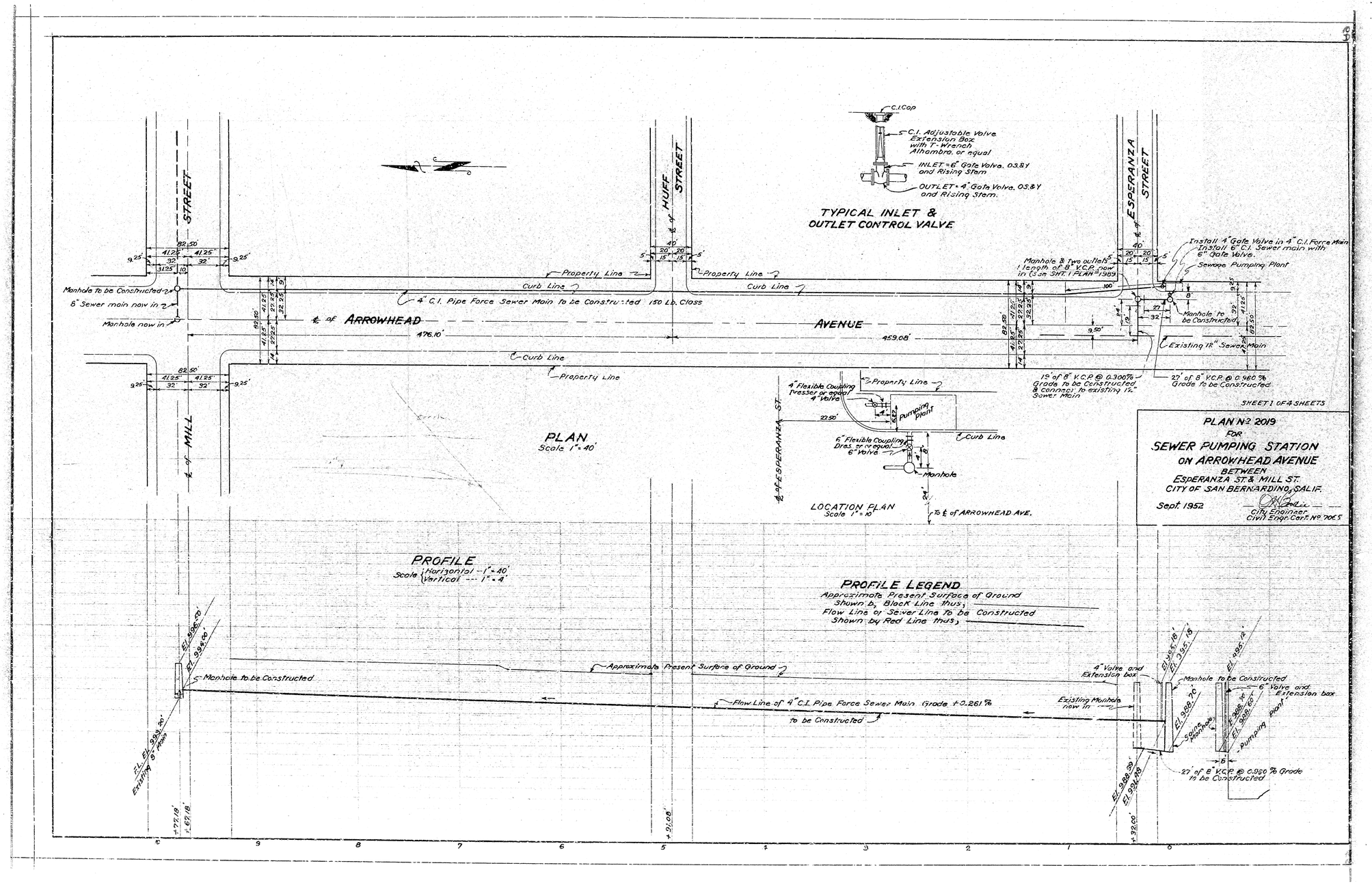
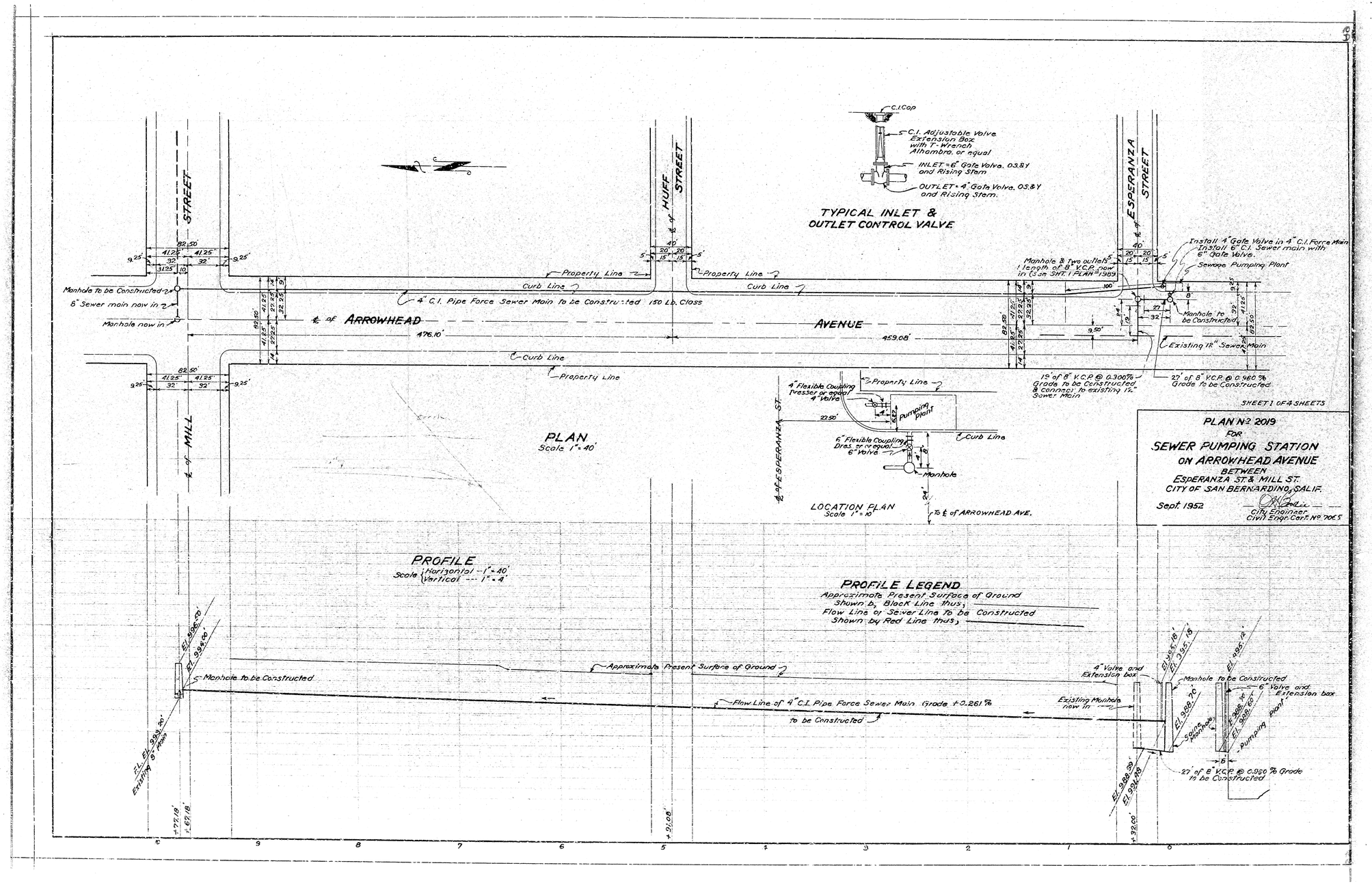

C.I. Cap
5" C.I. Adjustable Valve Extension Box with T-Wrench Alhambra, or equal
INLET - 6" Gate Valve, O.S.&Y and Rising Stem
OUTLET - 4" Gate Valve, O.S.&Y and Rising Stem.
TYPICAL INLET & OUTLET CONTROL VALVE
MILL STREET
HUFF STREET
ESPERANZA STREET
Manhole to be Constructed
8" Sewer main now in
Manhole now in
Property Line
Curb Line
4" C.I. Pipe Force Sewer Main to be Constructed 150 Lb. Class
℄ of ARROWHEAD AVENUE
476.10'
459.08'
Manhole & two outlets length of 8" V.C.P. now in (See SHT. 1 PLAN #1989)
Install 4" Gate Valve in 4" C.I. Force Main
Install 6" C.I. Sewer main with 6" Gate Valve.
Sewage Pumping Plant
Manhole to be Constructed
Existing 12" Sewer Main
19' of 8" V.C.P. @ 0.300% Grade to be Constructed & connect to existing 12" Sewer Main
23' of 8" V.C.P. @ 0.480% Grade to be Constructed
SHEET 1 OF 4 SHEETS
4" Flexible Coupling Dresser or equal
4" Valve
pumping plant
6" Flexible Coupling Dres. or equal
6" Valve
Manhole
℄ of ESPERANZA ST.
To ℄ of ARROWHEAD AVE.
PLAN
Scale 1" = 40'
LOCATION PLAN
Scale 1" = 10'
PLAN No. 2019
FOR
SEWER PUMPING STATION
ON ARROWHEAD AVENUE
BETWEEN
ESPERANZA ST. & MILL ST.
CITY OF SAN BERNARDINO, CALIF.
Sept. 1952
City Engineer
Civil Engr. Cert. No. 7065
PROFILE
Scale Horizontal - 1" = 40'
Vertical - 1" = 4'
PROFILE LEGEND
Approximate Present Surface of Ground Shown by Black Line thus
Flow Line of Sewer Line to be Constructed Shown by Red Line thus
Approximate Present Surface of Ground
Flow Line of 4" C.I. Pipe Force Sewer Main Grade +0.261% to be Constructed
Manhole to be Constructed
Existing 8" Main
4" Valve and Extension box
Existing Manhole now in
Manhole to be Constructed
6" Valve and Extension box
Pumping plant
27' of 8" V.C.P. @ 0.930% Grade to be Constructed


C.I. Cap
5" C.I. Adjustable Valve Extension Box with T-Wrench Alhambra, or equal
INLET - 6" Gate Valve, O.S.&Y and Rising Stem
OUTLET - 4" Gate Valve, O.S.&Y and Rising Stem.
TYPICAL INLET & OUTLET CONTROL VALVE
MILL STREET
HUFF STREET
ESPERANZA STREET
Manhole to be Constructed
8" Sewer main now in
Manhole now in
Property Line
Curb Line
4" C.I. Pipe Force Sewer Main to be Constructed 150 Lb. Class
℄ of ARROWHEAD AVENUE
476.10'
459.08'
Manhole & two outlets length of 8" V.C.P. now in (See SHT. 1 PLAN #1989)
Install 4" Gate Valve in 4" C.I. Force Main
Install 6" C.I. Sewer main with 6" Gate Valve.
Sewage Pumping Plant
Manhole to be Constructed
Existing 12" Sewer Main
19' of 8" V.C.P. @ 0.300% Grade to be Constructed & connect to existing 12" Sewer Main
23' of 8" V.C.P. @ 0.480% Grade to be Constructed
SHEET 1 OF 4 SHEETS
4" Flexible Coupling Dresser or equal
4" Valve
pumping plant
6" Flexible Coupling Dres. or equal
6" Valve
Manhole
℄ of ESPERANZA ST.
To ℄ of ARROWHEAD AVE.
PLAN
Scale 1" = 40'
LOCATION PLAN
Scale 1" = 10'
PLAN No. 2019
FOR
SEWER PUMPING STATION
ON ARROWHEAD AVENUE
BETWEEN
ESPERANZA ST. & MILL ST.
CITY OF SAN BERNARDINO, CALIF.
Sept. 1952
City Engineer
Civil Engr. Cert. No. 7065
PROFILE
Scale Horizontal - 1" = 40'
Vertical - 1" = 4'
PROFILE LEGEND
Approximate Present Surface of Ground Shown by Black Line thus
Flow Line of Sewer Line to be Constructed Shown by Red Line thus
Approximate Present Surface of Ground
Flow Line of 4" C.I. Pipe Force Sewer Main Grade +0.261% to be Constructed
Manhole to be Constructed
Existing 8" Main
4" Valve and Extension box
Existing Manhole now in
Manhole to be Constructed
6" Valve and Extension box
Pumping plant
27' of 8" V.C.P. @ 0.930% Grade to be Constructed