

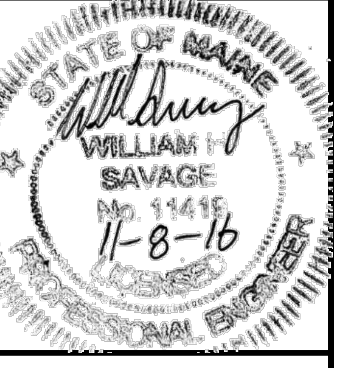
ISSUED FOR	BY
PRELIM. APP.	WHS
	11/2/16

DRAWING NAME: **DRAINAGE DETAILS**  
PROJECT NAME: **161 YORK STREET REDEVELOPMENT**  
CLIENT: **YORK STREET REDEVELOPMENT, LLC**  
42 MARKET STREET PORTLAND, ME 04101

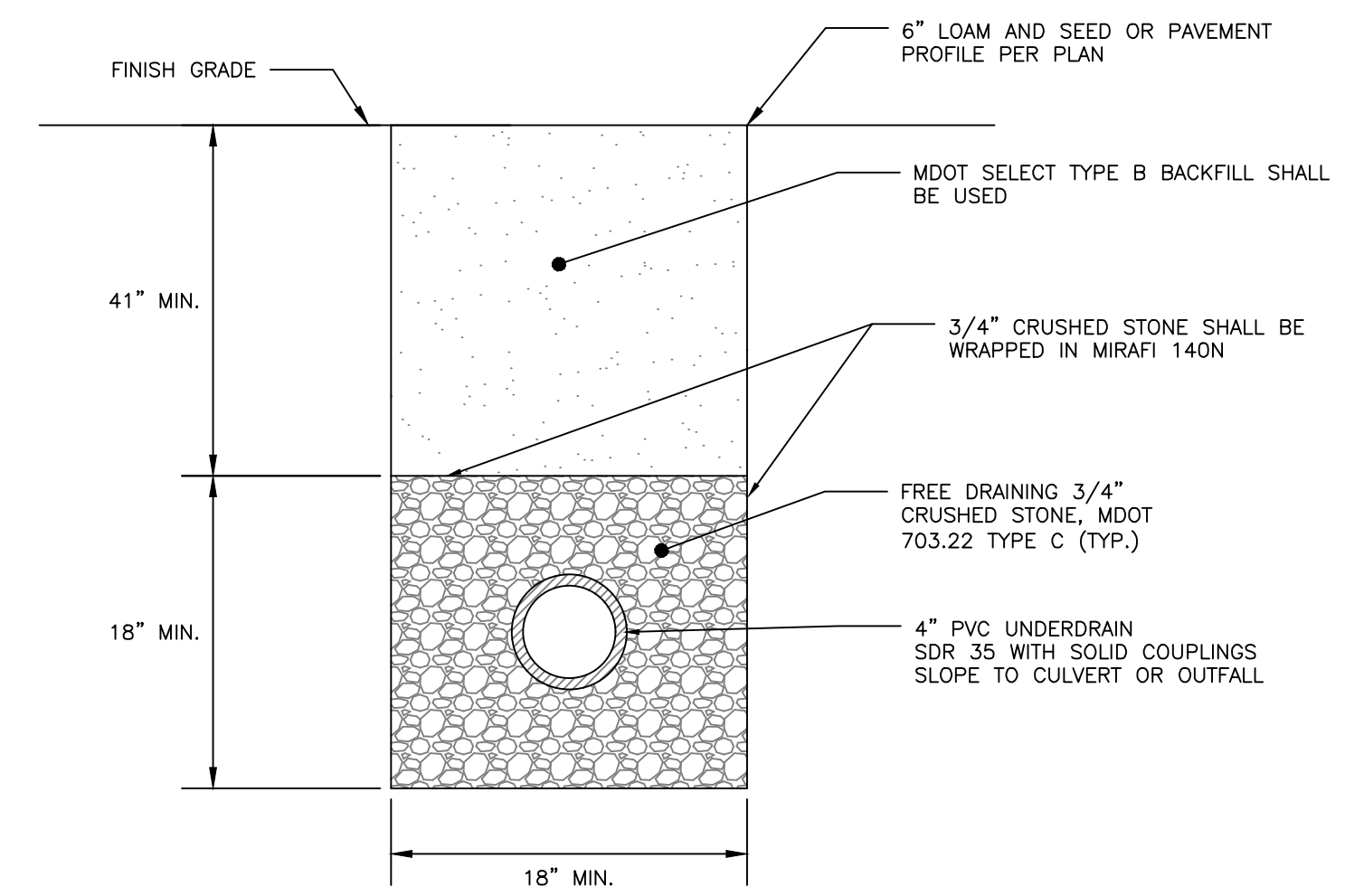
**A C C O R N**  
**ENGINEERING, INC.**

158 BANGOR ST. PORTLAND, MAINE 04102  
(207) 775-2655

FILE: 1074\_CIVIL  
JN: 1074  
SCALE: NTS  
DESIGNED BY: WHS  
DRAWN BY: SUL  
CHECKED BY: WHS

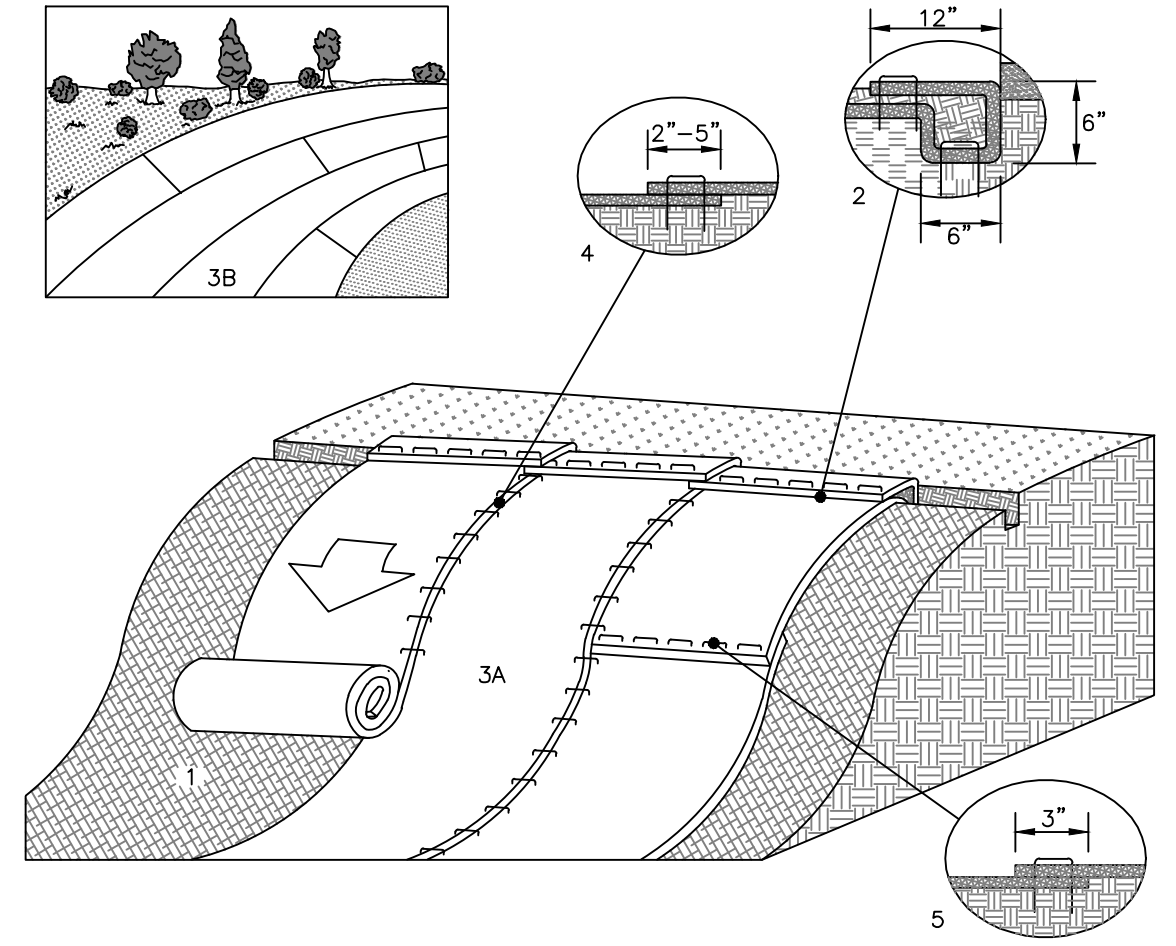


DRAWING NO. **C-44**



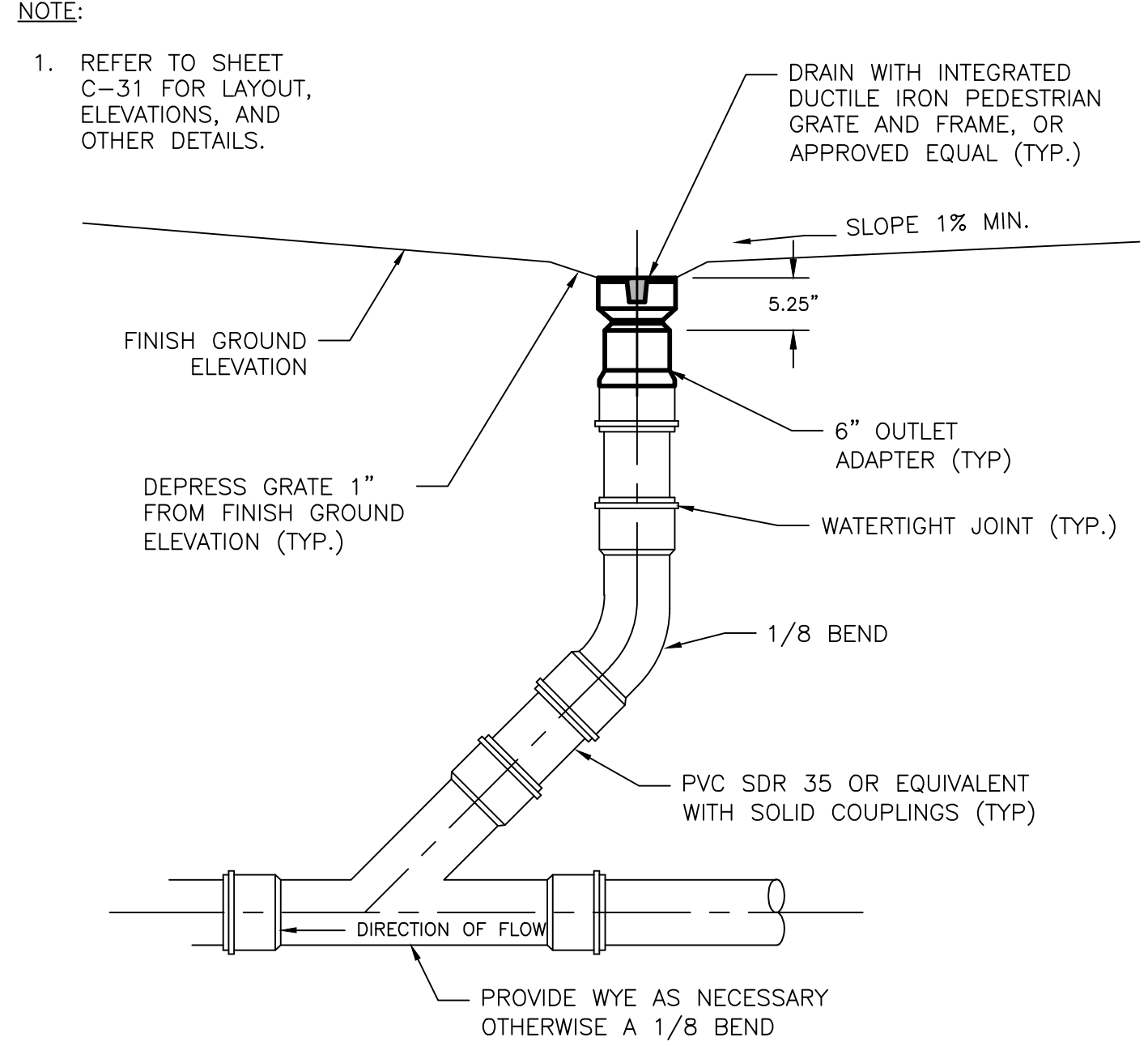
- NOTES:**
1. MINIMUM UNDERDRAIN SLOPE 0.0025 (0.25%)
  2. PERFORATIONS IN UNDERDRAIN PIPE SHALL BE ORIENTED DOWN.

**UNDERDRAIN DETAIL**  
NOT TO SCALE

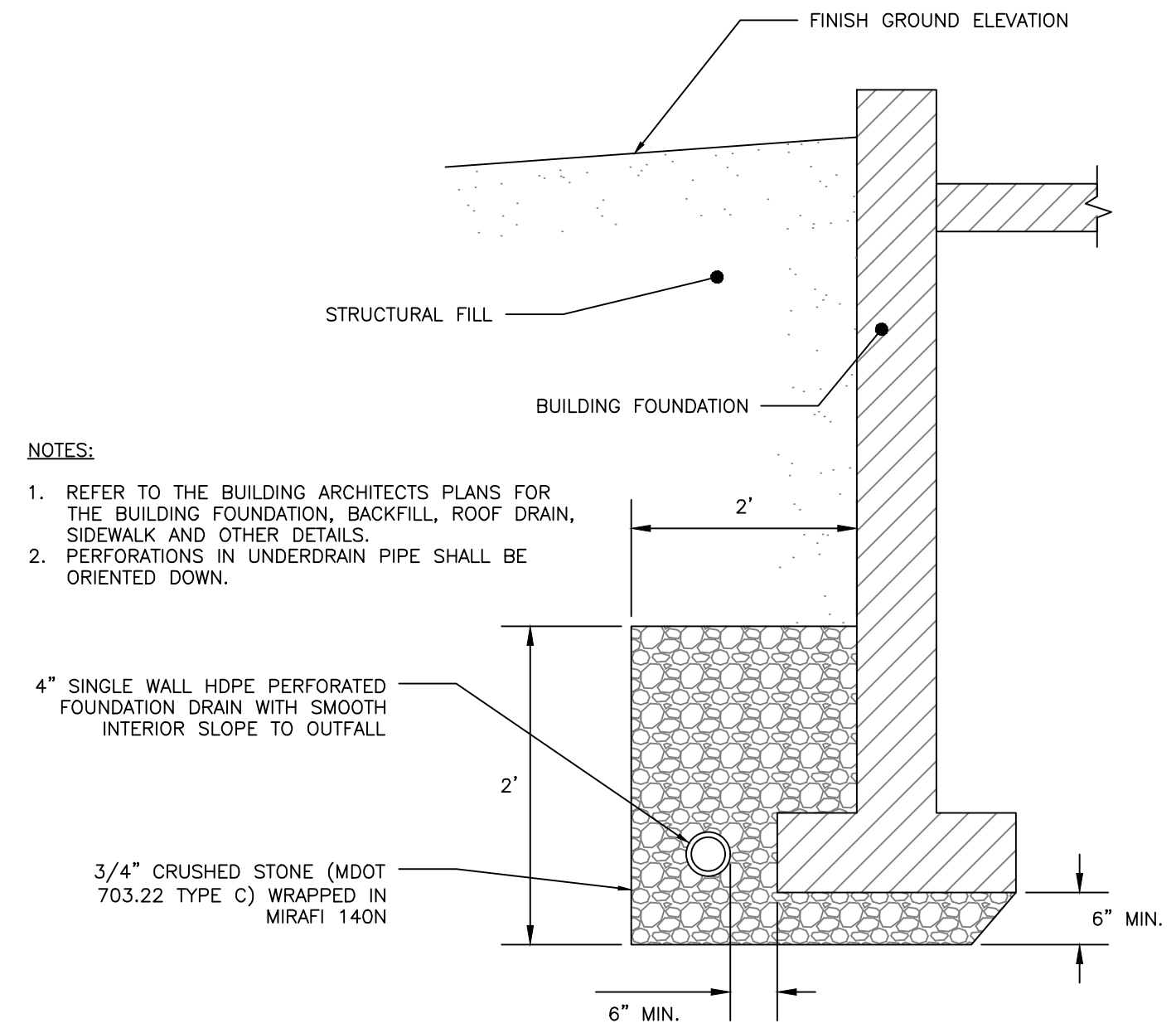


**EROSION CONTROL BLANKET SLOPE INSTALLATION**  
NOT TO SCALE

- 1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (ECB), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.**
- 2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE ECB IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF ECB EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE ECB WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO THE COMPACTED SOIL AND FOLD THE REMAINING 12" PORTION OF ECB BACK OVER THE SEED AND COMPACTED SOIL. SECURE ECB OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE ECB.**
- 3. ROLL THE ECB (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. ECB WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL ECB MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.**
- 4. THE EDGES OF PARALLEL ECB MUST BE STAPLED WITH APPROXIMATELY 2" - 5" OVERLAP DEPENDING ON THE ECB TYPE.**
- 5. CONSECUTIVE ECB SPLICED DOWN THE SLOPE MUST BE END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE ECB WIDTH.**
- \*NOTE:**  
IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE ECB.

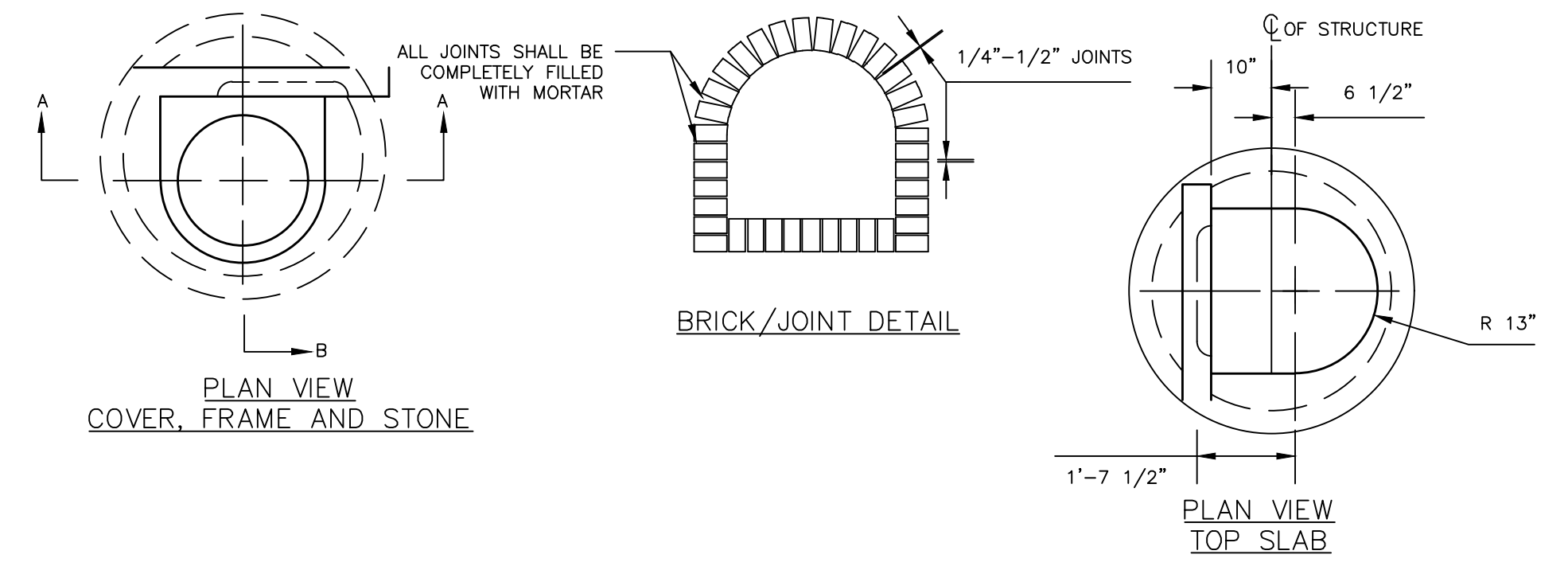
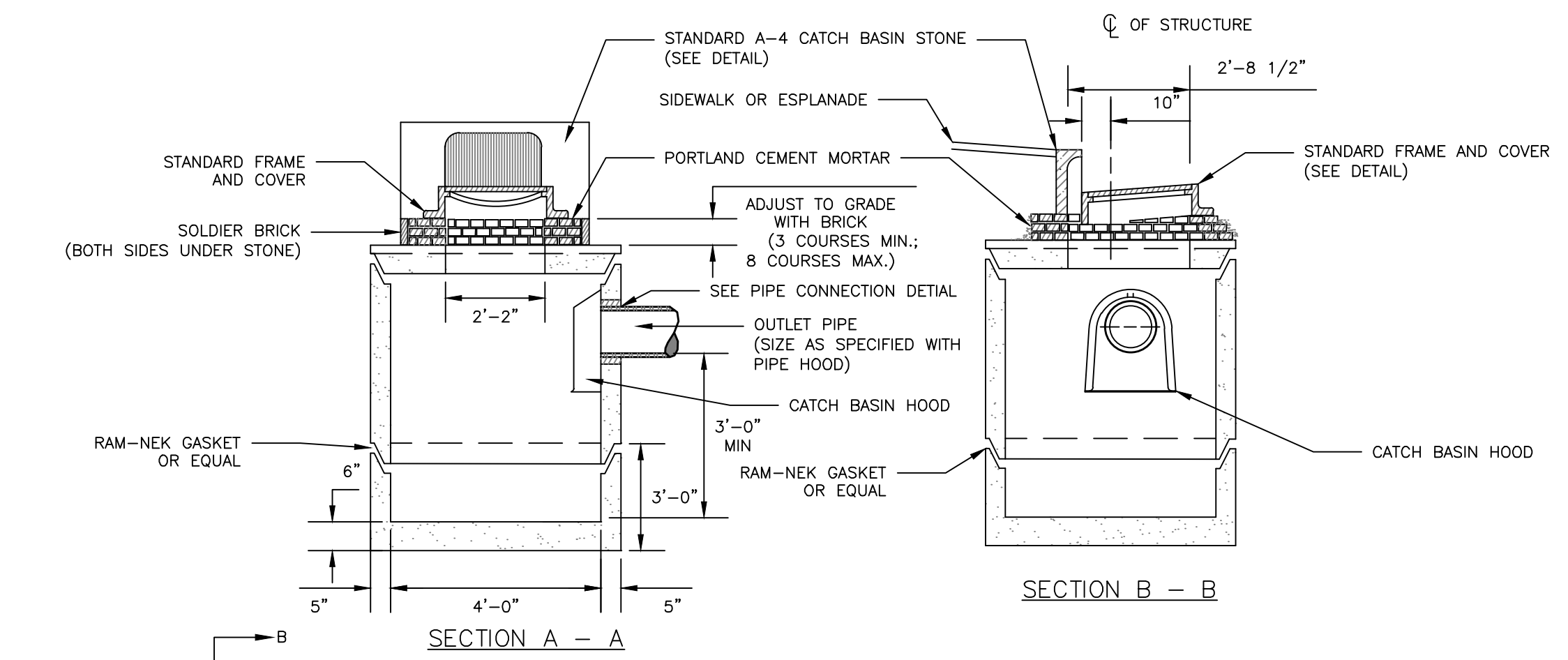


**INLINE DRAIN DETAIL**  
NOT TO SCALE

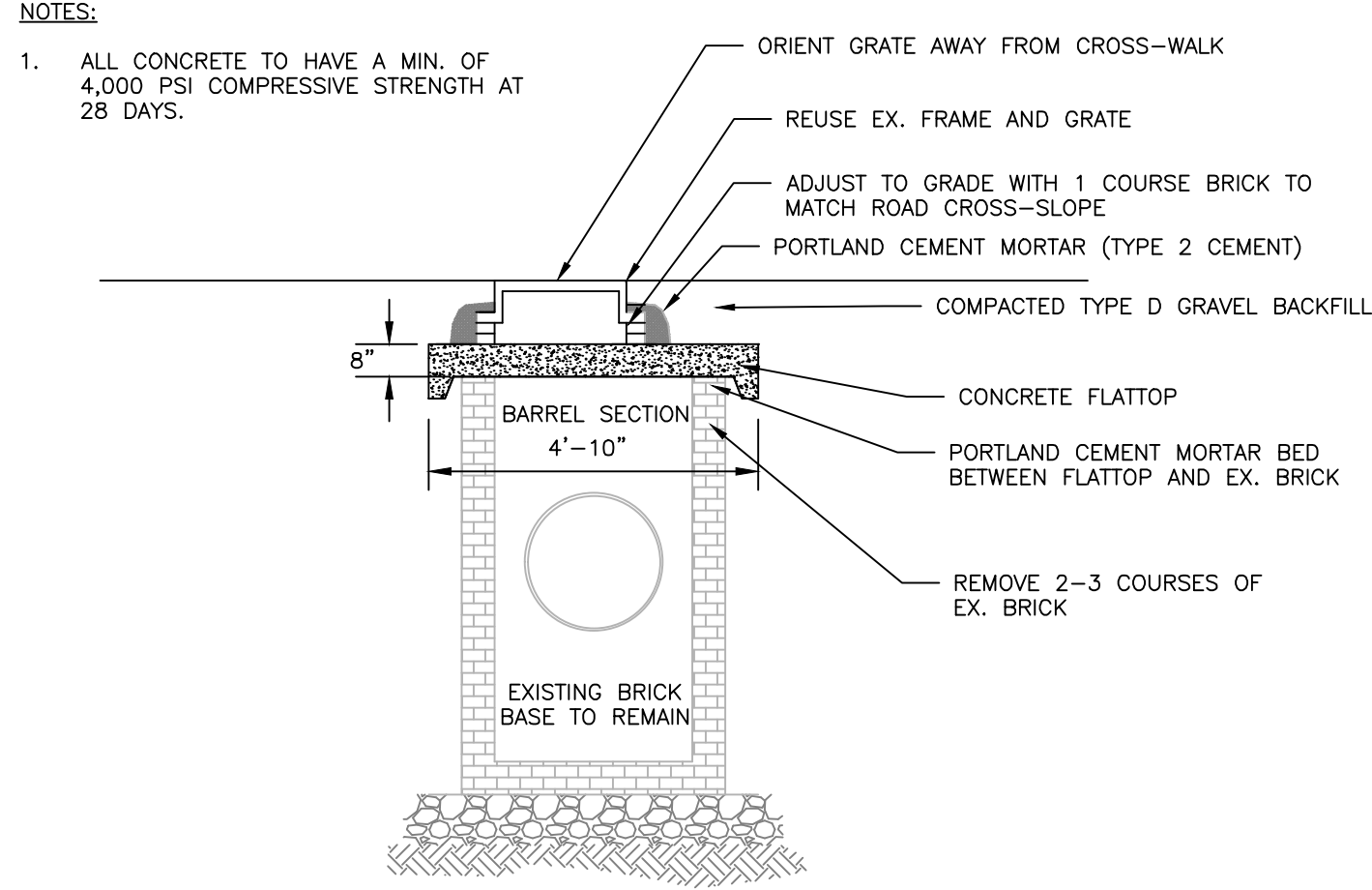


- NOTES:**
1. REFER TO THE BUILDING ARCHITECTS PLANS FOR THE BUILDING FOUNDATION, BACKFILL, ROOF DRAIN, SIDEWALK AND OTHER DETAILS.
  2. PERFORATIONS IN UNDERDRAIN PIPE SHALL BE ORIENTED DOWN.

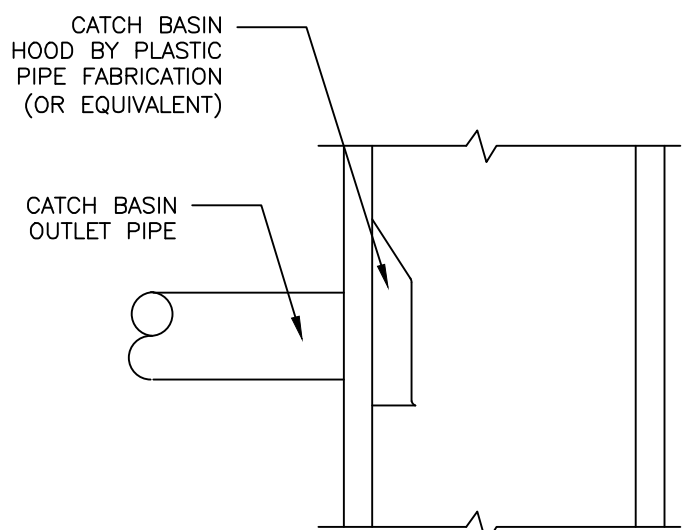
**FOUNDATION DRAIN DETAIL**  
NOT TO SCALE



**CITY OF PORTLAND PRECAST CONCRETE CATCH BASIN**  
NOT TO SCALE



**EXISTING CATCH BASIN WITH PROPOSED FLATTOP**  
NOT TO SCALE



**CATCH BASIN HOOD DETAIL**  
NOT TO SCALE

- NOTES:**
1. INSTALL CATCH BASIN HOODS IN ALL CATCH BASINS UNLESS OTHERWISE NOTED
  2. PREFERRED STYLE DESIGNED TO ELIMINATE CEMENTING OF THE TRAP.
  3. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION REQUIREMENTS

PRELIMINARY  
NOT ISSUED FOR  
CONSTRUCTION