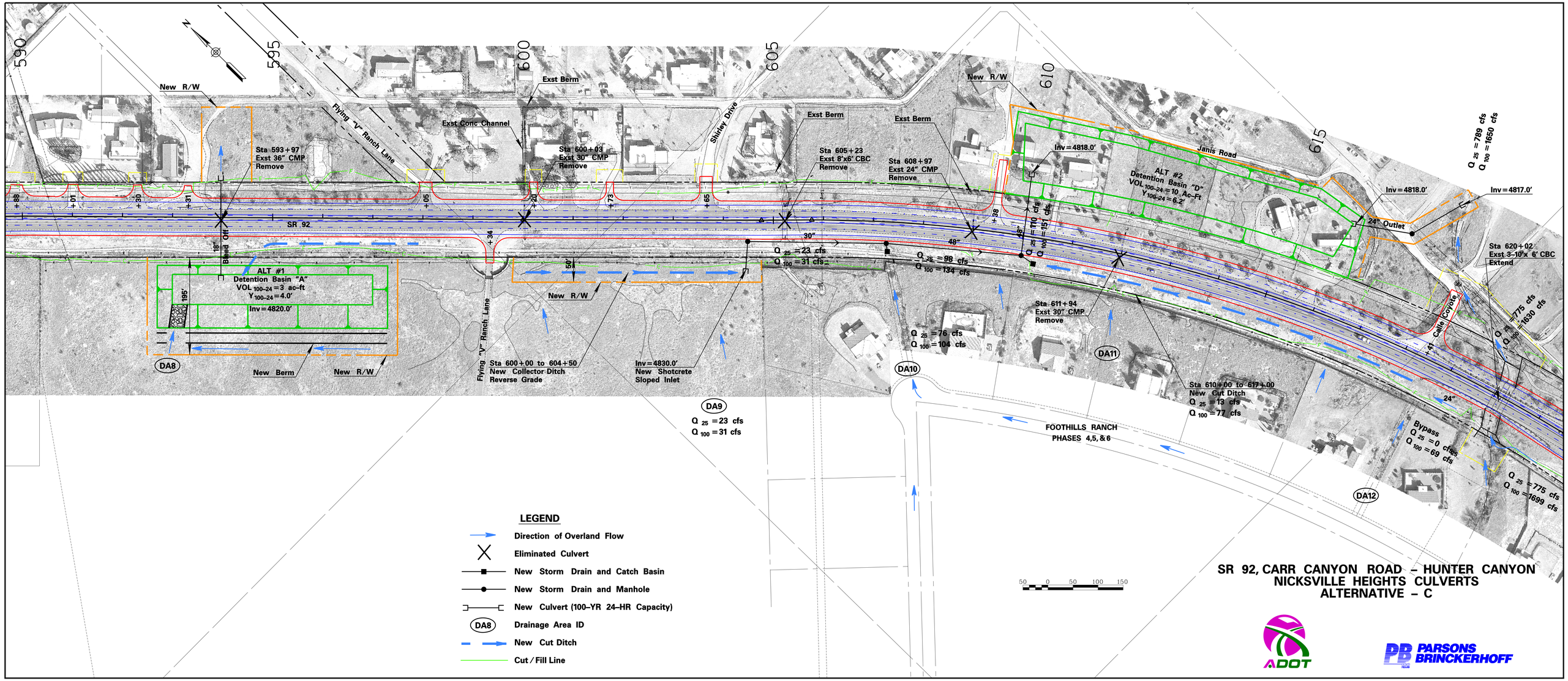
590
595
600
605
610
615
New R/W
Exst Berm
Exst Conc Channel
Flying "V" Ranch Lane
Shirley Drive
Janis Road
Sta 593+97
Exst 36" CMP
Remove
Sta 600+03
Exst 30" CMP
Remove
Sta 605+23
Exst 8'x6' CBC
Remove
Sta 608+97
Exst 24" CMP
Remove
Inv=4818.0'
ALT #2
Detention Basin "D"
VOL 100-24 = 10 Ac-Ft
Y 100-24 = 6.2'
Q 25 = 789 cfs
Q 100 = 1650 cfs
Inv=4817.0'
24" Outlet
Sta 620+02
Exst 3-10'x 6' CBC
Extend
SR 92
Bleed Off
ALT #1
Detention Basin "A"
VOL 100-24 = 3 ac-ft
Y 100-24 = 4.0'
Inv=4820.0'
Q 25 = 23 cfs
Q 100 = 31 cfs
Q 25 = 98 cfs
Q 100 = 134 cfs
Q 25 = 110 cfs
Q 100 = 151 cfs
Sta 611+94
Exst 30" CMP
Remove
Q 25 = 76 cfs
Q 100 = 104 cfs
Calle Coyote
Q 25 = 775 cfs
Q 100 = 1630 cfs
New Berm
Sta 600+00 to 604+50
New Collector Ditch
Reverse Grade
Inv=4830.0'
New Shotcrete
Sloped Inlet
DA8
DA9
DA10
DA11
DA12
Q 25 = 23 cfs
Q 100 = 31 cfs
Sta 610+00 to 617+00
New Cut Ditch
Q 25 = 13 cfs
Q 100 = 77 cfs
FOOTHILLS RANCH
PHASES 4,5, & 6
Bypass
Q 25 = 0 cfs
Q 100 = 69 cfs
Q 25 = 775 cfs
Q 100 = 1699 cfs
LEGEND
Direction of Overland Flow
Eliminated Culvert
New Storm Drain and Catch Basin
New Storm Drain and Manhole
New Culvert (100-YR 24-HR Capacity)
Drainage Area ID
New Cut Ditch
Cut / Fill Line
50 0 50 100 150
SR 92, CARR CANYON ROAD – HUNTER CANYON
NICKSVILLE HEIGHTS CULVERTS
ALTERNATIVE – C
ADOT
PARSONS BRINCKERHOFF