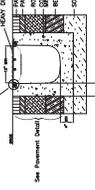


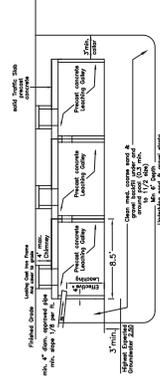


ATLAS LOCATION

THE IMPROVED GRADE OF THE CONCRETE CURB/GUTTER MUST BE APPROVED UPON THE TOP OF THE CHANNEL COVER.



STRIP DRAIN DETAIL



LEACHING GALLERY DETAIL

DRAINAGE SYSTEM "A" CALCULATIONS:

Area = 287.7 x 7.0 = 2013.9 sq. ft. = 46.52 ac.
 Runoff = 287.7 x 0.772 = 222.1 ac-ft.
 Runoff = 222.1 x 1.25 = 277.6 ac-ft.
 Runoff = 277.6 x 1.25 = 347.0 ac-ft.
 Runoff = 347.0 x 1.25 = 433.8 ac-ft.
 Runoff = 433.8 x 1.25 = 542.2 ac-ft.
 Runoff = 542.2 x 1.25 = 677.8 ac-ft.
 Runoff = 677.8 x 1.25 = 847.2 ac-ft.
 Runoff = 847.2 x 1.25 = 1059.0 ac-ft.
 Runoff = 1059.0 x 1.25 = 1323.8 ac-ft.
 Runoff = 1323.8 x 1.25 = 1654.8 ac-ft.
 Runoff = 1654.8 x 1.25 = 2068.5 ac-ft.
 Runoff = 2068.5 x 1.25 = 2585.6 ac-ft.
 Runoff = 2585.6 x 1.25 = 3232.0 ac-ft.
 Runoff = 3232.0 x 1.25 = 4040.0 ac-ft.
 Runoff = 4040.0 x 1.25 = 5050.0 ac-ft.
 Runoff = 5050.0 x 1.25 = 6312.5 ac-ft.
 Runoff = 6312.5 x 1.25 = 7890.6 ac-ft.
 Runoff = 7890.6 x 1.25 = 9863.3 ac-ft.
 Runoff = 9863.3 x 1.25 = 12329.1 ac-ft.
 Runoff = 12329.1 x 1.25 = 15411.4 ac-ft.
 Runoff = 15411.4 x 1.25 = 19264.2 ac-ft.
 Runoff = 19264.2 x 1.25 = 24080.3 ac-ft.
 Runoff = 24080.3 x 1.25 = 30100.4 ac-ft.
 Runoff = 30100.4 x 1.25 = 37625.5 ac-ft.
 Runoff = 37625.5 x 1.25 = 47031.9 ac-ft.
 Runoff = 47031.9 x 1.25 = 58789.9 ac-ft.
 Runoff = 58789.9 x 1.25 = 73487.4 ac-ft.
 Runoff = 73487.4 x 1.25 = 91859.2 ac-ft.
 Runoff = 91859.2 x 1.25 = 114824.0 ac-ft.
 Runoff = 114824.0 x 1.25 = 143530.0 ac-ft.
 Runoff = 143530.0 x 1.25 = 179412.5 ac-ft.
 Runoff = 179412.5 x 1.25 = 224265.6 ac-ft.
 Runoff = 224265.6 x 1.25 = 280332.0 ac-ft.
 Runoff = 280332.0 x 1.25 = 350415.0 ac-ft.
 Runoff = 350415.0 x 1.25 = 438018.8 ac-ft.
 Runoff = 438018.8 x 1.25 = 547523.5 ac-ft.
 Runoff = 547523.5 x 1.25 = 684404.4 ac-ft.
 Runoff = 684404.4 x 1.25 = 855505.5 ac-ft.
 Runoff = 855505.5 x 1.25 = 1069381.9 ac-ft.
 Runoff = 1069381.9 x 1.25 = 1336727.4 ac-ft.
 Runoff = 1336727.4 x 1.25 = 1670909.2 ac-ft.
 Runoff = 1670909.2 x 1.25 = 2088636.5 ac-ft.
 Runoff = 2088636.5 x 1.25 = 2610795.6 ac-ft.
 Runoff = 2610795.6 x 1.25 = 3263494.5 ac-ft.
 Runoff = 3263494.5 x 1.25 = 4079368.1 ac-ft.
 Runoff = 4079368.1 x 1.25 = 5099210.1 ac-ft.
 Runoff = 5099210.1 x 1.25 = 6374012.6 ac-ft.
 Runoff = 6374012.6 x 1.25 = 7967515.8 ac-ft.
 Runoff = 7967515.8 x 1.25 = 9959394.8 ac-ft.
 Runoff = 9959394.8 x 1.25 = 12449243.5 ac-ft.
 Runoff = 12449243.5 x 1.25 = 15561554.4 ac-ft.
 Runoff = 15561554.4 x 1.25 = 19451943.0 ac-ft.
 Runoff = 19451943.0 x 1.25 = 24314928.8 ac-ft.
 Runoff = 24314928.8 x 1.25 = 30393661.0 ac-ft.
 Runoff = 30393661.0 x 1.25 = 38000000.0 ac-ft.
 Runoff = 38000000.0 x 1.25 = 47500000.0 ac-ft.
 Runoff = 47500000.0 x 1.25 = 59375000.0 ac-ft.
 Runoff = 59375000.0 x 1.25 = 74218750.0 ac-ft.
 Runoff = 74218750.0 x 1.25 = 92773438.0 ac-ft.
 Runoff = 92773438.0 x 1.25 = 115966797.5 ac-ft.
 Runoff = 115966797.5 x 1.25 = 144958496.9 ac-ft.
 Runoff = 144958496.9 x 1.25 = 181198121.1 ac-ft.
 Runoff = 181198121.1 x 1.25 = 226497651.4 ac-ft.
 Runoff = 226497651.4 x 1.25 = 283122064.2 ac-ft.
 Runoff = 283122064.2 x 1.25 = 353902580.3 ac-ft.
 Runoff = 353902580.3 x 1.25 = 442378225.4 ac-ft.
 Runoff = 442378225.4 x 1.25 = 552972781.8 ac-ft.
 Runoff = 552972781.8 x 1.25 = 691215977.2 ac-ft.
 Runoff = 691215977.2 x 1.25 = 864020000.0 ac-ft.
 Runoff = 864020000.0 x 1.25 = 1080025000.0 ac-ft.
 Runoff = 1080025000.0 x 1.25 = 1350031250.0 ac-ft.
 Runoff = 1350031250.0 x 1.25 = 1687539062.5 ac-ft.
 Runoff = 1687539062.5 x 1.25 = 2109423828.1 ac-ft.
 Runoff = 2109423828.1 x 1.25 = 2636779785.1 ac-ft.
 Runoff = 2636779785.1 x 1.25 = 3295974731.4 ac-ft.
 Runoff = 3295974731.4 x 1.25 = 4119968414.2 ac-ft.
 Runoff = 4119968414.2 x 1.25 = 5149960517.8 ac-ft.
 Runoff = 5149960517.8 x 1.25 = 6437450647.2 ac-ft.
 Runoff = 6437450647.2 x 1.25 = 8046813309.0 ac-ft.
 Runoff = 8046813309.0 x 1.25 = 10058516636.2 ac-ft.
 Runoff = 10058516636.2 x 1.25 = 12573145795.3 ac-ft.
 Runoff = 12573145795.3 x 1.25 = 15716432244.1 ac-ft.
 Runoff = 15716432244.1 x 1.25 = 19645540305.1 ac-ft.
 Runoff = 19645540305.1 x 1.25 = 24556925381.4 ac-ft.
 Runoff = 24556925381.4 x 1.25 = 30696156726.8 ac-ft.
 Runoff = 30696156726.8 x 1.25 = 38370195908.5 ac-ft.
 Runoff = 38370195908.5 x 1.25 = 47962744885.6 ac-ft.
 Runoff = 47962744885.6 x 1.25 = 59953431107.0 ac-ft.
 Runoff = 59953431107.0 x 1.25 = 74941788883.8 ac-ft.
 Runoff = 74941788883.8 x 1.25 = 93677236104.7 ac-ft.
 Runoff = 93677236104.7 x 1.25 = 117096545130.9 ac-ft.
 Runoff = 117096545130.9 x 1.25 = 146370681413.6 ac-ft.
 Runoff = 146370681413.6 x 1.25 = 182963351767.0 ac-ft.
 Runoff = 182963351767.0 x 1.25 = 228704189708.8 ac-ft.
 Runoff = 228704189708.8 x 1.25 = 285880237136.0 ac-ft.
 Runoff = 285880237136.0 x 1.25 = 357350296420.0 ac-ft.
 Runoff = 357350296420.0 x 1.25 = 446687870525.0 ac-ft.
 Runoff = 446687870525.0 x 1.25 = 558359838156.2 ac-ft.
 Runoff = 558359838156.2 x 1.25 = 697949797695.3 ac-ft.
 Runoff = 697949797695.3 x 1.25 = 872437247119.1 ac-ft.
 Runoff = 872437247119.1 x 1.25 = 1090546558898.8 ac-ft.
 Runoff = 1090546558898.8 x 1.25 = 1363183198623.5 ac-ft.
 Runoff = 1363183198623.5 x 1.25 = 1703979000000.0 ac-ft.
 Runoff = 1703979000000.0 x 1.25 = 2129973750000.0 ac-ft.
 Runoff = 2129973750000.0 x 1.25 = 2662467187500.0 ac-ft.
 Runoff = 2662467187500.0 x 1.25 = 3328083984375.0 ac-ft.
 Runoff = 3328083984375.0 x 1.25 = 4160104980468.8 ac-ft.
 Runoff = 4160104980468.8 x 1.25 = 5200128725586.0 ac-ft.
 Runoff = 5200128725586.0 x 1.25 = 6500160907000.0 ac-ft.
 Runoff = 6500160907000.0 x 1.25 = 8125201133750.0 ac-ft.
 Runoff = 8125201133750.0 x 1.25 = 10156501417187.5 ac-ft.
 Runoff = 10156501417187.5 x 1.25 = 12695626771484.4 ac-ft.
 Runoff = 12695626771484.4 x 1.25 = 15869533464355.5 ac-ft.
 Runoff = 15869533464355.5 x 1.25 = 19836916830444.4 ac-ft.
 Runoff = 19836916830444.4 x 1.25 = 24796146038055.5 ac-ft.
 Runoff = 24796146038055.5 x 1.25 = 30995182547569.4 ac-ft.
 Runoff = 30995182547569.4 x 1.25 = 38743978184461.8 ac-ft.
 Runoff = 38743978184461.8 x 1.25 = 48429972730577.2 ac-ft.
 Runoff = 48429972730577.2 x 1.25 = 60537465913221.5 ac-ft.
 Runoff = 60537465913221.5 x 1.25 = 75671832391526.9 ac-ft.
 Runoff = 75671832391526.9 x 1.25 = 94589790489408.6 ac-ft.
 Runoff = 94589790489408.6 x 1.25 = 118237238111760.8 ac-ft.
 Runoff = 118237238111760.8 x 1.25 = 147796547639701.0 ac-ft.
 Runoff = 147796547639701.0 x 1.25 = 184745684549626.2 ac-ft.
 Runoff = 184745684549626.2 x 1.25 = 230932105687032.8 ac-ft.
 Runoff = 230932105687032.8 x 1.25 = 288665132108791.0 ac-ft.
 Runoff = 288665132108791.0 x 1.25 = 360831415135988.8 ac-ft.
 Runoff = 360831415135988.8 x 1.25 = 451039268920000.0 ac-ft.
 Runoff = 451039268920000.0 x 1.25 = 563799086150000.0 ac-ft.
 Runoff = 563799086150000.0 x 1.25 = 704748857687500.0 ac-ft.
 Runoff = 704748857687500.0 x 1.25 = 880936072109375.0 ac-ft.
 Runoff = 880936072109375.0 x 1.25 = 1101170090136718.8 ac-ft.
 Runoff = 1101170090136718.8 x 1.25 = 1376462612670898.5 ac-ft.
 Runoff = 1376462612670898.5 x 1.25 = 1720578265838623.1 ac-ft.
 Runoff = 1720578265838623.1 x 1.25 = 2150722832298279.0 ac-ft.
 Runoff = 2150722832298279.0 x 1.25 = 2688403540372848.8 ac-ft.
 Runoff = 2688403540372848.8 x 1.25 = 3360504425466061.0 ac-ft.
 Runoff = 3360504425466061.0 x 1.25 = 4199630531832576.2 ac-ft.
 Runoff = 4199630531832576.2 x 1.25 = 5249538164790720.3 ac-ft.
 Runoff = 5249538164790720.3 x 1.25 = 6561922705988400.4 ac-ft.
 Runoff = 6561922705988400.4 x 1.25 = 8202403382485500.5 ac-ft.
 Runoff = 8202403382485500.5 x 1.25 = 10253004228106875.6 ac-ft.
 Runoff = 10253004228106875.6 x 1.25 = 12816255285133594.5 ac-ft.
 Runoff = 12816255285133594.5 x 1.25 = 16020319106416993.1 ac-ft.
 Runoff = 16020319106416993.1 x 1.25 = 20025398883021241.4 ac-ft.
 Runoff = 20025398883021241.4 x 1.25 = 25031748603776551.8 ac-ft.
 Runoff = 25031748603776551.8 x 1.25 = 31289685754720689.7 ac-ft.
 Runoff = 31289685754720689.7 x 1.25 = 39112107193400862.1 ac-ft.
 Runoff = 39112107193400862.1 x 1.25 = 48890133991751077.6 ac-ft.
 Runoff = 48890133991751077.6 x 1.25 = 61112667489688847.0 ac-ft.
 Runoff = 61112667489688847.0 x 1.25 = 76390834362111058.8 ac-ft.
 Runoff = 76390834362111058.8 x 1.25 = 95488542952638823.5 ac-ft.
 Runoff = 95488542952638823.5 x 1.25 = 119360678690798529.4 ac-ft.
 Runoff = 119360678690798529.4 x 1.25 = 149200848363498161.8 ac-ft.
 Runoff = 149200848363498161.8 x 1.25 = 186501060454372702.2 ac-ft.
 Runoff = 186501060454372702.2 x 1.25 = 233126325567965877.8 ac-ft.
 Runoff = 233126325567965877.8 x 1.25 = 291407906959957347.2 ac-ft.
 Runoff = 291407906959957347.2 x 1.25 = 364259883699946684.0 ac-ft.
 Runoff = 364259883699946684.0 x 1.25 = 455324854624933355.0 ac-ft.
 Runoff = 455324854624933355.0 x 1.25 = 569156068281166693.8 ac-ft.
 Runoff = 569156068281166693.8 x 1.25 = 711445085351458367.2 ac-ft.
 Runoff = 711445085351458367.2 x 1.25 = 889306356689322959.0 ac-ft.
 Runoff = 889306356689322959.0 x 1.25 = 1111632945861653698.8 ac-ft.
 Runoff = 1111632945861653698.8 x 1.25 = 1389541182327067123.5 ac-ft.
 Runoff = 1389541182327067123.5 x 1.25 = 1736926477908833904.4 ac-ft.
 Runoff = 1736926477908833904.4 x 1.25 = 2171158097386042380.5 ac-ft.
 Runoff = 2171158097386042380.5 x 1.25 = 2713947621732552975.6 ac-ft.
 Runoff = 2713947621732552975.6 x 1.25 = 3392434527165691219.5 ac-ft.
 Runoff = 3392434527165691219.5 x 1.25 = 4238043158957114024.4 ac-ft.
 Runoff = 4238043158957114024.4 x 1.25 = 5297553948696392530.5 ac-ft.
 Runoff = 5297553948696392530.5 x 1.25 = 6621942435870490663.1 ac-ft.
 Runoff = 6621942435870490663.1 x 1.25 = 8277428044838113328.9 ac-ft.
 Runoff = 8277428044838113328.9 x 1.25 = 10346785056047641661.1 ac-ft.
 Runoff = 10346785056047641661.1 x 1.25 = 12933481320059552076.4 ac-ft.
 Runoff = 12933481320059552076.4 x 1.25 = 16166851650074440095.5 ac-ft.
 Runoff = 16166851650074440095.5 x 1.25 = 20208564562593050119.4 ac-ft.
 Runoff = 20208564562593050119.4 x 1.25 = 25260705703241312649.2 ac-ft.
 Runoff = 25260705703241312649.2 x 1.25 = 31575882129051640811.5 ac-ft.
 Runoff = 31575882129051640811.5 x 1.25 = 39470000000000000000.0 ac-ft.
 Runoff = 39470000000000000000.0 x 1.25 = 49337500000000000000.0 ac-ft.
 Runoff = 49337500000000000000.0 x 1.25 = 61671875000000000000.0 ac-ft.
 Runoff = 61671875000000000000.0 x 1.25 = 77089843750000000000.0 ac-ft.
 Runoff = 77089843750000000000.0 x 1.25 = 96362304687500000000.0 ac-ft.
 Runoff = 96362304687500000000.0 x 1.25 = 120452880859375000000.0 ac-ft.
 Runoff = 120452880859375000000.0 x 1.25 = 150566101074218750000.0 ac-ft.
 Runoff = 150566101074218750000.0 x 1.25 = 188207626342773437500.0 ac-ft.
 Runoff = 188207626342773437500.0 x 1.25 = 235259532928466796875.0 ac-ft.
 Runoff = 235259532928466796875.0 x 1.25 = 294074416160583496093.8 ac-ft.
 Runoff = 294074416160583496093.8 x 1.25 = 367593020200729370117.2 ac-ft.
 Runoff = 367593020200729370117.2 x 1.25 = 459491275250911712646.5 ac-ft.
 Runoff = 459491275250911712646.5 x 1.25 = 574364094063639640808.2 ac-ft.
 Runoff = 574364094063639640808.2 x 1.25 = 717955117579549551010.2 ac-ft.
 Runoff = 717955117579549551010.2 x 1.25 = 897443900000000000000.0 ac-ft.
 Runoff = 897443900000000000000.0 x 1.25 = 1121804875000000000000.0 ac-ft.
 Runoff = 1121804875000000000000.0 x 1.25 = 1402256093750000000000.0 ac-ft.
 Runoff = 1402256093750000000000.0 x 1.25 = 1752820117187500000000.0 ac-ft.
 Runoff = 1752820117187500000000.0 x 1.25 = 2191025146484375000000.0 ac-ft.
 Runoff = 2191025146484375000000.0 x 1.25 = 2738781433105468750000.0 ac-ft.
 Runoff = 2738781433105468750000.0 x 1.25 = 3423476791381835937500.0 ac-ft.
 Runoff = 3423476791381835937500.0 x 1.25 = 4279345989227294921875.0 ac-ft.
 Runoff = 4279345989227294921875.0 x 1.25 = 5349182486534118652343.8 ac-ft.
 Runoff = 5349182486534118652343.8 x 1.25 = 6686478108167648315429.7 ac-ft.
 Runoff = 6686478108167648315429.7 x 1.25 = 8358097635209560394287.1 ac-ft.
 Runoff = 8358097635209560394287.1 x 1.25 = 10447622044011950492859.0 ac-ft.
 Runoff = 10447622044011950492859.0 x 1.25 = 13059527555014938116073.8 ac-ft.
 Runoff = 13059527555014938116073.8 x 1.25 = 16324409443768672645092.2 ac-ft.
 Runoff = 16324409443768672645092.2 x 1.25 = 20405511804710840806365.3 ac-ft.
 Runoff = 20405511804710840806365.3 x 1.25 = 25506890005888551007956.6 ac-ft.
 Runoff = 25506890005888551007956.6 x 1.25 = 31883612507360688759945.8 ac-ft.
 Runoff = 31883612507360688759945.8 x 1.25 = 39854515634200860949932.2 ac-ft.
 Runoff = 39854515634200860949932.2 x 1.25 = 49818144542751076187415.3 ac-ft.
 Runoff = 49818144542751076187415.3 x 1.25 = 62272680678438845234269.1 ac-ft.
 Runoff = 62272680678438845234269.1 x 1.25 = 77840850848048556542836.4 ac-ft.
 Runoff = 77840850848048556542836.4 x 1.25 = 97276063560060695678545.5 ac-ft.
 Runoff = 97276063560060695678545.5 x 1.25 = 121595079450075869598181.9 ac-ft.
 Runoff = 121595079450075869598181.9 x 1.25 = 151993849312594836997727.4 ac-ft.
 Runoff = 151993849312594836997727.4 x 1.25 = 189992311640743546247159.2 ac-ft.
 Runoff = 189992311640743546247159.2 x 1.25 = 237490389550929432808949.0 ac-ft.
 Runoff = 237490389550929432808949.0 x 1.25 = 296862986938661791011186.2 ac-ft.
 Runoff = 296862986938661791011186.2 x 1.25 = 371078733673327238763982.8 ac-ft.
 Runoff = 371078733673327238763982.8 x 1.25 = 463848417091659048454978.5 ac-ft.
 Runoff = 463848417091659048454978.5 x 1.25 = 580060521364573810568723.1 ac-ft.
 Runoff = 580060521364573810568723.1 x 1.25 = 725075651705717263210903.9 ac-ft.
 Runoff = 725075651705717263210903.9 x 1.25 = 906344564632146579013629.9 ac-ft.
 Runoff = 906344564632146579013629.9 x 1.25 = 1132930705790183223767037.4 ac-ft.
 Runoff = 1132930705790183223767037.4 x 1.25 = 1416163382237729029708796.8 ac-ft.
 Runoff = 1416163382237729029708796.8 x 1.25 = 1770204227797161287135996.0 ac-ft.
 Runoff = 1770204227797161287135996.0 x 1.25 = 2212755284746451608919995.0 ac-ft.
 Runoff = 2212755284746451608919995.0 x 1.25 = 2765944105933064511149993.8 ac-ft.
 Runoff = 2765944105933064511149993.8 x 1.25 = 3457430132416330638937492.2 ac-ft.
 Runoff = 3457430132416330638937492.2 x 1.25 = 4321787665520413298671865.3 ac-ft.
 Runoff = 4321787665520413298671865.3 x 1.25 = 5402234581900516623339831.6 ac-ft.
 Runoff = 5402234581900516623339831.6 x 1.25 = 675

