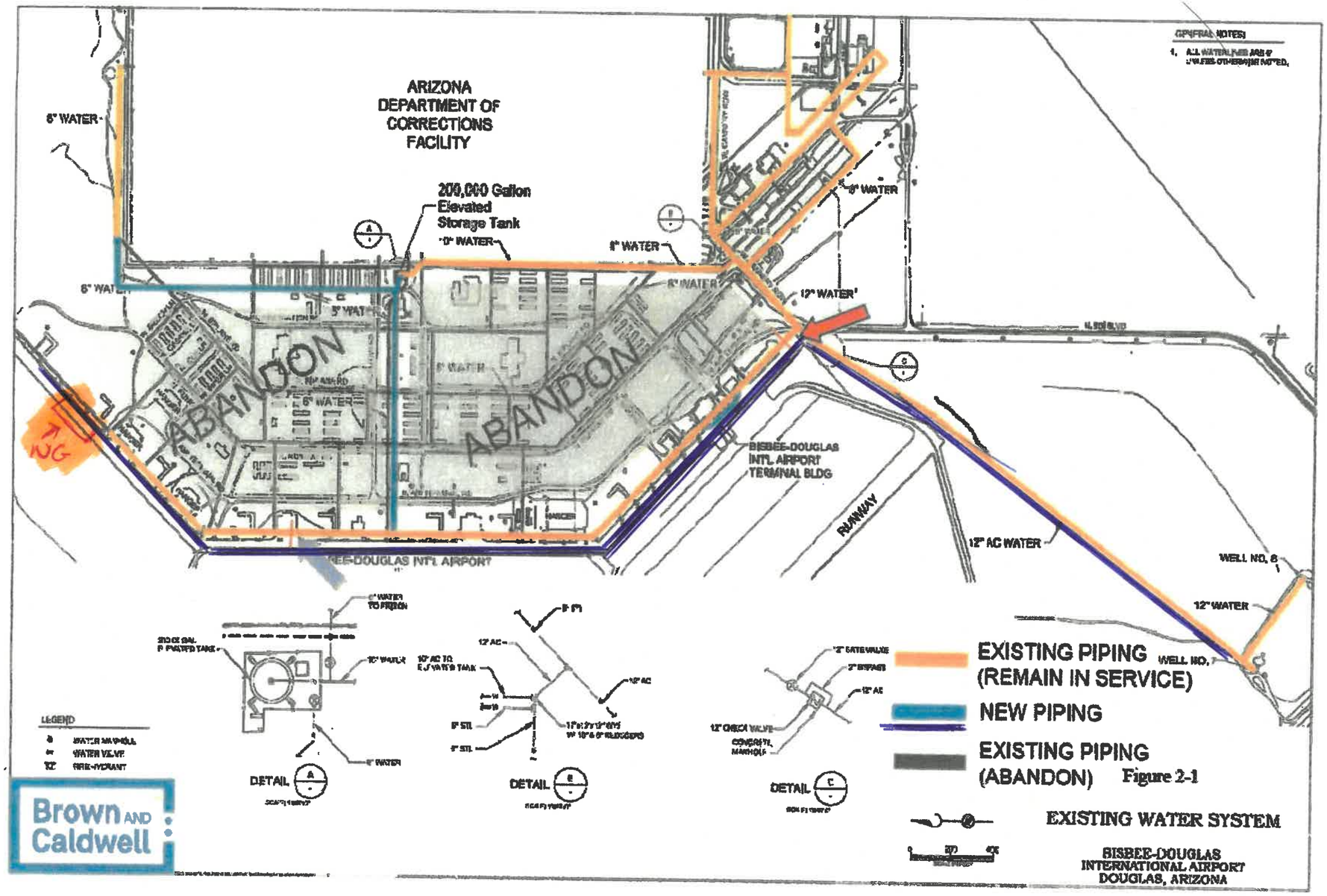
400 - cont.



The risk of not abandoning the existing main supply line (red arrow) and replacing it with a new 6" or 8" main is too great to not at least revisit the cost of new main VS cost and liability of trying to cap all taps to existing service lines in the "Abandon" area. If we miss just one we open the door to major leaks in the interior and possibility of undermining a portion of the runway, not to mention the portion of the existing main that feeds the fire plugs on the perimeter that is reduced from 8" to 2" and back to 6". That existing reduction to 2" (purple arrow) cannot supply the proper volume of water to the fire plug past this pinch point. Not only will this portion of the project be a change order and cost overrun nightmare the end result will still be inadequate to meet the requirements for the airport and fire safety