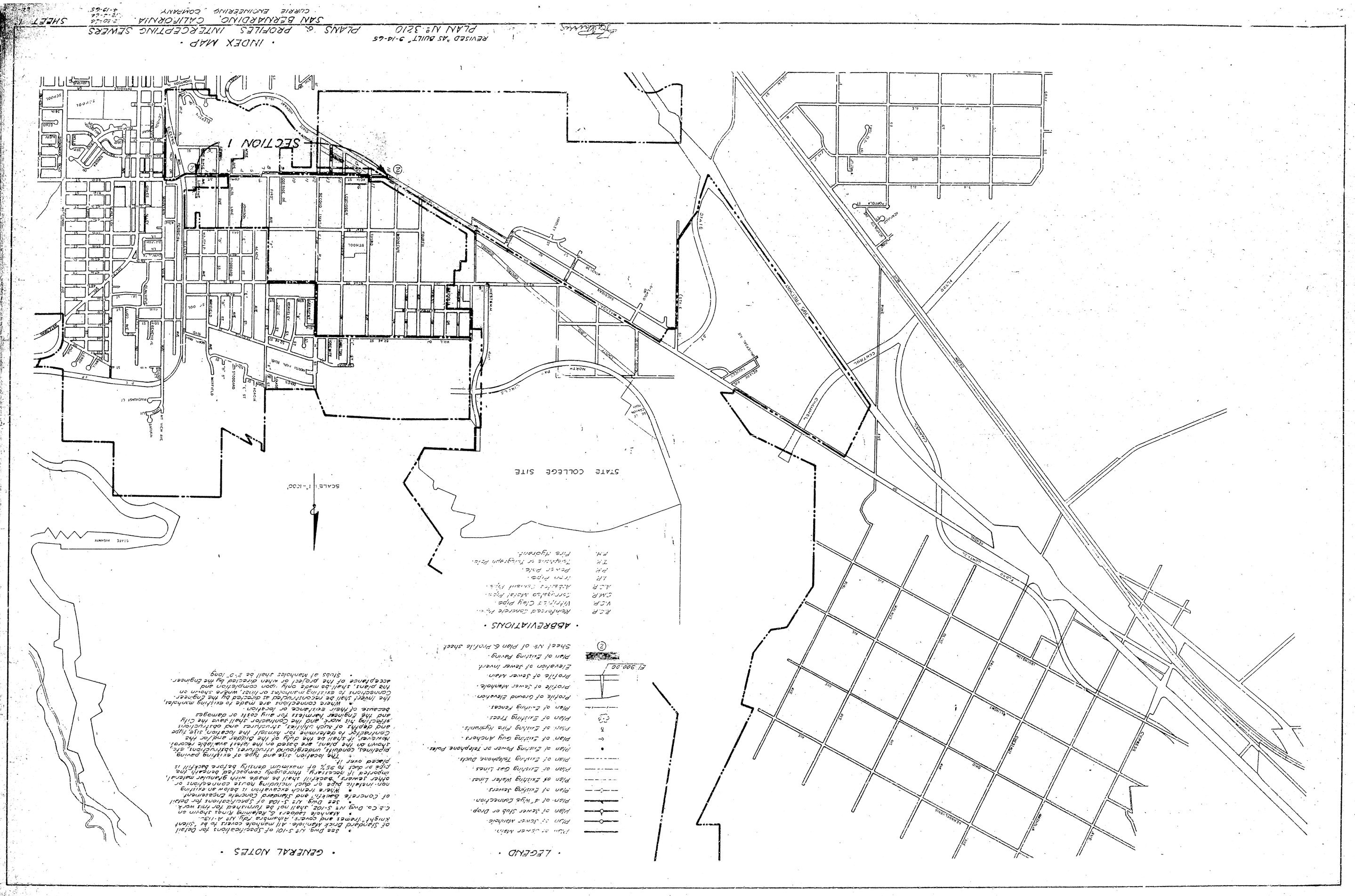


· INDEX MAP ·

REVISED "AS BUILT" 9-14-65
PLAN No. 3210

PLANS & PROFILES INTERCEPTING SEWERS
SAN BERNARDINO, CALIFORNIA
CURRIE ENGINEERING COMPANY

SHEET 1

· GENERAL NOTES ·

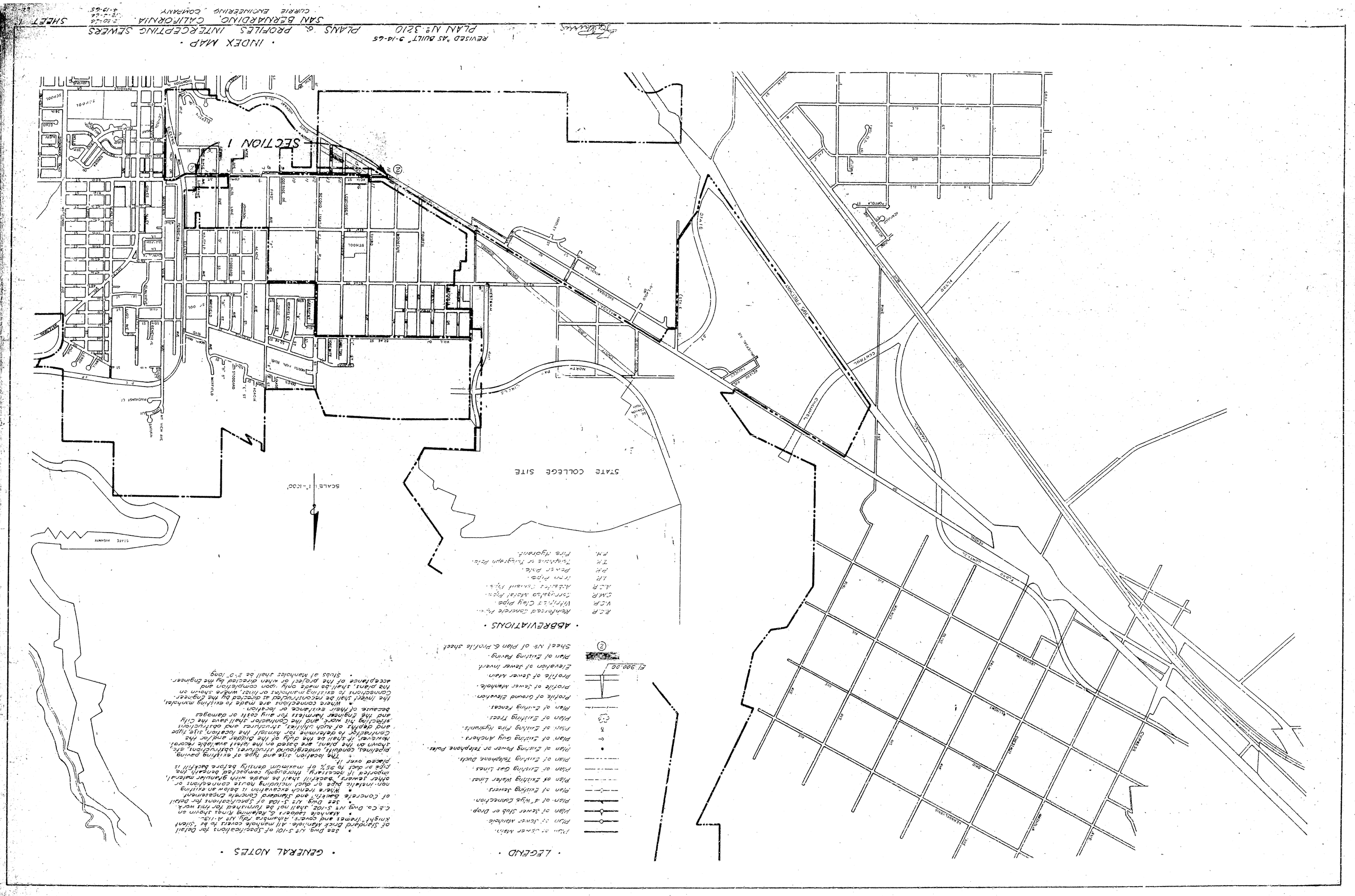
- See Dwg. No. S-101 of Specifications for Detail of Standard Brick Manhole. All manhole covers to be "Silent Knight" frames and covers, Alhambra Fdy. No. A-1190.
- Manhole Ladders & Retaining Rings shown on C.&Co. Dwg. No. S-102, shall not be furnished for this work.
- See Dwg. No. S-104 of Specifications for Detail of Concrete Backfill and Standard Concrete Encasement.
- Where trench excavation is below an existing non-metallic pipe or duct including house connections or other sewers, backfill shall be made with granular material, imported if necessary, thoroughly compacted beneath the pipe or duct to 95% of maximum density before backfill is placed over it.
- The location, size and type of existing paving, pipelines, conduits, underground structures, obstructions, etc., shown on the plans, are based on the latest available records. However, it shall be the duty of the Bidder and/or the Contractor to determine for himself the location, size, type and depths of such utilities, structures and obstructions affecting his work, and the Contractor shall save the City and the Engineer harmless for any costs or damages because of their existence or location.
- Where connections are made to existing manholes, the invert shall be reconstructed as directed by the Engineer. Connections to existing manholes or lines, where shown on the plans, shall be made only upon completion and acceptance of the project or when directed by the Engineer.
- Stubs at manholes shall be 2'-0" long.

· LEGEND ·

- Plan of Sewer Main.
- Plan of Sewer Manhole.
- Plan of Sewer Stub or Drop.
- Plan of 4" Wye Connection.
- Plan of Existing Sewers.
- Plan of Existing Water Lines.
- Plan of Existing Gas Lines.
- Plan of Existing Telephone Ducts.
- Plan of Existing Power or Telephone Poles.
- Plan of Existing Guy Anchors.
- Plan of Existing Fire Hydrants.
- Plan of Existing Trees.
- Plan of Existing Fences.
- Profile of Ground Elevation.
- Profile of Sewer Manhole.
- Profile of Sewer Main.
- Elevation 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.	Corrugated Metal Pipe.
A.C.P.	Asbestos Cement Pipe.
I.P.	Iron Pipe.
P.P.	Power Pole.
T.P.	Telephone or Telegraph Pole.
F.H.	Fire Hydrant.



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· LEGEND ·

- Plan of Sewer Main.
- Plan of Sewer Manhole.
- Plan of Sewer Stub or Drop.
- Plan of 4" Wye Connection.
- Plan of Existing Sewers.
- Plan of Existing Water Lines.
- Plan of Existing Gas Lines.
- Plan of Existing Telephone Ducts.
- Plan of Existing Power or Telephone Poles.
- Plan of Existing Guy Anchors.
- Plan of Existing Fire Hydrants.
- Plan of Existing Trees.
- Plan of Existing Fences.
- Profile of Ground Elevation.
- Profile of Sewer Manhole.
- Profile of Sewer Main.
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