

*SPECS. ON THE*

*DORN AND ASSOCIATES MANUFACTURING COMPANY INC.*

*GALV. BOLTED STEEL STORAGE TANK AS FOLLOWS .*

*OUR WORK WILL BE PERFORMED STRICTLY UNDER THE SPECIFICATIONS  
CONSISTING*

*OF FURNISHING ALL MATERIALS , TOOLS, EQUIPMENT , AND NECESSARY LABOR  
FOR*

*THE DESIGN,MANUFACTURE, DELIVERY AND ERECTION OF A GALVANIZED BOLTED  
STORAGE TANK IN ACCORDANCE WITH THE LATEST REVISION OF AWWA D-103 AND  
API*

*12-B.*

*GENERAL DESCRIPTION :*

*OUR TANKS WILL BE OF THE GIN POLE AND RAFTER TYPE CONSTRUCTION WITH A  
VENT THAT WILL MEET YOUR SPECIFICATIONS TO THE FILLING AND DUMPING RATIO  
OF A BOLTED STORAGE TANK .OUR TANKS CAN BE ERECTED ON A CONCRETE RING  
WALL OR A COMPLETE CONCRETE FOUNDATION. ALSO CAN BE ERECTED ON A SAND  
CUSHON LEVEL FOUNDATION WITH A LEVEL STEEL GRADE BAND.*

*PLATE MATERIAL THAT IS GALV. WILL BE OPEN HEARTH , ELECTRIC FURNACE , OR  
BASIC OXYGEN PROCESS STEEL CONFORMING TO THE LATEST REVISIONSOF ASTM-  
A-*

*36. ASTM A283 GRADE "C" , OF A570 GRADE C. ALSO ALL STEEL MATERIALS WILL  
BE HOT DIPPED GALV. TO THE ASTM-A-123 SPEC. STUCTURAL SHAPES WILL BE  
GALV. TO THE LATEST EDITION OF ASTM A-36.*

*DIRECT SPECS TO THE BOLTED STORAGE TANKS*

*SEISMIC ZONE ALL ARE DESIGNED TO ITS ON GEO. AREA .*

*SPECIFIC GRAVITY IS 1.00*

*ROOF LIVE LOAD 25 PSF*

*WIND VELOCITY 125 MPH.*

*STANDARD GALV. BOLTS AND NUTS. PLASTIC ENCAP, CAN BE ADDED IF REQUESTED.*

*EPDM RUBBER WILL BE USED ON ALL WATER TANKS .*

*BUNA NITRILE WILL BE USED IN ALL OIL FIELD APPLICATIONS.*

*ALL SHELL AND BOTTOM AND DECK SHEETS WILL CONFORM TO THE THICKNESS OF  
AWWA D-103 SPECIFICATIONS.*

*TANK FLOORS WILL HAVE NO MORE THAN A 2" RAISE FROM THE EDGE OF TANK  
OUTSIDE TO THE CENTER OF TANK.*

*TANK APPURTENANCES*

*VENTS, WILL BE ON TOP OF EVERY TANK ALL OPENINGS WILL HAVE 316 S.S.*

*SCREEN MESH WITH .018 WIRE AND 2 STAINLESS STEEL CLAMPS.*

*ROOF HATCH WILL HAVE A MINIMUM OPENING OF 30X30 SQUARE AND IT WILL BE  
LOCATED ABOVE A INSIDE LADDER FOR ACCESS TO THE BOTTOM OF THE TANK. IT  
WILL HAVE A 1/4" HINGE HOLE WELDED TO THE BOX ON BOTH SIDE WITH A BAR  
THROUGH BOTH HINGES AS TO LIFT FROM FRONT OF BOX TO THE BACK AWAY  
FROM*

*EDGE OF TANK AND IT WILL HAVE A LOCKING HASP FOR THE FRONT TO PREVENT  
VANDALIZAM OF THE POTABLE WATER OR THE INSIDE OF THE STUCTURE BEING  
ENTERED UNLESS UNDER STRICT SUPERVISION BY OWNER.*

*LADDERS INSIDE AND OUT WILL BE OSHA APR. AND THE WILL BE MADE TO AWWA  
SPECS. OUT SIDE LADDER WILL HAVE A OSHA APR. CAGE LADDER WITH A*

HORIZONTAL DOOR CLOSURE CONNECTED TO THE BOTTOM HOOP OF THE LADDER.  
THE

INSIDE LADDER MAY OR MAY NOT HAVE A SAFETY DEVICE ON IT . ( UNDER THE  
DISCRETION OF THE CUSTOMER. LADDERS WILL BE MADE OF 1/4" 2" WIDE FLAT  
BAR AND RUNGS WILL BE MADE OUT OF 3/4" ROUND BAR . THE LADDERS WILL  
BE

ANCHORED AT EVERY 60" S UP THE SIDE WALL TO INSURE STEADINESS AND SAFTY  
FOR THE CLIMBER.

INLET PIPE WILL BE OF SCH 40 OR BETTER AND WILL ALWAYS BE INSTALLED  
ABOVE

THE OVERFLOW WEIR BOX.

OUTLETS WILL BE MADE AS A NOZZLE TYPE WITH A 150# FLANGE ON THE OUT OF  
THE NOZZLE , IT MAY OR MAY NOT HAVE A 90 ELBOW INSIDE.

WATER LEVEL INDICATORS , MAY BE A ROUND DIAL FACE WITH A SEAM STRAP OR  
A

BOARD AND TARGET TYPE WITH A S.S. FLOAT AND GUIDE CABLES.

MANWAYS AND CLEANOUT IN THE BOTTOM RING .

WILL BE A 36" BY 48" TALL FLUSH MOUNT AND CAN BE FLUSH WITH THE FLOOR.

OR AND IETHER A 30" ROUND WITH HINGES ON THE SIDE OF IT. ANY TANK THAT  
IS

OVER 38' DIA. WILL HAVE 2 CLEAN OUTS .

TANKS LARGER THAN 75FT. DIA. THE TANK WILL HAVE ENOUGH OF CLEAN OUTS TO  
NOT HAVE NO GREATER THAN 75' BETWEEN OPENINGS.

FOUNDATIONS WILL BE DESIGNED BY CUSTOMMER.