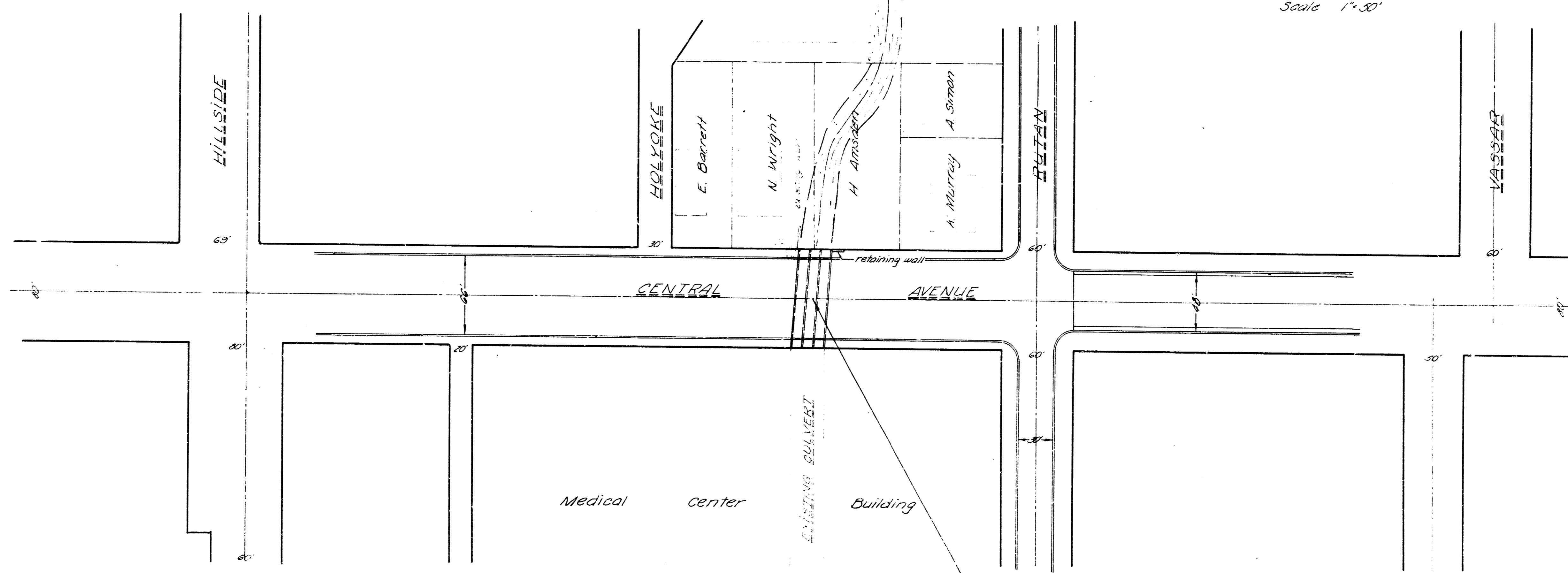
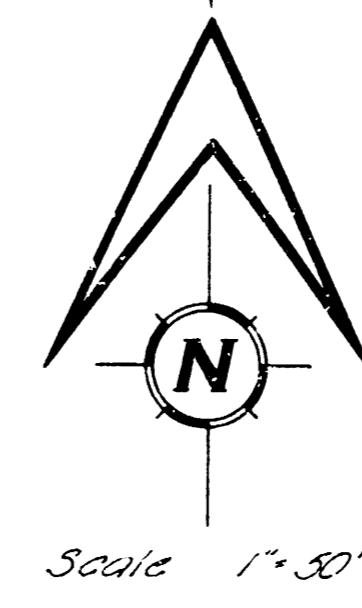
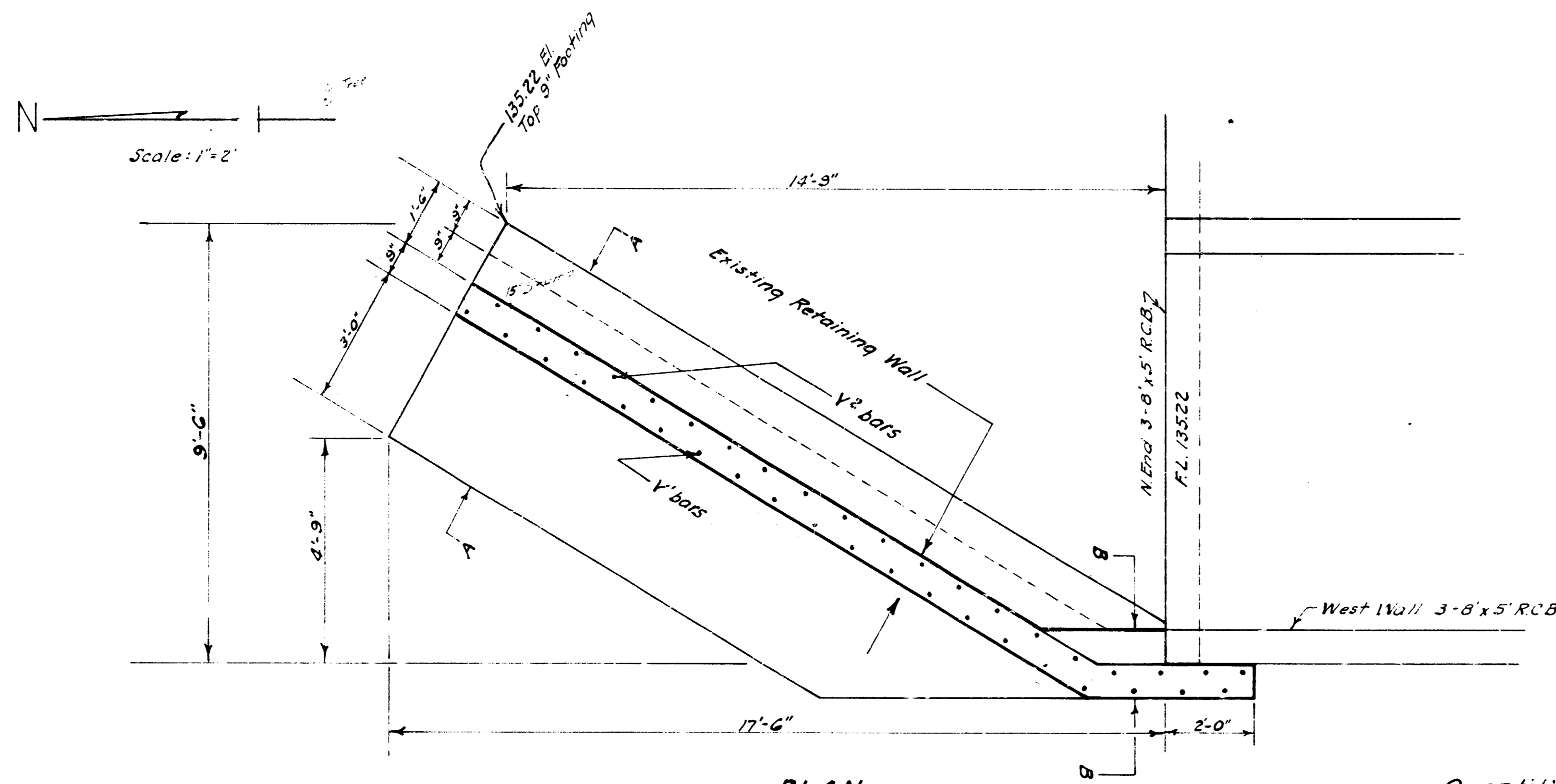


3-11-2023 City Standard Bench Mark, NE Cor. Hillside & Central

3-8'x5'
CENTRAL **R.C.B.**
AVENUE
C11-10

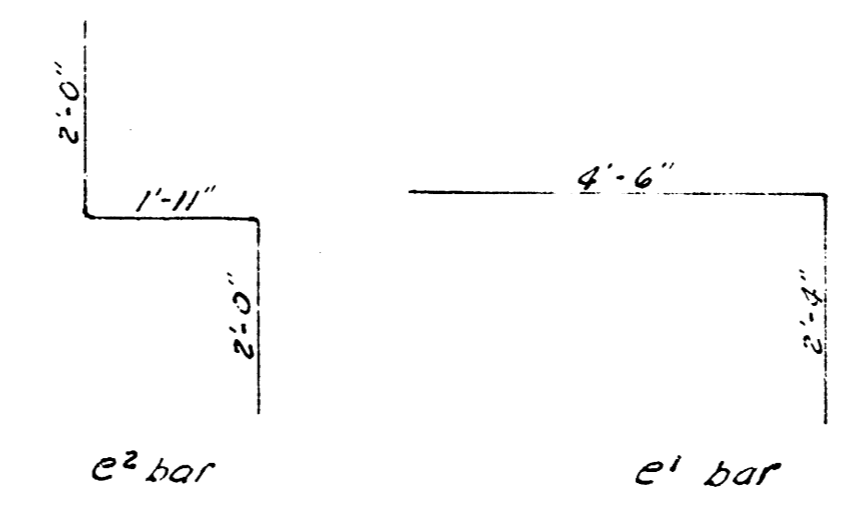
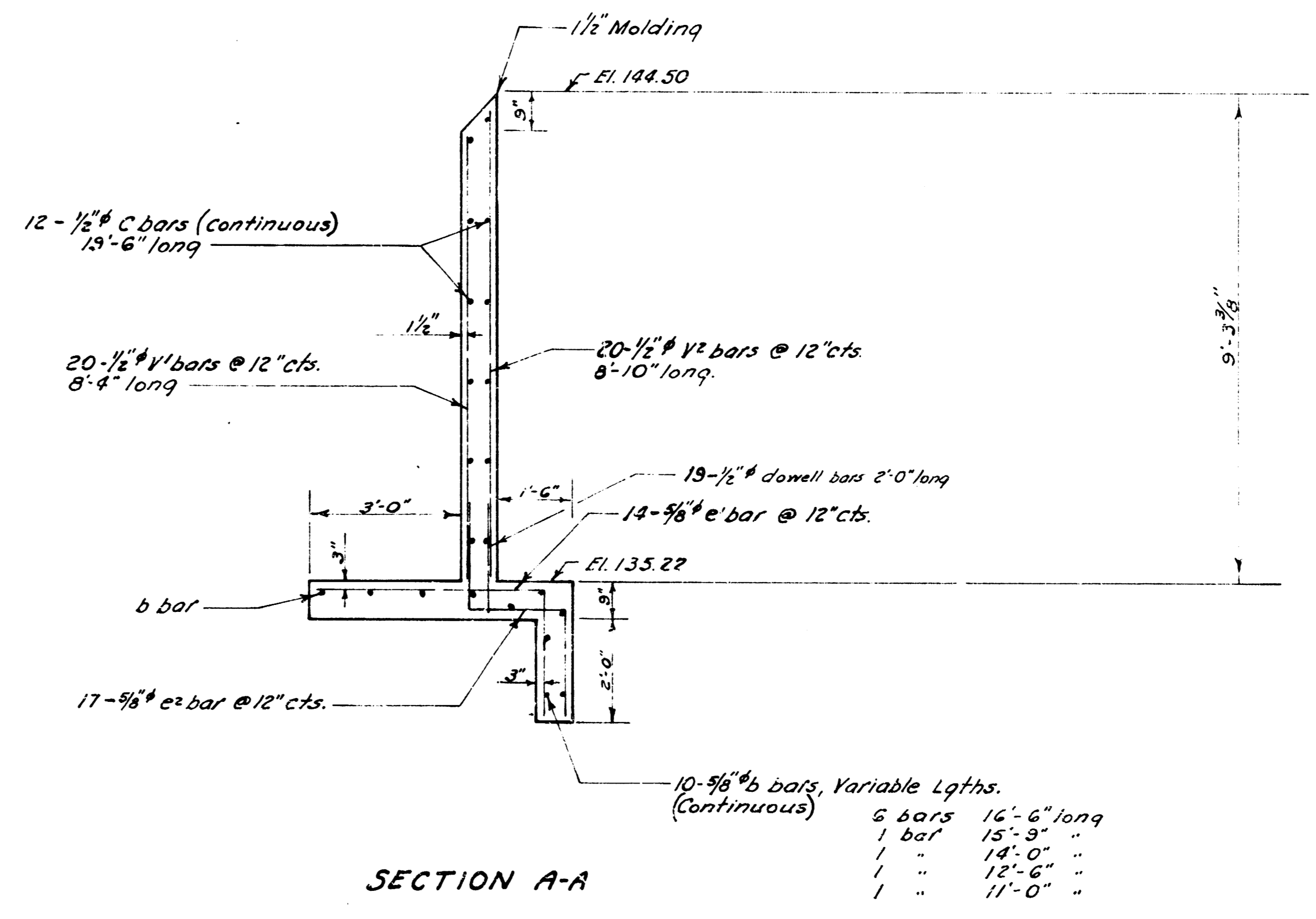
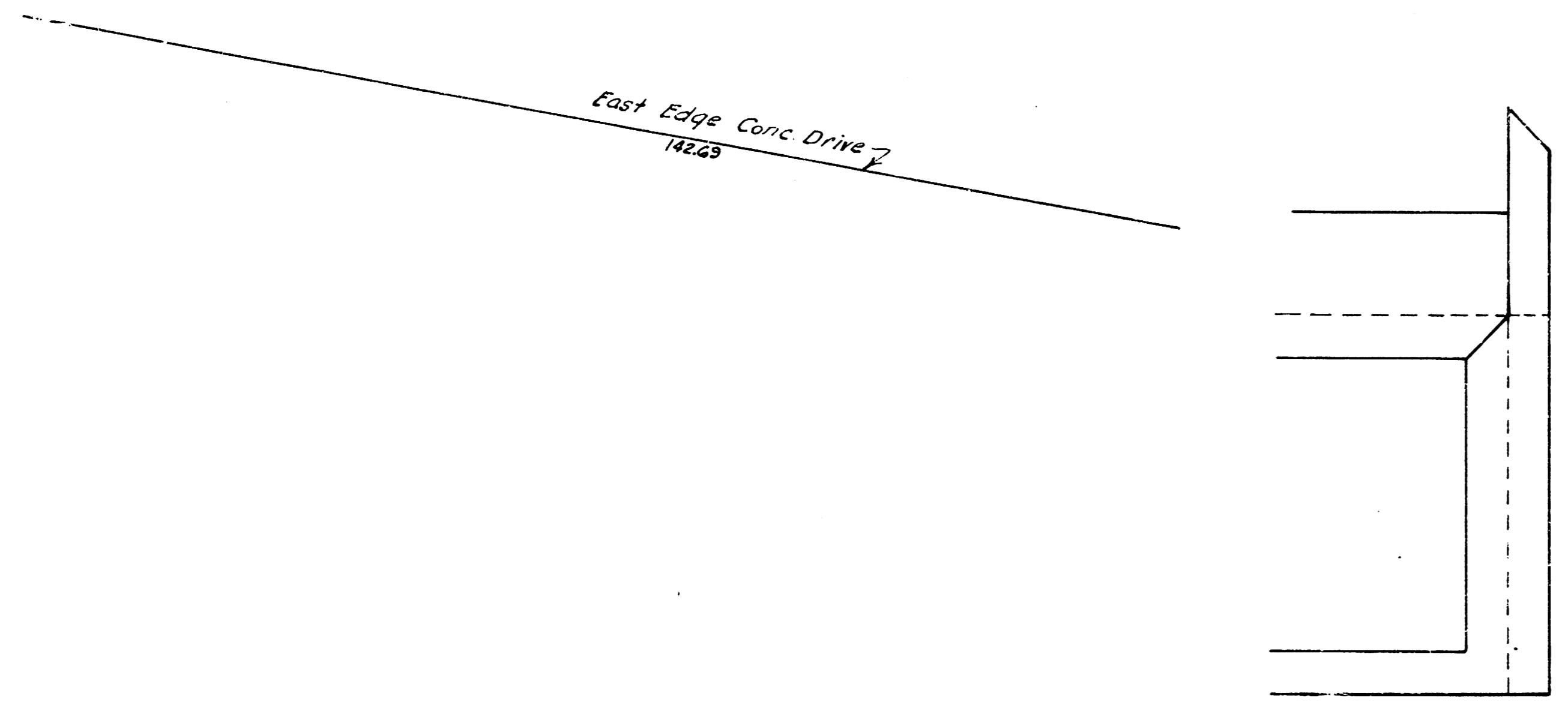


CULVERT DETAILS
Size: three 8'-0" x 5'-0" openings
Slab Thickness: 9 inches
Wall Thickness: 9 inches
Overall Length: 140'-0"
Overall Width: 17'-0"
Slope: 3" = 8' culvert 8" to 8' street
New structure to match existing concrete culvert on south side of Central Avenue.



PLAN

Quantities
 Conc. 842 Cu. Yds.
 Steel 780 Lbs.
 Exc. 25 Cu. Yds.
 Hand Exc. 1 " "
 Comp. Fill 20 " "



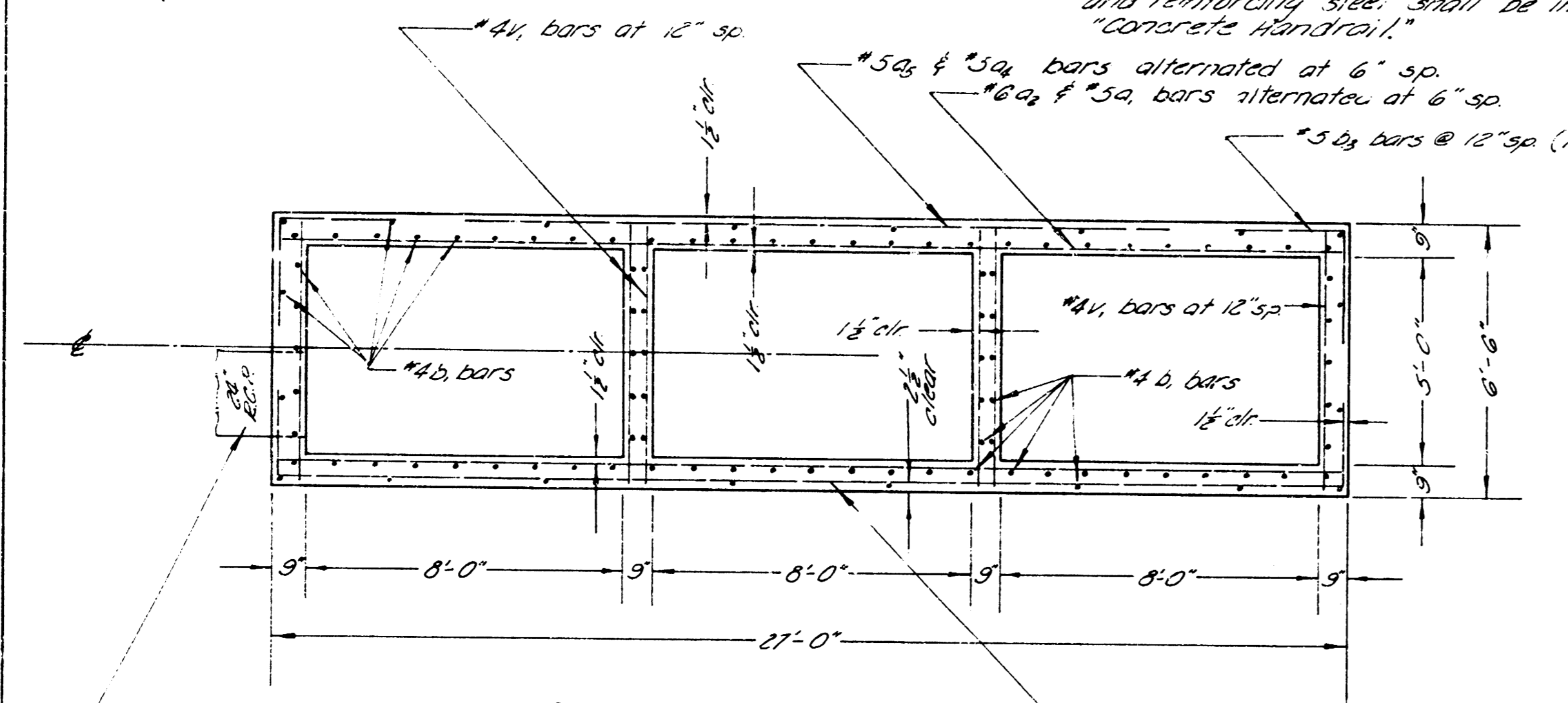
RETAINING WALL DETAILS
 NORTH END 3'-8" x 5" R.C.B. ON CENTRAL AVE.
 BETWEEN HILLSIDE & RUTAN

PROJECT NO. C11-10

NOTE
 All steel patterns are symmetrical about the centerline of the culvert.

Class A-AE concrete shall be used throughout this project.
 All reinforcing steel shall conform to ASTM specification A 305-53T for new intermediate grade steel bars of deformed section.
 All parts of concrete handrail including concrete and reinforcing steel shall be included in bid item "Concrete Handrail."

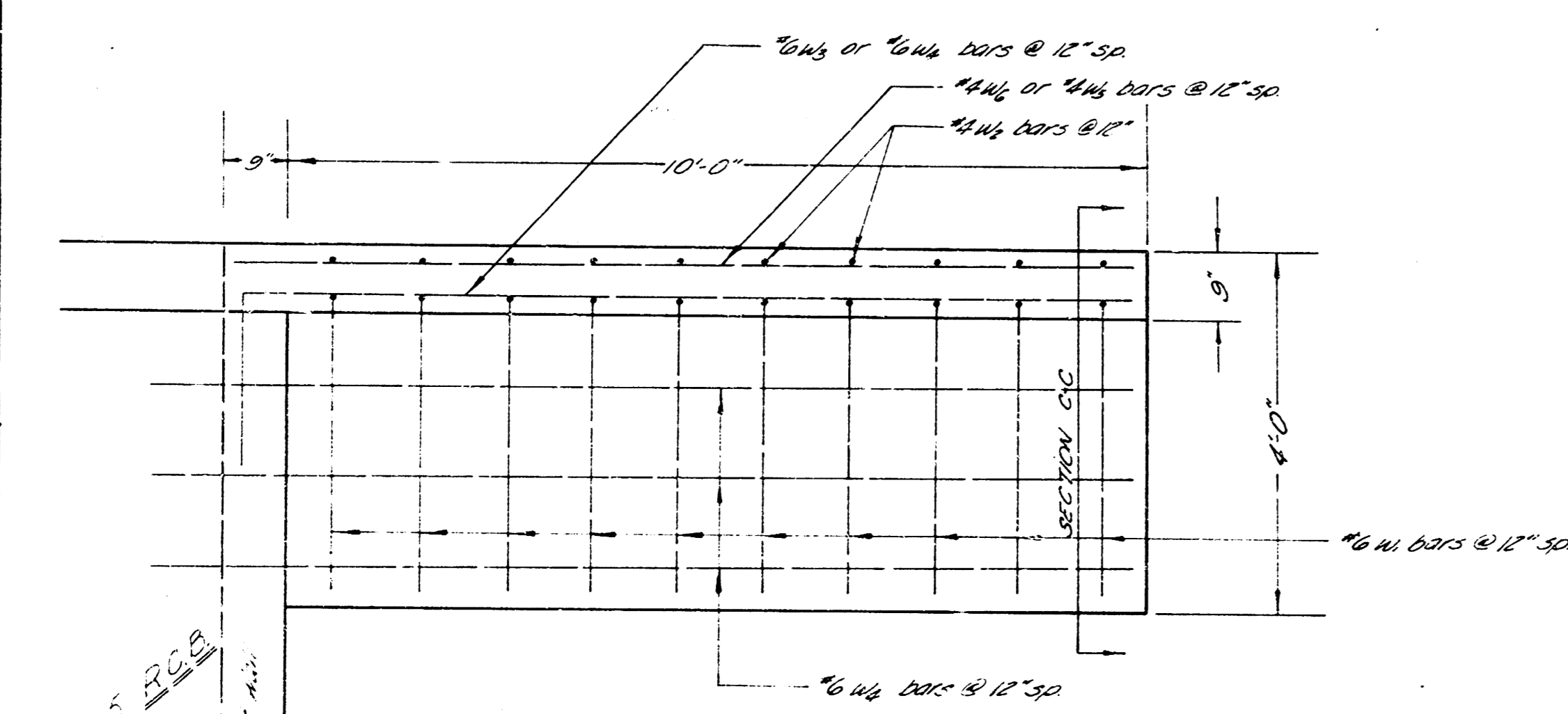
Common excavation shall be figured as extending two feet on each side of new culvert. Backfill to be mechanically tamped to top of culvert and to within 1'-9" of top of retaining wall. Fill on top of culvert to be compacted by paving contractor.
 The bridge contractor shall remove & dispose of the existing concrete culvert. All materials to be removed from the job site.



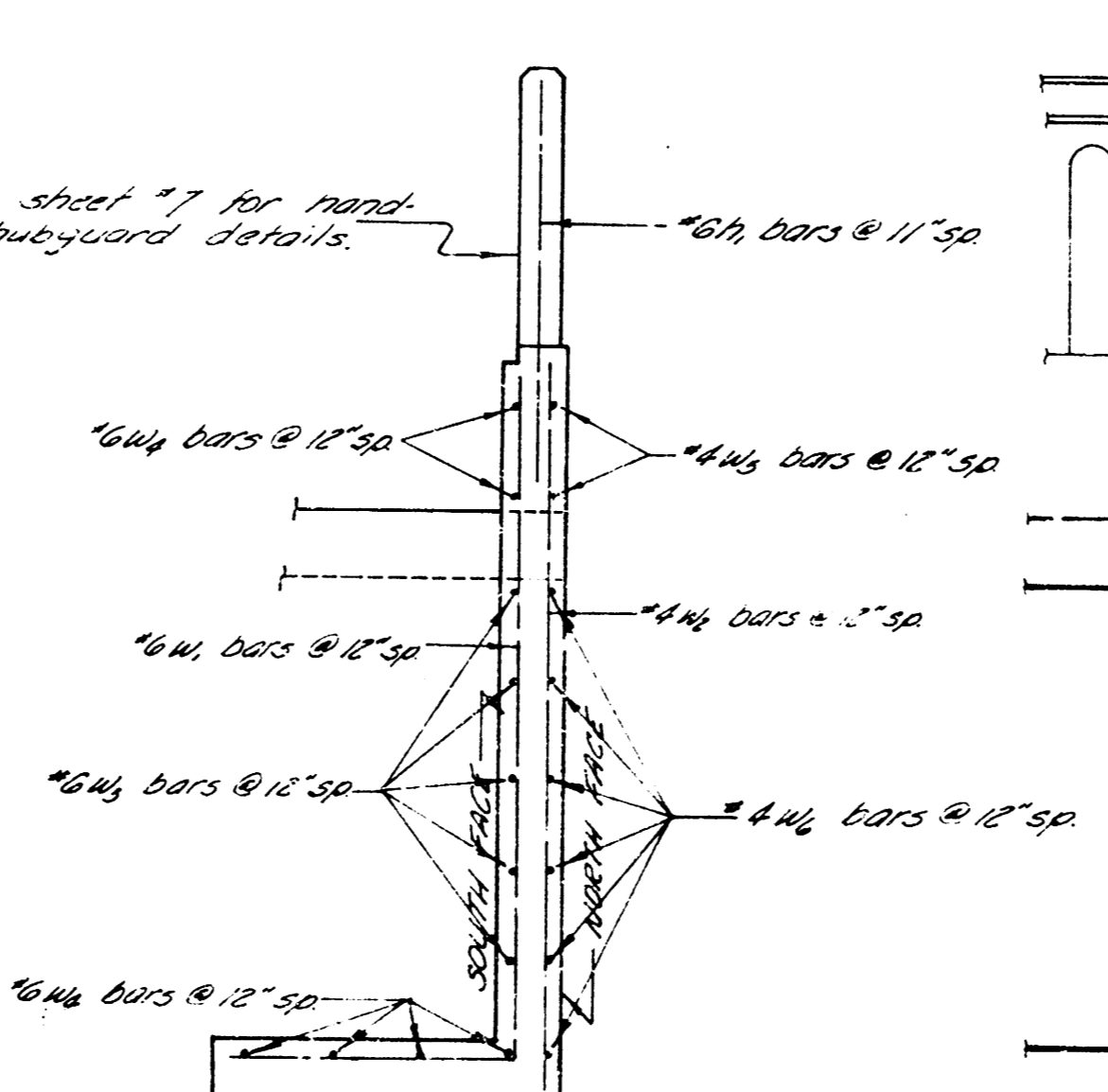
SECTION A-A
 Scale: 1"=3'-0"

Install one joint of pipe at location specified by city field engineer. Cost to be included in bid price of curbs concrete.

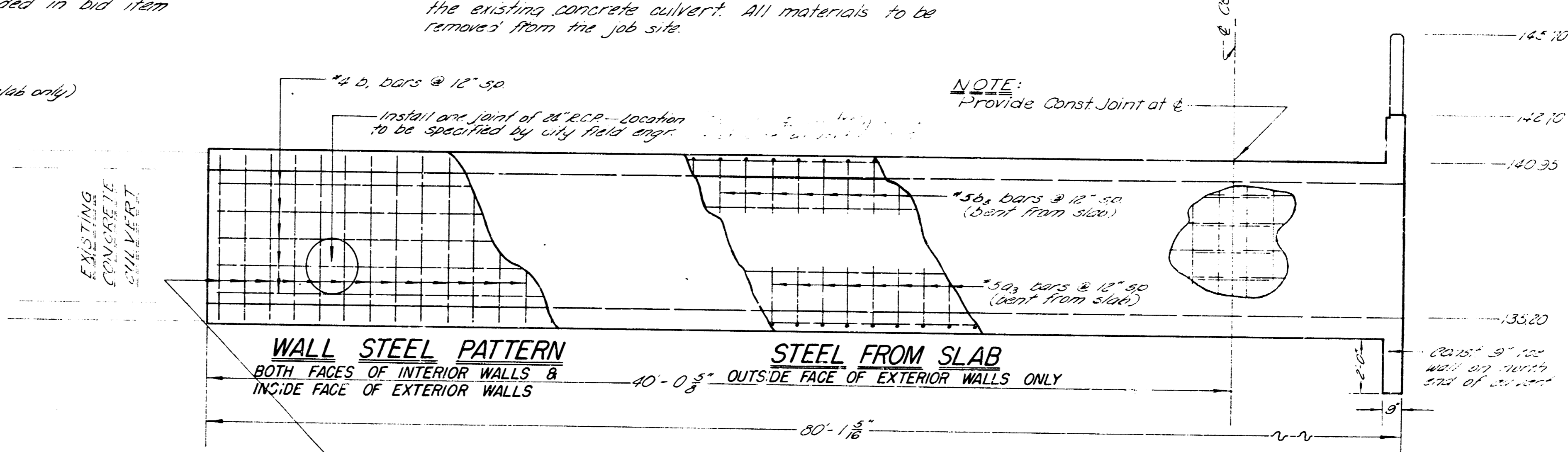
NOTE
 Retaining Wall to be constructed on north-east corner of culvert.



PLAN VIEW OF RETAINING WALL
 Scale: 1"=1'-6"



SECTION C-C

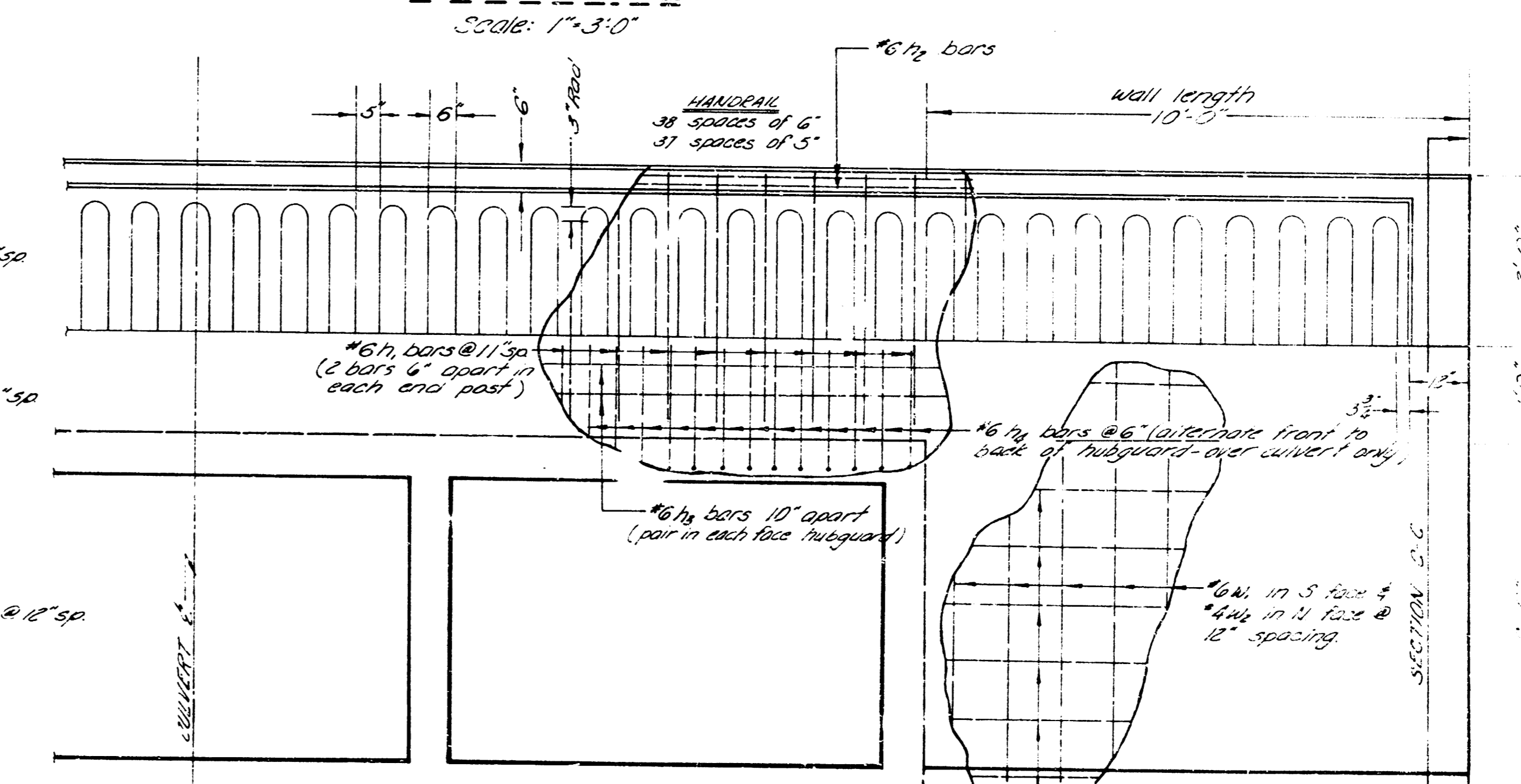


ELEVATION
 Scale: 1"=3'-0"

NOTE
 Provide Const Joint at 6'

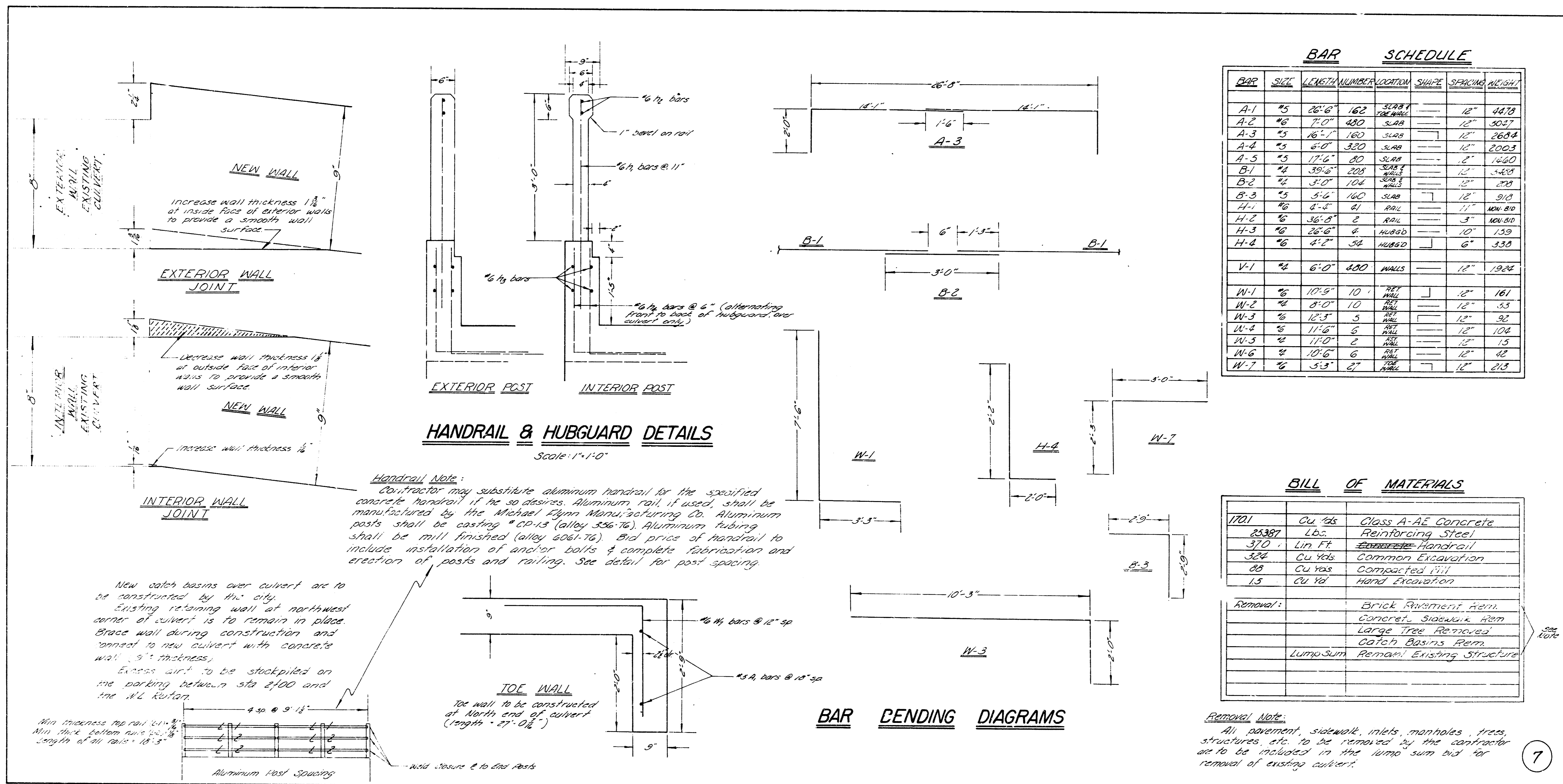
WALL STEEL PATTERN
 BOTH FACES OF INTERIOR WALLS & INSIDE FACE OF EXTERIOR WALLS

STEEL FROM SLAB
 40'-0 3/8" OUTSIDE FACE OF EXTERIOR WALLS ONLY

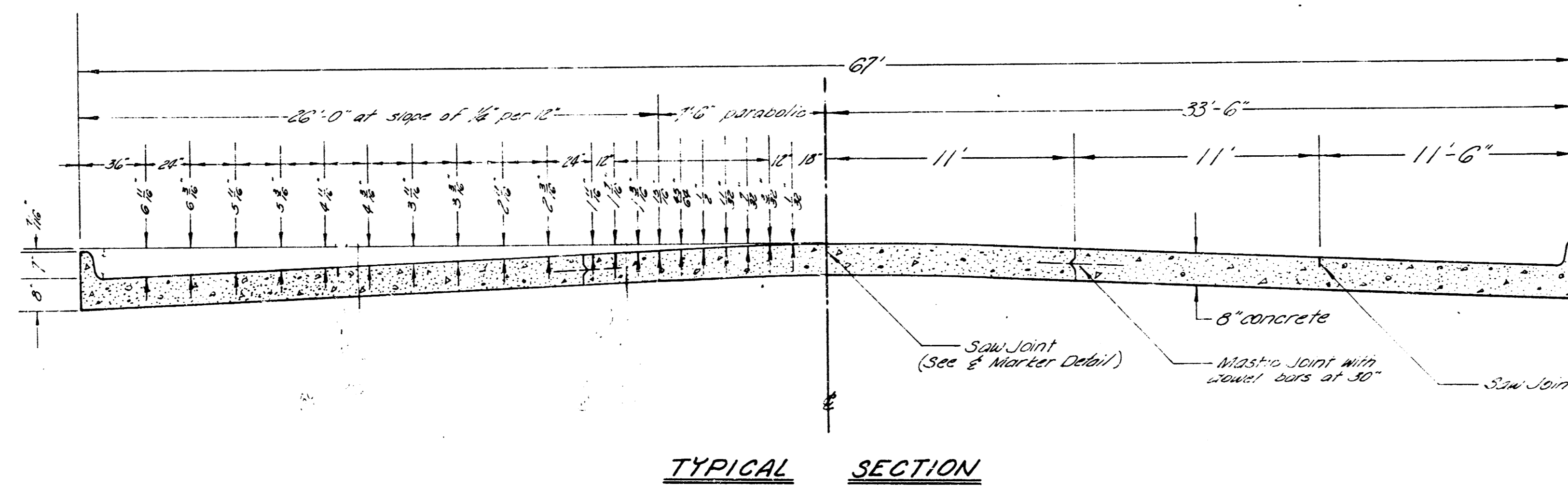


SECTION B-B
 Scale: 1"=2'-0"

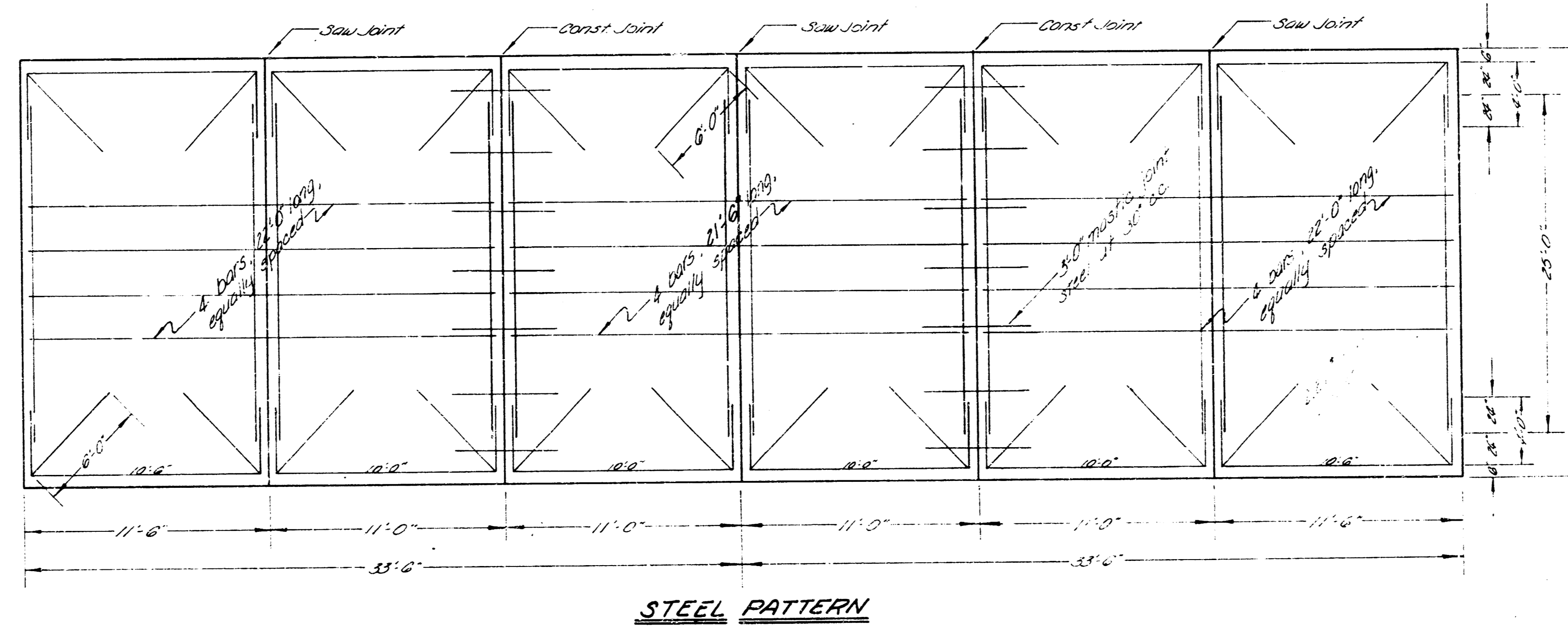
Top wall (67'-0 1/2" long) at north end of culvert.



CENTRAL AVE.
E.L. HILLSIDE TO E.L. RUTAN
C 11-10

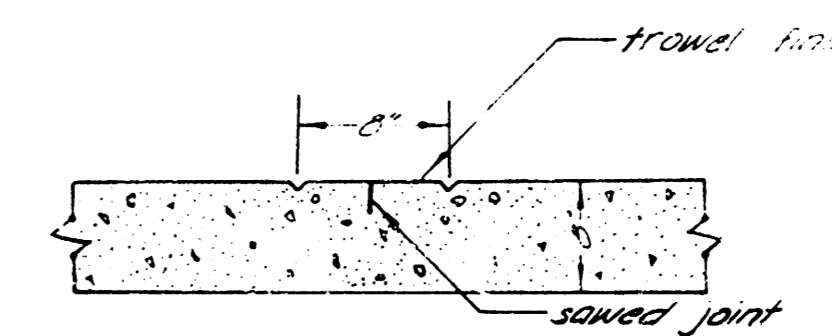


TYPICAL SECTION

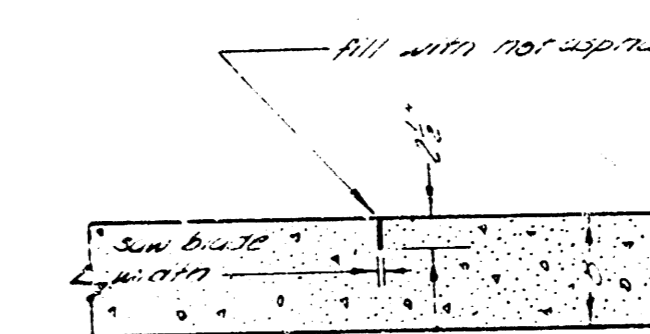


STEEL PATTERN

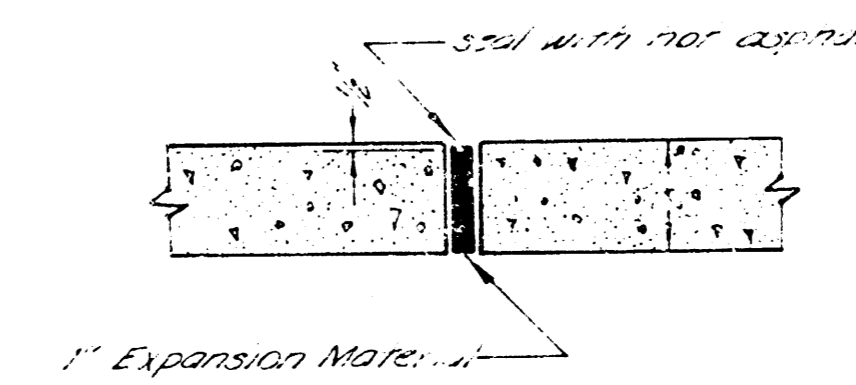
NOTE:
 All reinforcing steel shall
 consist of #8 bars except
 for marker joint details. These
 details shall be #4 bars, with
 20' spacing along the marker
 joint.



MARKER DETAIL
 Place full length of job



**TRANSVERSE & LONGITUDINAL
 SAW JOINT DETAIL**
 To be used at 30' intervals
 (Transverse) except where
 expansion joint is used.



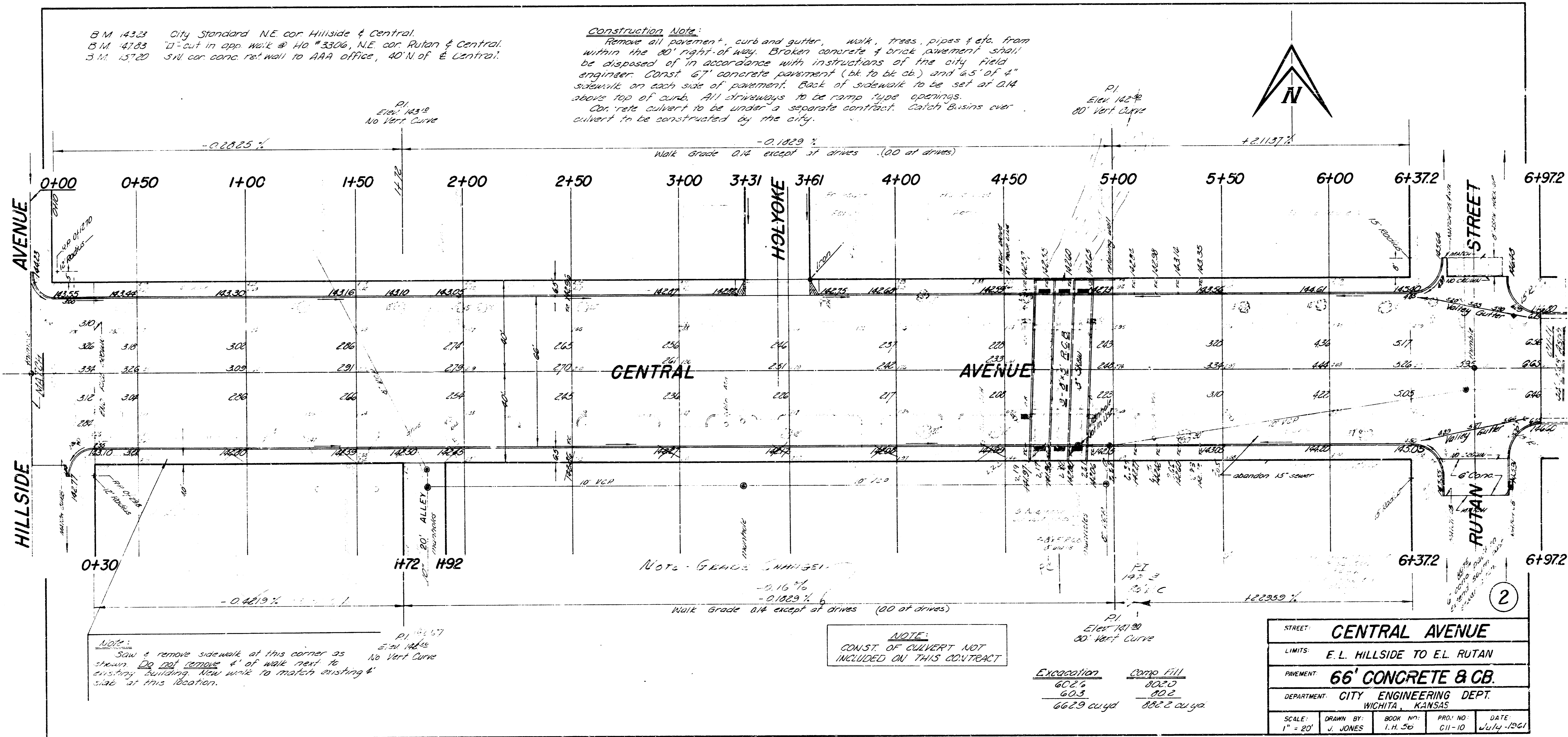
EXPANSION JOINT
 To be used at 120' intervals

PROJECT: CENTRAL AVE. BRIDGE
 DATE: 3-18-61



B.M. 14323 City Standard NE cor Hillside & Central
 B.M. 4783 "D"-cut in opp walk @ No. 3306, N.E. cor Rutan & Central.
 B.M. 15720 3/4" cor conc. rail wall to AAA office, 40' N of E Central.

Construction Note:
 Remove all pavement, curb and gutter, walk, trees, pipes & etc. from within the 20' right-of-way. Broken concrete & brick pavement shall be disposed of in accordance with instructions of the city field engineer. Const. 6" concrete pavement (bk to bk cb) and 4.5" of 4" sidewalk on each side of pavement. Back of sidewalk to be set at 0.14 above top of curb. All driveways to be ramp type openings. Concrete culvert to be under a separate contract. Catch Basins over culvert to be constructed by the city.



Note:
 Saw & remove sidewalk at this corner as shown. Do not remove 4' of walk next to existing building. New work to match existing sidewalk at this location.

NOTE:
 CONST. OF CULVERT NOT INCLUDED ON THIS CONTRACT

Excavation	Comp. Fill
602'	802'
60.3	82.2
6629 cu yd	8828 cu yd

STREET:	CENTRAL AVENUE
LIMITS:	E. L. HILLSIDE TO E. L. RUTAN
PAVEMENT:	66' CONCRETE & CB.
DEPARTMENT:	CITY ENGINEERING DEPT. WICHITA, KANSAS
SCALE:	1" = 20'
DRAWN BY:	J. JONES
BOOK NO.:	1. H. 50
PROJ. NO.:	611-10
DATE:	7/17/2061

