



PLANNERS • ARCHITECTS
ENGINEERS • SURVEYORS

1208 Corporate Circle
Roanoke, Virginia 24018
Phone: 540/981-4581
FAX: 540/772-8050

501 Bancroft Road
Roanoke, Virginia 24098
Phone: 540/981-4581
FAX: 540/981-4581

880 Technology Park Drive
Suite 200
Roanoke, Virginia 24098
Phone: 540/981-4581
FAX: 540/981-4581

448 Parkway Plaza, Suite 100
Charlottesville, Virginia 22903
Phone: 540/981-4581
FAX: 540/981-4581

1527 Commerce Road
Suite 201
Roanoke, Virginia 24098
Phone: 540/981-4581
FAX: 540/981-4581

MOUNTAIN VIEW
SUBDIVISION
SWM POND IMPROVEMENTS
ROANOKE COUNTY, VIRGINIA

DRAWN BY: JVV

DESIGNED BY: JVV

CHECKED BY: SMH

DATE: 05/09/2006

REVISIONS:

10/09/2006
01/19/2007
02/21/2007
05/29/2008
01/29/2014

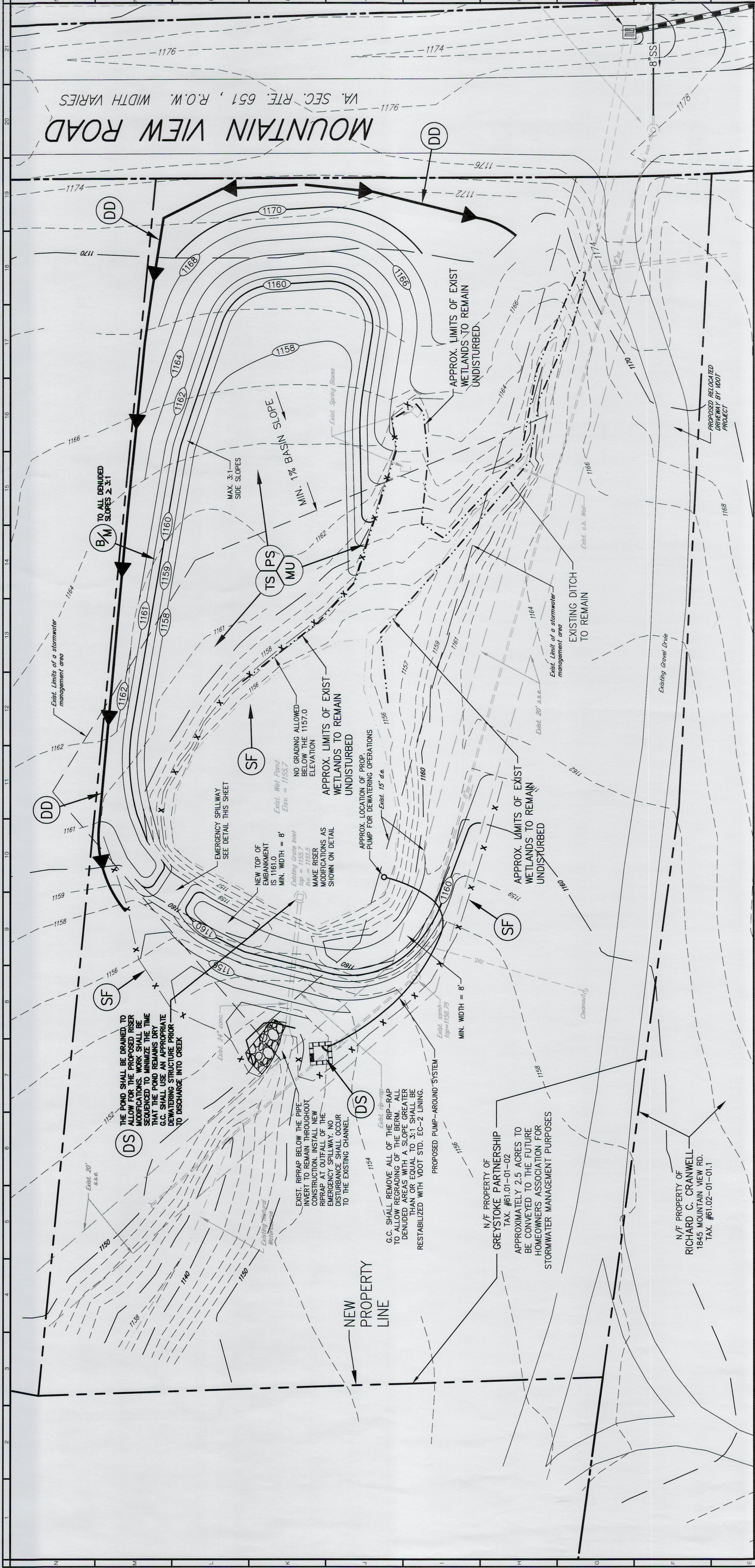
SCALE: 1"=20'

SHEET NO.

C-13

JOB NO.

R0600065.02



NOTE:
THE G.C. SHALL ENSURE THAT NO DISTURBANCE OCCURS WITHIN THE EXISTING WETLANDS AS SHOWN ON THIS PLAN. THE LIMITS OF THE EXISTING WETLANDS SHALL BE STAKED OR FLAGGED PRIOR TO ANY DISTURBANCE IN THIS AREA.

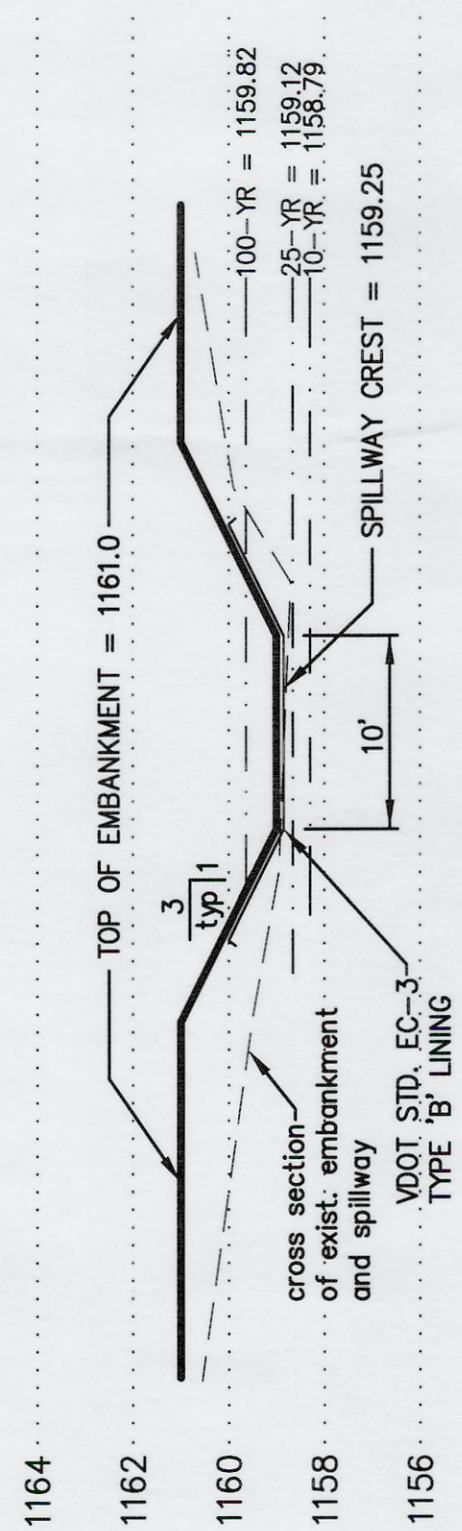
THE EXISTING POND SHALL BE DRAINED TO ALLOW FOR THE PROPOSED RISER MODIFICATIONS. G.C. SHALL ENSURE THAT APPROPRIATE DEWATERING STRUCTURE IS INSTALLED AS SHOWN ON THIS PLAN. THIS WORK SHALL BE SEQUENCED TO MINIMIZE THE AMOUNT OF TIME THAT THE POND REMAINS DRY. THE G.C. SHALL ENSURE THAT ALL LOOSE SEDIMENT IS REMOVED FROM THE POND PRIOR TO ALLOWING THE POND TO RE-FILL.

VDOT SEQUENCING NOTES:
GENERAL CONTRACTOR SHALL BE ADVISED THAT AT THE TIME OF THE PREPARATION AND APPROVAL OF THESE CONSTRUCTION PLANS, THAT ROUTE 651 IS UNDER RECONSTRUCTION. CONSTRUCTION OF THIS DEVELOPMENT MUST NOT INTERFERE IN ANY MANNER WITH THE VDOT ROADWAY PROJECT FOR ROUTE 651, 0651-080-305, CS01.

IF CONSTRUCTION FOR THIS DEVELOPMENT OCCURS CONCURRENTLY WITH THE VDOT PROJECT, IT IS ADVISED THAT THE DEVELOPER AND/OR THEIR CONTRACTOR COORDINATE CLOSELY AND FREQUENTLY WITH THE VDOT CONTRACTOR AND VDOT STAFF IN ORDER TO LESSEN THE CHANCE OF CONFLICTS.

THIS RECONSTRUCTION MAY HAVE FIELD CHANGES THAT MAY ALTER THE ALIGNMENTS, SLOPES, ETC BASED ON CONDITIONS ENCOUNTERED DURING CONSTRUCTION. THESE CHANGES MAY REQUIRE CHANGES ON THESE CONSTRUCTION PLANS. ANY FIELD CHANGES REQUIRED FROM THESE PLANS DUE TO THE FINAL CONSTRUCTION OF ROUTE 651 SHALL BE SUBMITTED TO THE SALEM RESIDENCY FOR APPROVAL PRIOR TO CONSTRUCTING THE CHANGES.

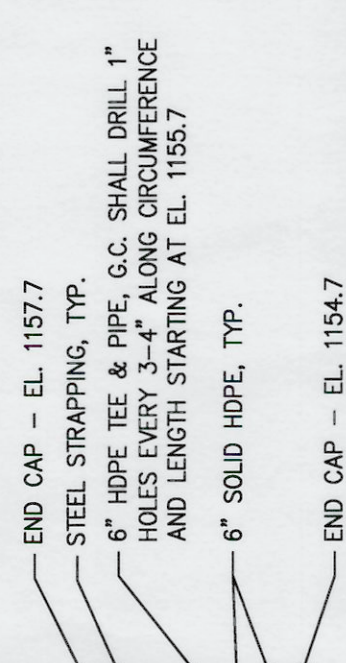
THE DEVELOPER OF THIS DEVELOPMENT IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH UPGRADING THE CROSS CULVERT UNDER ROUTE 651 (STRUCTURE 4-2) FROM A 36" TO A 42" AND WITH EXTENDING THE SANITARY SEWER PIPING FROM THE EXISTING MANHOLE TO THE RIGHT-OF-WAY LIMITS.



SPILLWAY DETAIL
SCALE: 1"=10' (Horz)
1"=4' (Vert)

PREMANUFACTURED TRASH RACK, SEE DETAIL THIS SHEET FOR A PYD-48 AS PROVIDED BY PLASTIC SOLUTIONS, INC. ALTERNATIVES MAY BE USED AS APPROVED BY THE DESIGN ENGINEER. INSTALLATION OF TRASH RACK SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

SWM ROUTED ELEV'S
- - - - - 25-YR WSE = 1159.12
- - - - - 10-YR WSE = 1156.79



**NOTE: G.C. TO VERIFY RISER SIZE AND ALL ELEVATIONS IN THE FIELD PRIOR TO CONSTRUCTION.

Exist. 48" Conc. Riser
Top = 1155.7
Inv. = 1151.5
NEW TOP=1157.7

Exist. 24" Conc. Pipe

PERMANENT SWM RISER DETAIL
NO SCALE