VERMONT

Vermont Department of Environmental Conservation
Watershed Management Division
1 National Life Drive, Main 2
Montpelier VT 05620-3522
www.watershedmanagement.vt.gov

Agency of Natural Resources

[phone] 802-828-1535
[fax] 802-828-1544

AUTHORIZATION TO CONDUCT STREAM ALTERATION ACTIVITIES

Pursuant to Section C.2.2 of the VT Stream Alteration General Permit (Reporting activities not requiring an application)

Project Number: **SA-06-** 15 **-2015**

Applicant Name: Joe Zuaro

Mailing Address: 101 Dale Hill Rd., Northfield VT 05663 Phone: (802) 485-8541

Project Location 44.1379, -72.6701 Email: Freeheel@tds.net

The Secretary of the Vermont Agency of Natural Resources (VT ANR) has determined that:

1. This project authorizes Replacement of existing culvert w/ 12' arch pipe
2. The proposed activity is eligible for coverage under the VT ANR Stream Alteration General Permit.
3. The proposed activity will meet the terms and conditions of the General Permit provided:
   a) The project will be completed and approved as shown on the plan dated 05/15/2015, prepared by _____, and approved by the Vermont Agency of Natural Resources.
   b) The project will not adversely affect the public safety by increasing flood hazards.
   c) The project will not significantly damage fish life or wildlife.
   d) The project will not significantly damage the rights of riparian owners.
   e) The project will not obstruct the movement of aquatic life indigenous to the waterbody beyond the actual duration of construction.
   f) The project is conducted in a manner which minimizes or avoids any discharge of sediment or other pollutants to surface waters in violation of the VT Water Quality Standards.
   g) The ANR River Management Engineer is notified by phone or email when construction begins and when the project is complete.
   h) In-stream working dates for all GP activities are from July 1st through October 1st; any in-stream work outside these dates will require an Individual Stream Alteration Permit authorization by the River Management Engineer.
   i) This authorization has been posted for three days public comment. This authorization constitutes final approval.

If there are any changes in the project plan or deviation in construction from the plan, the Permittee must notify the River Management Engineer immediately.

If the project is constructed as you have described, as shown on the above referenced approved plans and according to the above conditions, there is no reason to expect any violation of Vermont Water Quality Standards.

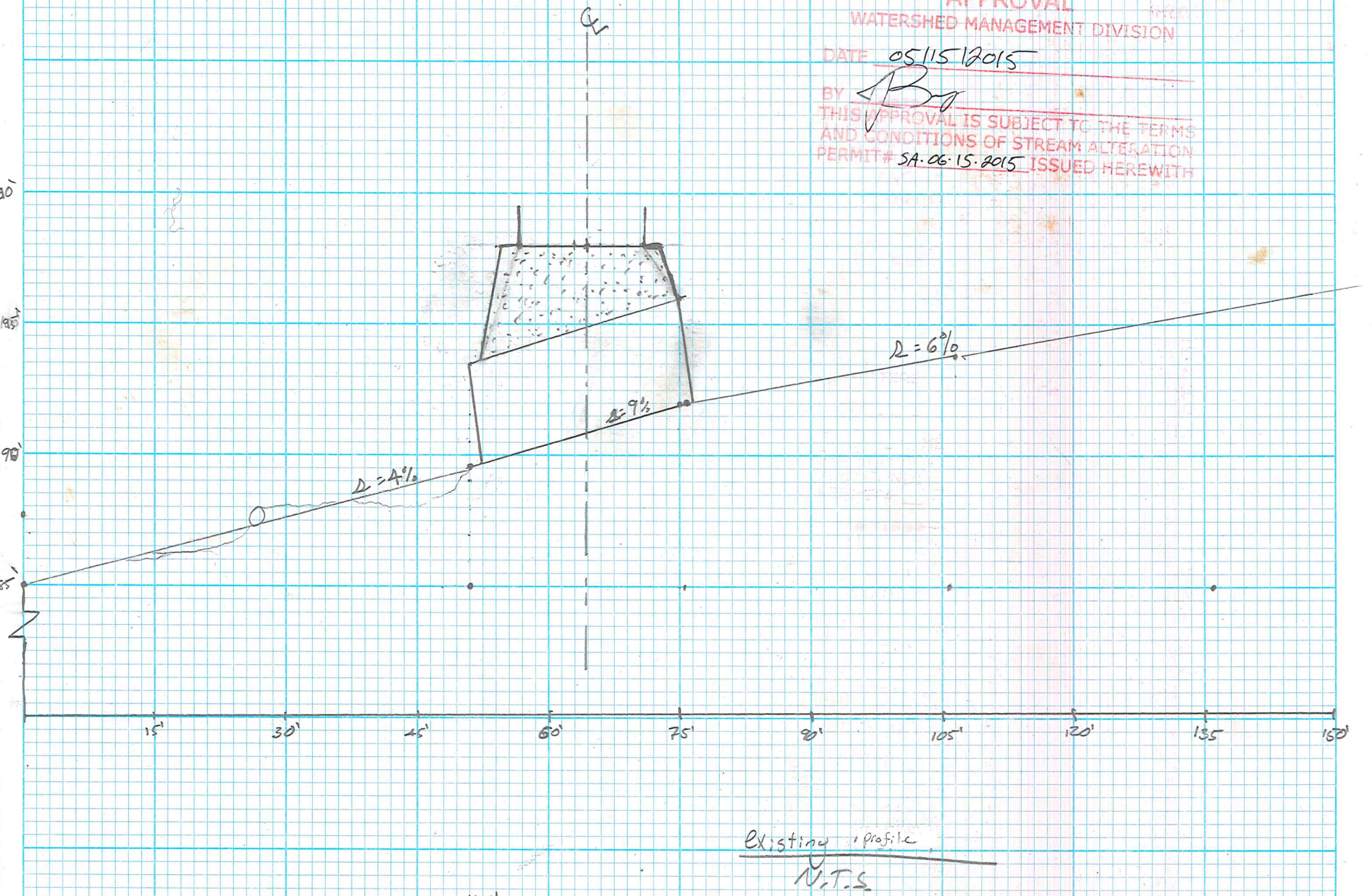
Signed this 15th day of May, 2015

This permit expires October 1, 2015.

David K. Mears, Commissioner
Department of Environmental Conservation

by: _____
Jaron Borg, River Management Engineer

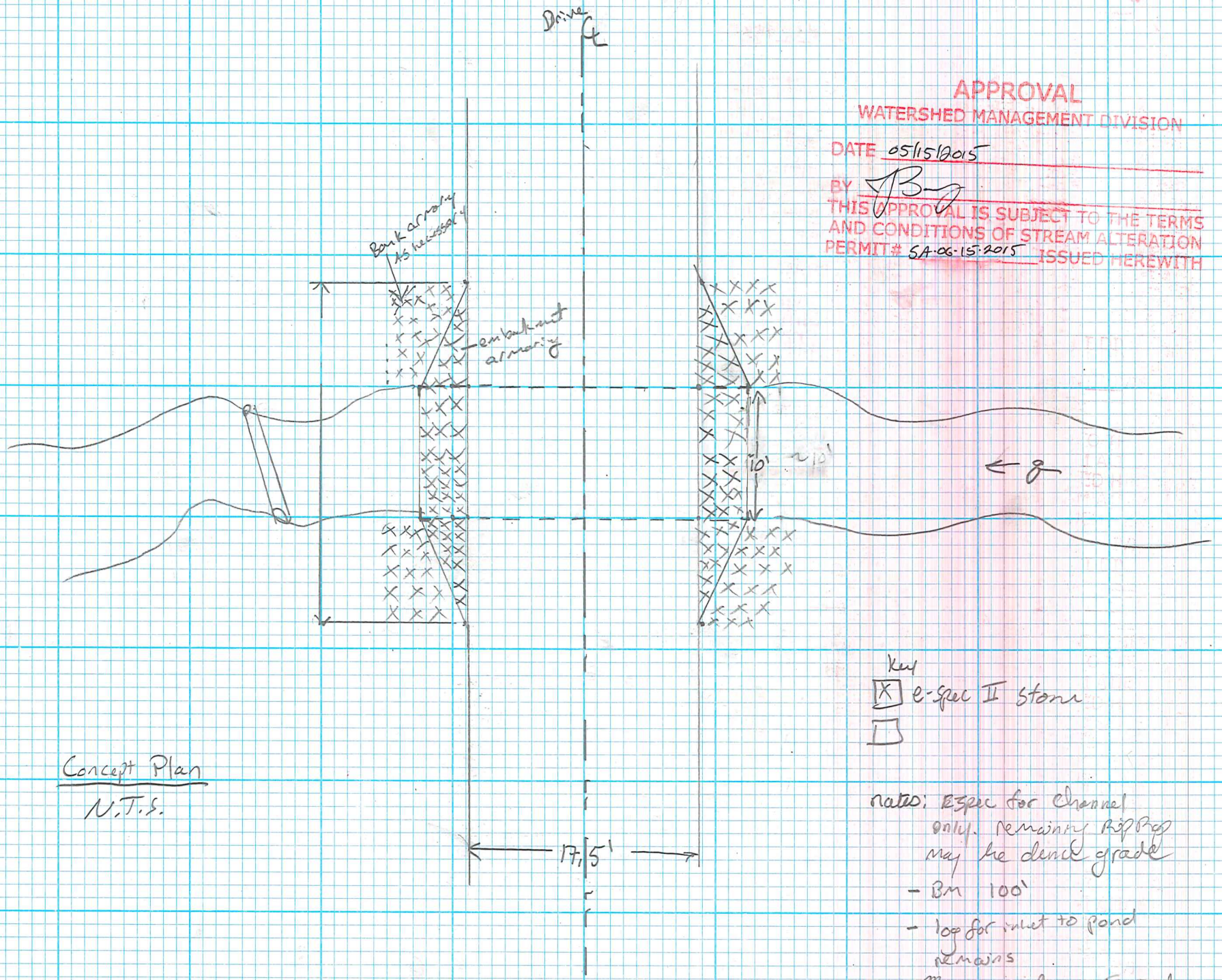
APPROVAL
WATERSHED MANAGEMENT DIVISION
DATE 05/15/2015
BY
THIS APPROVAL IS SUBJECT TO THE TERMS AND CONDITIONS OF STREAM ALTERATION PERMIT# SA-06-15-2015 ISSUED HEREWITH



existing profile
N.T.S.

Rite in the Rain.
No. 1110
1/10 GRID
J. L. DARLING CORP. TACOMA, WA
www.RiteintheRain.com

Rite in the Rain.



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Key
[X] e-spec II stone
[ ]

Concept Plan
N.T.S.

notes: ESpec for channel only. Remaining RipRap may be dense grade
- Bm 100'
- log for inlet to pond remains
- May narrow ROW for relief embankment slopes

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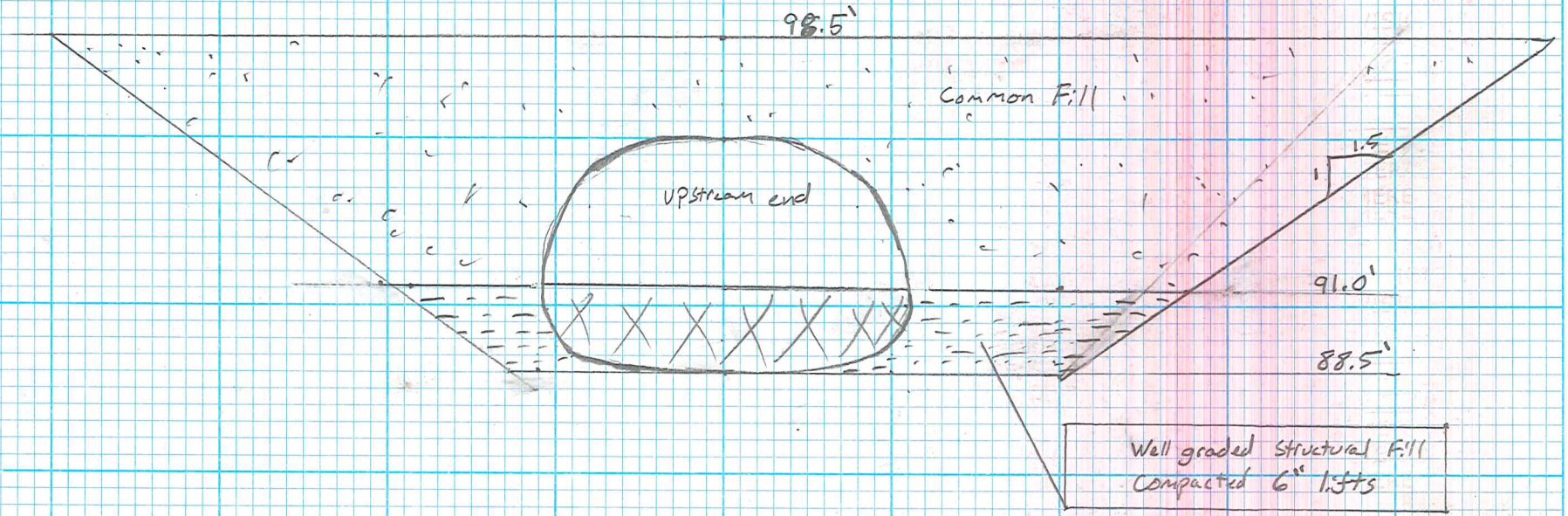

Concept X-Section
N.T.S.

Notes
① embankment armoring not depicted
② Culvert indfill may use native material for small fraction of Espec gradation

Key
[X] E Spec Stone II

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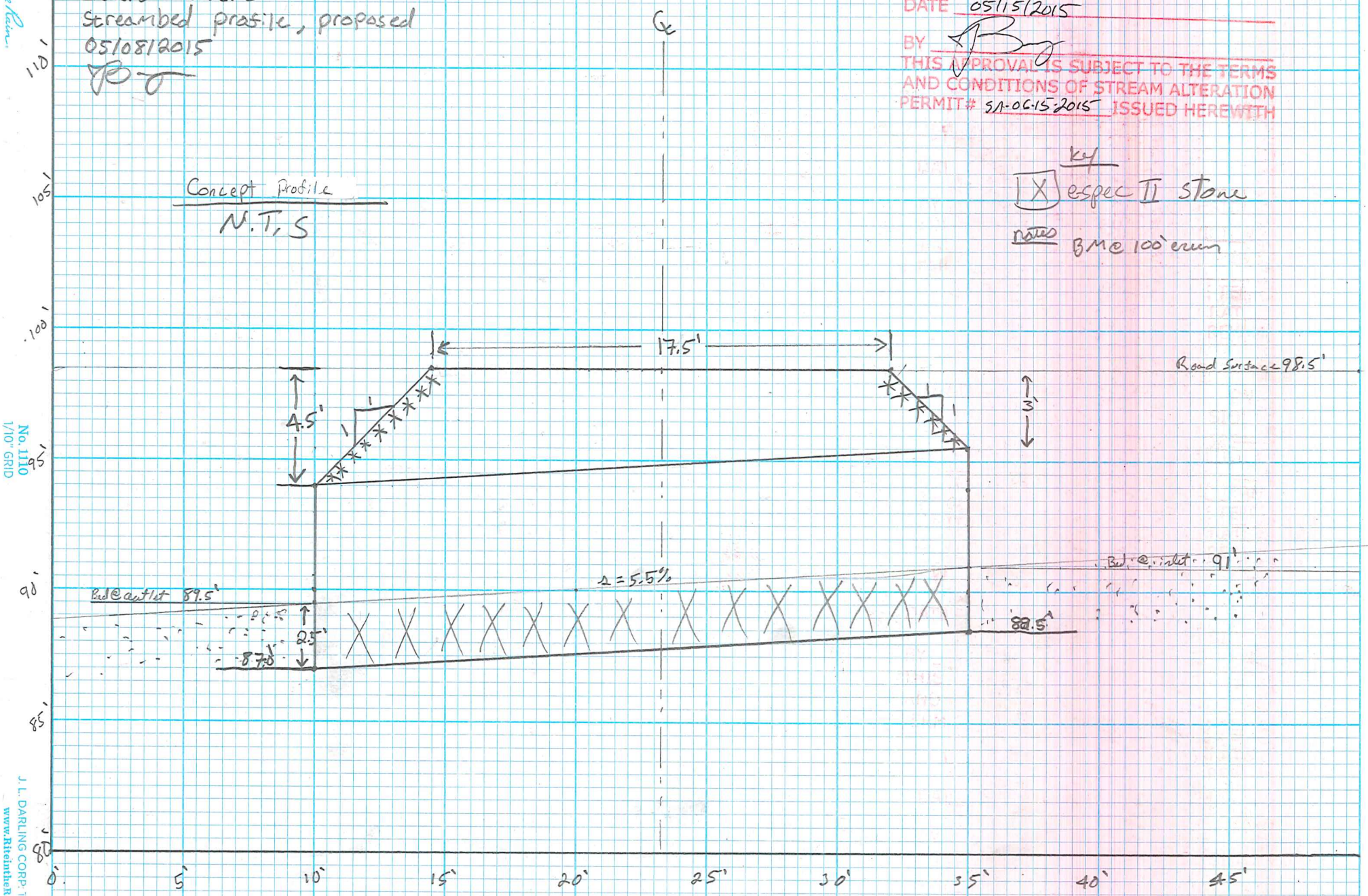
Zuaro Culvert
Streambed profile, proposed
05/08/2015



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