Future Ground over Pipe
2':1' Slope
Hinge Pt. Lot 39
1205.50 F.L. - R.C.P.
-1+92.00± End 33" R.C.P.
1206.87 F.L. -1+60.00=EC
1211.05 F.L. -0+62.26=BC
Place 257'±-33" R.C.P. (2000 D) +4.28%
1213.72 F.L.
1218.99 F.L. 8" V.C.P. Sewer
-0+05= 8" V.C.P. Sewer
0+00=℄
1225.12 Top Pvmt.
Pvmt. over Pipe
1 FOOD TRANSITION STRUCTURE PER CITY OF RIVERSIDE STD. DWG. NO. 404.
1 REMOVE EXIST. C.B. AND CURB AND GUTTER FROM STA. 0+40.50 TO STA. 0+72.50. CONST. C.B. PER CITY OF RIVERSIDE STD. DWG. NO. 407. L=21', V=1.65', D=4', NLY WING=3.33', SLY WING=3.33'
0+65=℄ C.B.
Const. Type 1 Catch Basin per Riv. City Std. #400 W/4' Opening
1224.06 T.C.B.
1223.23 F.L. Inlet
Natural Ground @ ℄ of 33" R.C.P.
Top of Curb 18' RT.
1217.57 F.L. 8" V.C.P. Sewer
(1750 D) Place 100'±-33" R.C.P. +4.58%
F.L. 8" V.C.P. Sewer @ 1.79%
1218.25 Inlet East 15" R.C.P.
1216.50 F.L. - R.C.P.
IDENTICAL PTS.
Place 37'±15" R.C.P. +7.00%
1220.84 F.L. Inlet West
1220 Lt.
1216.50 F.L. 33" R.C.P.
1218.25 F.L. Outlet East
℄ Barranca Dr.
1217.57 F.L. 8" V.C.P. Sewer
1+65.00 End Curb Rt.
1226.28 T.C.
1+65.00 End 33" RCP
1221.08 F.L.
+4.58%
IDENTICAL POINTS
2+50 B.V.C. Future Curb
3+00 Lt.
Future Top of Curb 18' RT.
200' V.C.
Future Curb
Future 33" R.C.P.
+4.58%
Natural Ground @ F.L. of Exist. Drainage Course
Future Top of Curb 18' Rt.
3+73.5 T.C. Future
29.55 Rt.
V.P.I. Future 36" R.C.P.
V.P.I. Future 200' V.C. (Curb)
+8.50%
Future 33" R.C.P.
+8.50%
4+50 E.V.C. Future Curb
3+50.00 V.P.I. Future 3" R.C.P.
V.P.I. Future 200' V.C. (Curb)
1209.55 F.L.
Natural Ground @ F.L. of Exist. Drainage Course
200' V.C.
Future Curb
1249.40± Top of Ex. 30" Gas Main Exposed Portion
1245.50± Top of Ex. 30" Gas Main Exposed Portion
1252.00± Future T.C. 18' Rt.
1246.80± F.L. Future 33" R.C.P.
5+53± ℄ of Exist. 30" Gas Line
1200 1210 1220 1230 1240 1250
-2+00 -1+00 0+00 1+00 2+00 Lt. 4+00 Rt. 5+00 Rt.
1206
1204
1202
See Outlet Detail this sheet
10' 15'
Natural F.L.
Place grouted 12" dia. rock 2' O.C. per Sec. A-A this sht.
2':1' Slope
Identical Points
12' Sewer Easement
Gar. 26.47
41
40
P.E. 26.5 F.F. 27.17
Gar. 26.67
-0+62.26= B.C.
-1+60.00= E.C.
-1+92.00± End 36" R.C.P.
40' Drainage Easmt.
N 22°31'00"W. 32.00'±
Δ=14°00'00" R=400.00' T=49.11' L=97.74'
Drainage Easement
Gar. 29.57
P.E. 29.9 F.F. 30.57
2':1' Slope
39
Place 257'±-33" R.C.P. 2000 D
N08°31'00"W 127.26'
5'
0+00=℄
8" V.C.P. Sewer (See Plan No. S-547)
DOLPHIN ST.
Gar. 29.87
42
Gar. 29.87
43
0+65.00= Const. Type 1 Catch Basin per Riv. City Std. No. 400 W/4' Opening
1220.84 Inlet West 15" R.C.P.
Curb & Gutter per Plan R-868
BARRANCA DR.
8" V.C.P. Sewer (See Plan No. S-547)
Place W-21 Rs
1223.92 T.C. 10" C.F.
1223.92 T.C. 10" R.C.P.
22.50 D Place 37'± 15" R.C.P. @ 7.00%
1224.06 T.C. 10" C.F.
1224.06 T.C. 10" C.F.
Place 33" R.C.P. 1750 D
20.50' 18' 33' 5' 5.41' 4'
N 10°31'00"W 100.00'±
1216.50 F.L. 33" R.C.P.
1218.25 Outlet 15" R.C.P. East
0+65.00= Const. Type 1 Catch Basin per Riv. City Std. No. 400 W/4' Opening
Const. full channel in bottom per Std. Dwg. #425
Const. timber retaining wall
Posts - 4x6 treated Douglas Fir, Max 4' o.c.
Planks - 2x8 tongue & groove treated Douglas Fir.
Extend posts to construct Barricade per Riv. City Std. No. 180.
See Detail this Sheet.
1 REMOVE EXIST. C.B. AND CURB AND GUTTER FROM STA. 0+40.50 TO STA. 0+72.50. CONST. C.B. PER CITY OF RIVERSIDE STD. DWG. NO. 407.
44
Gar. 32.47
P.E. 32.3 F.F. 32.97
P.E. 36.8 F.F. 37.47
1+65.00 End 33" RCP End Curb & Gutter Rt.
Tract Boundary
1+78.36=℄
Grade to Drain
1230 1232 1234 1228 1224 1226 1222
Future Street Improvements
Natural F.L.
Const. Barricade per City Std. No. 180.
℄ St.
Top Elev. 1227.00
12' Max.
Natural F.L.
33" R.C.P.
Natural Ground
Const 2x8 Tongue & Groove planking, treated Douglas Fir, Min of 2 plank widths Below natural ground.
Const 4x6 Treated Douglas Fir posts Max. 4' O.C., Embed posts in class "C" concrete, 4 ft. below natural ground.
SECTION B-B
TIMBER RETAINING WALL & BARRICADE
toe of Slope
Place grouted 12" dia. rock per Sec. A-A below.
Meet toe of slope with sacked concrete rip rap
toe of slope
"A"
℄ 33" R.C.P.
OUTLET DETAIL
NO SCALE
Outlet structure for culvert at ℄ Sta. -1+92.00 to be constructed of sacked concrete rip rap. Batter at face of rip rap shall be 6:1, length and exact location to be determined by Engineer to suit conditions in the field.
2':1' Slope
Place 12" Min. dia. rock 2' O.C. Embed 6" in 3 Sack per Cu. Yd. Concrete.
33" R.C.P.
1205.50 Elev.
Exist. Ground
6" Min
15'
SECTION "A"-"A"
NO SCALE
BENCH MARK: R.R. spike in palm tree east side of Alessandro Blvd. Elev 1248.88
INDEXED: RM
CRAWLEY & HAWKINS
ENGINEERS AND SURVEYORS
RIVERSIDE 6, CALIFORNIA
APPROVED George O. Crawley R.E. No. 9455 F.B. 62 Date 4-13-64
REVISIONS
MARK DATE DESCRIPTION
1 3-30-87 REMOVE AND CONST. C.B.
CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
STORM DRAIN PLAN & PROFILE
TRACT No. 2903
HORZ: SCALE 1"=20' VERT. SCALE 1"=4'
1-11-65
D-114
1 of 1