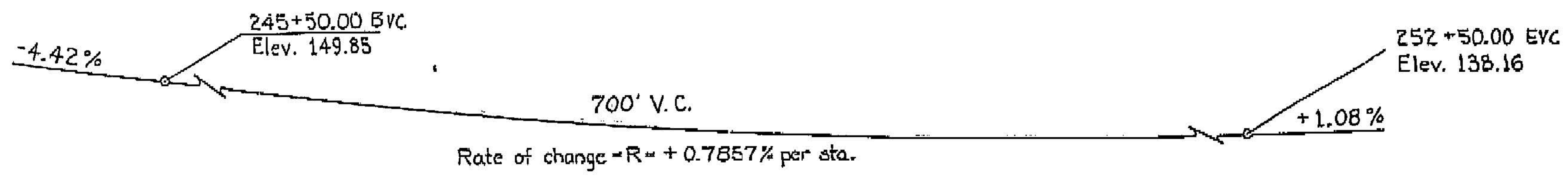
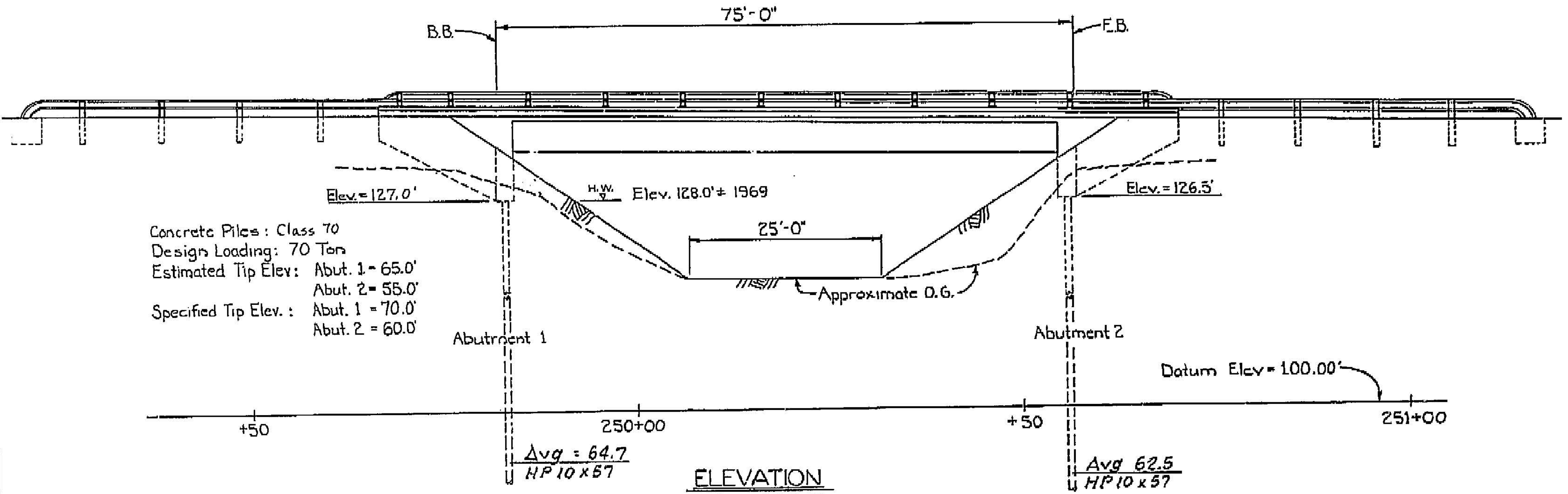
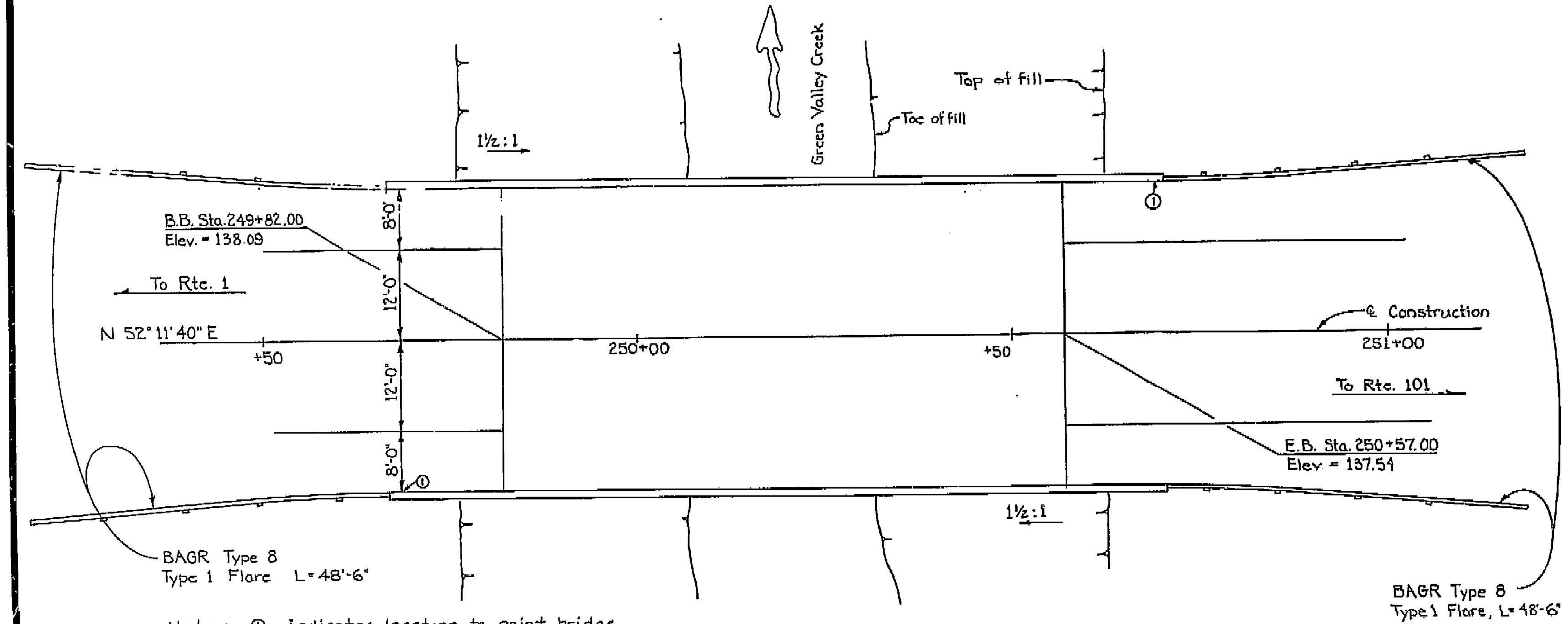


PROFILE GRADE
No Scale

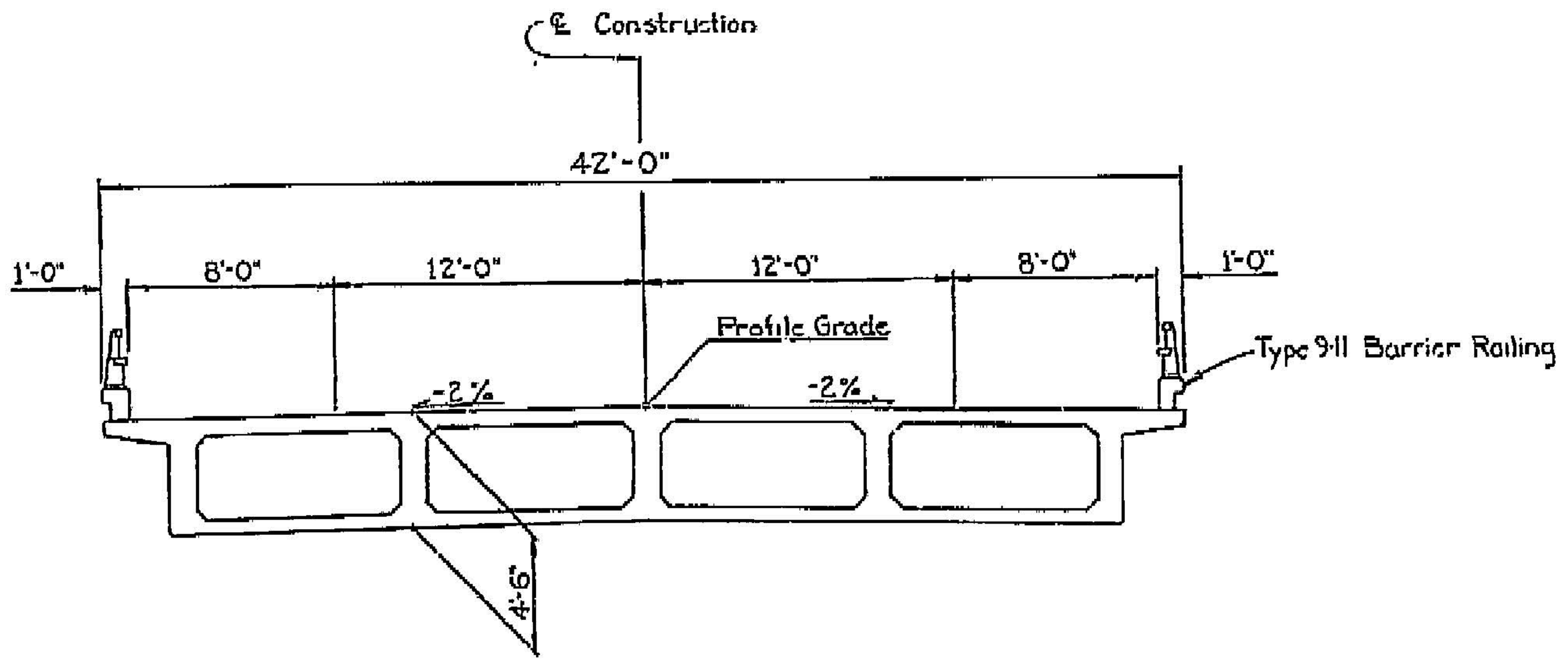


ELEVATION
Scale: 1" = 10'-0"



Note : ① Indicates location to paint bridge name, number and year constructed.

PLAN
Scale: 1" = 10'-0"



TYPICAL SECTION
Scale : 1" = 5'-0"

APPROXIMATE QUANTITIES

BRIDGE REMOVAL, LOCATION B	LUMP SUM
FURNISH CONCRETE PILING (CLASS 70)	Drive 733.8 ~~810 LF~~ Pay 733.8
DRIVE CONCRETE PILE (CLASS 70)	12 EA
BRIDGE APPROACH GUARD RAILING (TYPE 8)	194 LF
METAL RAILING (TYPE 11)	210 LF

FINAL QUANTITIES

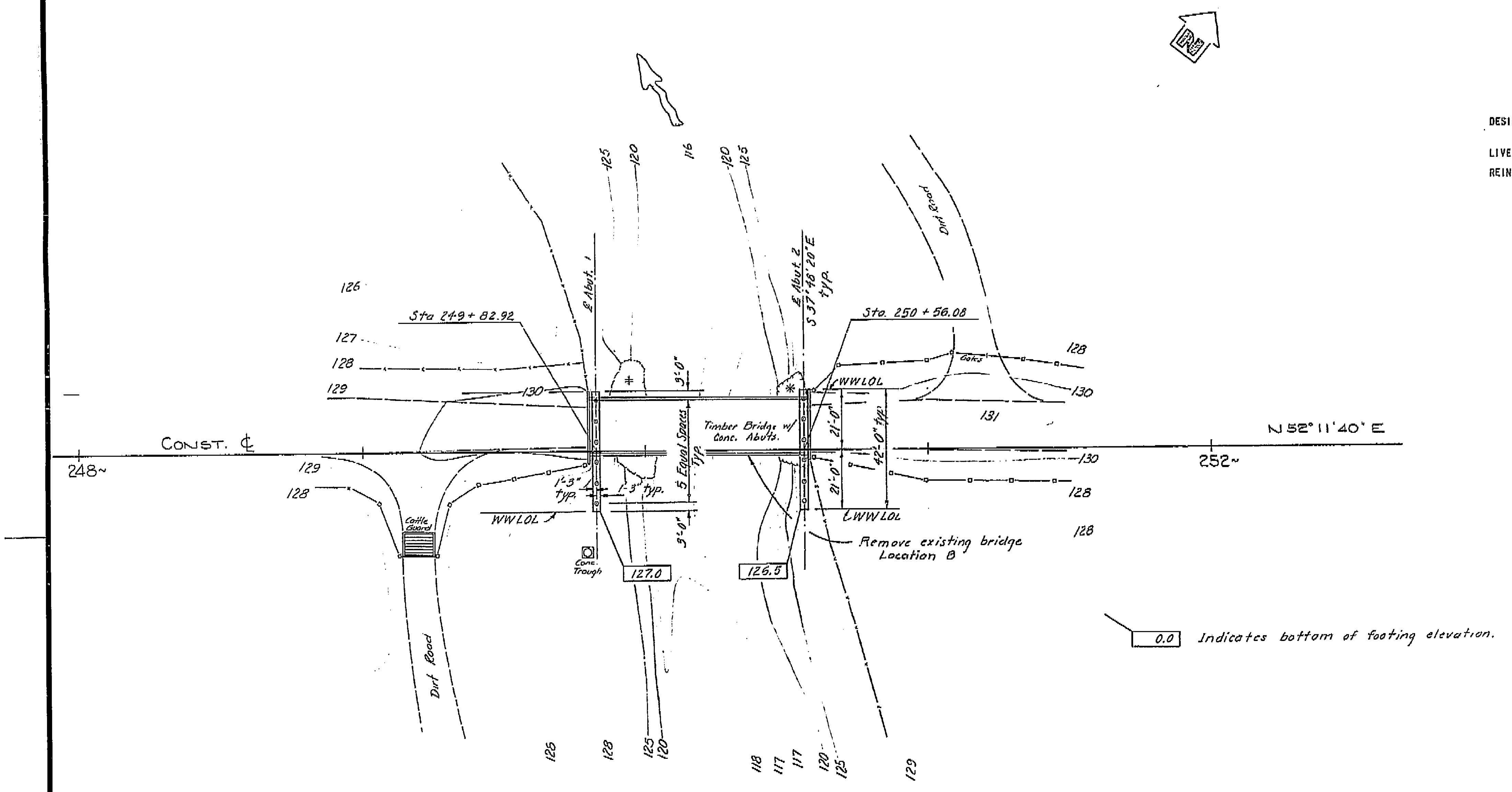
STRUCTURE EXCAVATION (BRIDGE)	110 CY
STRUCTURE BACKFILL (BRIDGE)	50 CY
PERVIOUS BACKFILL MATERIAL	10 CY
STRUCTURE CONCRETE, BRIDGE	265 CY
BAR REINFORCING STEEL (BRIDGE)	65,000 LB

Sheet No.	Title
1	General Plan
2	Foundation Plan
3	Grid Grades and Abutment Details
4	Typical Section
5	Girder Layout and Reinforcement
6	Log of Test Borings

STANDARD PLANS Dated Jan. 1971

A 35-9	P.C.C. Paving Details and Bridge Approaches
A 62-B.2	Ex. and Backfill Bridge & Wall - Limits of Payment
B0-1, 3, 5	Bridge Details
B2-5	Concrete Pile Details - Class 70
B7-1	Box Girder Details
B11-36/37	Bridge Approach Guard Railing - Type 8
B11-43	Metal Railing Details - Types 9 & 11
B11-45	Barrier Railing - Type 9-11

78



GENERAL NOTES

DESIGN: A.A.S.H.O. DATED 1969 WITH REVISIONS AND AS SUPPLEMENTED BY BRIDGE PLANNING AND DESIGN MANUAL.

LIVE LOADING: HS20-44 AND ALTERNATIVE

REINFORCED CONCRETE : F_S 24,000 PSI, EXCEPT
20,000 PSI IN TRANSVERSE DECK SLABS AND STIRRUPS

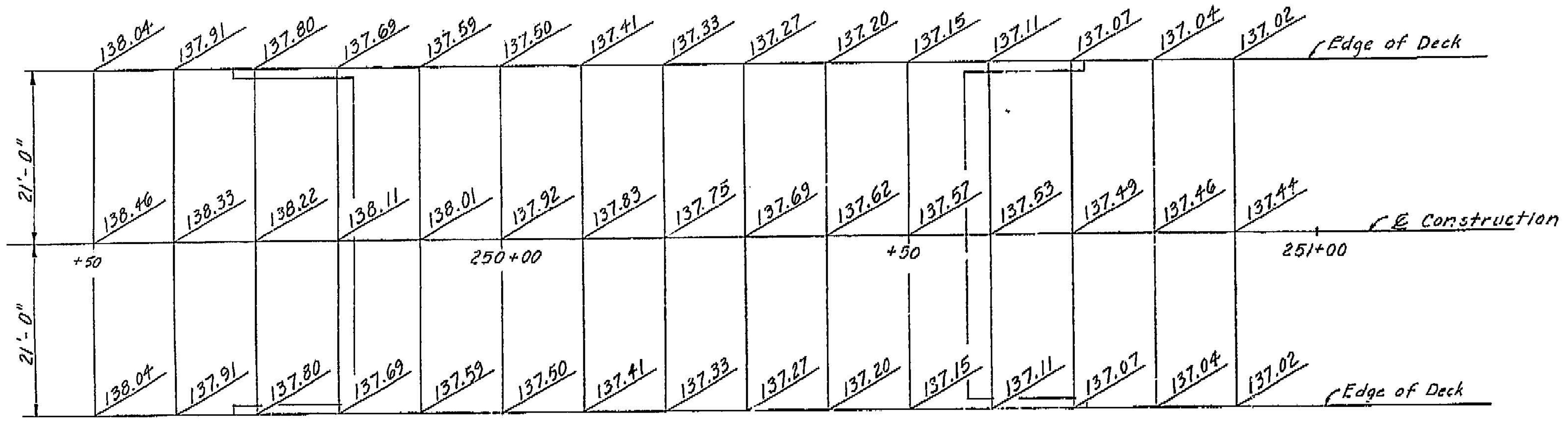
F_C 1,300 PSI, EXCEPT
1,200 PSI IN TRANSVERSE DECK SLABS

N 10

BM "IP"
Set on fd. iron pipe
26' Lt. Const ℄ 257+23
Elev. 134.06

BM "A"
Set chisled sq. @
upstr end NE abut.
3' Rt. Const. ℄ 250+58
Elev. 129.89

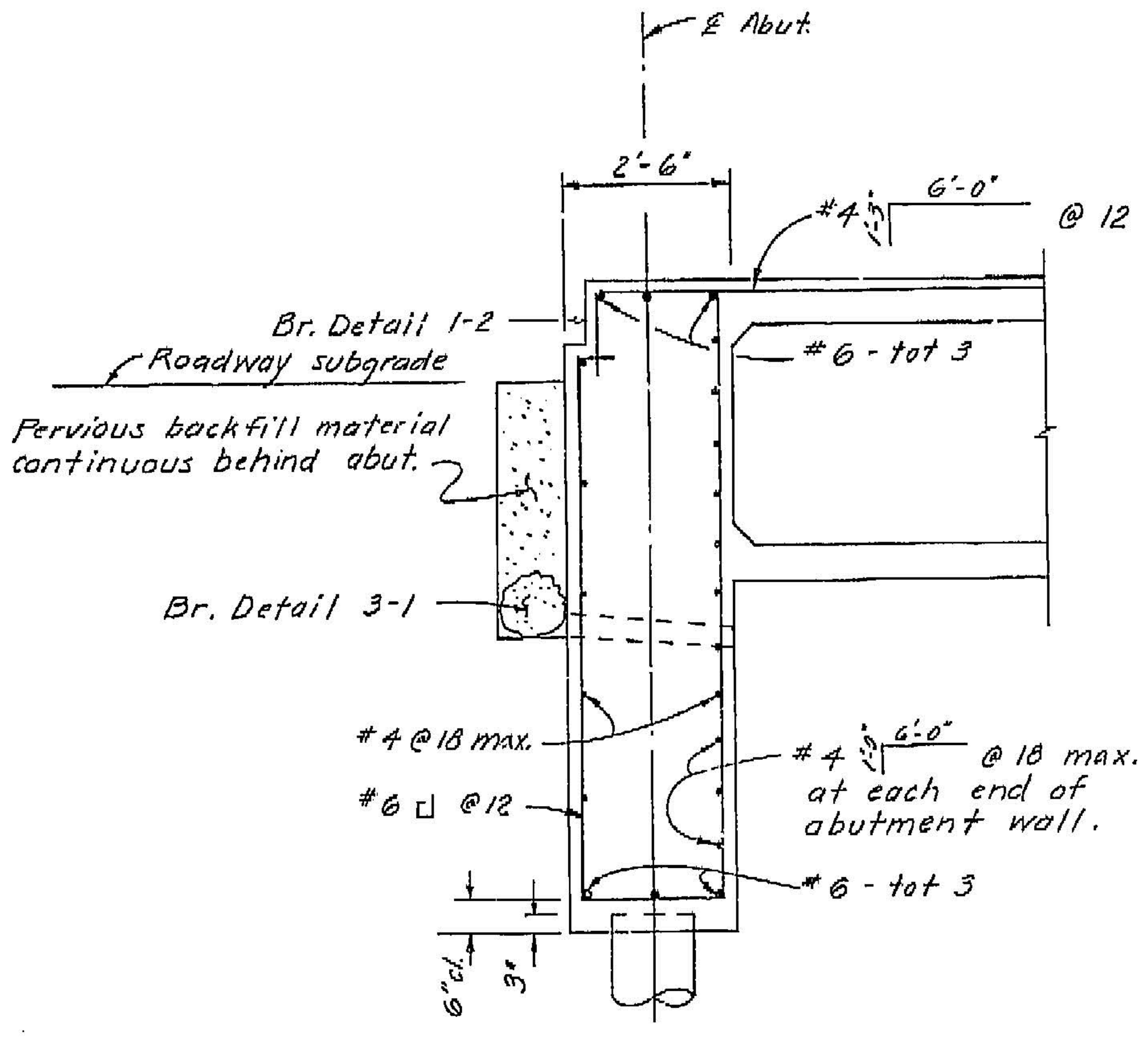
ǂ Loose rock riprap
✳ Sack conc. riprap



GRID GRADES

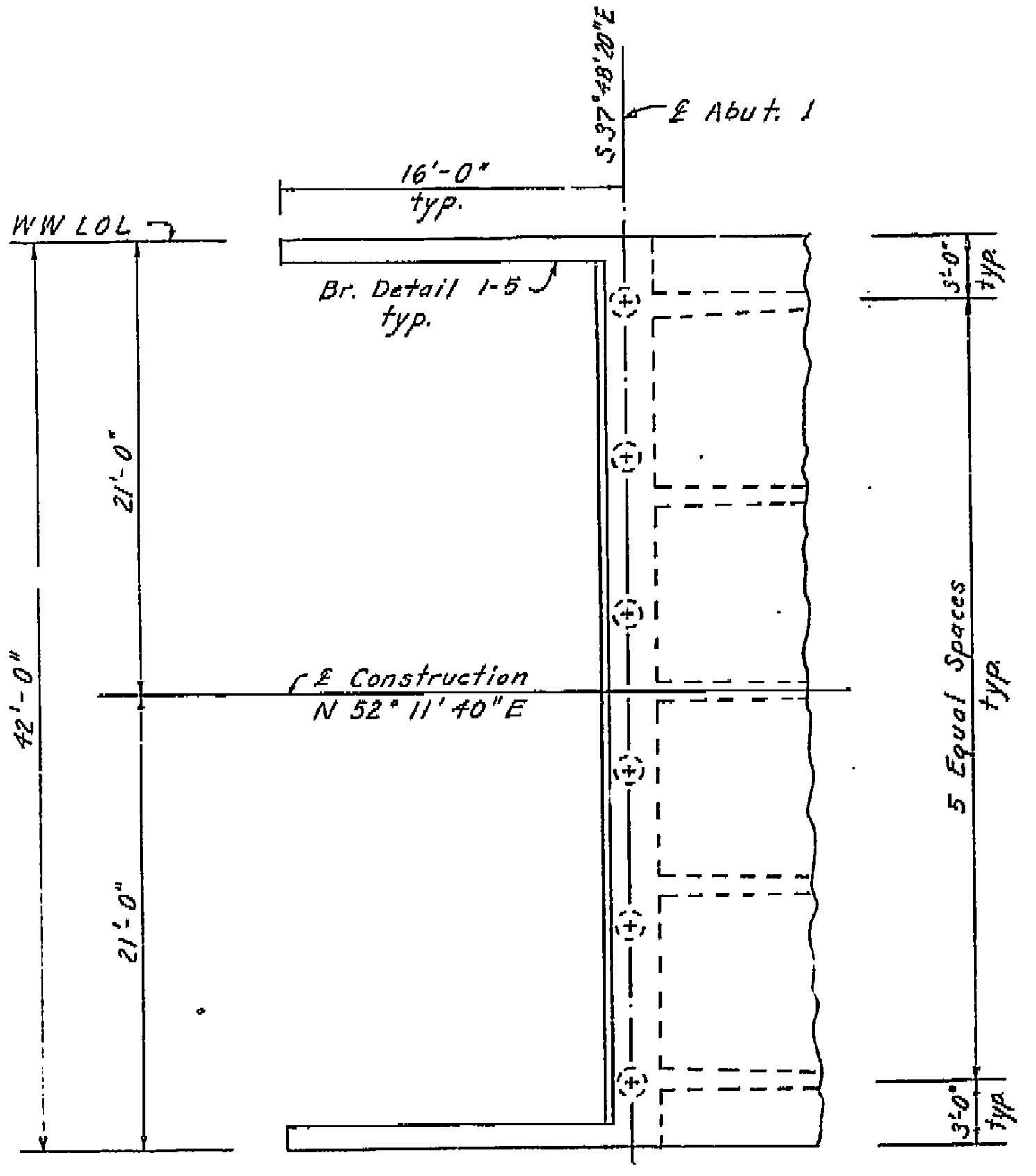
Scale : 1" = 10'

Note : Elevations are at 10' stations along ℄ Construction. These elevations do not include camber.



ABUTMENT SECTION

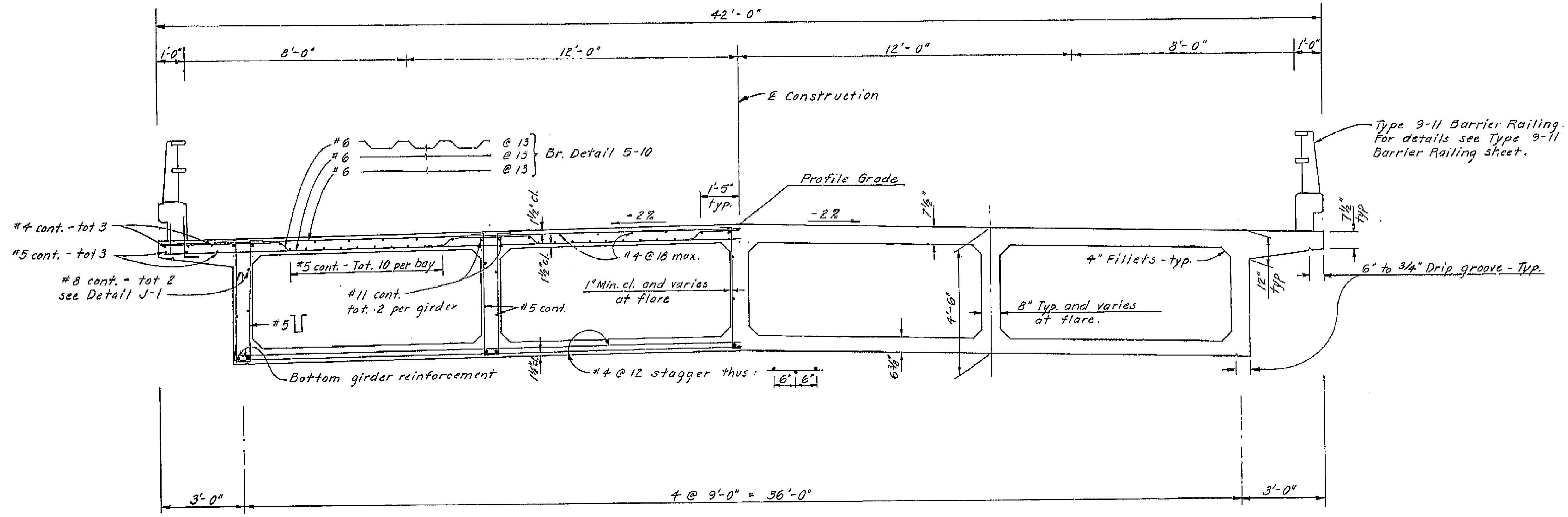
Scale : ½" = 1'-0"



PLAN

Scale : 3/16" = 1'-0"

Note : Abut. 1 shown, Abut 2 similar.



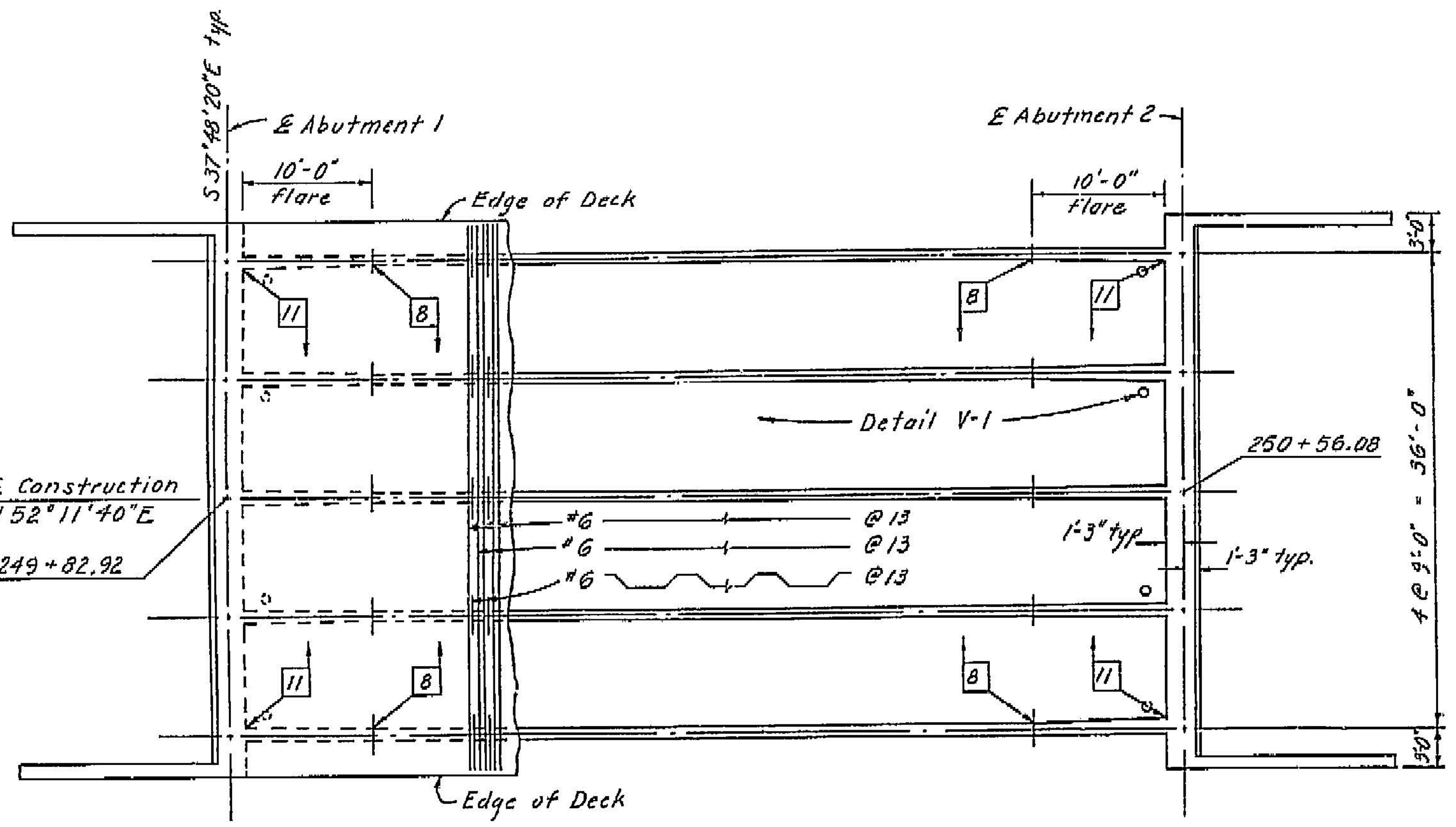
Note: For reinforcement not shown see "Girder Layout & Reinforcement" sheet.

TYPICAL SECTION

Scale: 1/2"=1'-0"

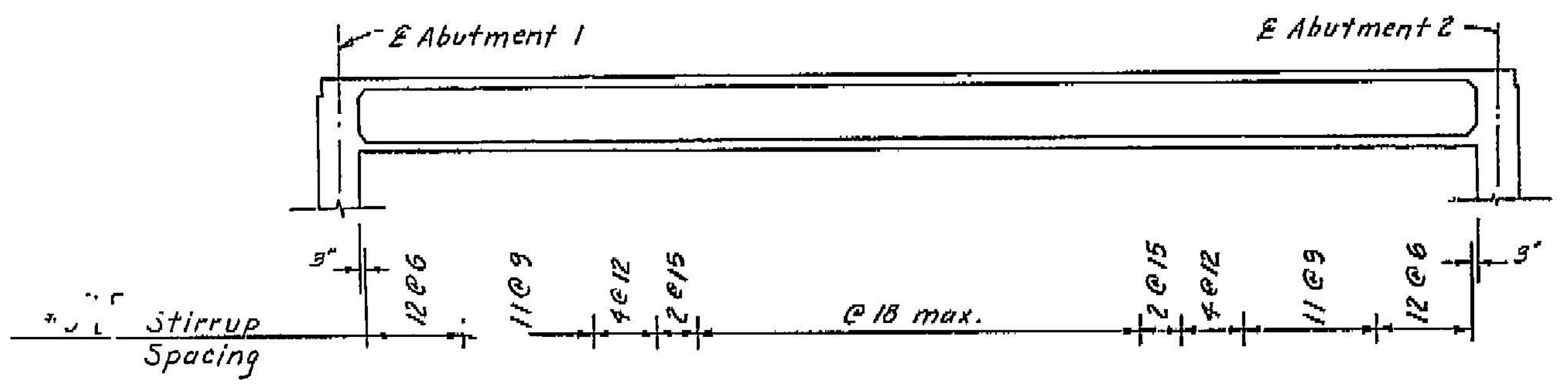
REVISION DATES

(PRELIMINARY STAGE ONLY)



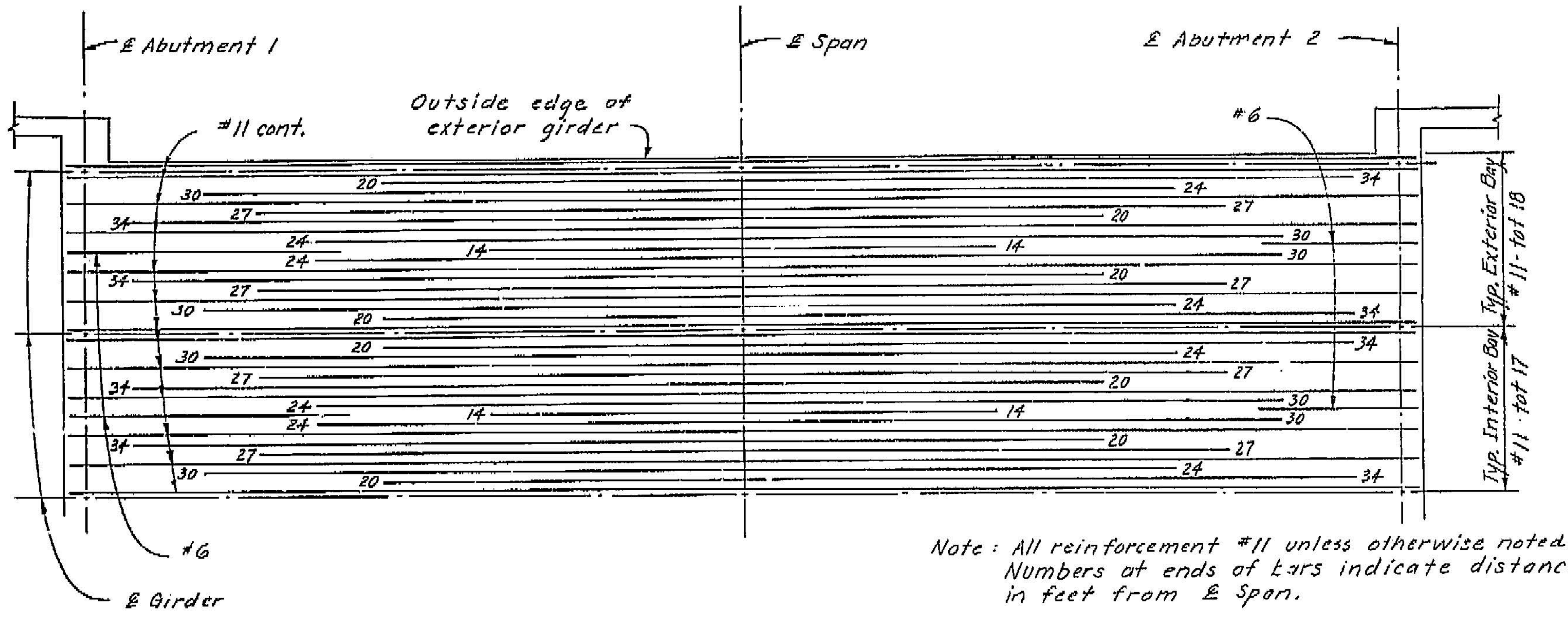
PLAN

Scale: 1/8" = 1'-0"



LONGITUDINAL SECTION

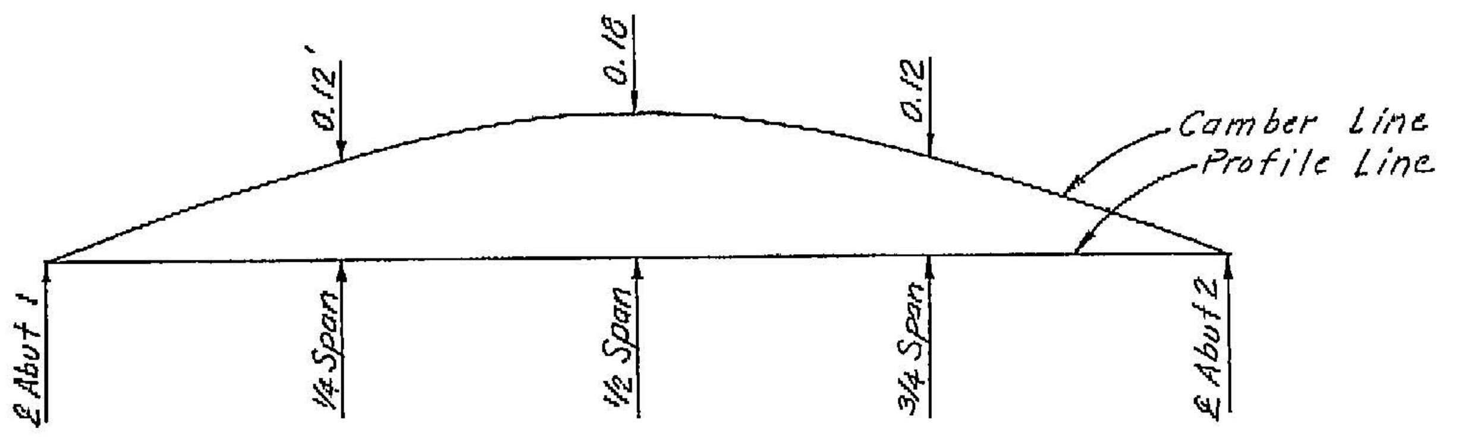
Scale: 1/8" = 1'-0"



Note: All reinforcement #11 unless otherwise noted. Numbers at ends of bars indicate distance in feet from ℄ Span.

BOTTOM REINFORCEMENT

Scale: None



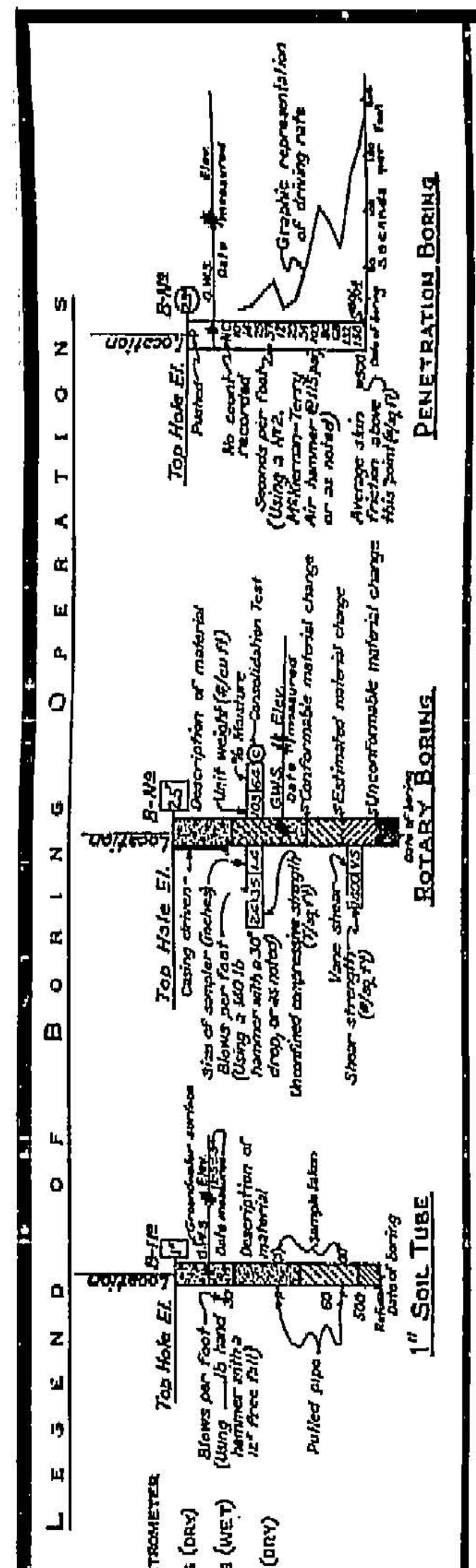
Note: Camber Diagram is for ultimate deflection due to dead load. The amount of camber for construction will be determined by the Engineer.

CAMBER DIAGRAM

Scale: None

ENGINEERING GEOLOGY SECTION

LEGEND OF BORING OPERATIONS



- Penetrometer
- 2¼" Cone Penetrometer
- Sampler boring (dry)
- Rotary boring (wet)
- Auger boring (dry)
- Jet boring
- Core boring
- Test pit

LEGEND OF EARTH MATERIALS

▨	Gravel	▨	Silty Clay or Clayey Silt
▨	Sand	▨	Peat and/or Organic Matter
▨	Silt	▨	Fill Material
▨	Clay	▨	Igneous Rock
▨	Sandy Clay or Clayey Sand	▨	Sedimentary Rock
▨	Sandy Silt or Silty Sand	▨	Metamorphic Rock

CLASSIFICATION OF MATERIAL BASED ON STANDARD GRADE SIZE LIMITS

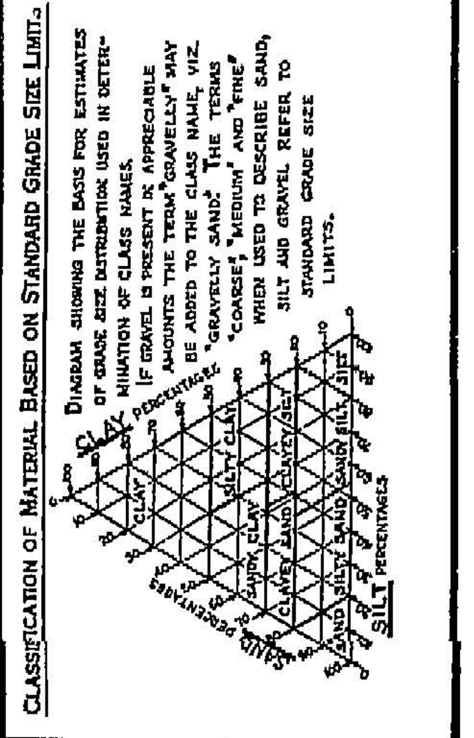
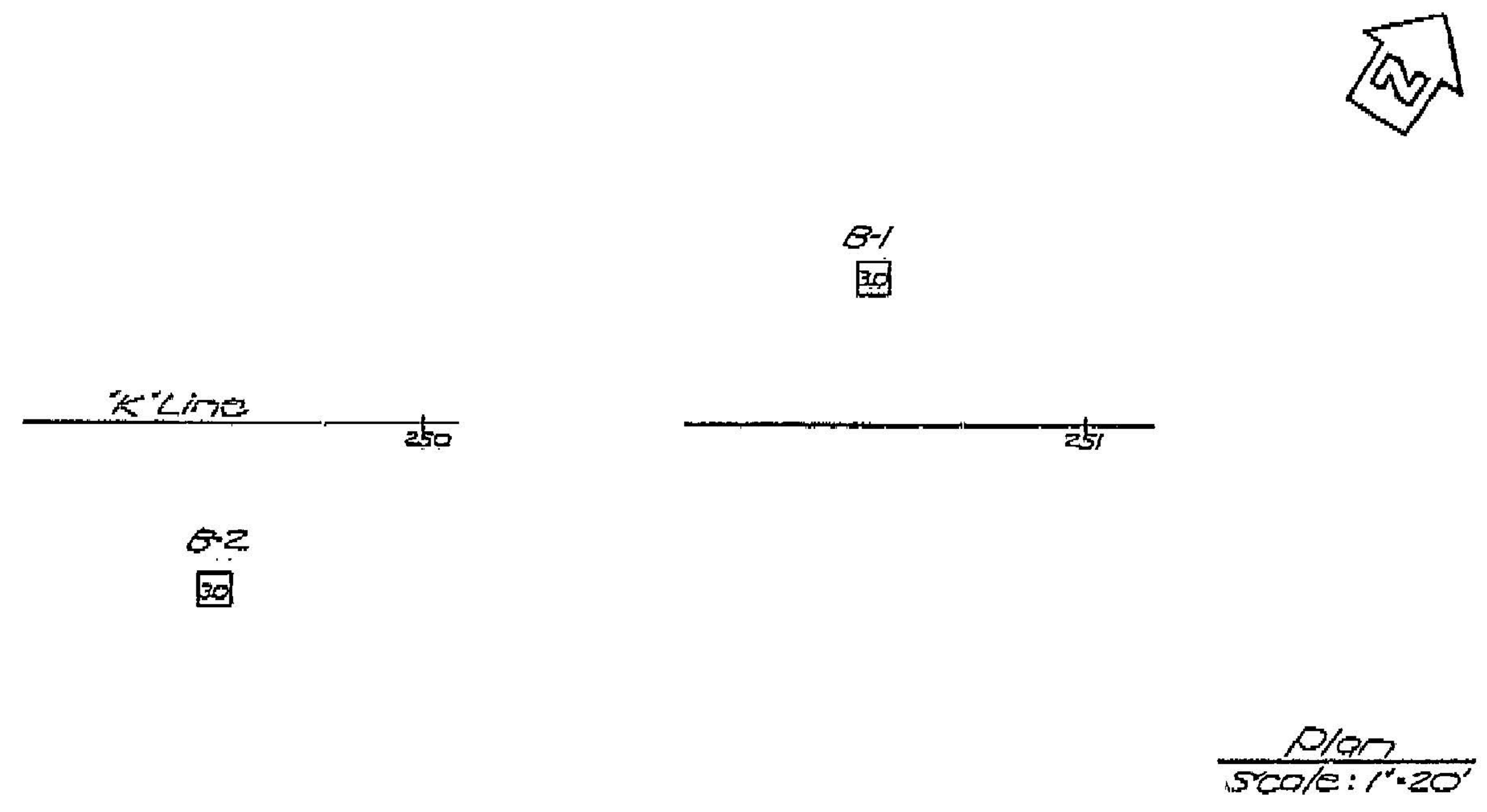
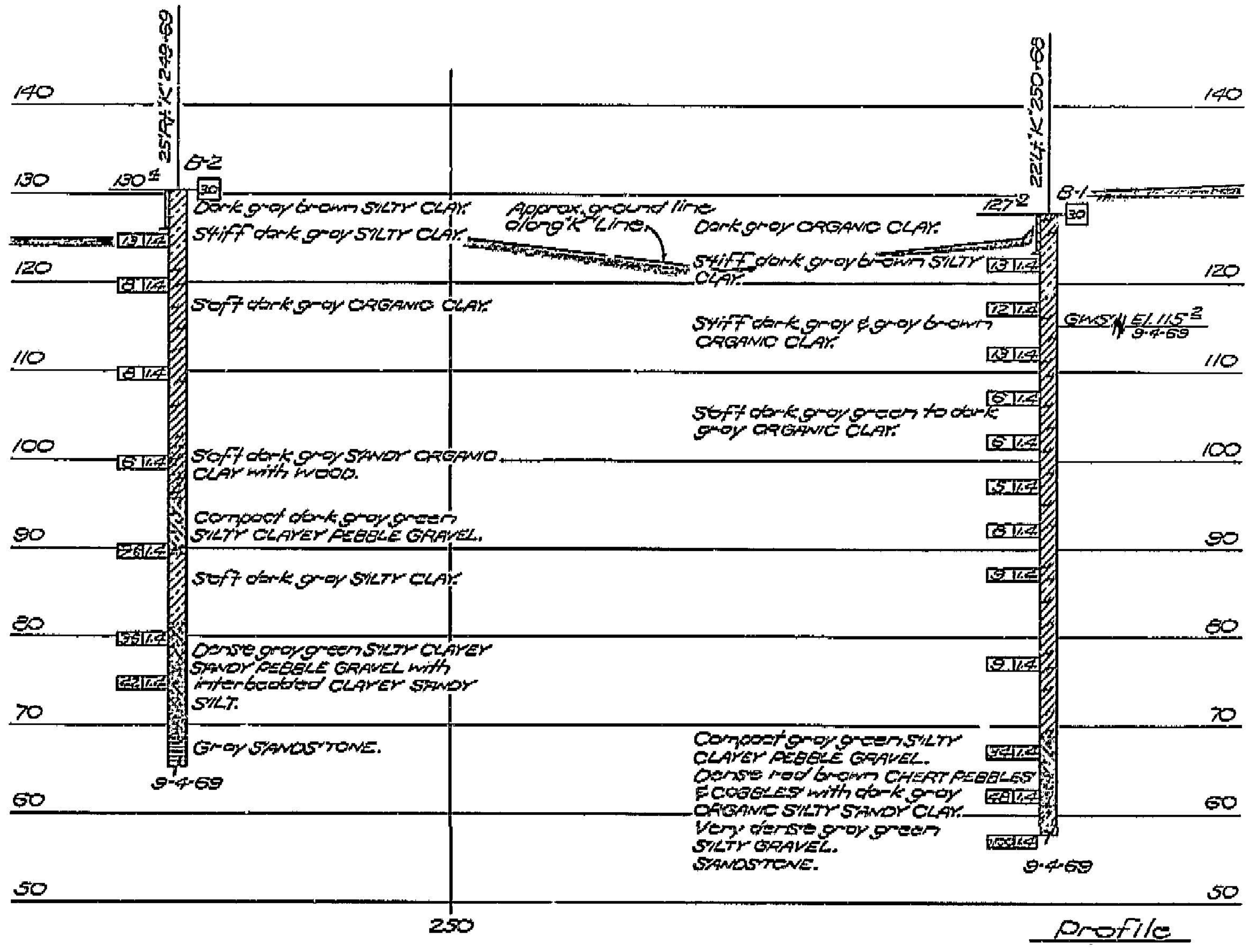


Diagram showing the basis for estimates of grade size distribution used in determination of class names. If gravel is present in appreciable amounts the term "gravelly" may be added to the class name, viz. "gravelly sand". The terms "coarse", "medium" and "fine" when used to describe sand, silt and gravel refer to standard grade size limits.

NOTE: Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.



Plan
Scale: 1"=20'



Profile