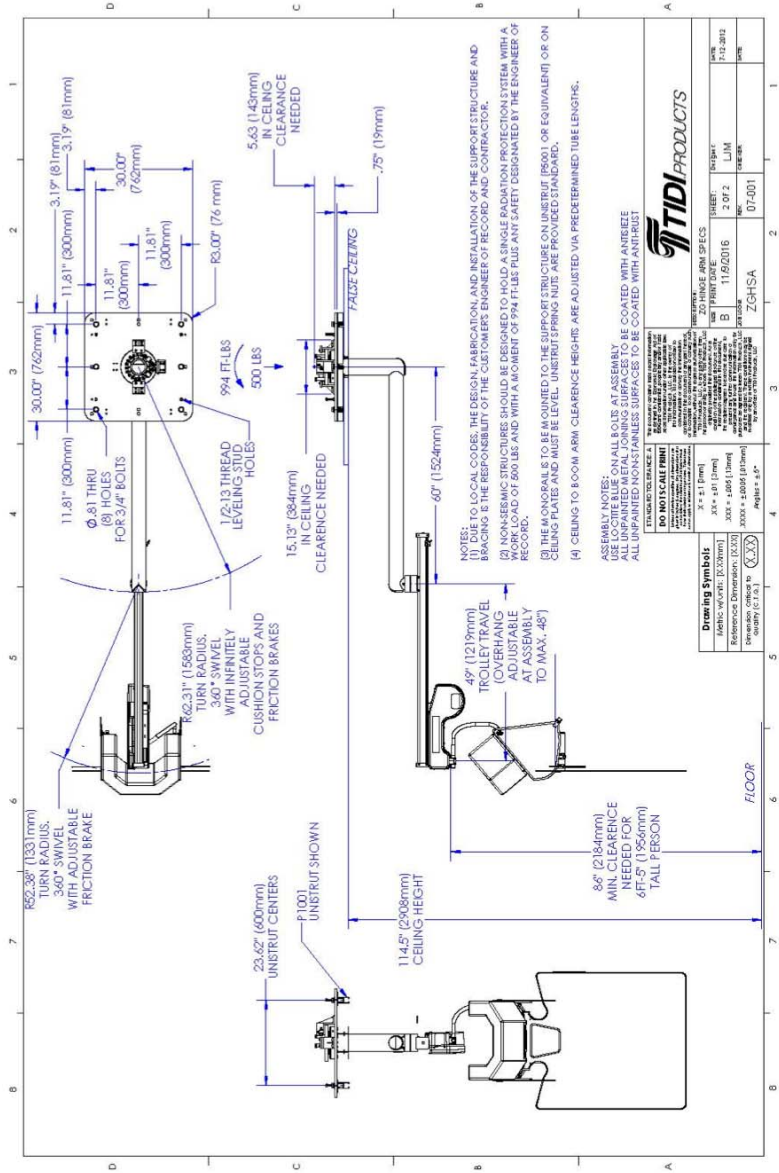Appendix C Hinged Swing Arm – ZGHSA