

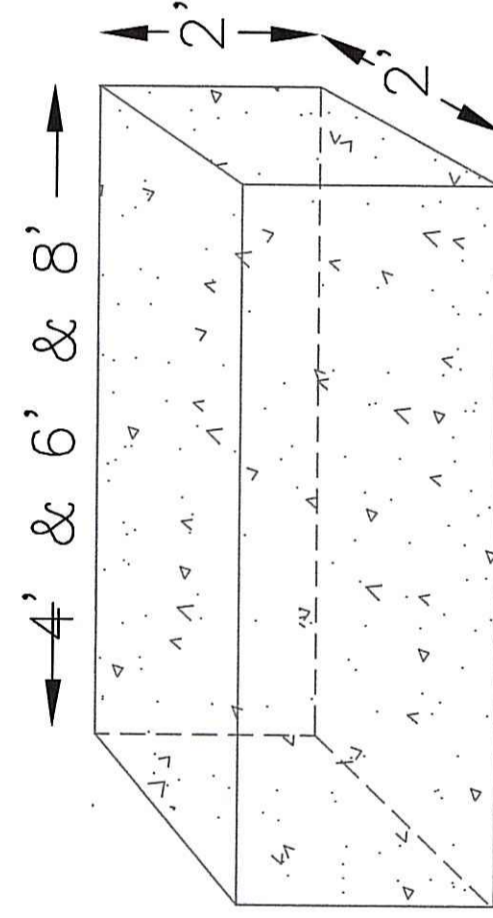
BANK RUN GRAVEL 1FT. DEPTH

ROOFED CONCRETE PAD DETAIL:

NOT TO SCALE

QUANTITIES:

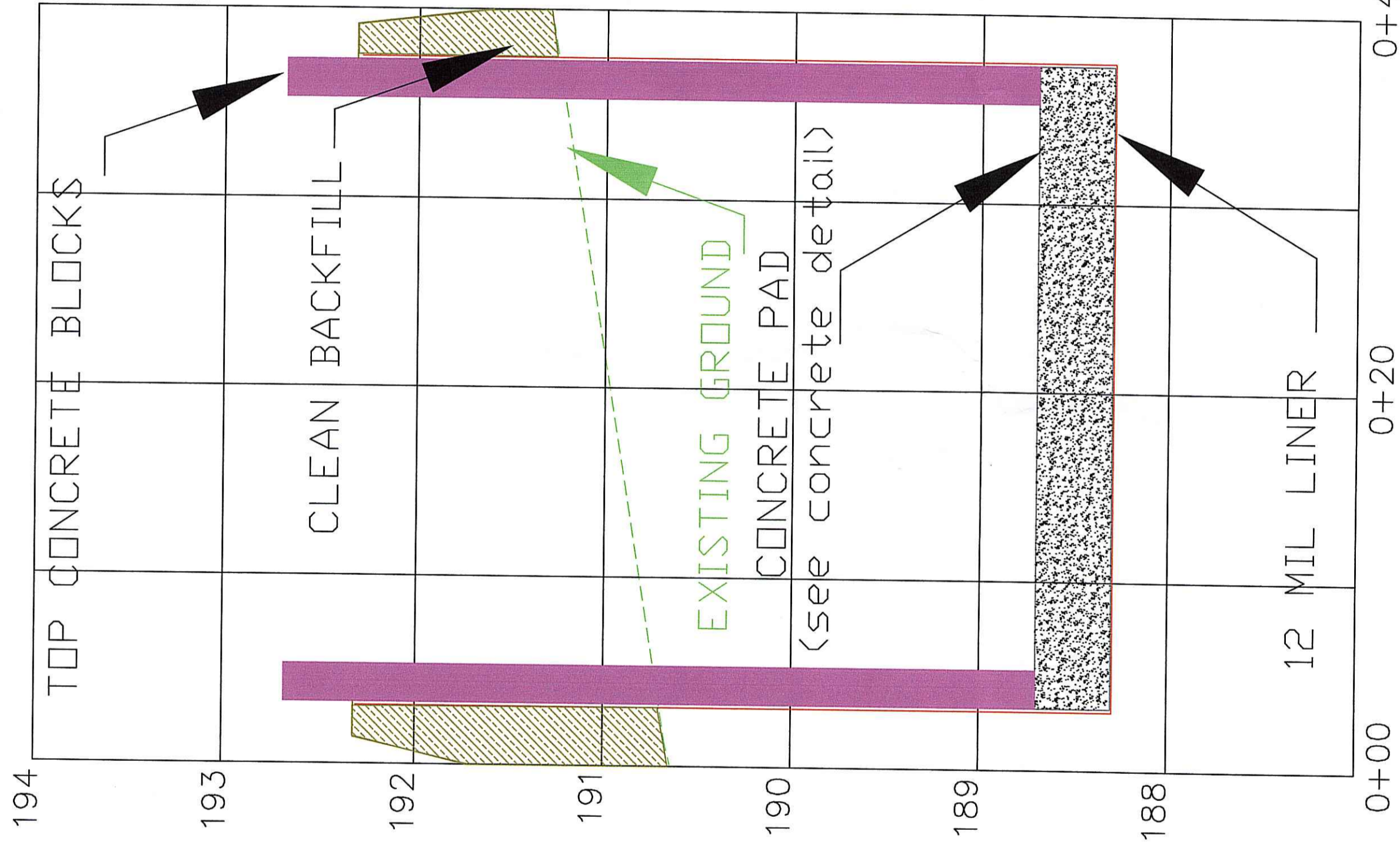
- CONCRETE (4000 PSI) 21 CU. YDS.
- WELDED WIRE MESH (6 GAUGE) 1200 SQ.FT.
- GRAVEL BEDDING 24 CU.YDS.
- LINER (12 MIL.) 1800 SQ.FT.
- SEEDING & MULCHING 6706 SQ.FT.
- BANK RUN GRAVEL 175 CU. YDS.
- STAKED HAYBALES (EROSION CONTROL) 123 LIN FT.
- 2 FT. x 2 FT. x 8 FT. CONCRETE BLOCKS 26 EACH
- 2 FT. x 2 FT. x 6 FT. CONCRETE BLOCKS 4 EACH



CONCRETE BLOCK DETAIL

NOT TO SCALE

GRAVEL GRADATION	% PASSING
1"	100
3/4"	90-100
1/2"	20-55
3/8"	0-20
#4	0-5



DATUM ELEV. 187.00
GROUP quick Section
SECTION COMPOSTING FACILITY D-D

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED AUG 21 2008 FILE # 05-0236
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE USED AT CONSTRUCTION SITE

JUL 30 2008

Note: ALL ROOFS OVER HEAVY USE AREA MUST MEET STATE AND LOCAL BUILDING CODES.

File No. recchia2
Drawings No. NRI-03-06
Sheet 2 of 2



RECCHIA FARM
RUN OFF MANAGEMENT SYSTEM
JOHNSTON, RHODE ISLAND

Date	Prepared	R.L.	12/05
	Drawn	R.L., J.S.	12/05
	Checked	F.V.	1/06
	Approved	F.V.	1/06

CONSTRUCTION NOTES

1. INSTALLATION MATERIALS SHALL MEET THE NATURAL RESOURCES CONSERVATION SERVICE (NRCS) STANDARDS AND SPECIFICATIONS. ANY MODIFICATIONS SHALL BE CLEARLY INDICATED ON THE DRAWINGS AND SHALL BE APPROVED BY NRCS PRIOR TO INSTALLATION.
2. ALL PERMITS NEEDED TO INSTALL AND OPERATE THIS SYSTEM ARE THE RESPONSIBILITY OF THE OWNER AND SHALL BE OBTAINED BEFORE CONSTRUCTION BEGINS.
3. OBTAIN NECESSARY CONSTRUCTION EASEMENTS FROM ADJACENT PROPERTY OWNERS BEFORE CONSTRUCTION TAKES PLACE.
4. CONTACT THE N.R.C.S. RHODE ISLAND STATE OFFICE (401-828-1300) BEFORE ANY CONSTRUCTION TAKES PLACE.
5. NO CONSTRUCTION SHALL TAKE PLACE UNTIL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS ARE INSTALLED (IF SPECIFIED ON PLANS)
6. ANY EXCESS EXCAVATED MATERIAL THAT CANNOT BE USED FOR EARTHFILL SHALL BE DISPOSED OF OUTSIDE OF ANY RIVERBANK OR PERIMETER WETLAND.
7. ANY UNDERGROUND UTILITIES IN THE AREA OF WORK WILL BE MARKED AND LOCATED BY THE UTILITY PRIOR TO CONSTRUCTION. THE OWNER SHALL CONTACT "DIG SAFE" (1-800-344-7233) OR THE APPROPRIATE UTILITY FOR ASSISTANCE AS NEEDED.
8. RESEED ALL DISTURBED AREAS ACCORDING TO THE SEEDING SPECIFICATION.
9. ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI, PLACED 1.5 TO 5 INCH SLABS, OR THICKER, SHALL BE PLACED WITH APPROVED CURING COMPOND, FOR A CURING PERIOD OF 7 DAYS OR COATED WITH APPROVED CURING COMPOND.
10. THE MAXIMUM DISTANCE IN ANY RIGHT ANGLE DIRECTION BETWEEN EXPANSION JOINT SHALL BE 30 FEET. THE 1/2" THICK, PREFORMED BITUMINOUS, SPONGE RUBBER, CORK OR SELF EXPANDING CORK IS AS DESCRIBED IN ASTM D944 OR D1752.
11. STEEL REINFORCEMENT MUST BE PLACED IN SLAB AS SHOWN ON PLANS.
12. THE 6 MIL POLYETHYLENE MUST BE PLACED ON A SMOOTH BEDDED SURFACE. N.R.C.S. MUST BE NOTIFIED OF THE MATERIAL AND ITS SOURCE BEING USED AND MUST BE ON SITE WHEN INSTALLED.
13. GRAVEL BELOW THE CONCRETE PAD MUST BE WELL COMPACTED WITH A PLATE, COMPACTOR OR EQUIVALENT.
14. GRAVEL MUST MEET GRADATION CHART ON SHEET 2, AS APPROVED BY THE ENGINEER.
15. ALL VOIDS (JOINTS) IN CONCRETE SHALL BE PATCHED WITH GROUT.
16. ALL EARTHFILL MATERIAL SHALL CONTAIN NO SOD, BRUSH, ROOTS OR OTHER PERISHABLE MATERIALS. EARTH EMBANKMENTS SHALL CONTAIN NO STONES OR ROCKS PARTICLES OVER 6 INCHES IN DIAMETER. BACKFILL MATERIAL WITHIN 2 FEET OF ANY STRUCTURE OR PIPE SHALL HAVE NO PARTICLES LARGER THAN 3 INCHES IN DIAMETER. BACKFILL AROUND STRUCTURES AND PIPES SHALL BE PLACED IN LAYERS NOT EXCEEDING 18 INCHES IN THICKNESS. ANY SHALL BE BROUGHT UP UNIFORMLY AROUND THE STRUCTURE. THIS BACKFILL SHALL BE COMPACTED TO THE SAME DENSITY AS THE UNDERLYING MATERIAL. TAMPER OR PLATE VIBRATORS, HEAVY EQUIPMENT SHOULD BE KEPT A SAFE DISTANCE WITHIN OR OVER ANY STRUCTURE OR PIPE SO AS TO NOT TO CAUSE ANY STRUCTURAL DAMAGE.
17. MINIMUM LAP FOR WELDED WIRE FABRIC IS 8 INCHES. (6 GAUGE)

SEEDING SPECIFICATION:

1. LIME AND FERTILIZE AT THE FOLLOWING RATES:
90 LBS. LIME/1,000 SQ. FT.
11 LBS. 10-20-20/ 1,000 SQ. FT.
2. BROADCAST WITH HAND HELD SPREADER
3. SEED ALL DISTURBED AREAS TO THE FOLLOWING MIX:
SEED MIX
LBS./ACRE
RED FESCUE (PENN LAWN) 40
PERENNIAL RYE GRASS 10
(IMPROVED TURF TYPE)
BERBERIS (EXETER) 5
BIRDSFOOT TROUSERS (LAWS) 5
SWITCHGRASS (TRAILBLAZER) 20
4. ORGANIC FERTILIZER MAY BE USED IN LIEU OF COMMERCIAL FERTILIZER.
5. APPLY MULCH TO COVER 75% OF THE GROUND SURFACE.
6. SEEDING DATES: APRIL 1 TO JUNE 15TH OR AUGUST 15TH TO SEPTEMBER 30TH.