

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP
CHITTENDEN COUNTY,
VERMONT
 (ALL JURISDICTIONS)

PANEL 292 OF 500
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

COMMUNITIES:

COMMUNITY	NUMBER	SCALE	SUFFIX
JERICHO, TOWN OF	500032	0292	0
RICHMOND, TOWN OF	500040	0292	0
WILLISTON, TOWN OF	500043	0292	0

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
50007C0292D
EFFECTIVE DATE
JULY 18, 2011

Federal Emergency Management Agency



HAZARD CLASS
LOW

JOB CLASS
VI

RIVERSIDE FARM
 WASTE STORAGE STRUCTURE
 NFIP PLAN VIEW

File Name

Drawing Name
VT04122013CHI

Sheet 1 of 6

Date 4/13

Designed TATE, JEFFREY

Drawn Tkl

Checked

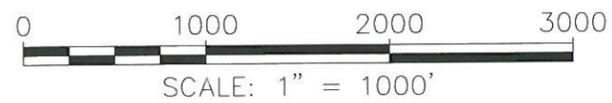
Approved by

VERMONT

RICHMOND



PROPERTY LINES AND TOWN BOUNDARIES
 FROM VT VCGI CADASTRAL BOUNDARIES;
 WILLISTON '10
 RICHMOND '08



HAZARD CLASS
LOW

JOB CLASS
VI

RIVERSIDE FARM
 WASTE STORAGE STRUCTURES
 PROPERTY LINES

VERMONT

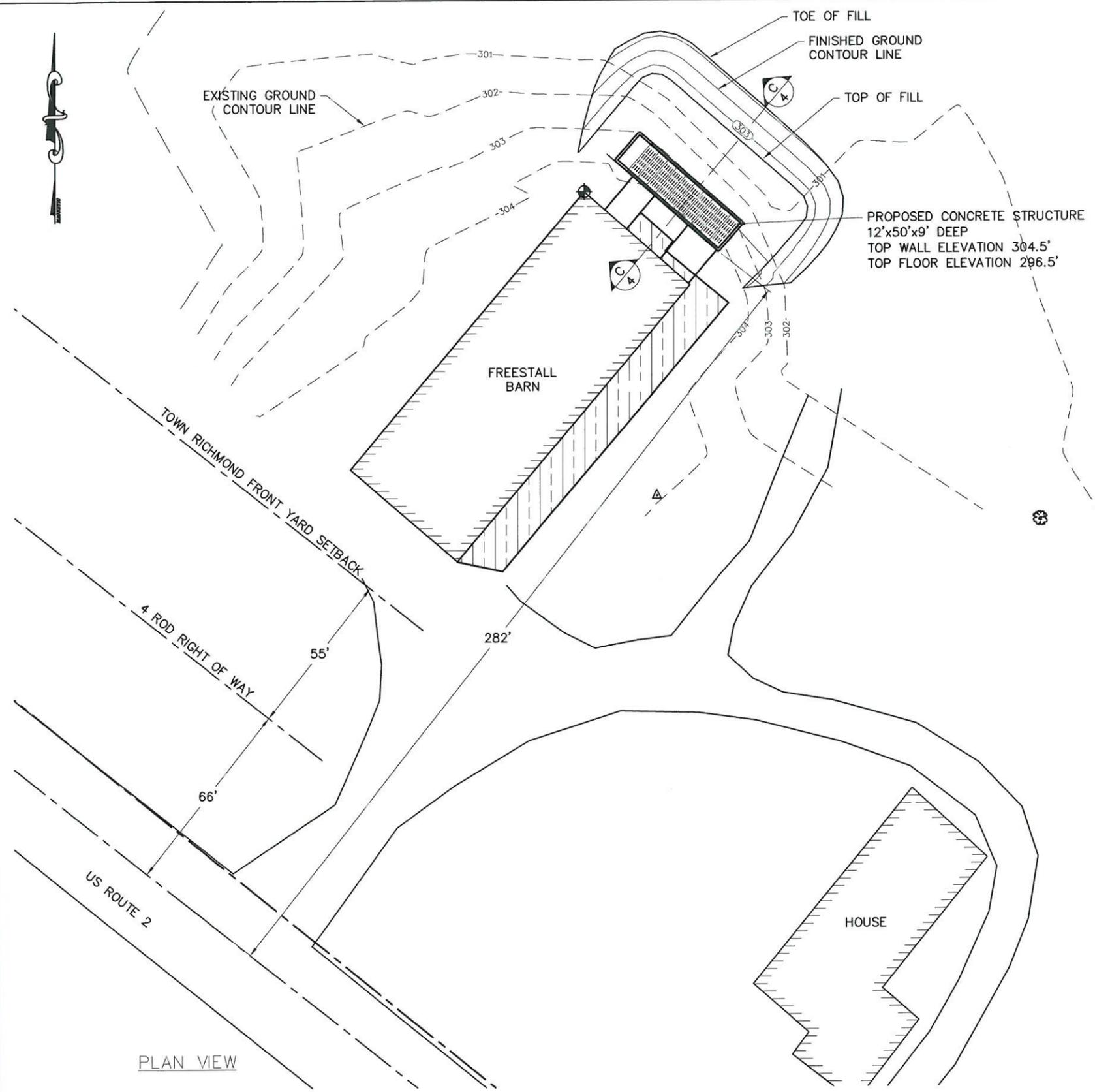
RICHMOND

File Name

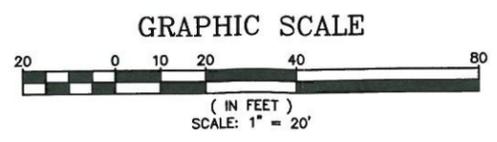
Drawing Name
 VT04122013CHI

Sheet 2 of 6

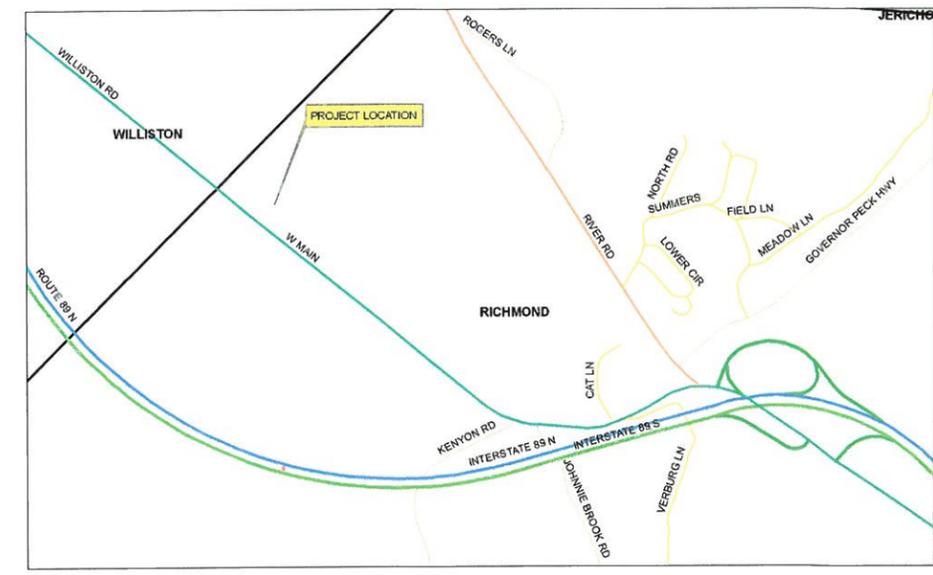
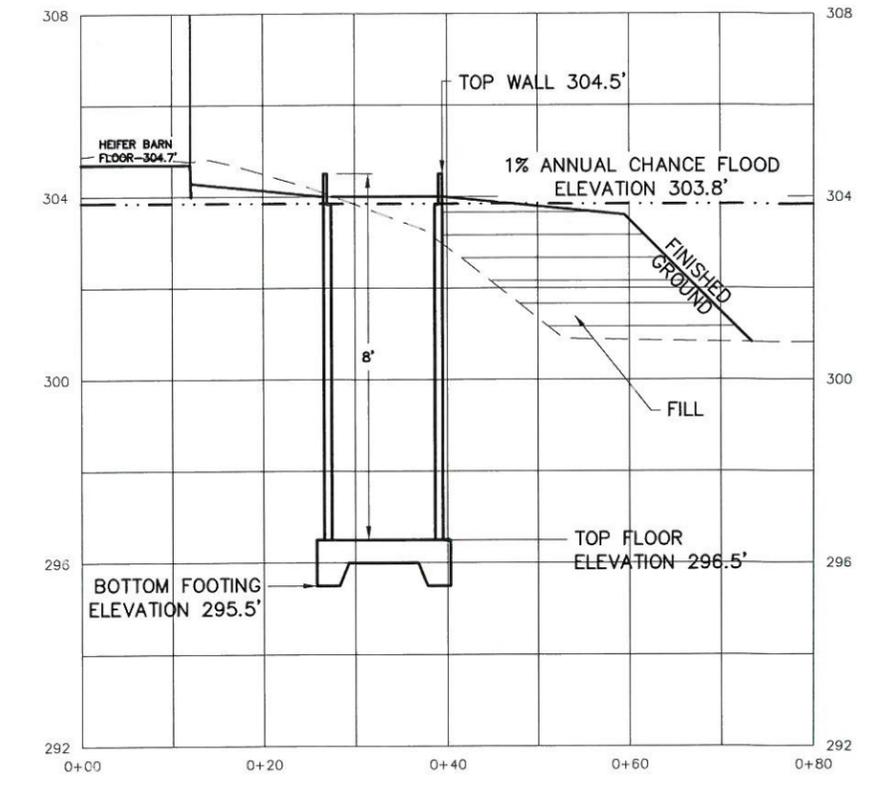
Designed TATE, JEFFREY Date 4/13
 Drawn TKJ
 Checked _____
 Approved by _____



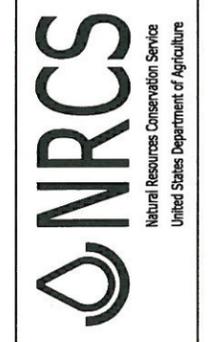
- LEGEND:
- BENCHMARK NAVD 88
 - SPOT ELEVATION
 - UTILITY POLE
 - SURVEY STATION
 - TREE LINE



CONSTRUCTION INSPECTION ITEMS FOR THIS DESIGN ARE CONTAINED IN "GUIDE FOR DESIGN AND CONSTRUCTION OF CONSERVATION PRACTICES."



Date	4/13
Designed	TATE, JEFFREY
Drawn	TKJ
Checked	
Approved by	

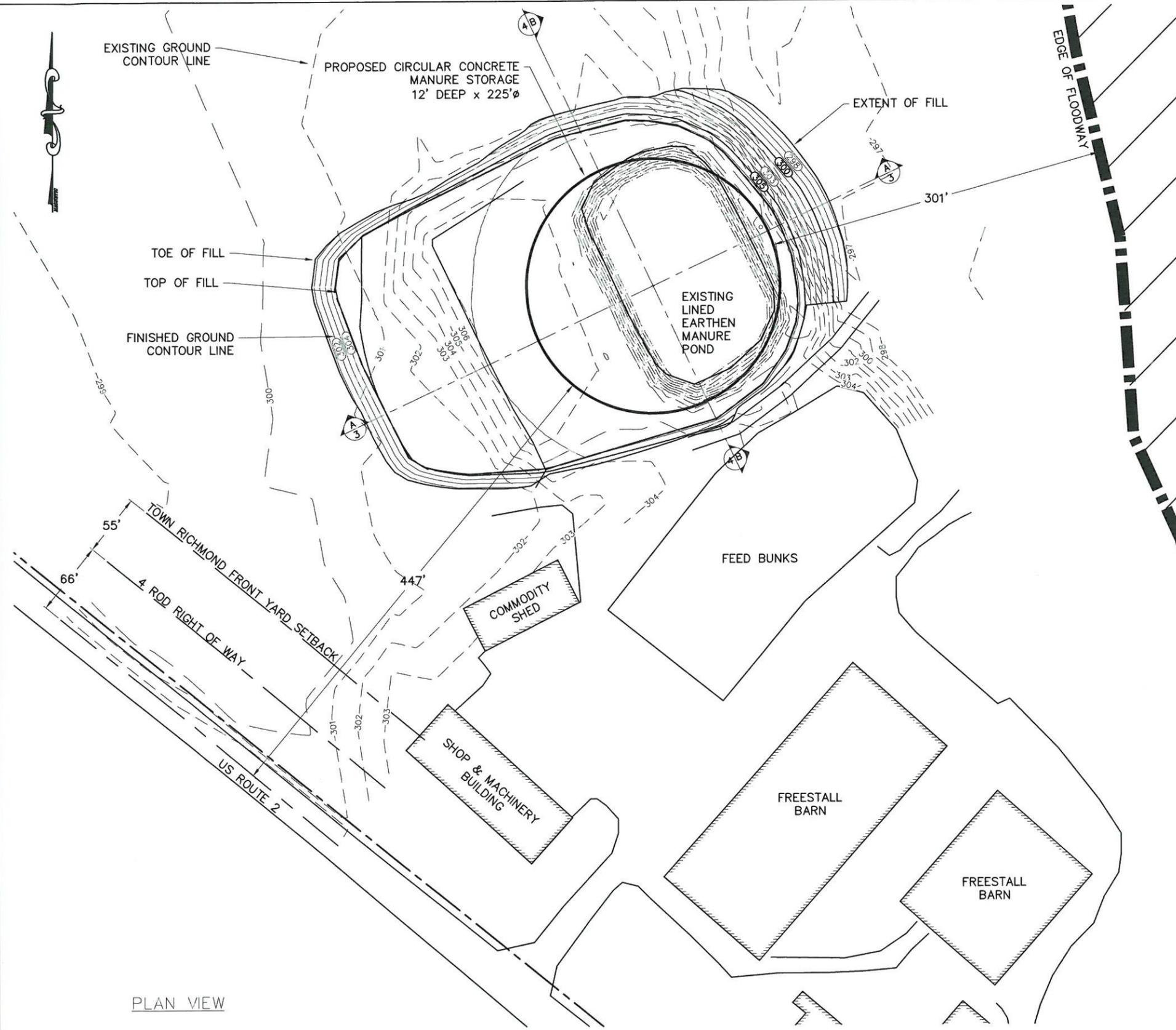


HAZARD CLASS	LOW
JOB CLASS	VI

RIVERSIDE FARM - HEIFER BARN
RECTANGULAR WASTE STORAGE STRUCTURE
PLAN & SECTION VIEWS

VERMONT
RICHMOND

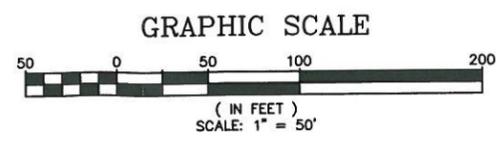
File Name	
Drawing Name	VT04122013CHI
Sheet	3 of 6



PLAN VIEW

CONSTRUCTION INSPECTION ITEMS FOR THIS DESIGN ARE CONTAINED IN "GUIDE FOR DESIGN AND CONSTRUCTION OF CONSERVATION PRACTICES."

- LEGEND:
- BENCHMARK NAVD 88
 - SPOT ELEVATION
 - UTILITY POLE
 - SURVEY STATION
 - TREE LINE



THE USDA, NATURAL RESOURCES CONSERVATION SERVICE MAKES NO REPRESENTATION AS TO THE LOCATION OR EXISTENCE OF PUBLIC OR PRIVATE UTILITIES IN THE VICINITY OF INVESTIGATIONS OR CONSTRUCTION OPERATION CONDUCTED THROUGH ITS PROGRAMS.

THE USDA, NATURAL RESOURCES CONSERVATION SERVICE WILL NOT BE HELD RESPONSIBLE FOR DAMAGE TO UTILITIES AND ACCIDENTS INVOLVING UTILITIES THAT OCCUR DURING THE INVESTIGATION OR CONSTRUCTION OPERATIONS.

IF YOU KNOW OF THE EXISTENCE OF UNDERGROUND UTILITIES IN THE VICINITY OF THE PROPOSED WORK AREA PLEASE INFORM USDA, NATURAL RESOURCES CONSERVATION SERVICE SO THAT APPROPRIATE ACTION CAN BE IMPLEMENTED.



NO.	DATE	DESCRIPTION	BY
1	5-6-13	PRELIMINARY DESIGN	TKJ

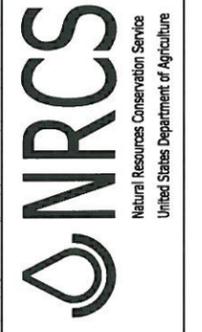
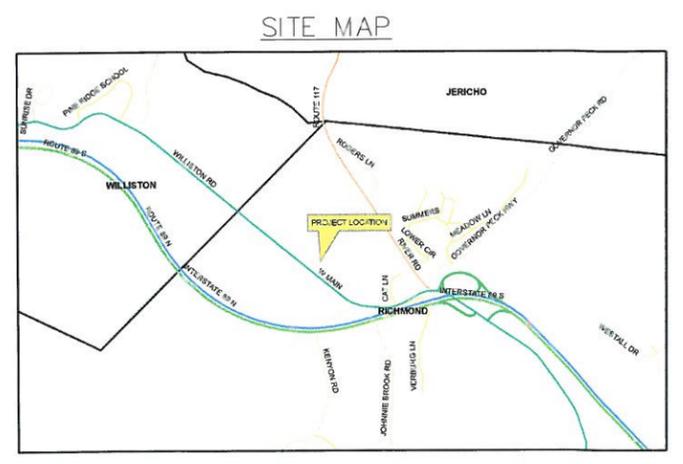
Date 4/13
 Designed TATE, JEFFREY
 Drawn TKJ
 Checked
 Approved by

**NOTE - THIS MANURE STORAGE STRUCTURE REQUIRES A FLOODPLAIN PERMIT AND A STORMWATER DISCHARGE PERMIT

**NOTE - SEVERAL TESTPITS SHALL BE DUG IN THE AREA OF THE AREA OF THE MANURE POND TO A DEPTH OF AT LEAST 2 FEET BELOW THE PLANNED BOTTOM BEFORE CONSTRUCTION BEGINS.

CONSTRUCTION NOTES

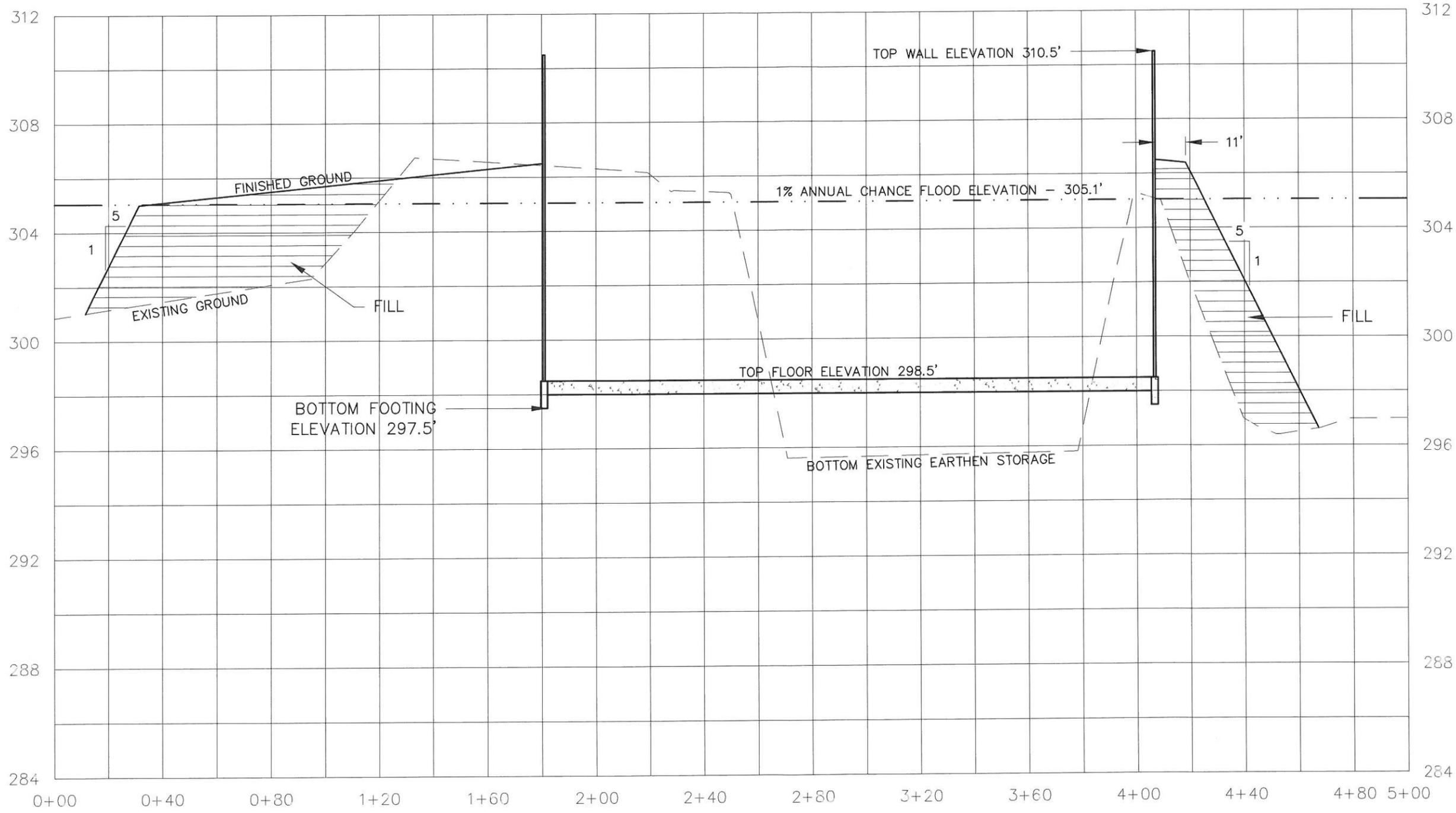
1. ALL ITEMS SHALL BE CONSTRUCTED TO THE DIMENSIONS AND ELEVATIONS SHOWN ON THE DRAWINGS. ANY CHANGES SHALL BE APPROVED BY THE NRCS REPRESENTATIVE ON SITE.
2. IT IS THE EXCAVATION CONTRACTORS RESPONSIBILITY TO CALL "DIG SAFE" AND TO COMPLY WITH ALL VERMONT LAWS AND REGULATIONS REGARDING THE LOCATION AND WORK AROUND UNDERGROUND UTILITIES. DIG SAFE 1-888-344-7233
3. SILT FENCE SHALL BE INSTALL BELOW MANURE POND LOCATION PRIOR TO CONSTRUCTION.
4. CONSTRUCT DIVERSION AS STAKED TO DIMENSIONS SHOWN ON DRAWINGS. INSTALL EROSION NETTING IN THE CENTER OF THE DIVERSION. IT SHALL OUTLET IN A SAFE, NON EROSION MANNER.
5. THE STAKED AREA SHALL BE STRIPPED OF TOPSOIL AND STOCKPILED FOR LATER USE. THE AREA SHALL ALSO BE CLEARED OF ALL DEBRIS, MANURE, AND OTHER ORGANIC MATERIAL PRIOR TO THE START OF CONSTRUCTION.
6. EMBANKMENT SHALL BE CONSTRUCTED OF 12" LOOSE LIFTS COMPACTED BY 2-3 PASSES BY A TRACKED BULLDOZER AS A MINIMUM. EACH PASS SHALL CONSIST OF THE TRACKS PASSING OVER THE ENTIRE WIDTH OF THE LIFT.
7. EMBANKMENT FILL MATERIAL SHALL NOT CONTAIN ANY FROZEN MATERIAL, DEBRIS OR ANY ORGANIC MATERIAL.
8. AREA WHERE CONCRETE PUMP RAMP IS TO BE INSTALLED SHALL BE OVER EXCAVATED SO FINISHED CONCRETE SURFACE IS FLUSH WITH ADJACENT GROUND.
9. ALL EARTHFILL THAT SHALL HAVE CONCRETE PLACED ON IT SHALL BE CLASS C COMPACTION AS SPECIFIED IN CONSTRUCTION SPECIFICATION #11, "EARTHWORK".
10. AS A MIN. INSTALL THE LAST 100' OF MANURE PIPE BEFORE COMPLETION OF POND. MANURE PIPE SHALL ENTER THE MANURE POND APPROXIMATELY 1.0' OFF THE BOTTOM. CONCRETE HEADWALL SHALL BE INSTALLED AS SHOWN IN THE DRAWINGS.
11. ALL DISTURBED AREAS SHALL BE FERTILIZED, SEEDED AND MULCHED IN ACCORDANCE WITH VT CONSTRUCTION SPECIFICATION #52.
12. A PERMANENT STURDY FENCE SHALL BE CONSTRUCTED AROUND THE MANURE POND. IT SHALL BE 6 STRAND HIGH TENSILE, 5 STRAND BARBED WIRE OR 4' HIGH CHAIN LINK. IT SHALL HAVE WARNING SIGNS AS SPECIFIED IN THE DRAWINGS.
13. PIPE GATES SHALL BE SECURELY HUNG AT ALL OPENINGS WITH A MINIMUM OF ONE WARNING SIGN PER OPENING.
14. INSTALL GRAVEL COMPOST PAD TO THE ELVATIONS SHOWN. ENSURE SURFACE RUNOFF FLOWS DOWN PUMP PAD RAMP AND NOT DOWN THE SLOPE OF THE MANURE POND. PUMP PAD RAMP CAN BE PLACED SLIGHTLY CONCAVE TO ENSURE RUNOFF STAYS ON CONCRETE.
15. INSTALL ACCESS ROAD AND DRAINAGE DITCH AS SHOWN. ENSURE RUNOFF IN DRAINAGE DITCH REACHES THE CULVERT AND IS CONVEYED TO A SAFE OUTLET.
16. REMOVE ALL SILT FENCE ONCE AREA HAS A WELL ESTABLISHED SOD. DISPOSE OF SILT FENCE IN AN APPROPRIATE MANNER.



HAZARD CLASS LOW
 JOB CLASS VI

RIVERSIDE FARM - MAIN FARMSTEAD
 CIRCULAR WASTE STORAGE STRUCTURE
 PLAN VIEW

File Name
 Drawing Name VT04122013CHI
 Sheet 4 of 6



(A/2) SECTION ALIGNMENT - MANURE POND WEST TO EAST

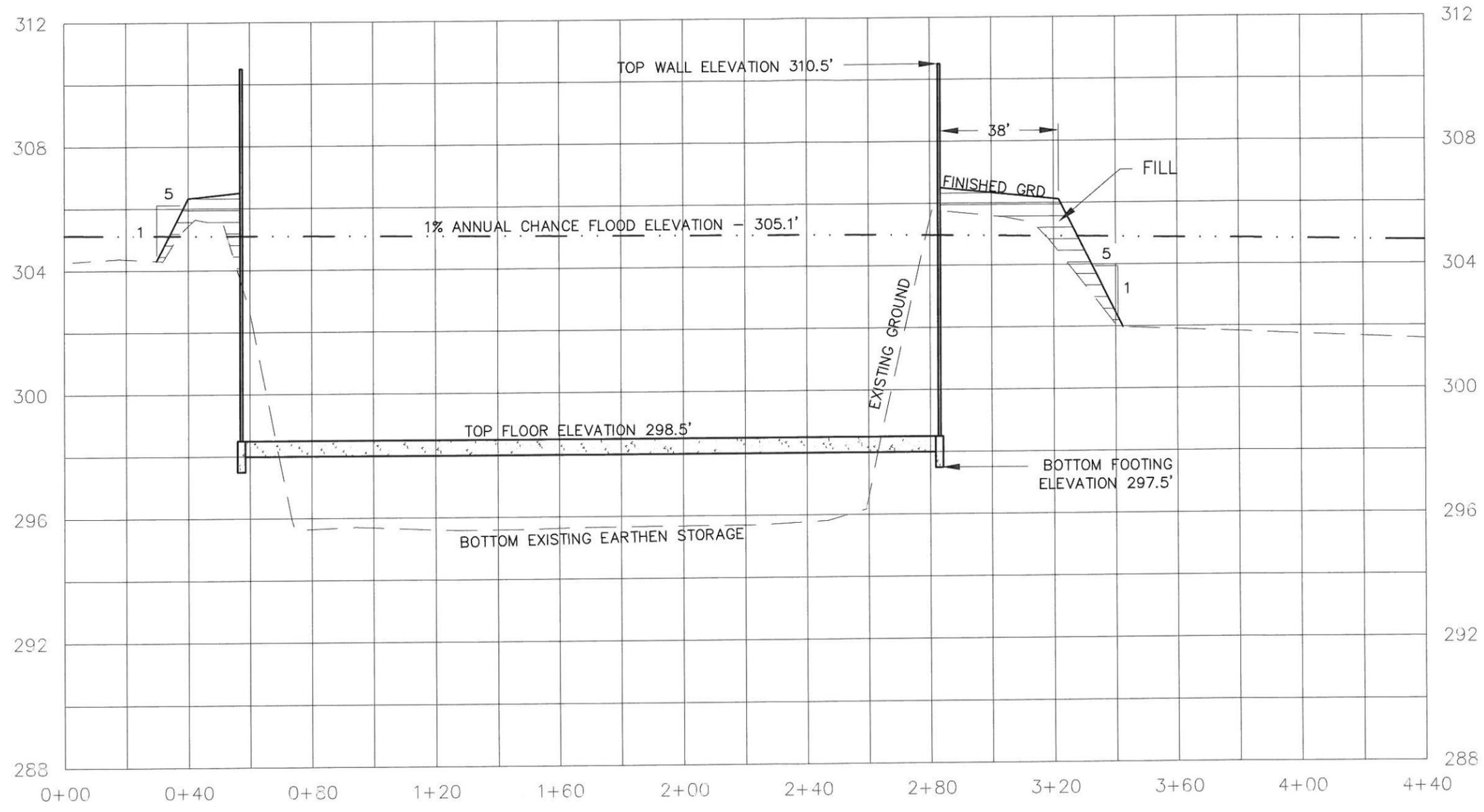
Date 4/13
 Designed TATE, JEFFREY
 Drawn TKJ
 Checked
 Approved by



HAZARD CLASS LOW
 JOB CLASS VI

RIVERSIDE FARM - MAIN FARMSTEAD
 CIRCULAR WASTE STORAGE STRUCTURE
 CROSS SECTIONS
 RICHMOND VERMONT

File Name
 Drawing Name VT04122013CHI
 Sheet 5 of 6



B
2 SECTION ALIGNMENT – MANURE POND SOUTH TO NORTH

Date 4/13
 Designed TATE, JEFFREY
 Drawn TKJ
 Checked
 Approved by



HAZARD CLASS LOW
 JOB CLASS VI

RIVERSIDE FARM – MAIN FARMSTEAD
 CIRCULAR WASTE STORAGE STRUCTURE
 CROSS SECTIONS
 VERMONT
 RICHMOND

File Name
 Drawing Name VT04122013CHI
 Sheet 6 of 6