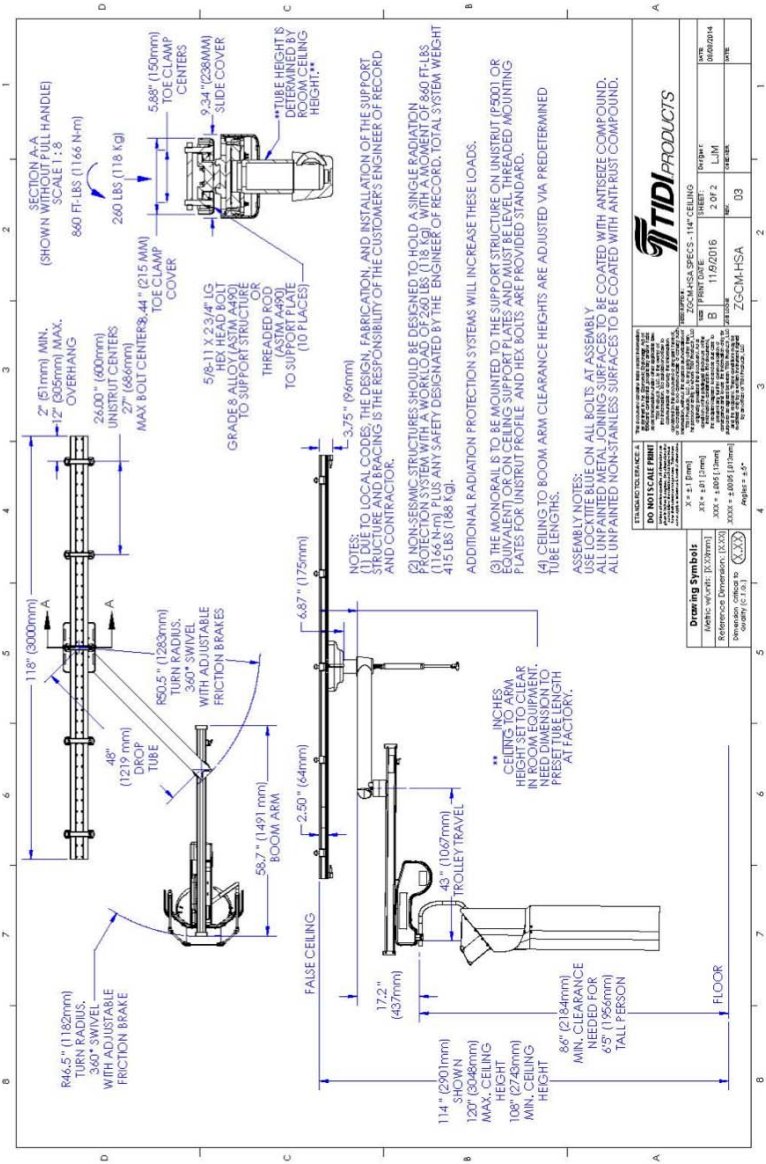Appendix D Monorail Hinged Swing Arm ZGCM-HSA