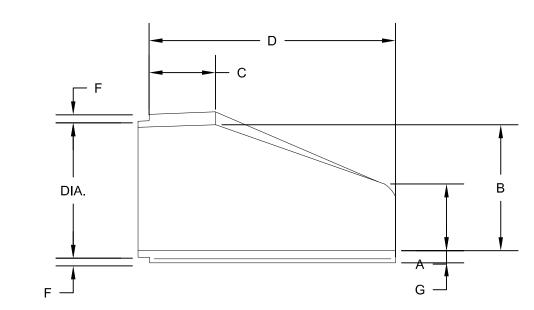
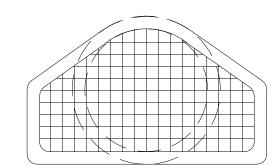


DIA	Α	В	С	D	E	F	G
12"	5"	13"	45.5"	72"	24"	2"	2"
15"	7"	16"	43.5"	72"	30"	2.25"	2.25"
18"	11"	19"	41.5"	72"	36"	2.5"	2.5"
24"	12"	25"	29"	72"	48"	3"	2"
30"	14"	31"	19"	72"	60"	3.5"	3.5"
36"	17"	37"	34.5"	96"	72"	4"	4"
42"	22"	43"	32.5"	96"	78"	4.5"	4.5"
48"	24"	49"	23.5"	96"	84"	5"	5"

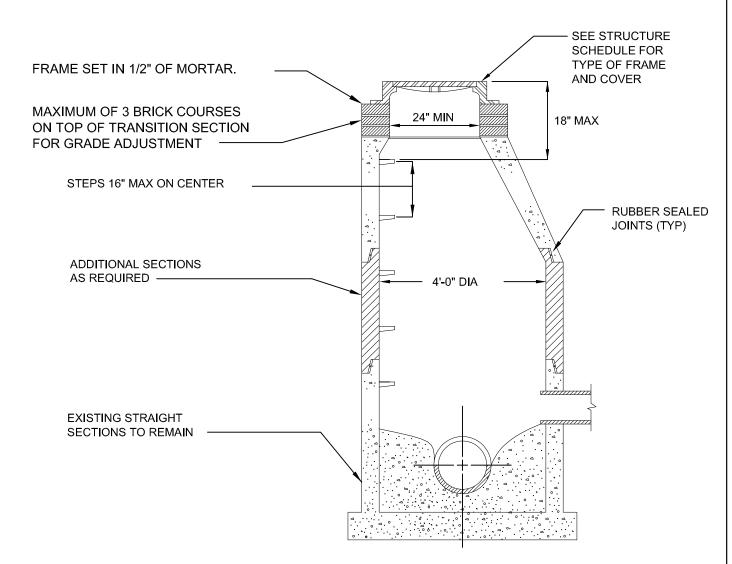


FLARED END SECTIONS SHALL BE MANUFACTURED TO THE CLASS SPECIFICATIONS AS THE PIPE ITSELF.



STANDARD END SECTIONS FOR PRECAST CONCRETE

## 1. SECTIONS SHALL MEET ASTM C478. 2. ALL JOINTS MADE WATERTIGHT WITH RUBBER GASKET JOINTS 3. REMOVE CONE, ADD STRAIGHT SECTIONS AS REQUIRED AND REPLACE CONE 4. ADD MANHOLE STEPS AS NECESSARY 5. ADD ADJUSTMENT RINGS FOR RIM GRADE ADJUSTMENT



MANHOLE & CATCH BASIN RECONSTRUCTION DETAIL

STAKED IN

PLACE SOD

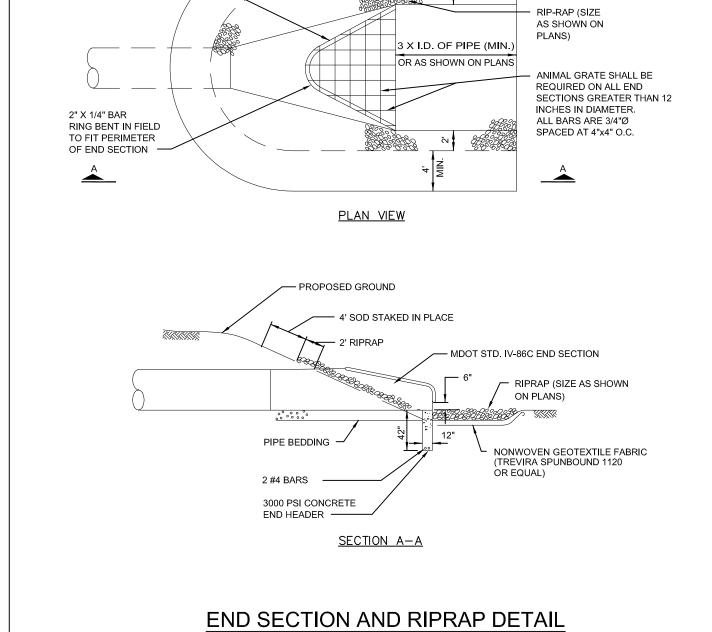
## NOTES: EXTENT OF RIPRAP SHALL BE AS SHOWN HERE OR AS SHOWN ON PLANS, WHICH-EVER IS GREATEST. 2. RIPRAP THICKNESS AS SHOWN ON PLANS.

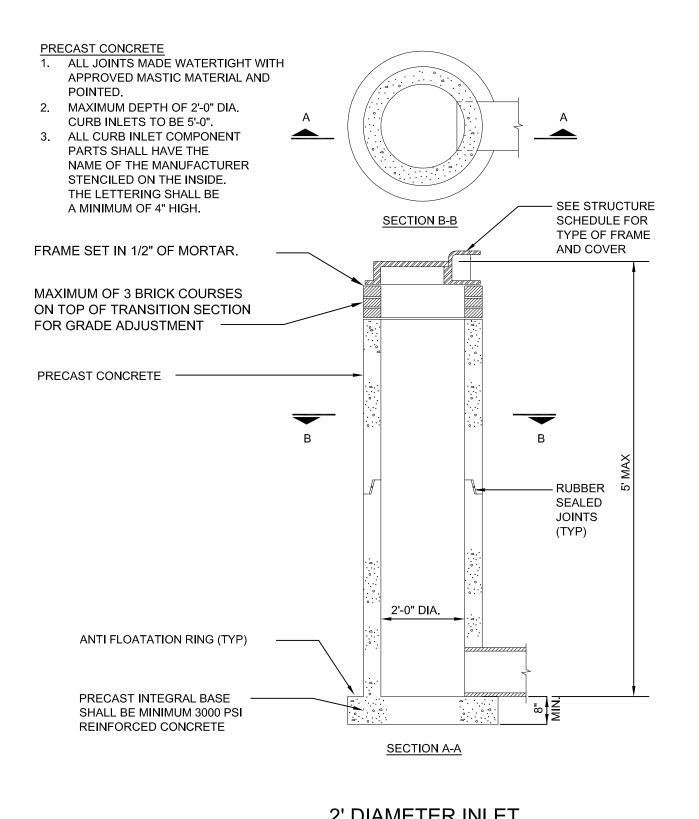
DRILL PERIMETER BAR @

END SECTION WITH RAM

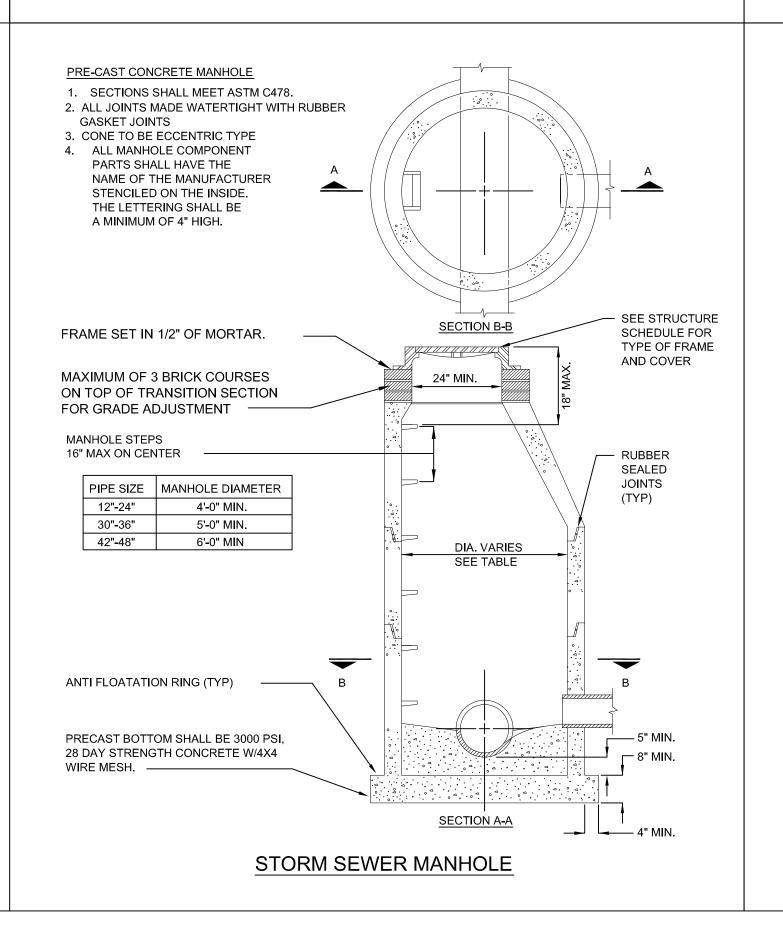
SET BOLT & NUTS

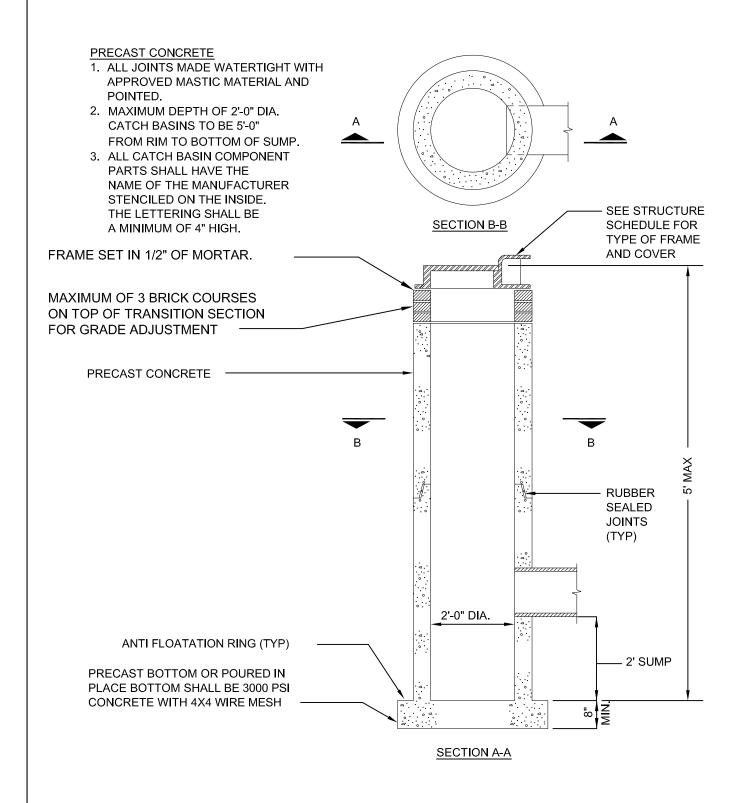
4 LOCATIONS & SECURE TO



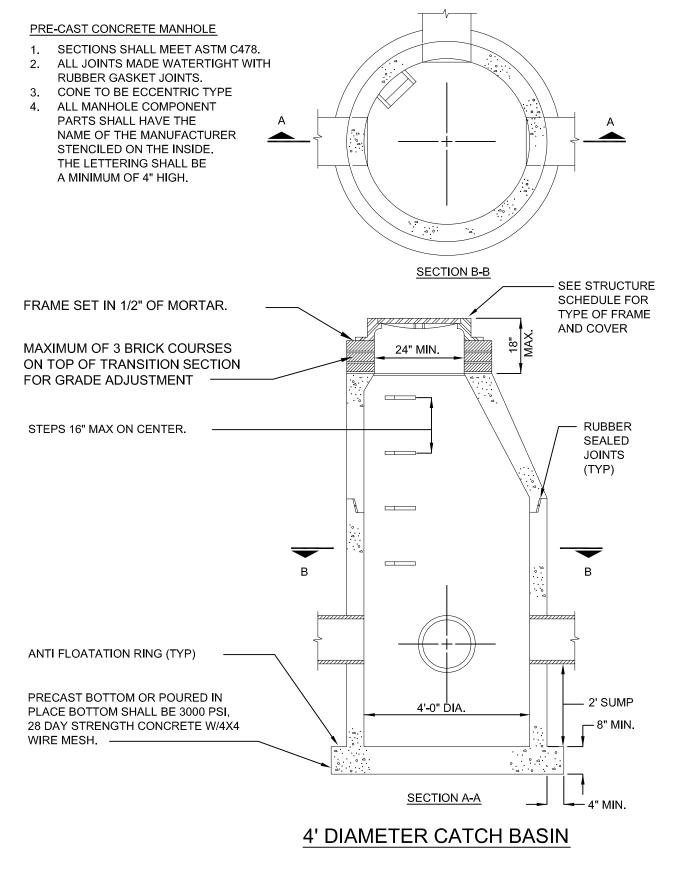


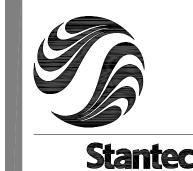
## 2' DIAMETER INLET





## 2' DIAMETER CATCH BASIN





Stantec Consulting Michigan Inc. 3959 Research Park Drive Ann Arbor MI U.S.A. 48108-2216 Tel. 734.761.1010 Fax. 734.761.1200 www.stantec.com

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Consultants

Legend

Revision Appd. YY.MM.DD Appd. YY.MM.DD File Name: ST-01.DWG TTN DRW DRW 11.02.07 Dwn. Chkd. Dsgn. YY.MM.DD Permit-Seal

Client/Project ANN ARBOR TOWNSHIP

Standard Specifications and Details

STORM SEWER DETAILS

Project No. Scale NOT TO SCALE Sheet Revision Drawing No.

1 of 1