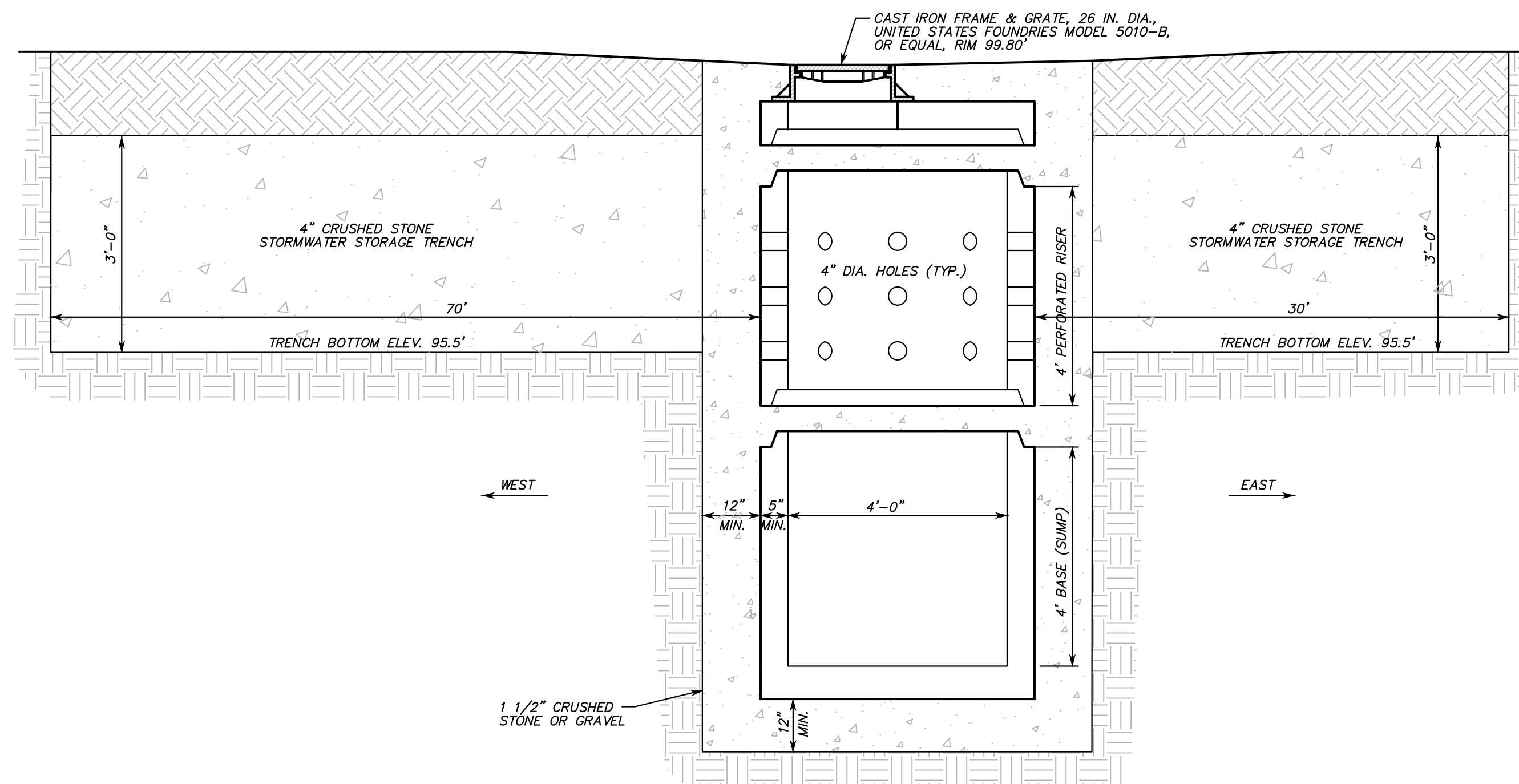


STORAGE TRENCH SECTION
N.T.S.

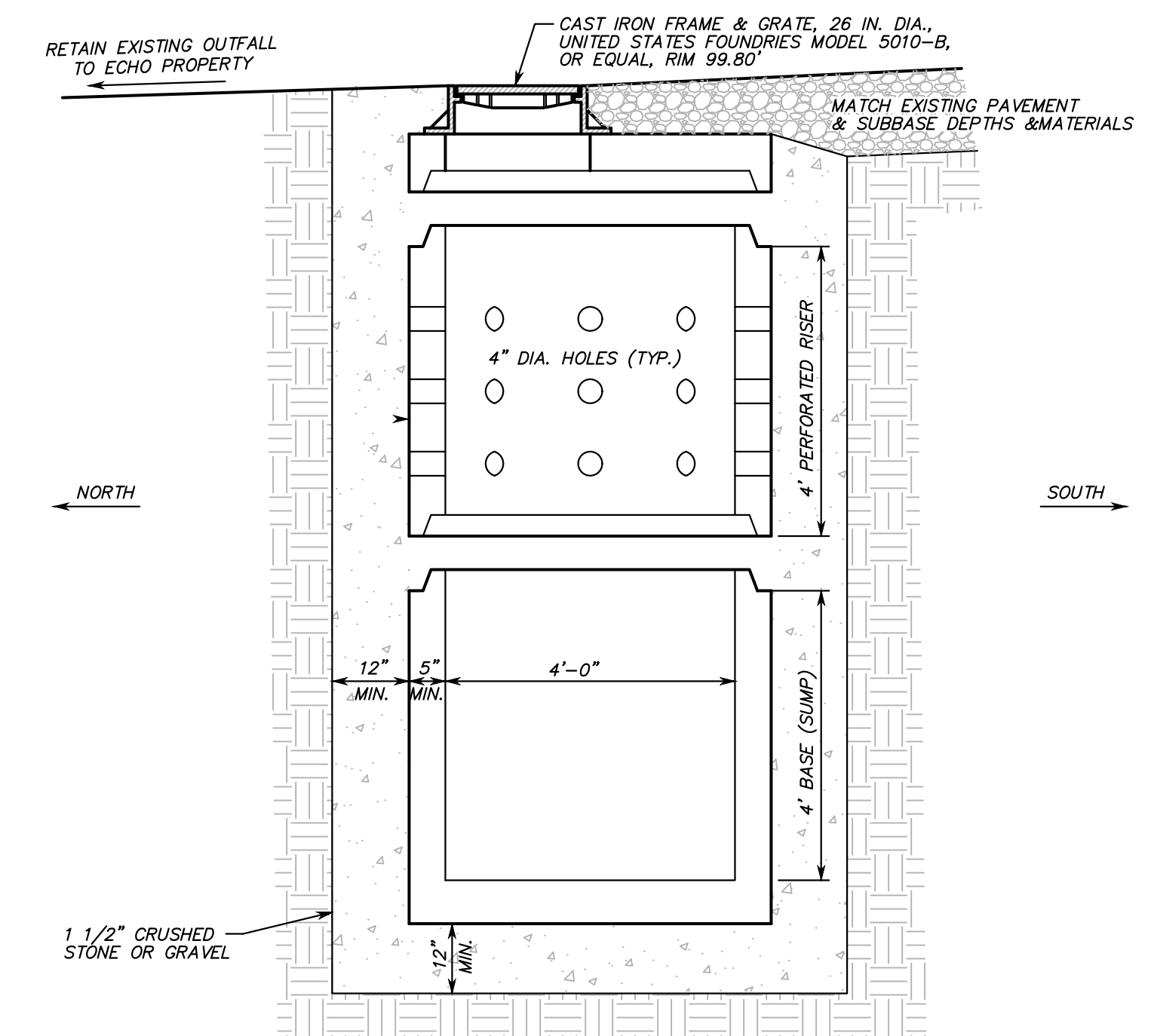
TURF ESTABLISHMENT PROCEDURES

1. Rough grade the subsoil to the proper elevations, 4-6 inches below the finished grades specified on the plans for the area to be seeded. Spread topsoil to a uniform depth of 4-6 inches. Topsoil shall comply with the Vermont Agency of Transportation Standard Specifications for Construction, latest edition, Section 755.01 "Topsoil".
2. Remove sticks, stones and any other debris from the topsoil that may interfere with fine grading and future mowing of the area. Then fine grade the topsoil, taking care to maintain 4 inches minimum topsoil depth and to provide for surface water runoff in accordance with the plans.
3. Apply commercial fertilizer (10-20-20) to the area, at a rate of 4 pounds per 100 square feet (1,700 pounds per acre). Apply agricultural lime to the area, at rate to 10 pounds per 100 square feet (2 tons per acre). Harrow or rake the topsoil to mix the fertilizer and lime to a 2 inch minimum depth.
4. Permanent seeding shall occur only between April 15 and October 15. Areas to be regularly mowed should use a mix containing about 45 percent Kentucky bluegrass, 45 percent creeping red fescue, and about 10 percent of ryegrass, applied at 45 pounds per acre. Non-mowed areas should use a mix containing about 65 percent creeping red fescue, 5 percent riddop, and about 30 percent birdsfoot trefoil, applied at 30 pounds per acre. Temporary seeding (including all seeding between October 15 and April 15) shall use annual rye applied at a rate of 45 pounds per acre. Bury permanent and temporary seeds with 1/4 inch of topsoil.
5. Apply hay or straw mulch evenly to the seeded area. Mulch shall be air-dried, and free of undesirable seeds and coarse material. Place mulch at a rate of 75-100 pounds per 1,000 square feet (2-3 bales spread 3 inches deep), or 1.5-2.5 tons per acre (90-120 bales spread 3 inches deep). The mulch may be anchored by the use of a disk harrow or sheepfoot roller (running parallel to the ground contours), or a tracked vehicle (running perpendicular to the ground slope); alternatively a thin layer of topsoil placed over the mulch as an anchor, or commercial nets, mats or asphalt tackling products may be acceptable with the Engineer's prior approval.
6. Inspect seeded and mulched areas frequently during the first four weeks after seeding, and replace or reanchor the mulch whenever necessary. Check seeding near the end of the first growing season to determine whether all areas have become fully established. Scarify, fertilize, lime, and reseed any areas without adequate plant cover, and reapply mulch.
7. Areas temporarily seeded and mulched between October 15 and April 15 shall be reseeded and mulched in accordance with these permanent seeding procedures after April 15.
8. Mow and fertilize well-established areas of permanent planting on a regular basis to maintain vigorous growth.



CATCH BASIN SHALL BE A 48-INCH INSIDE DIAMETER WELL TILE STRUCTURE (H=20 LOADING CAPABLE), AS MANUFACTURED BY CAMP PRECAST CONCRETE PRODUCTS, OR APPROVED EQUAL.

STORMWATER ATTENUATION & PRETREATMENT SYSTEM
CENTERLINE PROFILE
N.T.S.




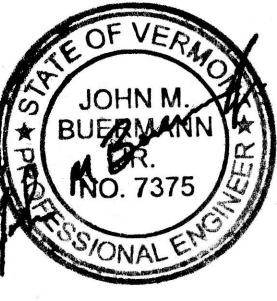
CATCH BASIN SHALL BE A 48-INCH INSIDE DIAMETER WELL TILE STRUCTURE (H=20 LOADING CAPABLE), AS MANUFACTURED BY CAMP PRECAST CONCRETE PRODUCTS, OR APPROVED EQUAL.

STORMWATER ATTENUATION & PRETREATMENT SYSTEM
PAVEMENT/OUTFALL SECTION
N.T.S.

NOTES

1. THESE DRAWINGS ARE PREPARED FOR PERMITTING REVIEW ONLY.
2. AS INSTRUMENTS OF SERVICE THESE DRAWINGS AND COPIES THEREOF ARE PROPERTY OF THE ENGINEER, BUERMANN ENGINEERING, LLC. CHANGES TO THE DRAWINGS MAY ONLY BE MADE BY THE ENGINEER.
3. IT IS THE RESPONSIBILITY OF THE OWNER AND CONTRACTOR TO ENSURE THAT THESE PLANS CONTAIN THE MOST RECENT REVISIONS.
4. THE CONTRACTOR SHALL BE INSURED FOR THE WORK TO BE PERFORMED, AND SHALL BE PREPARED TO PROVIDE THE OWNER WITH A CERTIFICATE OF INSURANCE PRIOR TO THE START OF CONSTRUCTION.
5. THE CONTRACTOR SHALL NOTIFY DIG-SAFE (888)344-7233 AT LEAST FORTY-EIGHT HOURS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE AWARE THAT OTHER BURIED UTILITIES OR STRUCTURES, NOT SHOWN ON THESE PLANS AND/OR NOT LOCATED BY DIG-SAFE, MAY EXIST ON THIS SITE.
6. BUERMANN ENGINEERING, LLC HAS NOT PERFORMED ANY ENVIRONMENTAL SITE ASSESSMENTS ON THE SUBJECT PROPERTY, AND MAKES NO CLAIMS ABOUT THE POSSIBLE PRESENCE OR ABSENCE OF HAZARDOUS MATERIALS ONSITE.
7. REFER TO SHEET 1 FOR ADDITIONAL NOTES AND REFERENCES.

- REV. 9/19/2018 ADDED TURF ESTABLISHMENT PROCEDURES.
- REV. 9/5/2018 REVISED ATTENUATION SYSTEM DETAILS.

STORMWATER DETAILS		Date 8/17/2018
LAKE INDUSTRIES		Project Number 831
KING STREET DOCK		Plan Scale AS SHOWN
BURLINGTON, VERMONT		Sheet 2 of 2
 BUERMANN ENGINEERING, LLC 7 Sanderson Road, Milton, Vermont 05468		
Tel.: (802) 893-1308		www.belvt.com