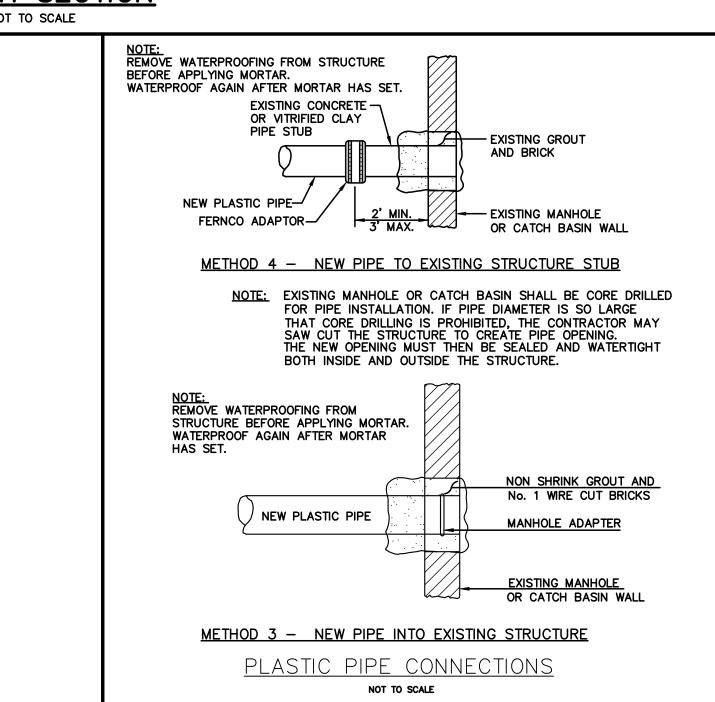


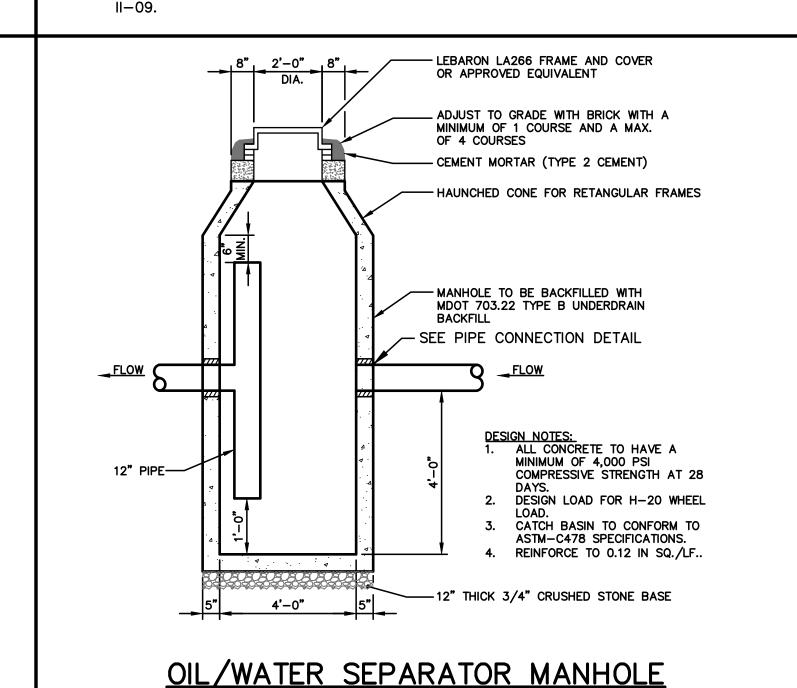
NEW MANHOLE OR

CATCH BASIN WALL

NEW MANHOLE OR

CATCH BASIN WALL





GENERAL NOTES FOR MANHOLES AND CATCH BASINS

4000 lbs. PER SQ. INCH AT THE END OF 28 DAYS, UNLESS OTHERWISE NOTED.

2. MANHOLES MAY BE CONSTRUCTED OF PRECAST REINFORCED CONCRETE, OR

CAST IN PLACE.

INTO THE COVER.

GRADE MA AND SA.

EXTERIOR SURFACE.

DR5A OR APPROVED EQUAL.

COVER.

1. ALL CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF

3. PRECAST REINFORCED CONE BARREL MANUFACTURED PER ASTM SPEC. C-478.

4. ALL STORM AND SEWER MANHOLE COVERS SHALL BE SOLID AND SHALL HAVE

ONE 7/8" DIAMETER DRILLED PICK HOLE LOCATED 8" FROM THE CENTER OF THE

COVER. ALL STORMWATER/DRAIN MANHOLE COVERS SHALL HAVE "DRAIN" CAST

5. ALL SANITARY MANHOLE COVERS SHALL HAVE "SEWER" CAST INTO THE

6. ALL MANHOLE RISERS SHALL BE ETHERIDGE 24" OR APPROVED EQUAL.

CASTINGS SHALL CONFORM TO ASTM DESIGNATION A48—CLASS 35.

7. SEWER BRICK SHALL CONFORM TO ASTM SPEC. DESIGNATE ON C-32-63,

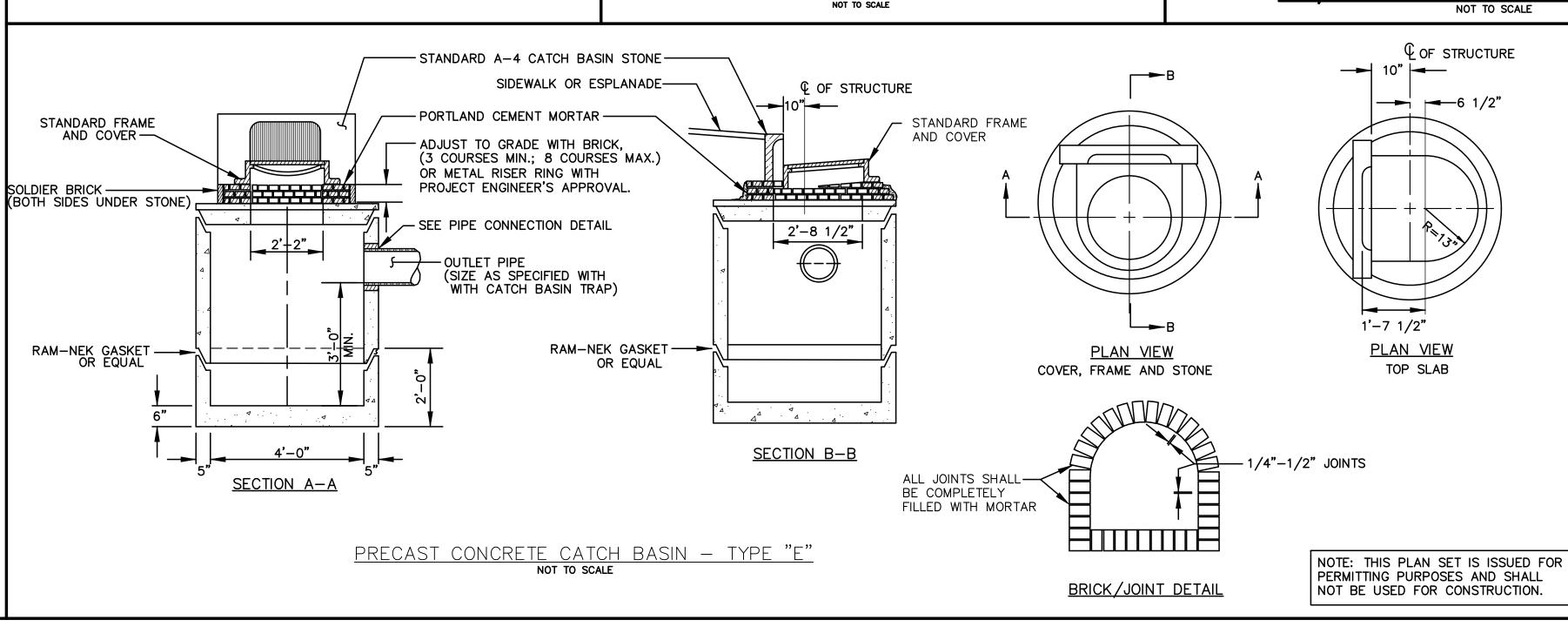
8. ALL SANITARY MANHOLES SHALL HAVE A WATERPROOFING COATING APPLIED TO THE

9. CATCH BASIN FRAMES FOR TYPE A4 CATCH BASIN CURB INLETS SHALL BE ETHERIDGE

11. EXISTING MANHOLES, CATCH BASINS, FRAMES, AND COVERS SHALL BE SALVAGED BY

12. ALL CATCH BASIN OUTLETS SHALL BE INSTALLED WITH A CASCO TRAP. SEE FIGURE

THE CONTRACTOR, AND SHALL REMAIN THE PROPERTY OF THE CITY OF PORTLAND.



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WORKING	3	05/09/16	RESPONSE TO CITY COMMENTS
8	2	03/10/16	RESPONSE TO CITY COMMENTS
CAD	1	11/13/15	RESPONSE TO CITY COMMENTS
2/	Rev.	Date	Revision

SITE PLAN REVIEW	8/7/15	AMP
Issued For	Date	Ву

Design: CEH Draft: CG Date: JUNE 2015

Checked: AMP Scale: AS SHOWN Job No.: 3018

File Name: 3018—DETAILS.dwg

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PRECAST RUBBER BOOT -

S.S. TIE BAND

FERNCO ADAPTOR OR

SOLID PVC COUPLING-

EXISTING PIPE

S.S. TIE BAND

NEW PLASTIC PIPE

METHOD 2 - NEW CONSTRUCTION

PRECAST RUBBER BOOT

METHOD 1 - EXISTING PIPE INTO NEW STRUCTURE

PLASTIC PIPE CONNECTIONS

NOT TO SCALE



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Drawing Name:	Details 2
Project:	York Street — Mixed Use Development Portland, Maine
Client:	York Street, LLC 36 Danforth Street, Portland, ME 04101

Drawing No. C5. 02

ALTON M.

PALMER III No. 0231

05/09/2016