

**LEGEND**

- Plan of Sewer Main
- Plan of Sewer Manhole
- Plan of Sewer Joints or Drop
- Plan of 4" Pipe Connection
- Plan of Existing Sewers
- Plan of Existing Water Lines
- Plan of Existing Gas Lines
- Plan of Existing Telephone Lines
- Plan of Existing Power or Telephone Poles
- Plan of Existing Guy Anchors
- Plan of Existing Fire Hydrants
- Plan of Existing Trees
- Profile of Sewer Main
- Profile of Sewer Manhole
- Profile of Sewer Invert
- Plan of Existing Paving
- Sheet No. of Plan & Profile Sheet

**ABBREVIATIONS**

- R.C.P. Reinforced Concrete Pipe
- V.C.P. Vitrified Clay Pipe
- C.M.P. Cast Iron Pipe
- M.S.P. Malleable Iron Pipe
- A.S.P. Asbestos Cement Pipe
- P.P. Pressure Pipe
- T.P. Telephone or Telegraph Pole
- P.H. Fire Hydrant
- S.L. Survey Line
- Pt. Point

**GENERAL NOTES**

See Div. 47-5-101 of Specifications for Detail of Standard Sewer Mains, Manholes and Joints, C.E.C. Div. 47-5-101. All manhole frames and covers to be of concrete.

See Div. 47-5-102 of Specifications for Detail of Sewer Manholes. Where manholes are to be constructed of concrete, the manhole shall be constructed of concrete and shall be finished with a smooth surface. The manhole shall be finished with a smooth surface and shall be finished with a smooth surface.

The location, size and type of existing paving shown on this plan shall be maintained. However, it shall be the duty of the contractor to remove and replace such paving, structures and appurtenances as may be necessary to complete the work and the Contractor shall save the City from any expense or liability or damage.

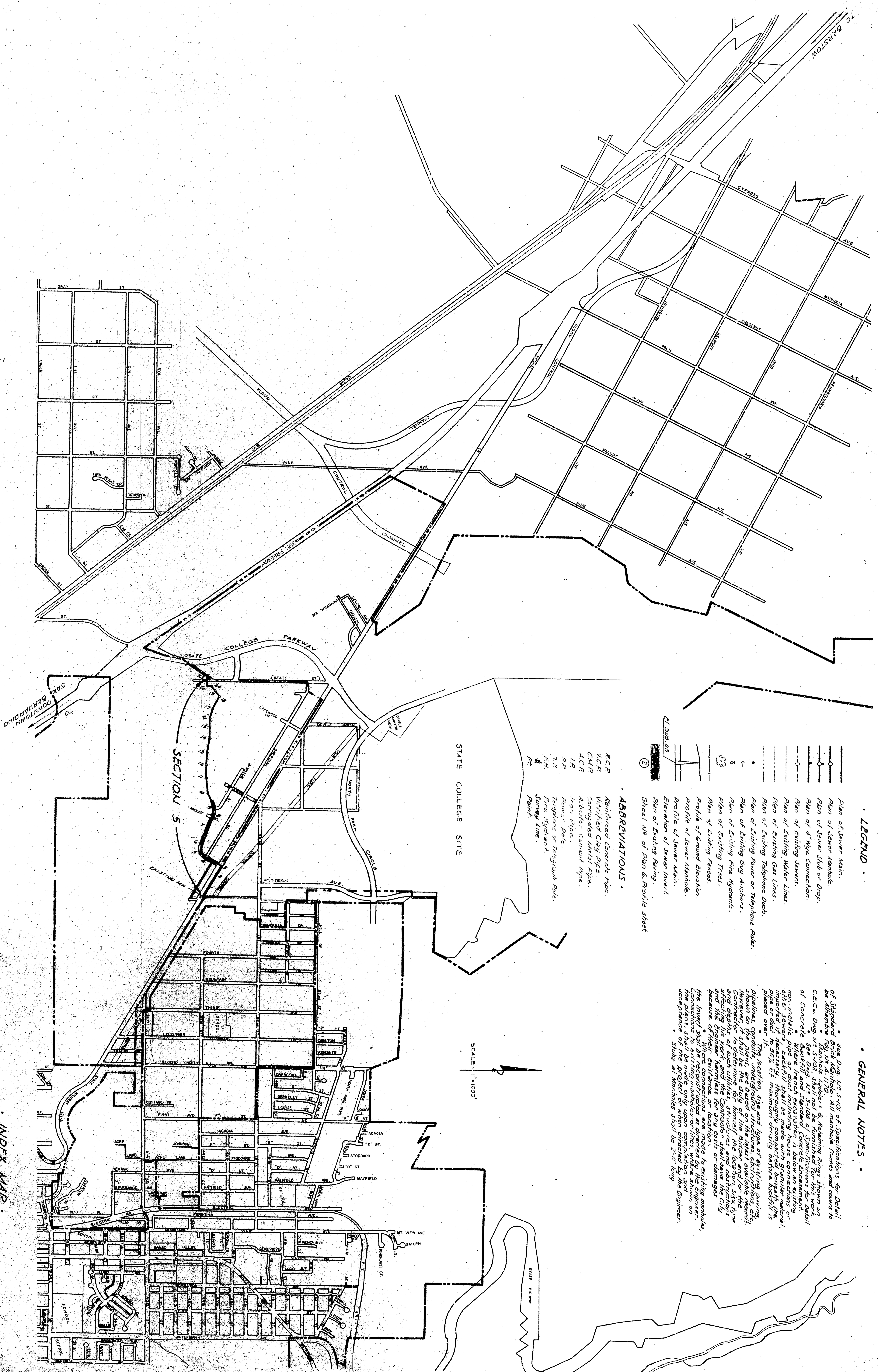
Where connections are made to existing manholes, the Contractor shall provide a connection to the existing manhole of lines which shall be accepted by the City Engineer and the Contractor.

Subs of Manholes shall be 3'0" long.

SCALE 1" = 100'

INDEX MAP  
 PLAN No. 334G  
 PLANS & PROFILES INTERCEPTING SEWERS  
 SAN BERNARDINO, CALIFORNIA  
 CURTIS ENGINEERING COMPANY





**LEGEND**

- Plan of Sewer Main
- Plan of Sewer Mains
- Plan of Sewer Joints or Drops
- Plan of 4" Pipe Connection
- Plan of Existing Sewers
- Plan of Existing Water Lines
- Plan of Existing Gas Lines
- Plan of Existing Telephone Lines
- Plan of Existing Power or Telephone Poles
- Plan of Existing Guy Anchors
- Plan of Existing Fire Hydrants
- Plan of Existing Trees
- Profile of Sewer Main
- Profile of Sewer Mains
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- F.H. Fire Hydrant
- S.L. Survey Line
- Pt. Point

**GENERAL NOTES**

See Div. 47-5-101 of Specifications for Detail of Standard Pipe, 47-5-110. All manhole frames and covers to be of concrete. See Div. 47-5-110 of Specifications for detail of concrete. Where trench walls are to be concrete, non-metallic pipe or duct including house connections or imported if feasible, through commercial establishments, pipe or duct to 95% of maximum density before backfill is placed. The location, size and type of existing paving, shown on the plan, under existing structures, driveways, etc., however, it shall be the duty of the contractor to determine the location, size and depth of such utilities, structures, etc., and to protect them during his work, and the Contractor shall save the City because of their existence or location or damaged. Where connections are made to existing manholes, the Contractor shall provide manholes of lines, which shall be of the same size as the existing manholes, and shall be accepted of the project when completed and accepted by the Engineer. Subs of Manholes shall be 3'0" long.

SCALE 1" = 100'

STATE COLLEGE SITE

SECTION 5

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 PLANS & PROFILES INTERCEPTING SEWERS  
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