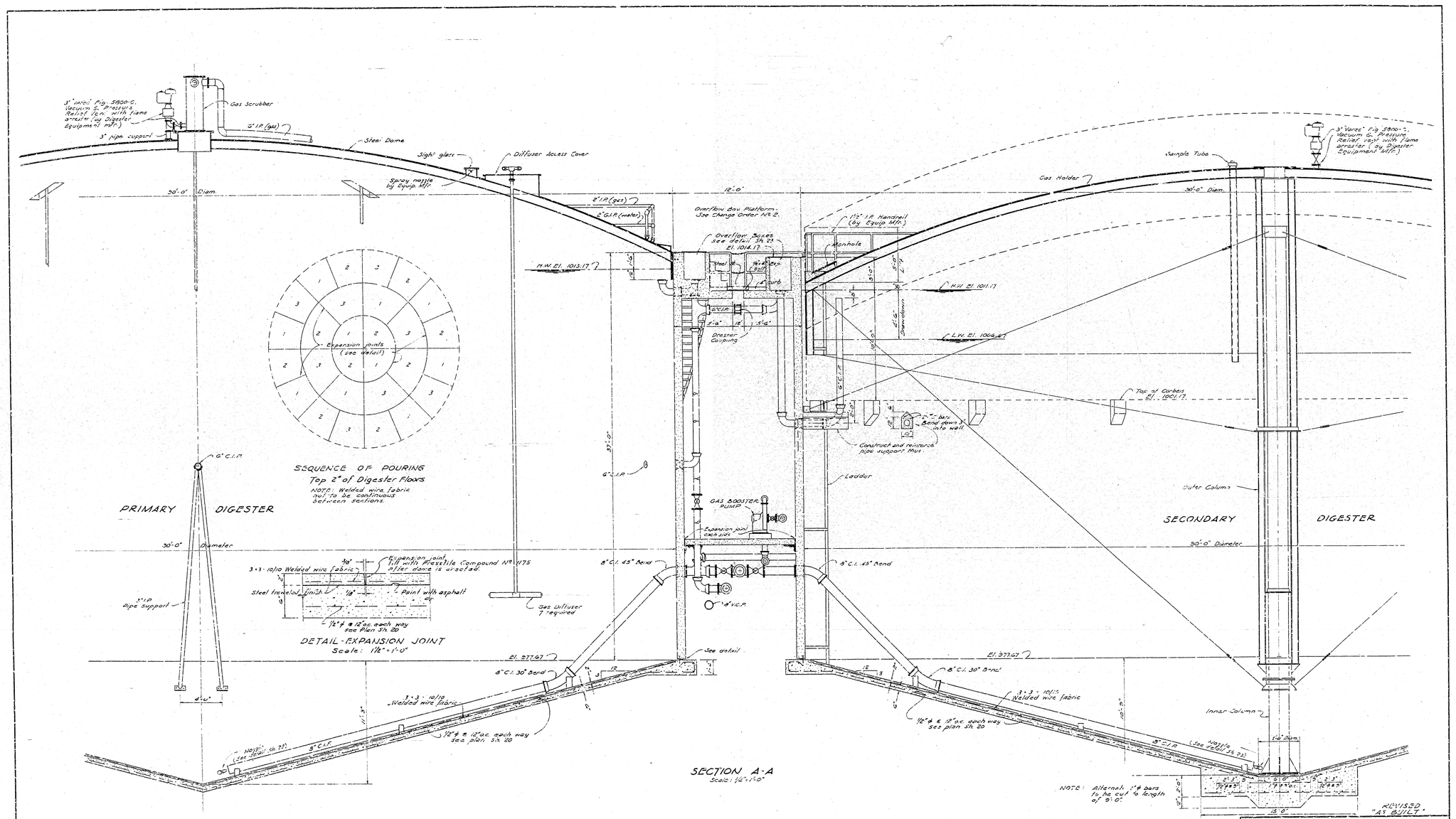
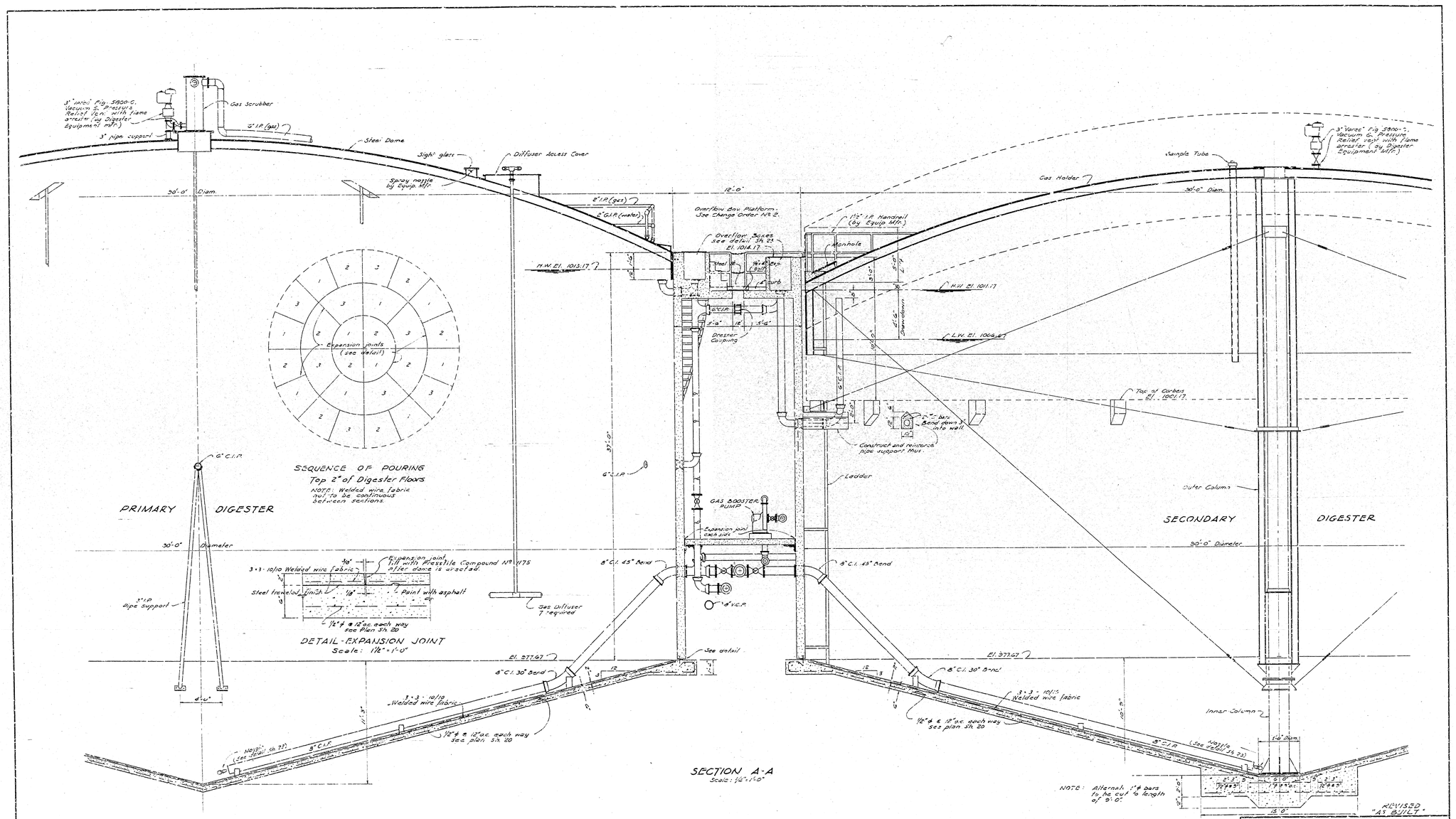

3" Varec Fig. 5820-C. Vacuum & Pressure Relief Valve with flame arrester (by Digester Equipment Mfr.)
Gas Scrubber
3" I.P. (gas)
3" pipe support
Steel Dome
Sight glass
Diffuser Access Cover
Spray nozzle by Equip. Mfr.
30'-0" Diam.
12'-0"
2" I.P. (gas)
2" G.I.P. (water)
Overflow Box Platform See Change Order No. 2.
Overflow Boxes see detail Sh. 23
El. 1016.17
1½" I.P. Handrail (by Equip. Mfr.)
Manhole
Gas Holder
Sample Tube
30'-0" Diam.
3" Varec Fig. 5820-C. Vacuum & Pressure Relief valve with flame arrester (by Digester Equipment Mfr.)
H.W. El. 1013.17
H.W. El. 1011.17
L.W. El. 1006.67
Drawdown
Dresser Coupling
Expansion joints (see detail)
SEQUENCE OF POURING
Top 2" of Digester Floors
NOTE: Welded wire fabric not to be continuous between sections.
6" C.I.P.
PRIMARY DIGESTER
30'-0" Diameter
3" I.P. Pipe Support
4'-0"
Top of Corbels El. 1001.17
Construct and reinforce pipe support Mat.
Ladder
Outer Column
GAS BOOSTER PUMP
Expansion joint each side
8" C.I. 45° Bend
4" V.C.P.
SECONDARY DIGESTER
30'-0" Diameter
Expansion joint filled with Presstite Compound No. 175 after dome is erected.
3 × 3 - 10/10 Welded wire fabric
Steel trowled finish
Paint with asphalt
½" ϕ @ 12" o.c. each way See Plan Sh. 20
Gas Diffuser 7 required
DETAIL - EXPANSION JOINT
Scale: 1/2" = 1'-0"
See detail
El. 977.67
8" C.I. 30° Bend
3 × 3 - 10/10 Welded wire fabric
½" ϕ @ 12" o.c. each way See plan Sh. 20
Inner Column
Nozzle (See detail Sh. 23)
SECTION A-A
Scale: 1/2" = 1'-0"
NOTE: Alternate ½" ϕ bars to be cut to length of 9'-0"
REVISED "AS BUILT"
SEWAGE TREATMENT WORKS
SAN BERNARDINO
CALIFORNIA
1958
CURRIE ENGINEERING COMPANY
CONSULTING ENGINEERS
DIGESTERS SECTION
22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Expansion joint each side
8" C.I. 45° Bend
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