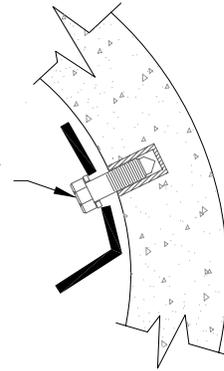
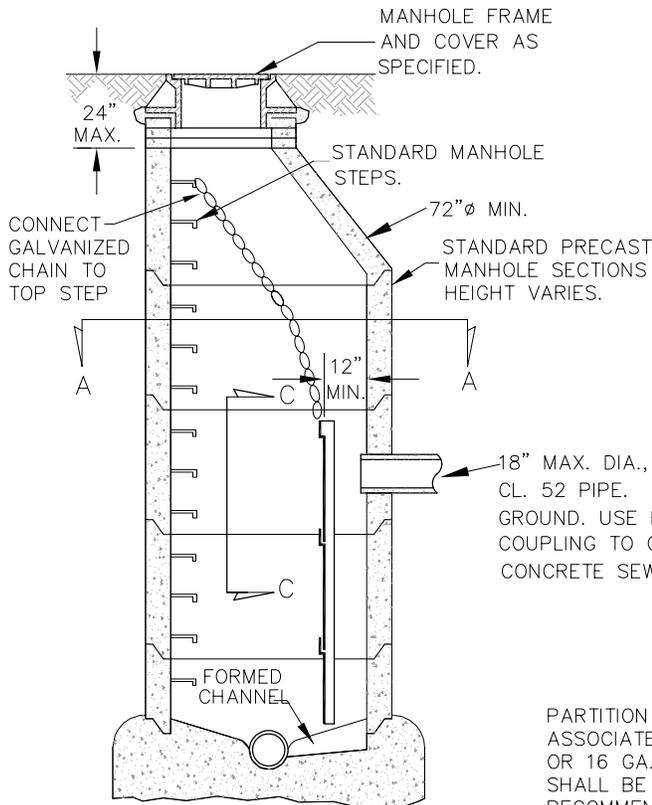


SECTION A-A

1/2" ϕ SELF TAPPING
CONCRETE ANCHORS,
PHILLIPS S-12 OR
APPROVED EQUAL, w/
1/2" ϕ x 1-1/2" Lg.
STAINLESS STEEL
BOLT & STAINLESS
STEEL LOCK WASHER.

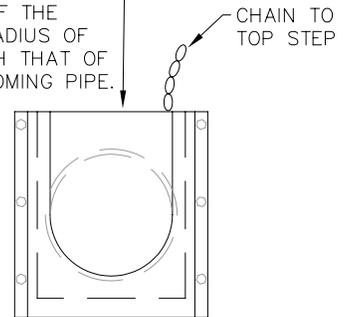


DETAIL A
(PARTITION ATTACHMENT)



SECTION B-B

REMOVABLE DEFLECTION PLATE
(PIPE DIA. + 6" WIDTH MINIMUM)
MATERIAL TO BE STAINLESS
STEEL, ALUMINUM, FIBERGLASS OR
HDPE PLATE. TOP PARTITION TO
BE CUT SO THAT BOTTOM OF CUT
MATCHES THE INVERT OF THE
INCOMING PIPE. THE RADIUS OF
THE CUT SHOULD MATCH THAT OF
THE INSIDE OF THE INCOMING PIPE.



SECTION C-C

PARTITION MATERIAL SHALL BE 1/2" H.D.P.E. (TYPICAL PER ASSOCIATED PIPE), OR 1/8" FIBERGLASS (TYPICAL PER PIPE INC.), OR 16 GA. ALUMINUM OR 18 GA. STAINLESS STEEL. FIBERGLASS SHALL BE 3 OR 4 MAT LAYUP PER MANUFACTURER'S RECOMMENDATIONS. MAXIMUM FLOW IS 3 CFS FOR INSIDE DROP MANHOLE. FOR A 48" DIAMETER MANHOLE, THE MAXIMUM INCOMING PIPE DIAMETER IS 18". A LARGER DIAMETER INCOMING PIPE WILL REQUIRE A SPECIAL DESIGN.

NOTES:

1. DROP MANHOLES SHALL ONLY BE USED WITH PRIOR APPROVAL FROM CITY.
2. RELINER "A" BOWL, 6" OUTLET (A6) FOR 8" INLET PIPES. B8 FOR 10" INLETS. B10 FOR 12" INLETS. CONSULT CITY ENGINEER FOR LARGER SIZES.
3. EXTEND INLET DRAINAGE PIPE 2" INTO MANHOLE. CUT "V" NOTCH IN BOTTOM OF PIPE PROTRUSION. FOLLOW RELINER INSTRUCTIONS.
4. ONLY ONE DROP ASSEMBLY ALLOWED PER MANHOLE.



City of Amity
109 Maddox Street
Amity, Oregon 97101
503.835.3711

STANDARD INSIDE DROP
MANHOLE W/ DEFLECTION PLATE

DETAIL NO.

D-220

3/31/04