

CATCH BASIN TYPE "D"-FRAME & COVER DETAIL

TYPE A-4 GRANITE CATCH BASIN INLET STONE DETAIL

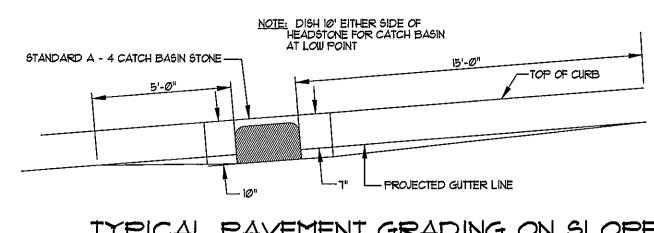
GRANITE

INLET STONE

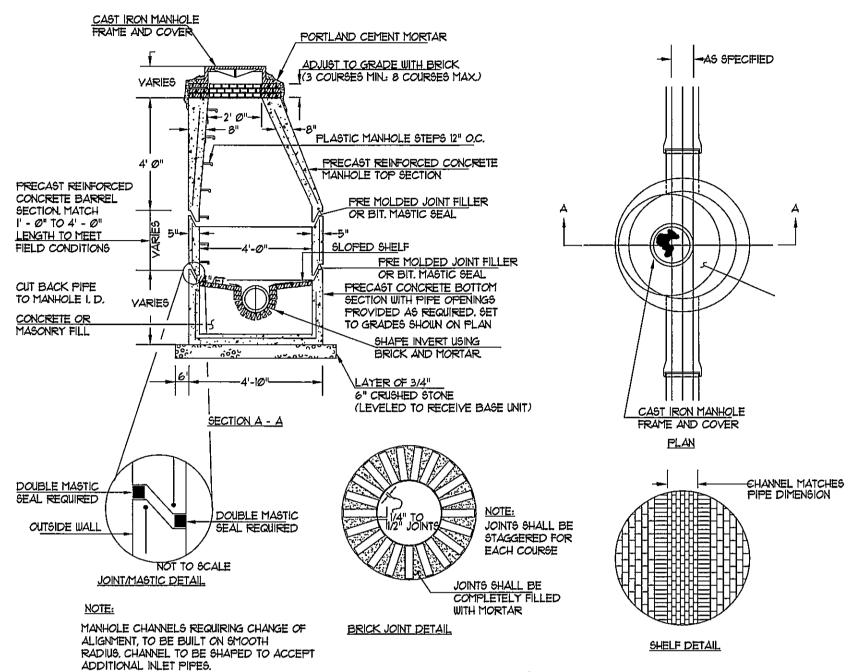
NOT TO SCALE

SECTION A-A

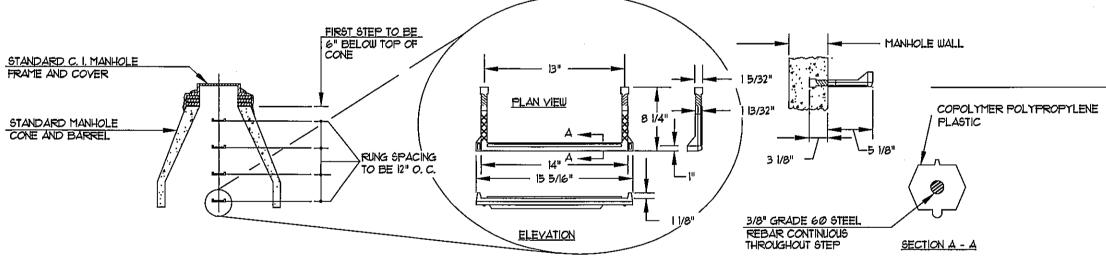
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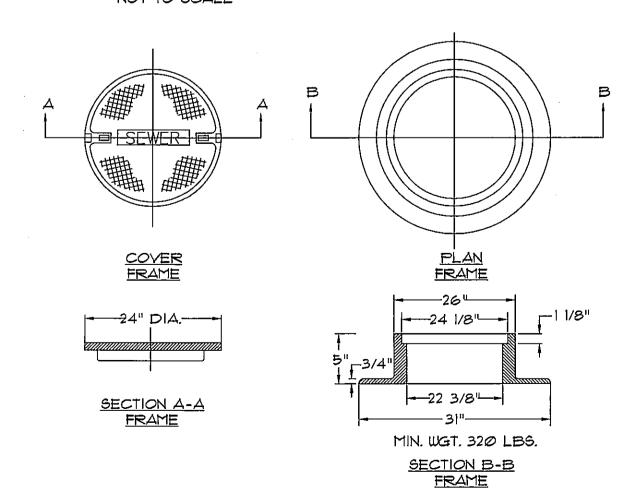
TYPICAL PAVEMENT GRADING ON SLOPES FOR CATCH BASIN AND INLET NOT TO SCALE



PRECAST CONCRETE MANHOLE TYPE "A" NOT TO SCALE



PLASTIC MANHOLE STEPS NOT TO SCALE



NOTE:

I. ALL SANITARY AND STORMWATER/DRAIN MANHOLE COVERS SHALL BE 24" x 5". ALL SANITARY MANHOLE COVERS AND SHALL HAVE "SEWER" CAST INTO THE COVER ALL STORMWATER/DRAIN MANHOLE COVERS SHALL HAVE "DRAIN" CAST INTO THE COVER.

CAST IRON MANHOLE COVER AND FRAME NOT TO SCALE

GENERAL NOTES FOR MANHOLES AND CATCH BASINS . ALL CONCRETE SHALL BE CLASS "A" AND HAVE A

MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 4000 Ibs. PER SQ. INCH AT THE END OF 28 DAYS, UNLESS OTHERWISE NOTED. 2. PRECAST REINFORCED CONE BARREL MANUFACTURED

3. SEWER BRICK SHALL CONFORM TO ASTM SPEC. DESIGNATE ON C-32-63, GRADE MA AND SA.

PER ASTM SPEC. C-478-67

4. ALL MANHOLES SHALL HAVE A BITUMINOUS WATERPROOFING APPLIED TO THE EXTERIOR SURFACE. 9. ALL WORK WITHIN THE STREET RIGHT-OF-WAY SHALL IF CONSTRUCTED OF BRICK MASONRY, SURFACE SHALL BE PLASTERED WITH A SMOOTH MORTAR FINISH 3/8" THICK, AFTER THE MORTAR HAS SET, THE SURFACE SHALL BE WATERPROOFED AS REQUIRED BY SUPPLEMENTAL SPECIFICATIONS SECTION 604.

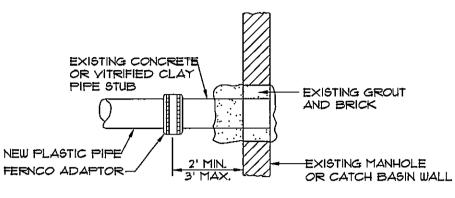
5. CASTINGS SHALL CONFORM TO ASTM DESIGNATION A48-CLASS 35. ALL PARTS OF CASTINGS, EXCEPT FINISHED SURFACE, SHALL RECEIVE A COAT OF COAL TAR PITCH YARNISH OR ASPHALTUM PAINT WHICH SHALL BE SMOOTH AND TOUGH BUT NOT BRITTLE.

6. MANHOLES MAY BE CONSTRUCTED OF MASONRY, PRECAST REINFORCED CONCRETE, OR CAST IN PLACE. 7. ALL PRECAST MANHOLES AND CATCH BASING SHALL BE

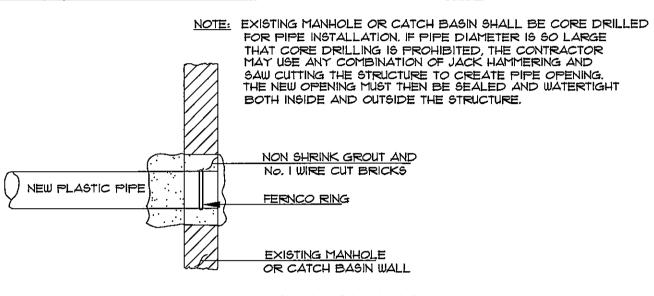
IDENTIFIED BY <u>STATION</u> AND <u>OFFSET</u>, PAINTED ON THE SIDE OF THE STRUCTURE BY THE MANUFACTURER. 8. EXISTING MANHOLES, CATCH BASINS, FRAMES, AND COVERS SHALL BE SALVAGED BY THE CONTRACTOR, AND SHALL REMAIN THE PROPERTY OF THE CITY OF

CONFORM TO THE CITY OF PORTLAND TECHNICAL MANUAL STANDARDS.

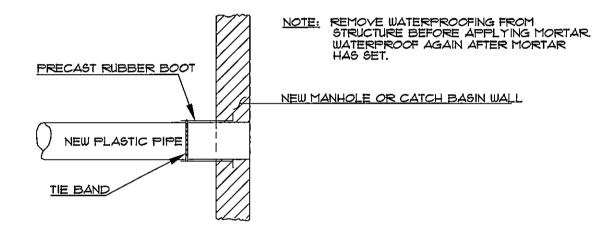
10. ALL CATCH BASIN OUTLET PIPES SHALL BE INSTALLED WITH AN OIL AND FLOATABLES SEPARATOR. THE SEPARATOR SHALL BE THE "SNOUT" OR AN APPROVED EQUAL AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



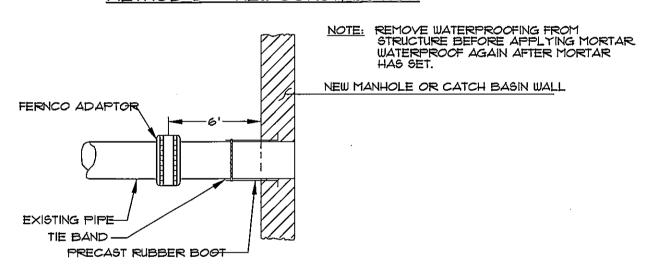
METHOD 4 - NEW PIPE TO EXISTING STRUCTURE STUB



METHOD 3 - NEW PIPE INTO EXISTING STRUCTURE

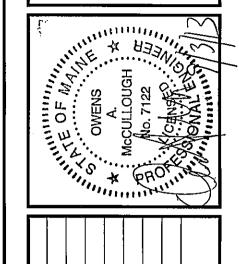


METHOD 2 - NEW CONSTRUCTION



METHOD I - EXISTING PIPE INTO NEW STRUCTURE

PLASTIC PIPE CONNECTION DETAIL NOT TO SCALE



B WTC 09-03-13 CITY SUBMITTAL 3 A WTC 07-29-13 SUBMIT SITE PLAN APPLICATION TO CITY REV: BY: DATE: STATUS: THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS, ANT THE LISED'S SOLIE BISK AND WITHOUT I LABIL TY TO SEBAGO TECHNICS. INC. ANY ALTERATIONS, AND WITHOUT LABIL TY TO SEBAGO TECHNICS. INC. ANY ALTERATIONS, AND WITHOUT LABIL TY TO SEBAGO TECHNICS. INC.						
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$\widetilde{\mathbb{Q}}$	E O E	WWW.SEBAGOTECHNICS.COM	75 John Roberts Rd Suite 1A	South Portland, ME 04106	Tel. 207-200-2100	FIELD BOOK	ı
V)	-		75 John Ro	South Pc	Tel.	PROJECT NO.	13251

DATE SCALE AS SHOWN 07-26-13

SHEET 11 OF 13