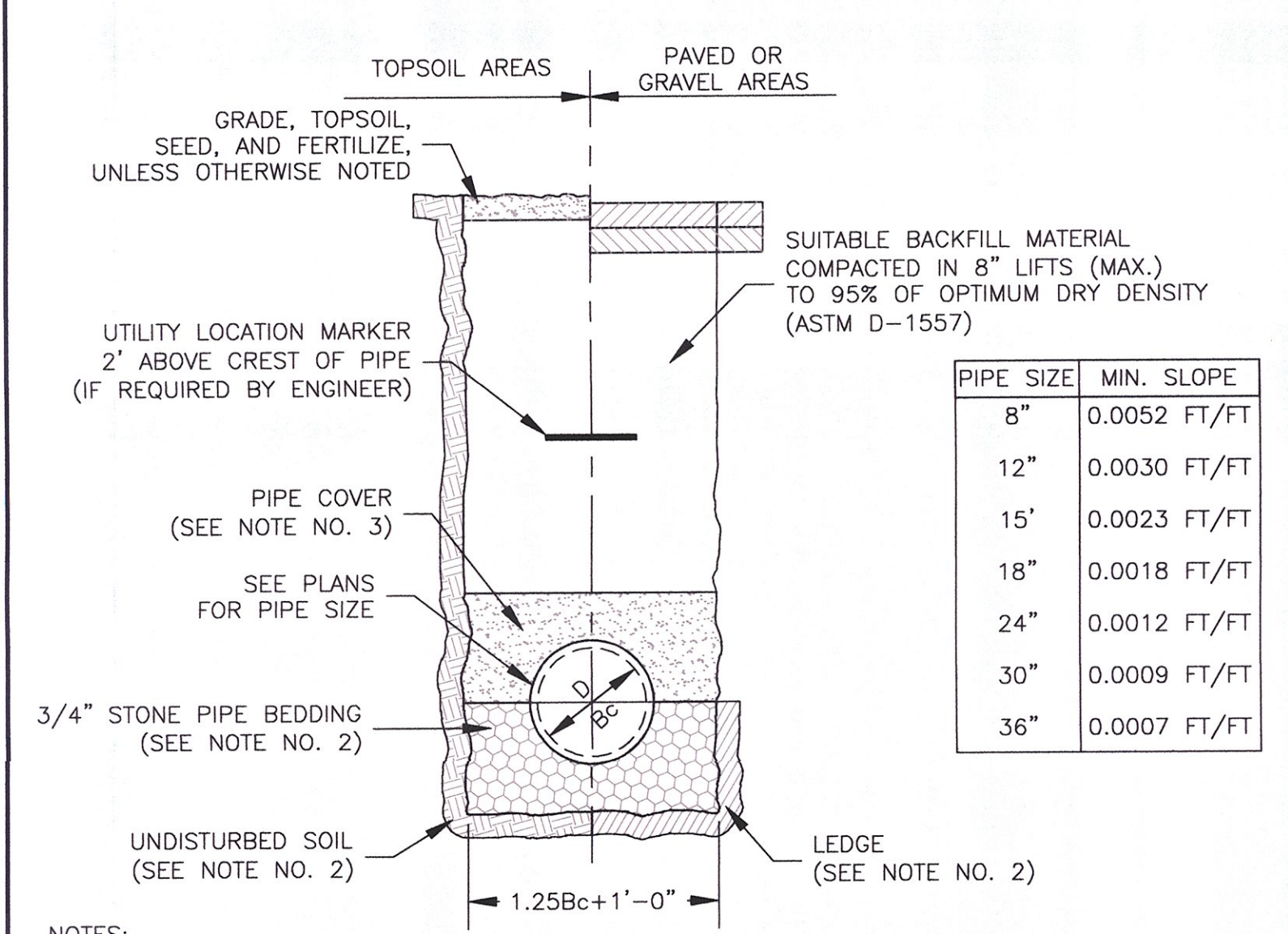
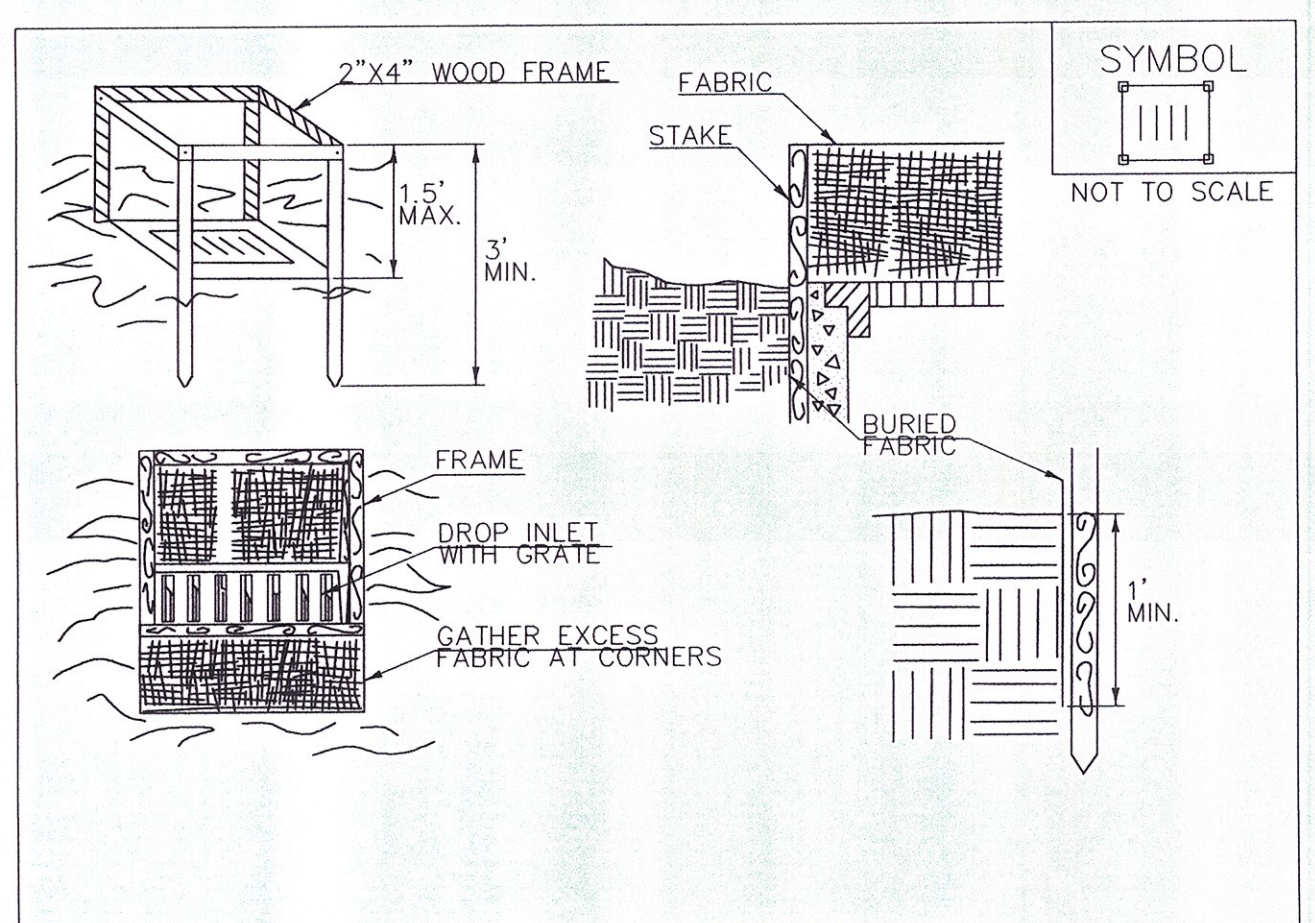


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- NOTES:**
- ALL EXCAVATION MUST MEET OSHA STANDARDS.
 - BEDDING MATERIAL SHALL BE FULL WIDTH OF TRENCH. BEDDING MATERIAL SHALL BE 6" BELOW PIPE (IN EARTH) OR 12" BELOW PIPE (IN LEDGE) UP TO SPRING LINE OF PIPE.
 - PIPE COVER MATERIAL SHALL BE FULL WIDTH OF TRENCH FROM SPRING LINE UP TO 12" (MINIMUM) ABOVE CREST OF PIPE. [PIPE COVER MATERIAL SHALL BE SCREENED SAND] IF REINFORCED CONCRETE PIPE (RCP) IS USED, SAND COVER MATERIAL MAY BE EXCHANGED FOR NON-ORGANIC MATERIAL THAT CONTAINS NO STONES LARGER THAN 3" IN DIAMETER.
 - STORM DRAIN LAYOUT PLAN PIPE SLOPES SHALL GOVERN OVER MINIMUM PIPE SLOPE SCHEDULE.

CULVERT AND STORM DRAIN PIPE TRENCH DETAIL
NOT TO SCALE

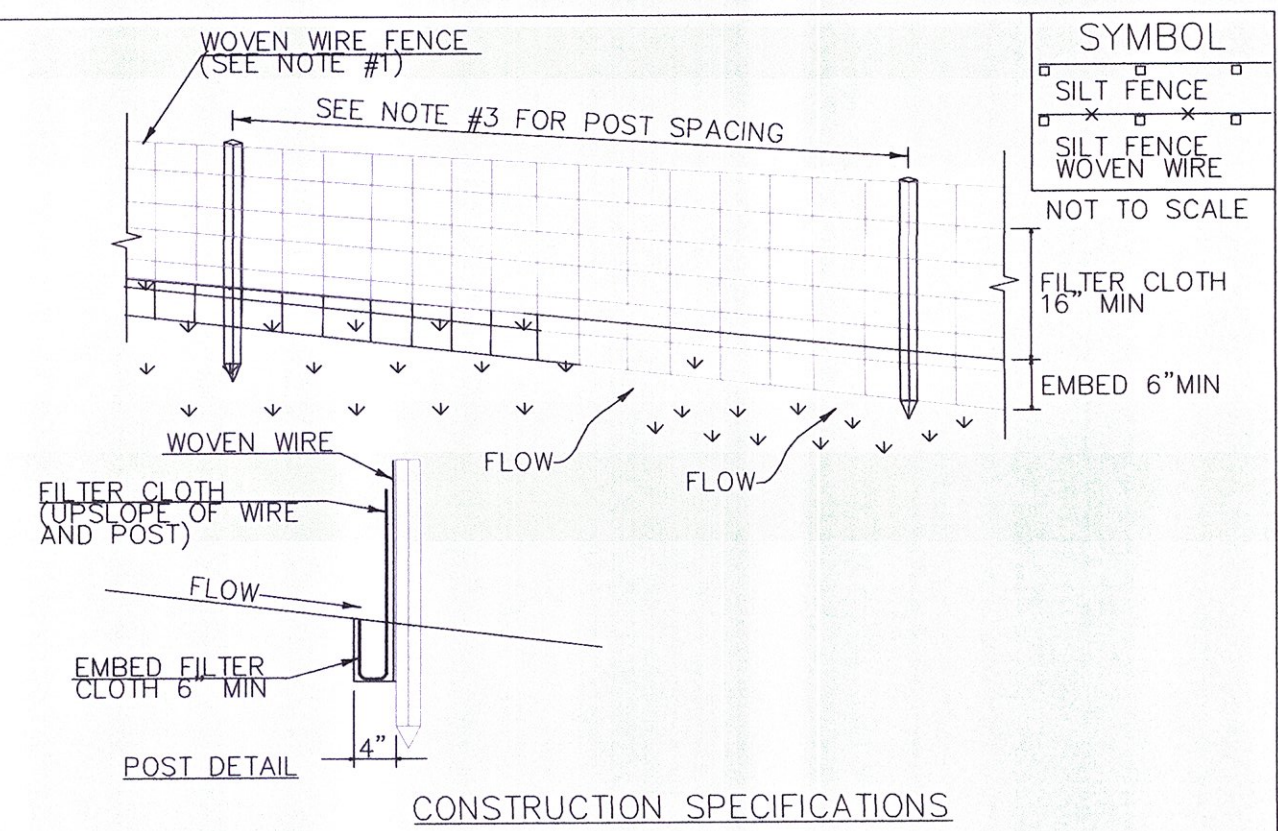


- CONSTRUCTION SPECIFICATIONS**
- FILTER FABRIC SHALL HAVE AN APPARENT OPENING SIZE OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
 - CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
 - STAKE MATERIALS WILL BE STANDARD 2"x 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3'.
 - SPACE STAKES EVENLY AROUND INLET 3' APART AND DRIVE A MINIMUM 18" DEEP. SPANS GREATER THAN 3' MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
 - FABRIC SHALL BE EMBEDDED 1' MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
 - A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.
 - MAXIMUM DRAINAGE AREA 1 ACRE

FILTER FABRIC DROP INLET PROTECTION
ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC ORIGINALLY DEVELOPED BY USDA-NRCS VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006-" FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.
THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 FOR INLET PROTECTION DEVICE, TYPE 1 (PAY ITEM 653.40).

| REVISIONS | DATE | BY |
|------------------|------|----|
| MARCH 7, 2008 | WHF | |
| JANUARY 13, 2009 | WHF | |



- CONSTRUCTION SPECIFICATIONS**
- WOVEN WIRE REINFORCED FENCE IS REQUIRED WITHIN 100' UPSLOPE OF RECEIVING WATERS WHEN THE PROJECT FALLS UNDER A CONSTRUCTION STORMWATER PERMIT. WOVEN WIRE SHALL BE A MIN. 14 GAUGE WITH A 6" MAX. MESH OPENING.
 - FILTER CLOTH SHALL BE EITHER FILTER X, MIRAF1100X, STABILINKA T140N OR APPROVED EQUIVALENT.
 - POST SPACING FOR WIRE-BACKED FENCE SHALL BE 10' MAXIMUM. FOR FILTER CLOTH FENCE WHEN ELONGATION IS <30% POST SPACING SHALL NOT EXCEED 4' AND WHEN ELONGATION IS <30% POST SPACING SHALL NOT EXCEED 6'.
 - WOVEN WIRE FENCE IS TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES. FILTER CLOTH IS TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
 - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY 6" AND FOLDED.
 - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN SEDIMENT REACHES HALF OF FABRIC HEIGHT.

SILT FENCE
ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC ORIGINALLY DEVELOPED BY USDA-NRCS VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006-" FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.
THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 649 AND AS SHOWN IN THE PLANS FOR GEOTEXTILE FOR SILT FENCE (PAY ITEM 649.51) OR GEOTEXTILE FOR SILT FENCE, WOVEN WIRE REINFORCED (PAY ITEM 649.515).

| REVISIONS | DATE | BY |
|-------------------|------|----|
| MARCH 21, 2008 | WHF | |
| DECEMBER 11, 2008 | WHF | |
| JANUARY 13, 2009 | WHF | |

VAOT RURAL AREA MIX

| % WEIGHT | LBS/AC | | NAME | GERM % | PURITY % |
|----------|-----------|-----------|---------------------|--------|----------|
| | BROADCAST | HYDROSEED | | | |
| 37.5% | 22.5 | 45 | CREeping RED FESCUE | 85% | 98% |
| 37.5% | 22.5 | 45 | TALL FESCUE | 90% | 95% |
| 5.0% | 3 | 6 | RED TOP | 90% | 95% |
| 15.0% | 9 | 18 | BIRDSFOOT TREFOIL | 85% | 98% |
| 5.0% | 3 | 6 | ANNUAL RYE GRASS | 85% | 95% |
| 100% | 60 | 120 | | | |

VAOT URBAN AREA MIX

| % WEIGHT | LBS/AC | | NAME | GERM % | PURITY % |
|----------|-----------|-----------|---------------------|--------|----------|
| | BROADCAST | HYDROSEED | | | |
| 42.5% | 34 | 68 | CREeping RED FESCUE | 85% | 98% |
| 10.0% | 8 | 16 | PERENNIAL RYE GRASS | 90% | 95% |
| 42.5% | 34 | 68 | KENTUCKY BLUE GRASS | 85% | 85% |
| 5.0% | 4 | 8 | ANNUAL RYE GRASS | 85% | 95% |
| 100% | 80 | 160 | | | |

SOIL AMENDMENT GUIDANCE

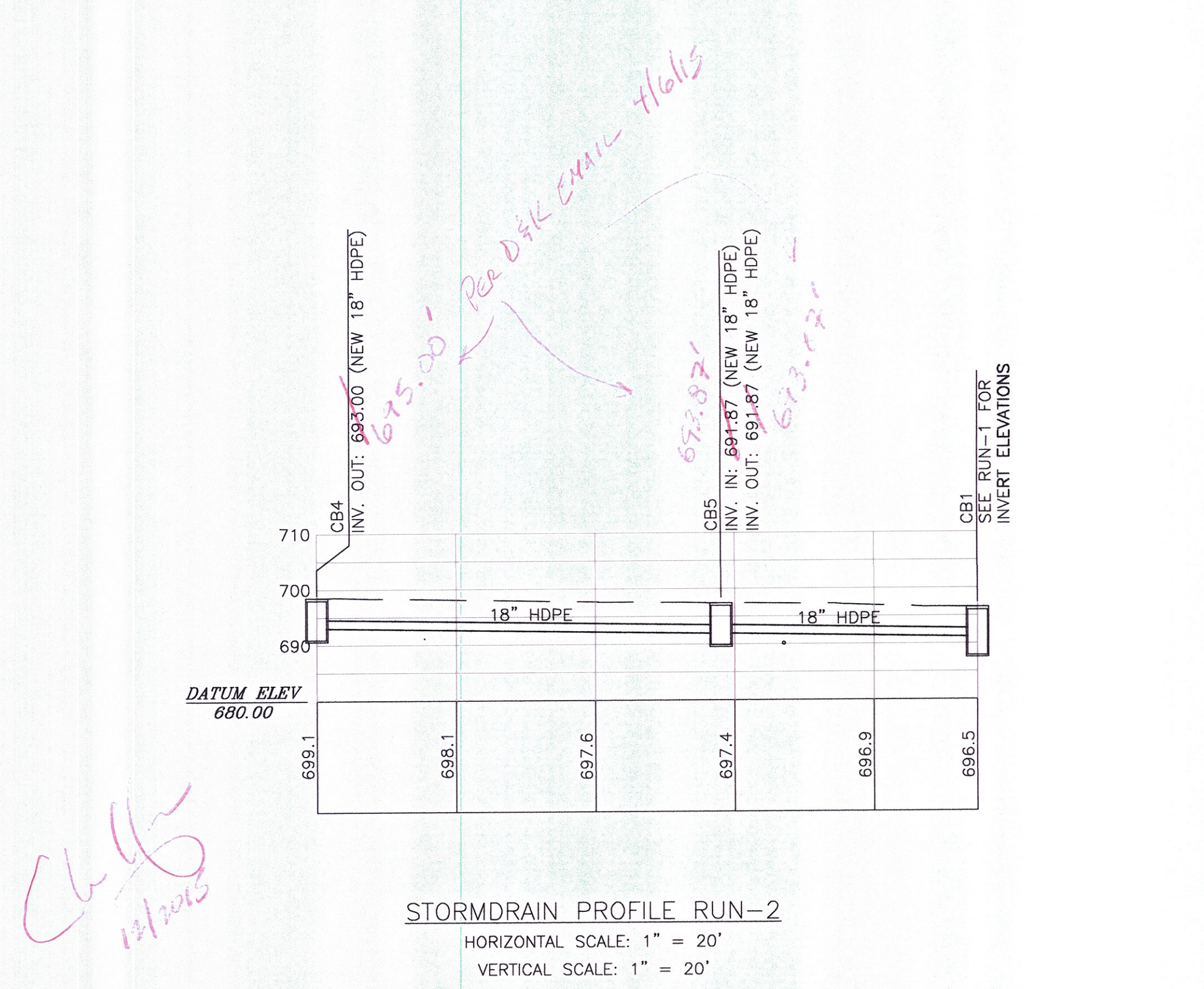
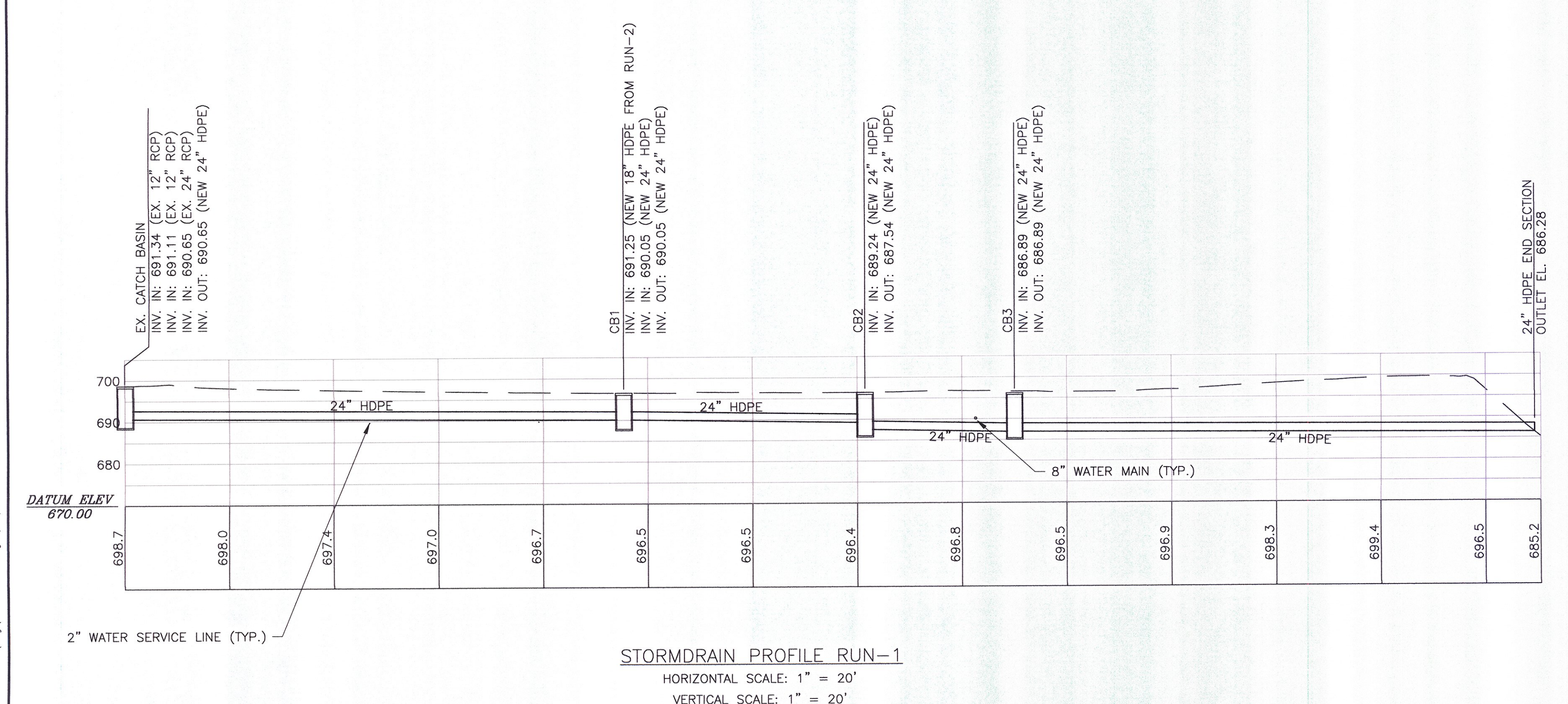
| FERTILIZER | | LIME | |
|------------|--------------|------------|--------------|
| BROADCAST | HYDROSEED | BROADCAST | HYDROSEED |
| 10-20-10 | FOLLOW | PELLETIZED | FOLLOW |
| 500 LBS/AC | MANUFACTURER | 2 TONS/AC | MANUFACTURER |

- CONSTRUCTION GUIDANCE**
- RURAL SEED MIX: USE AS INDICATED IN THE PLANS AND/OR FOR ALL ESTABLISHED UPLAND (NON WETLAND) AREAS DISTURBED BY THE CONTRACTOR.
 - URBAN SEED MIX: USE AS INDICATED IN THE PLANS AND/OR FOR ALL ESTABLISHED LAWN AREAS DISTURBED BY THE CONTRACTOR.
 - ALL SEED MIXTURES: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
 - FERTILIZER AND LIMESTONE: SHALL FOLLOW RATES SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER.
 - HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.
 - TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
 - HYDROSEEDING: ALTHOUGH GUIDANCE IS GIVEN ABOVE THE SITE CONDITIONS AND THE TYPE OF HYDROSEED WILL ULTIMATELY DICTATE THE AMOUNTS AND TYPES OF SOIL AMENDMENTS TO BE APPLIED.
 - TURF ESTABLISHMENT: PLACING SEED, FERTILIZER, LIME AND MULCH PRIOR TO SEPTEMBER 15 AND AFTER APRIL 15 CAN BETTER ENSURE A VIGOROUS GROWTH OF GRASS.

TURF ESTABLISHMENT
ADAPTED FROM VTRANS TECHNICAL LANDSCAPE MANUAL FOR ROADWAYS AND TRANSPORTATION FACILITIES

NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006-" FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

| REVISIONS | DATE | BY |
|-------------------|------|----|
| JUNE 23, 2009 | WHF | |
| JANUARY 15, 2010 | WHF | |
| FEBRUARY 16, 2011 | WHF | |



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BEDFORD, NH
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PROFESSIONAL SEAL

FINAL PLANS

| NO. | DATE | DESCRIPTION | BY | CHK'D |
|-----|------------|---|-----|-------|
| 1 | 10/09/2013 | REMOVED PROPOSED CB#1 FROM SCOPE OF WORK & RENUMBER CBS ACCORDINGLY | ZDC | |

TOWN OF WAITSFIELD
9 BRIDGE STREET
WAITSFIELD, VT

VILLAGE COVERED
BRIDGE REHAB. &
BRIDGE STREET
STORMWATER
IMPROVEMENTS

SHEET TITLE
STORMDRAIN PROFILE AND MISCELLANEOUS DETAILS

| DRAWN BY | DATE |
|------------|---------------|
| ZDC | MAY 2014 |
| CHECKED BY | D&K PROJECT # |
| HLV | 121447 |
| PROJ. ENG. | D&K ARCHIVE # |
| HLV | |

SHEET NUMBER

29
SHEET 29 OF 30