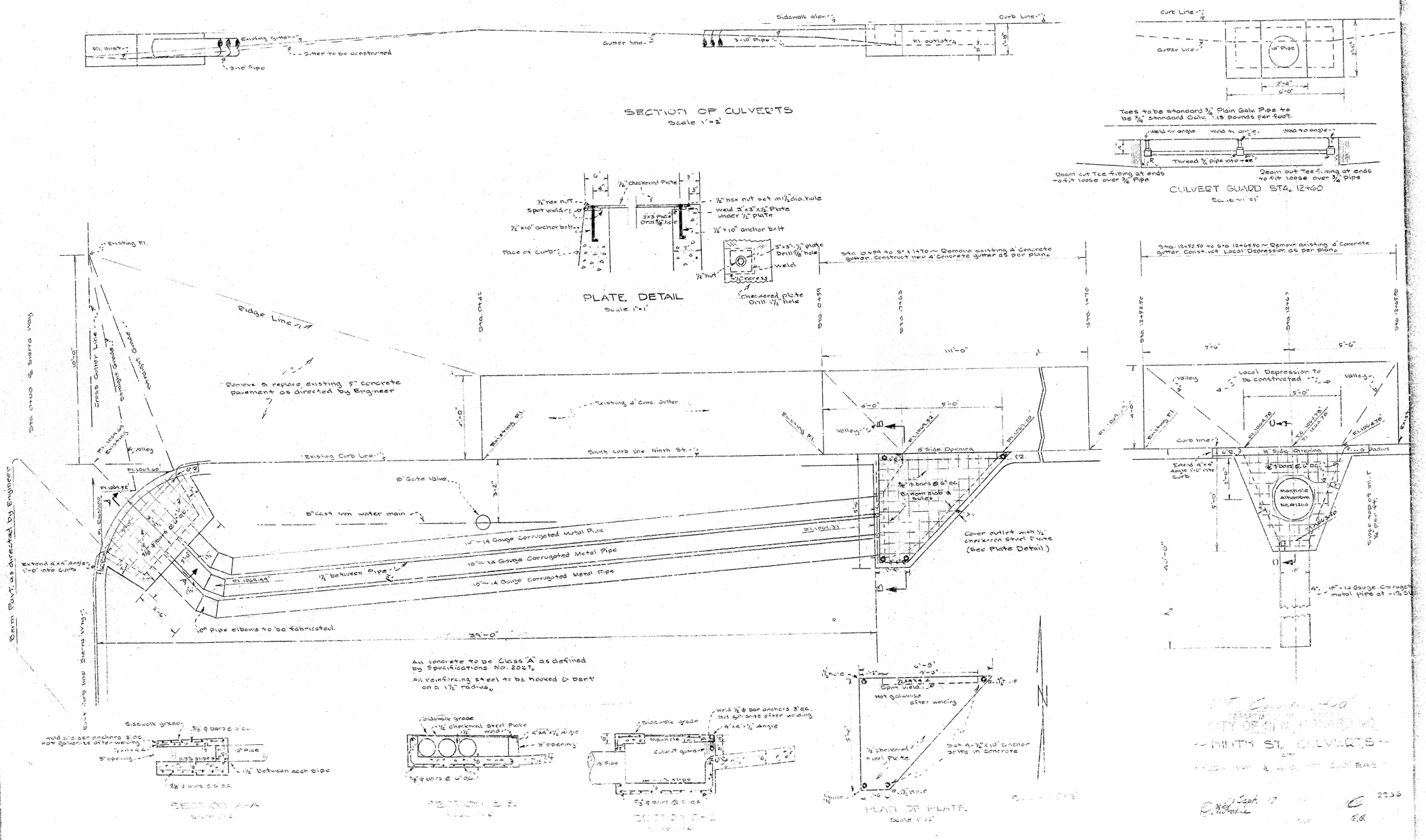
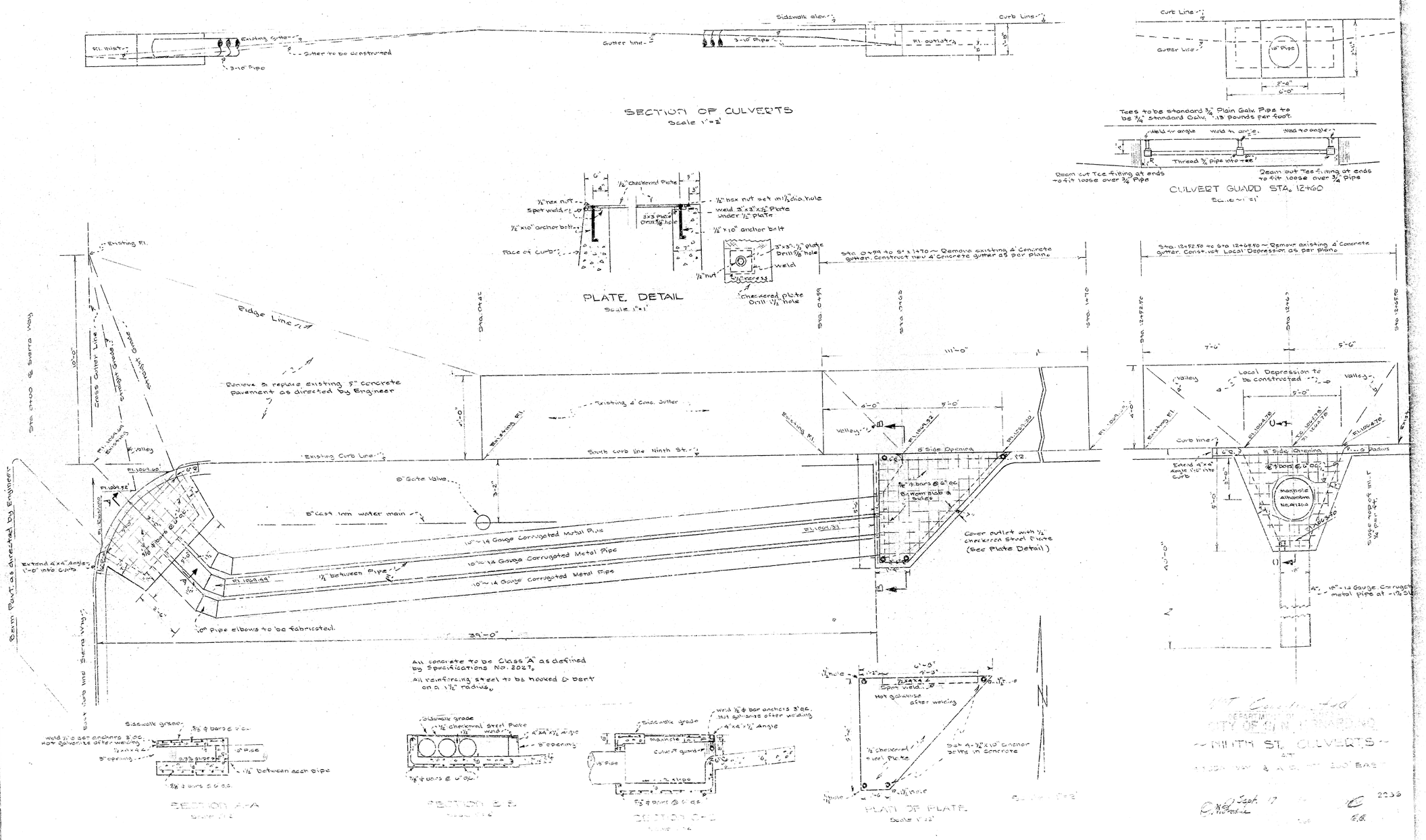

SECTION OF CULVERTS
Scale 1"=2'
Fl. Inlet
Existing Gutter
Gutter to be constructed
3-10" Pipe
Gutter line
Sidewalk elev.
Curb Line
Fl. outlet
CULVERT GUARD STA. 12+60
Scale 1"=1'
Tees to be standard 3/4" Plain Galv. Pipe to be 3/4" standard Galv. 1.13 pounds per foot.
Weld to angle
Thread 3/4" pipe into tee
Ream out Tee fitting at ends to fit loose over 3/4" Pipe
PLATE DETAIL
Scale 1"=1'
1/2" checkered Plate
1/2" hex nut
Spot weld
1/2" x 10" anchor bolt
Face of Curb
1/2" hex nut set in 1 1/8" dia. hole
weld 3"x3"x1/2" Plate under 1/2" plate
3x3 plate Drill 5/8" hole
1/2" nut
checkered plate Drill 1 1/2" hole
Sta. 0+99 to Sta 1+70 ~ Remove existing 4" Concrete gutter. Construct new 4" Concrete gutter as per plans
Sta. 12+92.50 to Sta 12+68.50 ~ Remove existing 4" Concrete gutter. Const. not Local Depression as per plans
Existing Fl.
Ridge Line
Remove & replace existing 5" concrete pavement as directed by Engineer
Existing 4" Conc. Gutter
Existing Curb Line
South curb line Ninth St.
8" Gate Valve
8" cast iron water main
10"~14 Gauge Corrugated Metal Pipe
1 1/2" between pipe
10" Pipe elbows to be fabricated.
Extend 4"x4" Angles 1'-0" into curb
8" Side Opening
Cover outlet with 1/2" checkered Steel Plate (See Plate Detail)
39'-0"
111'-0"
Local Depression to be constructed
Valley
Curb line
Manhole attached No. 4126
18" ~ 14 Gauge Corrugated metal pipe at ~1/2 Sl.
Ream out Curb line to Sta. 12+00 & Sierra Way
All concrete to be Class "A" as defined by Specifications No. 2027.
All reinforcing steel to be hooked & bent on a 1 1/2" radius.
Sidewalk grade
1/2" between each pipe
SECTION A-A
SECTION B-B
SECTION C-C
PLAN OF PLATE
Scale 1"=1'
Hot galvanize after welding
Set 4-1/2"x10" anchor bolts in concrete
CITY OF SAN BERNARDINO
NINTH ST. CULVERTS
2036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SECTION A-A
SECTION B-B
SECTION C-C
PLAN OF PLATE
Scale 1"=1'
Hot galvanize after welding
Set 4-1/2"x10" anchor bolts in concrete
CITY OF SAN BERNARDINO
NINTH ST. CULVERTS
2036