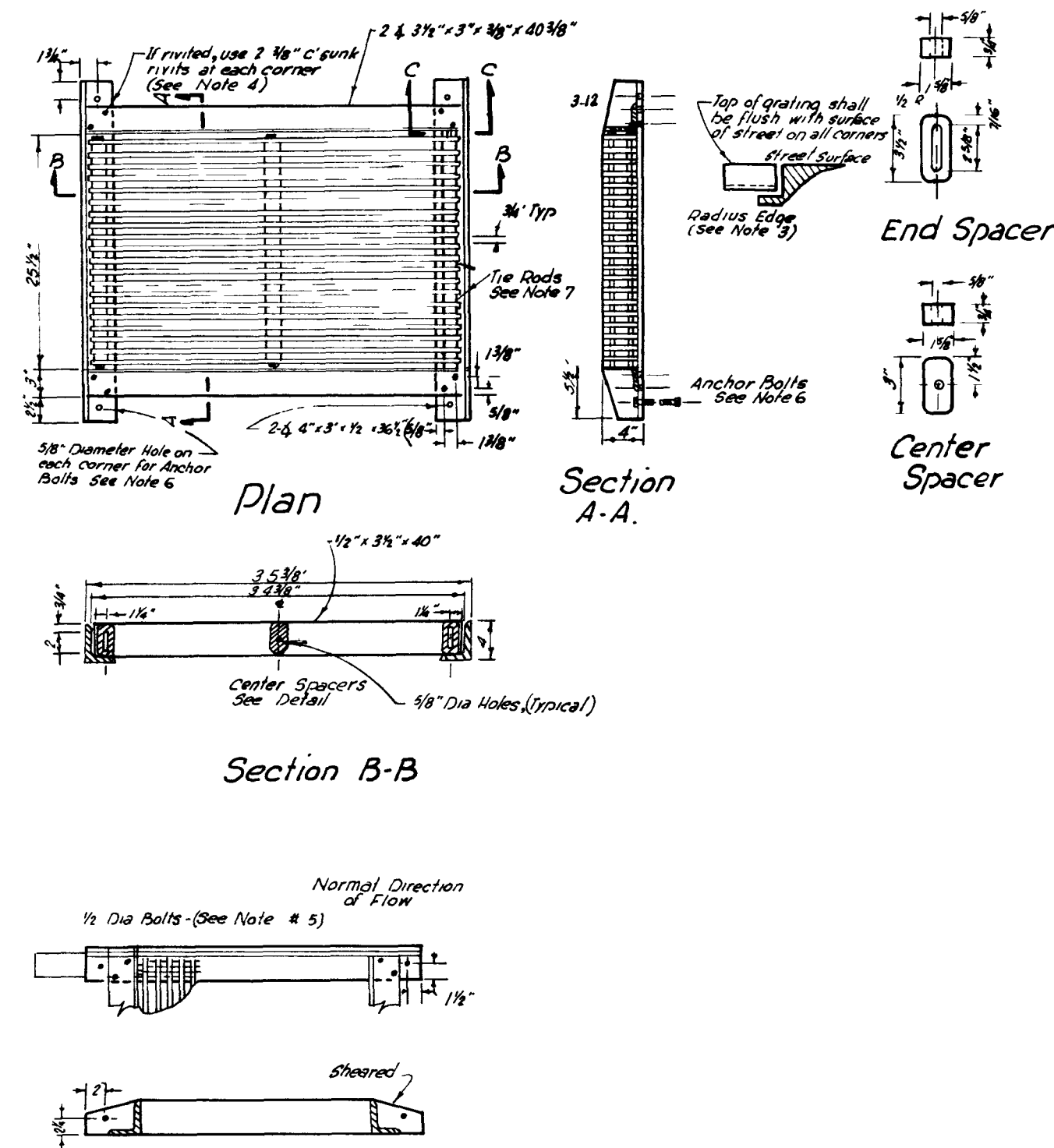
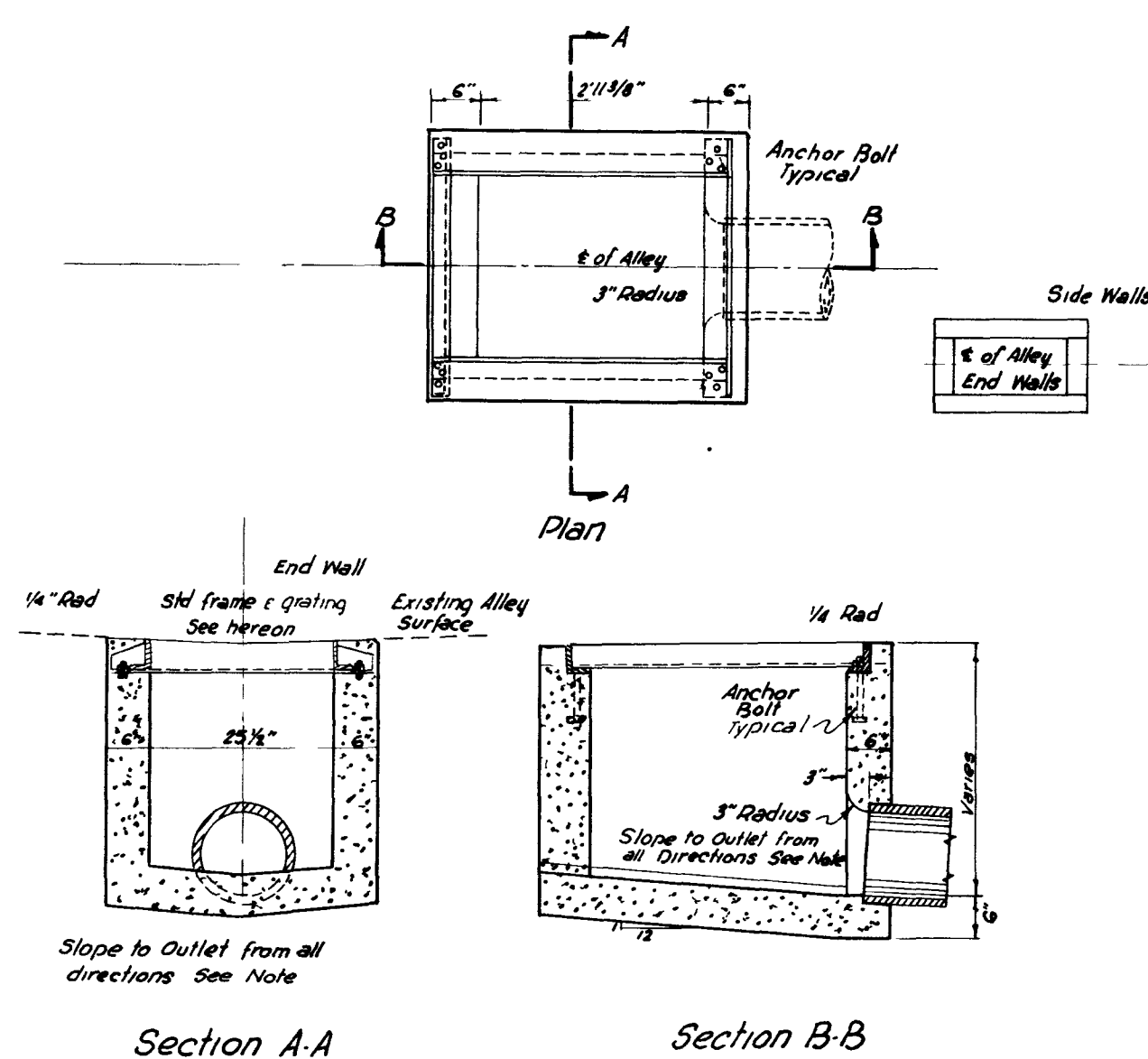




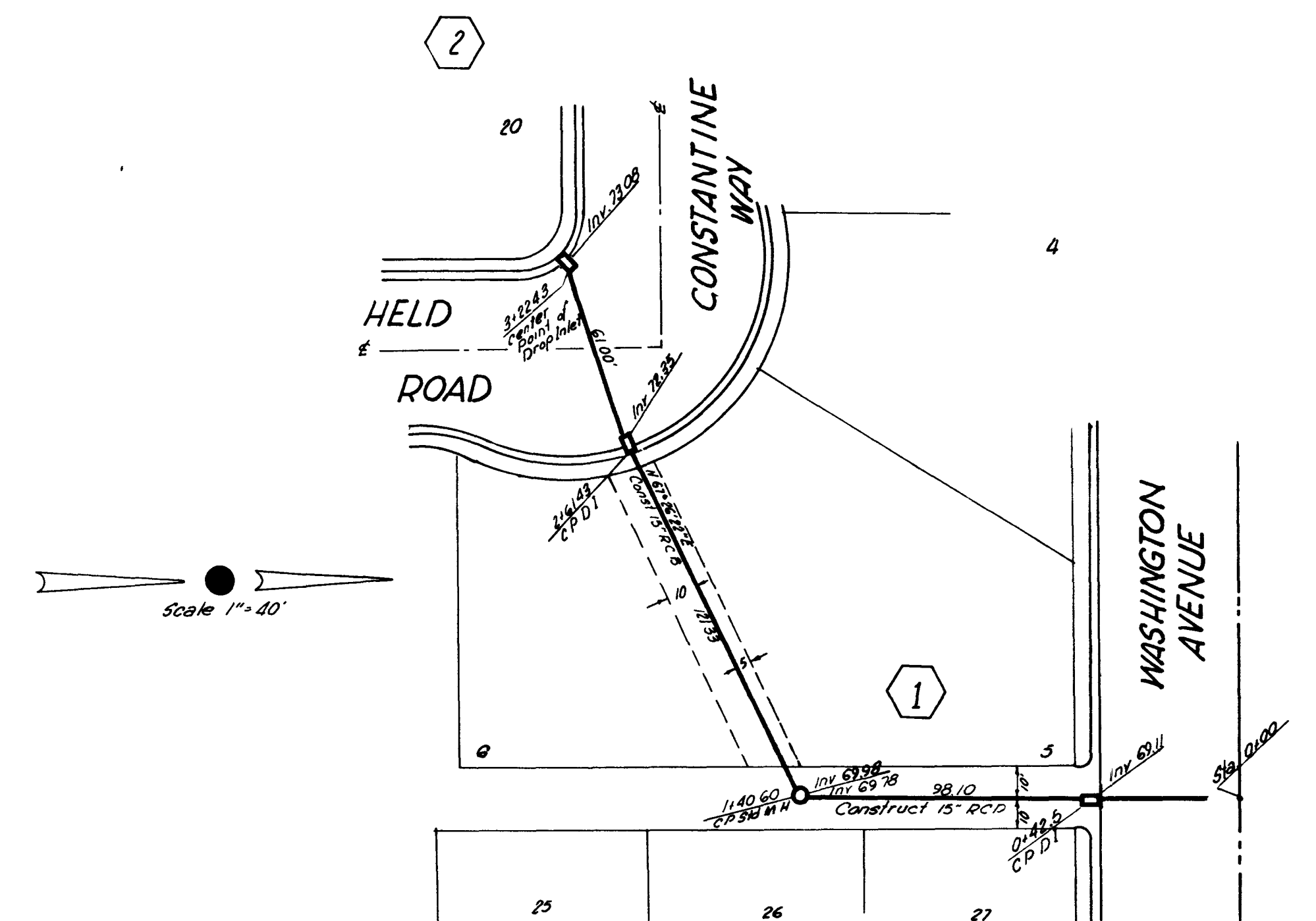
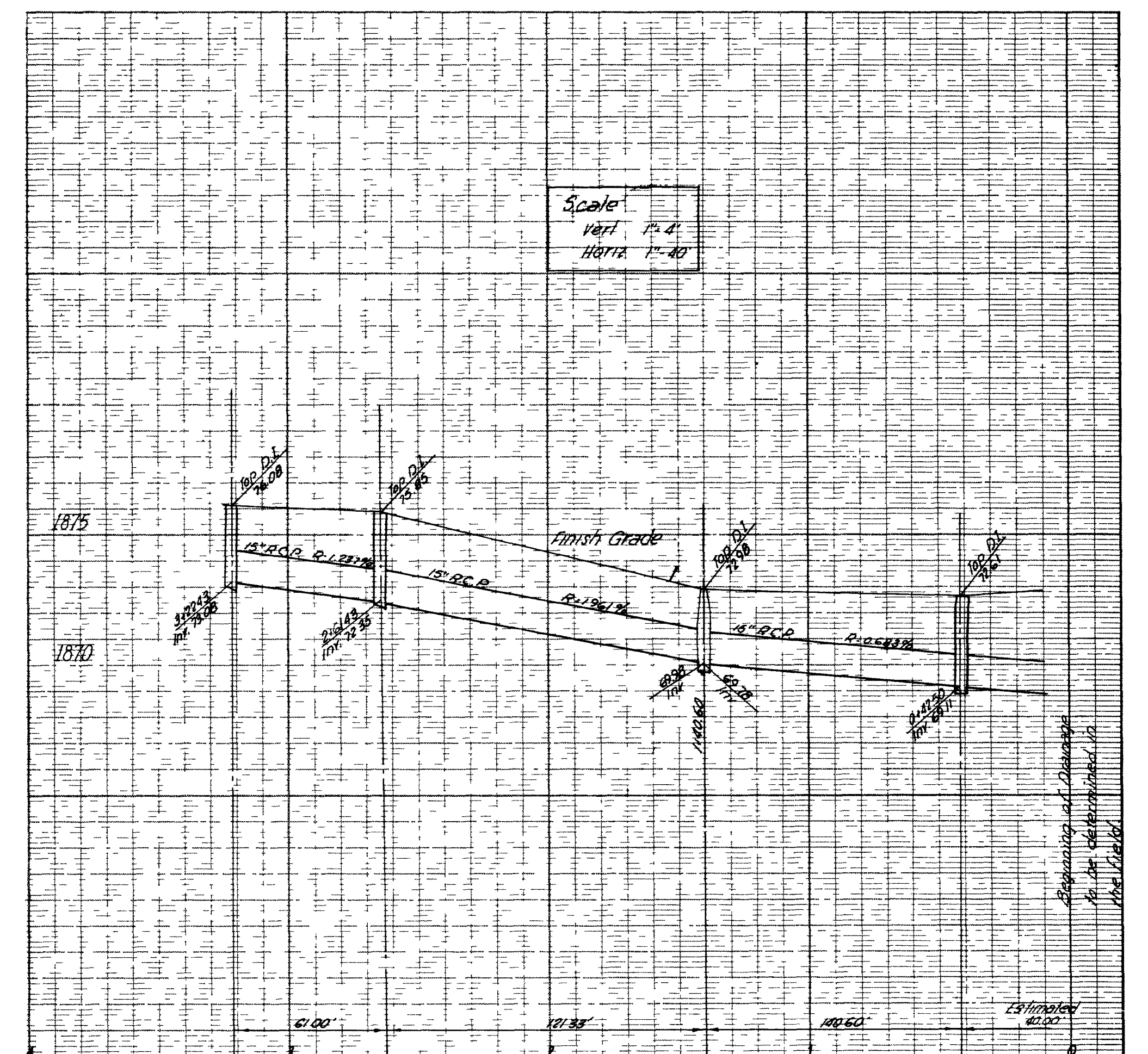
Frame & Grating
for
Catch Basins
No Scale

- Notes**
- 1 All exposed metal parts shall be galvanized. Welding, machining, and drilling shall be done before galvanizing. All dimensions are finished dimensions and include galvanizing.
 - 2 Frame may be riveted or welded. Frame and grating shall be tested for accuracy of fit and shall be marked in sets before delivery.
 - 3 Bolt holes shall be 3/8" Dia unless otherwise specified.
 - 4 Anchor bolts shall be 1/2" Dia x 8" with square head & nut.
 - 5 Tie rods shall be 1/2" Dia x 25 1/2", threaded 3/4" on both ends. Use one, 1/2" Dia square head nut each end.
 - 6 All parts shall be of structural grade steel, except spacers, which shall be either cast iron or steel.



Catch Basin Plan
No Scale

- Notes**
- 1 Floor of Basin shall be troweled to a hard smooth surface and shall slope toward the outlet 1 in 12.
 - 2 Outlet pipe shall be trimmed to the final shape and length before concrete is poured.
 - 3 Connection pipe inlets shall be at bottom of basin.
 - 4 Steel shall be No. 3 bars @ 6" c-c on walls & floor. Clearance shall be 2".
 - 5 $f'_c = 3000$ psi at 28 days.
 - 6 The outer edges of walls shall conform to the existing surface.



Submitted by
Victor G. Kramelbauer
Nevada Cert. No. RCE 1511
Approved
C. J. Lawler 12-21-62
City Engineer RCE No. 396

BRUCE GARDENS UNIT No. 1
CONSTRUCTION & LOCATION OF
STORM DRAINAGE

Sheet
14
of 14

21-6-16

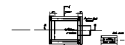
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SECTION 101
CONCRETE FLOOR

1. Reinforced concrete floor, 4" thick, with 1/2" diameter bars, spaced 12" on center, in all directions.
 2. 1/2" thick concrete, 4" thick, with 1/2" diameter bars, spaced 12" on center, in all directions.
 3. 1/2" thick concrete, 4" thick, with 1/2" diameter bars, spaced 12" on center, in all directions.

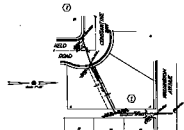
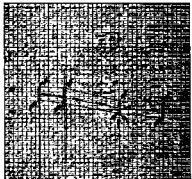


Section 101

Section 102

Concrete Floor

1. Reinforced concrete floor, 4" thick, with 1/2" diameter bars, spaced 12" on center, in all directions.
2. 1/2" thick concrete, 4" thick, with 1/2" diameter bars, spaced 12" on center, in all directions.
3. 1/2" thick concrete, 4" thick, with 1/2" diameter bars, spaced 12" on center, in all directions.
4. 1/2" thick concrete, 4" thick, with 1/2" diameter bars, spaced 12" on center, in all directions.
5. 1/2" thick concrete, 4" thick, with 1/2" diameter bars, spaced 12" on center, in all directions.
6. 1/2" thick concrete, 4" thick, with 1/2" diameter bars, spaced 12" on center, in all directions.



BERKE GARDENS UNIT NO. 1
CONSTRUCTION & LOCATION OF
SEWER DRAINAGE

14

21-16

21-16