

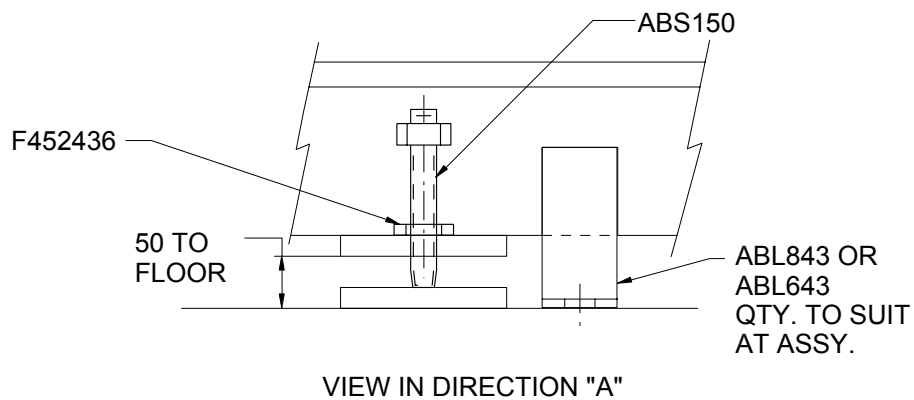
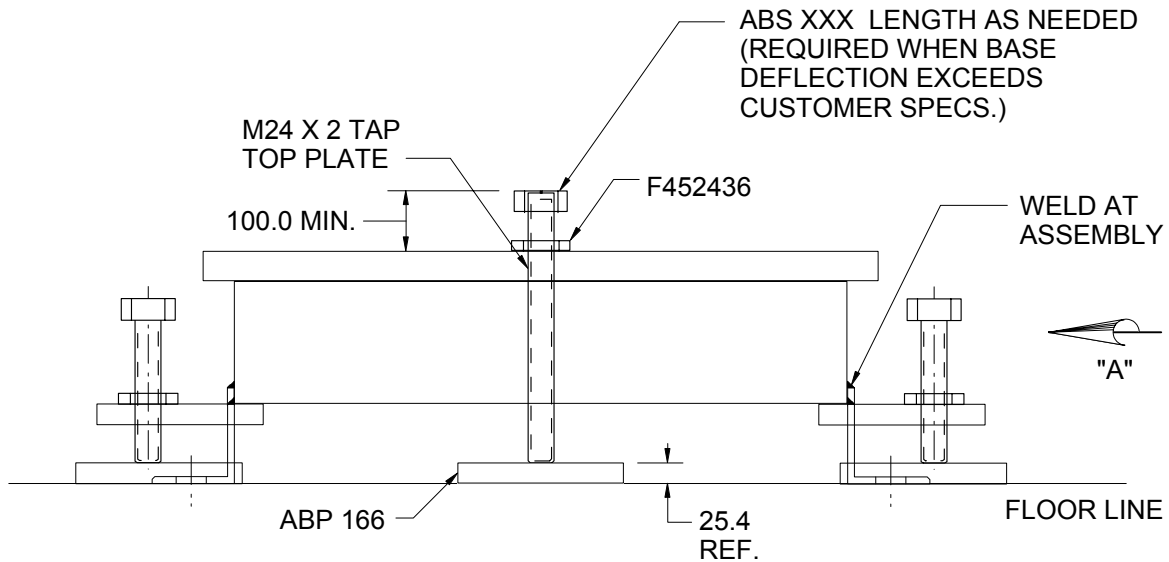
STANDARD BASE LEVELING METHOD #1

GLOBAL STANDARD COMPONENTS



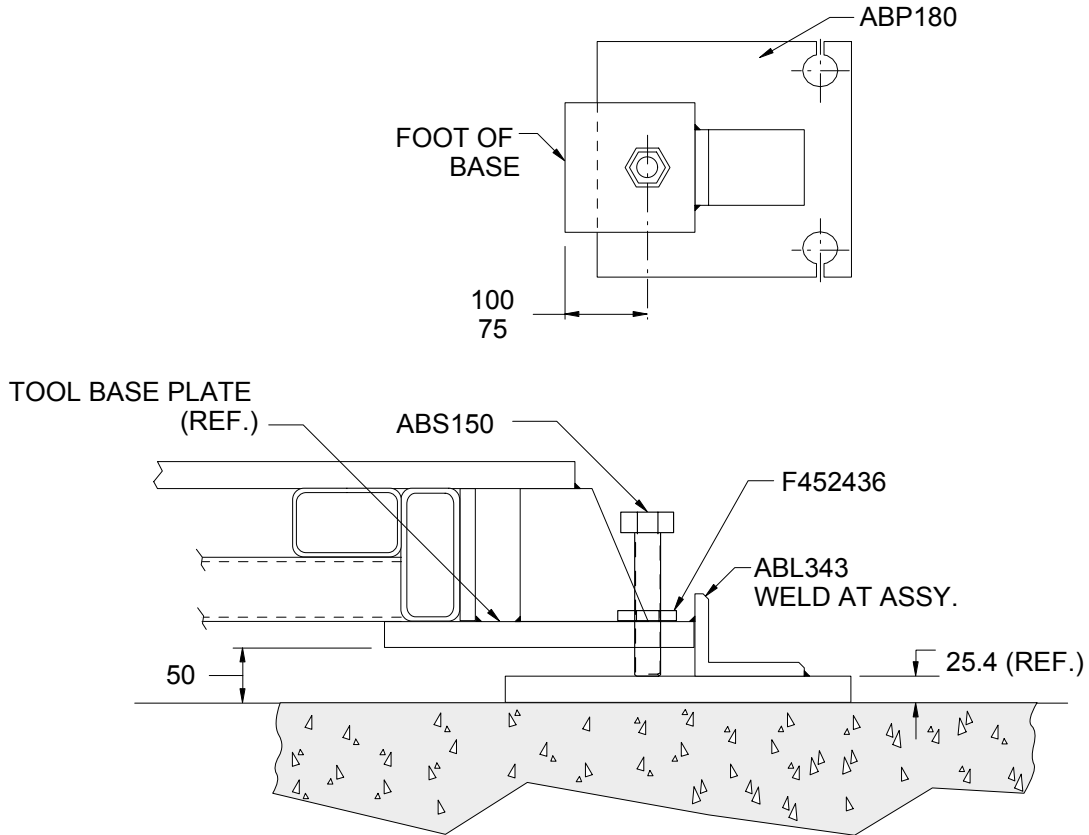
Assembly

02/09/06



A

STANDARD BASE LEVELING METHOD #2



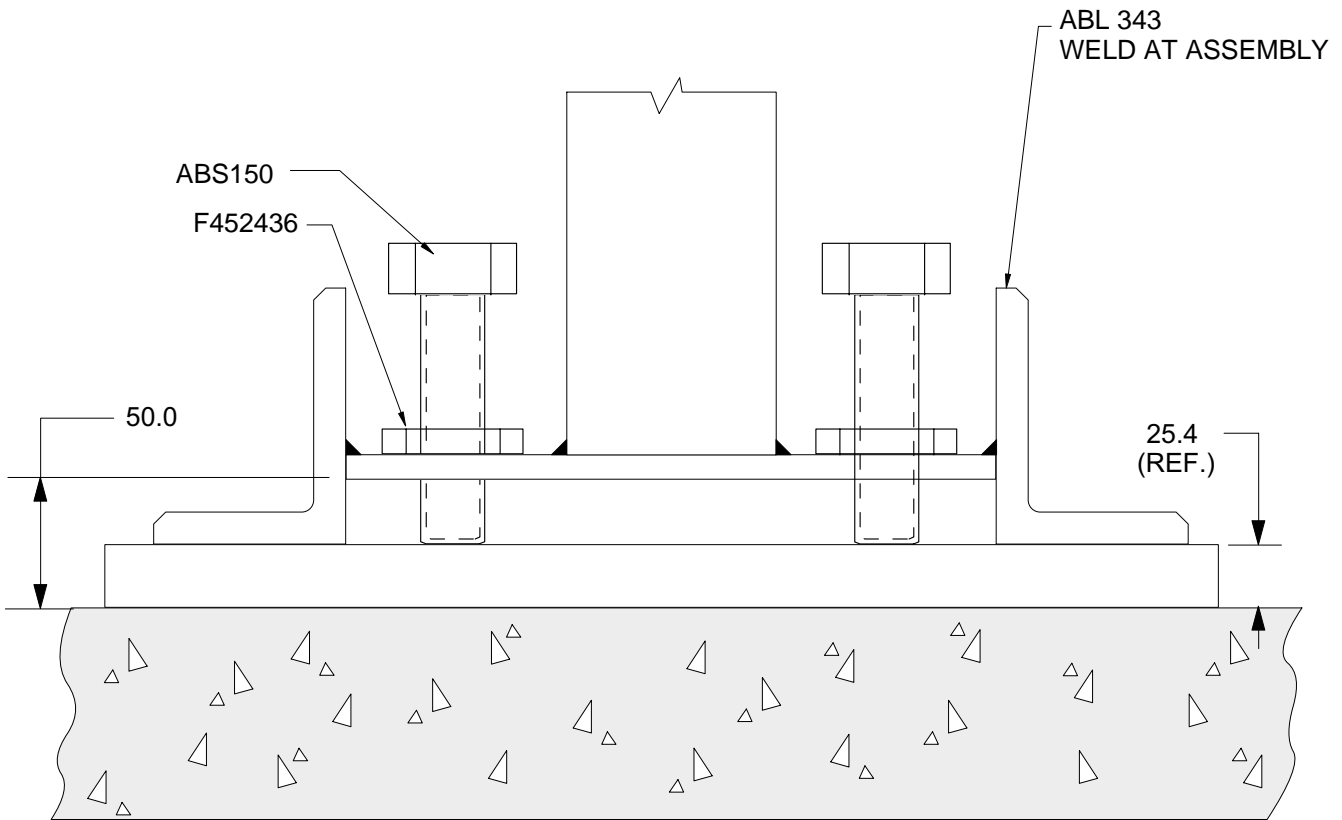
LEVELING METHOD #3 HEAVY FRAMES THAT NEED TO BE LEVELED

GLOBAL STANDARD COMPONENTS



Assembly

04/29/98



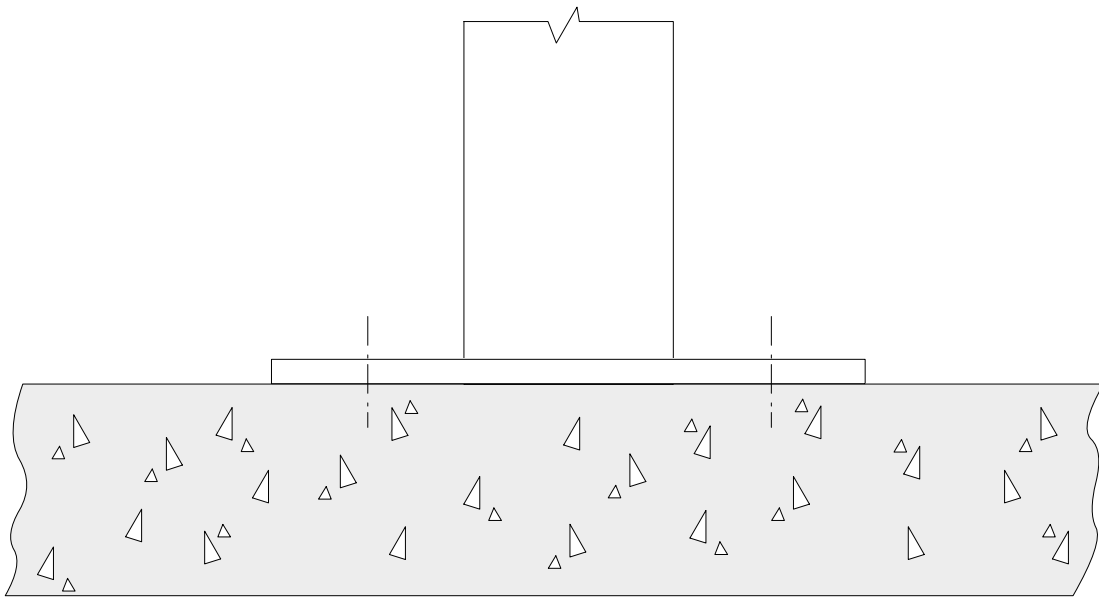
LEVELING METHOD #4 FRAMES THAT DO NOT NEED TO BE LEVELED

GLOBAL STANDARD COMPONENTS



Assembly

03/11/98



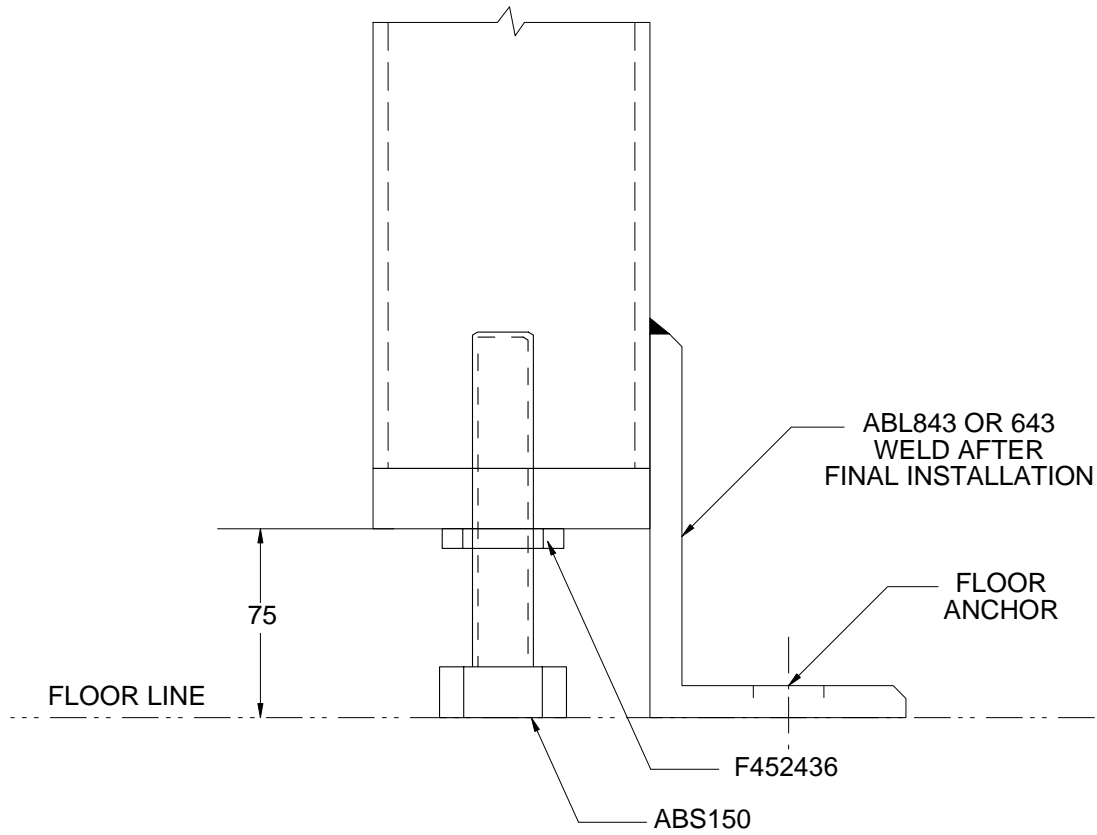
LEVELING METHOD #5 LIGHT FRAMES THAT NEED TO BE LEVELED

GLOBAL STANDARD COMPONENTS



Assembly

03/11/98



LEVELING METHOD #6 STANDARD ROBOT MOUNTING

GLOBAL STANDARD COMPONENTS

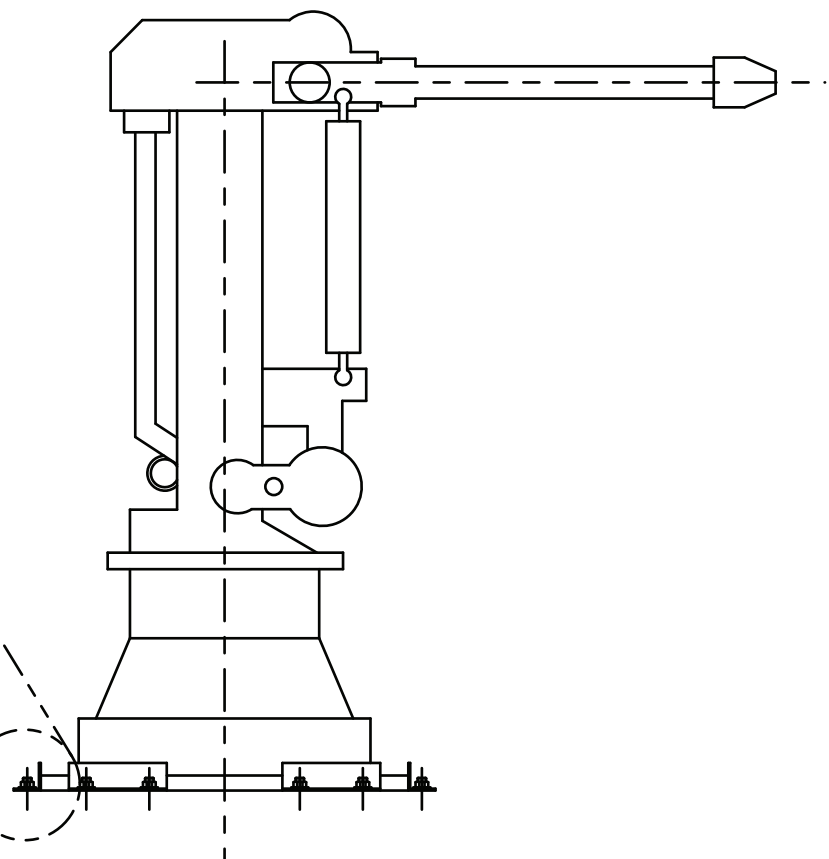
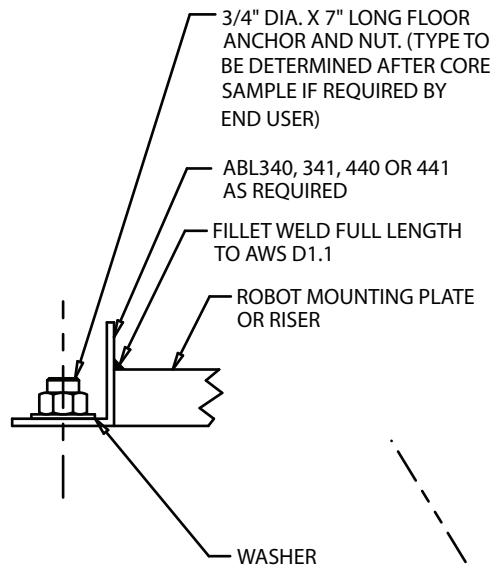
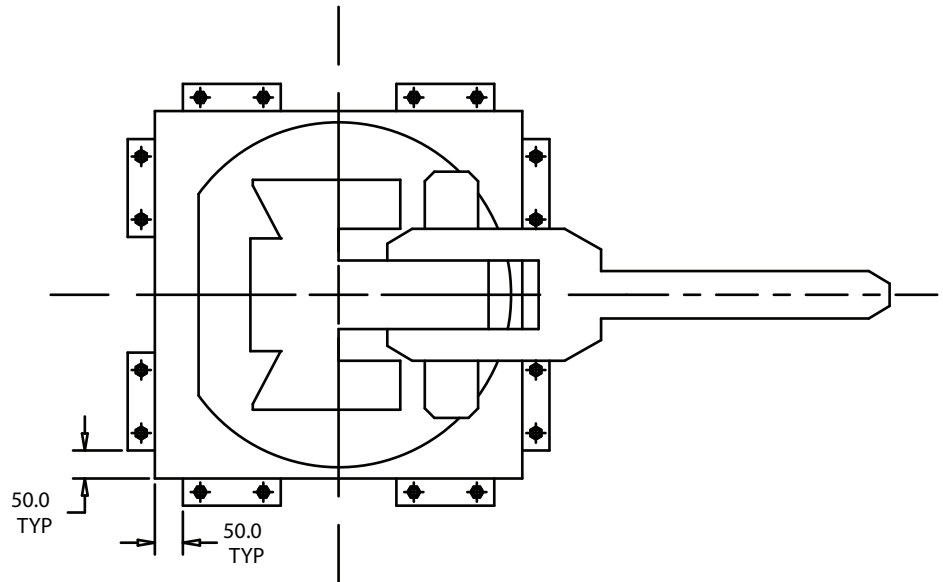
TM **NAAMS**



Assembly

02/13/08

USE WITH ARRXXX SERIES ROBOT RISERS, EVEN NUMBERS ONLY.
DO NOT USE WITH ARR031, ARR061, ARR091, ARR121, ARR151, OR ARR181.



G

J
F

C

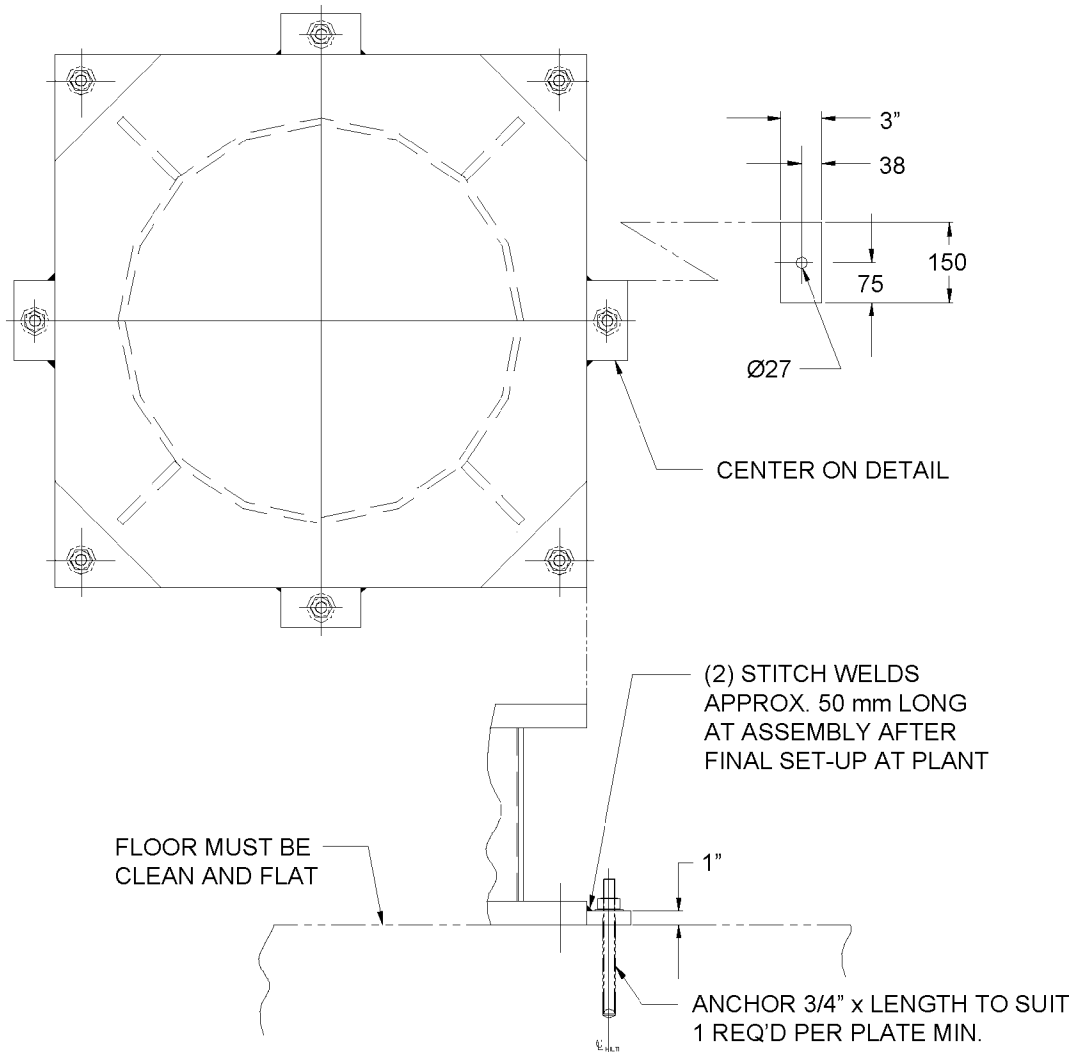
I
A
B

E

H
D

ANCHORING METHOD #7 STANDARD ROBOT MOUNTING

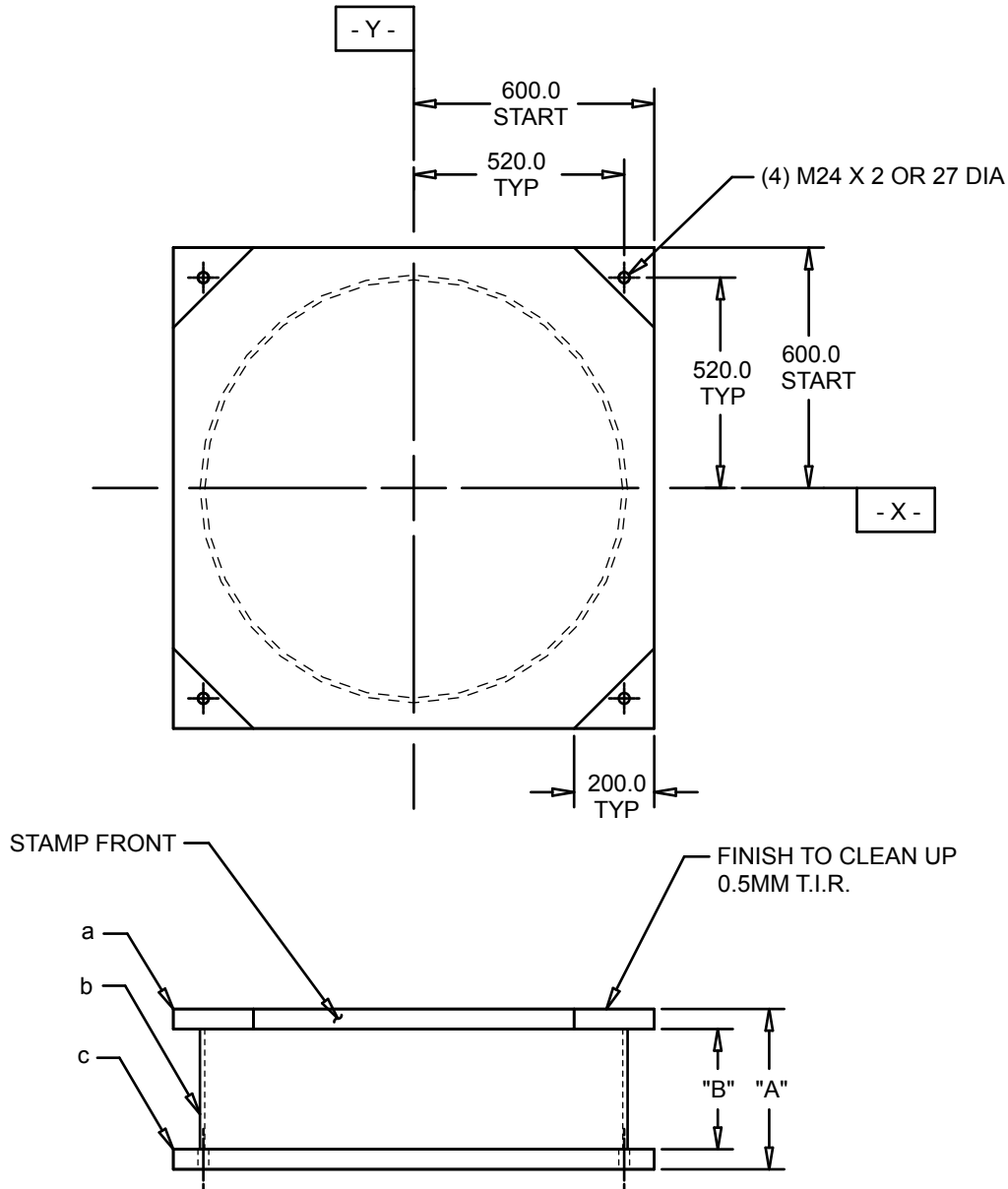
USE ONLY WITH ROBOT RISERS ARR031, ARR061, ARR091, ARR121, ARR151 AND ARR181.
USE FOUR (4) ANCHOR PLATES IN CONJUNCTION WITH CORNER HOLES ON RISER, FOR A TOTAL
OF EIGHT ANCHOR POINTS.



ROBOT RISER

400kg / 500kg

ATTACHING HOLES PER
 ROBOT MANUFACTURERS
 SPECIFICATION



INCH

- a 2 - STL PLT ASTM A-36 - 2" X 1200MM X 1200MM
- b 1 - STL TBG ASTM A-36 - 42" OD X 1/2" W/T X "B"

METRIC

- a 2 - STL PLT ASTM A-36 - 50MM X 1200MM X 1200MM
- b 1 - STL TBG ASTM A-36 - 1067MM OD X 12MM W/T X "B"

SEE PAGE B-1.1 FOR GLOBAL MATERIALS CHART

TEST LOADS

- Fv = 54,100 N
- Fh = 25,700 N
- Mv = 117,000 Nm
- Mh = 68,500 Nm

STRESS < 62 MPa (9,000 psi)
 DEFLECTION < 0.5MM