

SAWCUT & REMOVE EXISTING
CUL-DE-SAC. MATCH NEW
PAVEMENT TO EXISTING
STREET

SEDIMENTATION
POND (TYP)
TOP 932.0
BTM 928.0
5:1 SIDE SLOPES

INSTALL OUTLET
CONTROL WEIR
(SEE DETAIL)
15'x15' CLASS 2
RANDOM RIPRAP
W/FILTER FABRIC

INSTALL 89 LF 12" CMP
CULVERT W/APRONS
IE 930.9 W/
IE 930.0 E

32 LF 12" RCP
@ 1.00%
EMERGENCY
OVERFLOW
932.6

12" RC APRON
LIP IE 928.50
W/2.9 CY TYPE II
RANDOM RIPRAP

EMERGENCY
OVERFLOW
931.0

① ROADWAY TO HAVE A
MINIMUM OF 5 FEET
OF FLAT AREA BEHIND
BERM PRIOR TO SLOPING
INTO THE WETLAND

APPROVED

5/10/01 *Handwritten signature*
Howard R. Green Co.
REVISIONS TO LOTS
2, 3 & 4, B&C
DEVELOPMENT PLAN
WHITETAIL RIDGE

LOT 2
HAS A LOW
RETAINING
WALL OR
STEPS IN
FRONT

APPROVED

5/10/01 *Handwritten signature*
Howard R. Green Co.
REVISIONS TO LOTS
2, 3 & 4, B&C
GRADING PLAN
WHITETAIL RIDGE

LEGEND

- 892 Existing Contours
898 Proposed contours
Silt fence
Haybale Checks
Possible House Pad Location
Possible Well Location
Proposed Storm Sewer
Soil Pit
FEMA 100 Year Flood Line
Wetland Delineation by Aquatic
Ecosolutions, Inc. 12/99
Future Roadway to be Removed

SITE GRADING.

DIRECTION OF FLOW

1" STOP" FABRIC STAPLED
TAKES

TAMPED

MINIMUM

PROPOSED
EMBANKMENT

FINISHED E. GRADE

2-10% SLOPE

3-1 SLOPE TO
MATCH EXISTING

FORMED WITH
ATTACHED TO
1. WHEN BITUMINOUS
COARSE IS PLACED

5" CLASS 5 AGGREGATE BASE
COMPACTED SUBGRADE

12" 8"

MATCH TOP OF BERM
TO TOP OF CASTING

DOWN TRANSITION

FLOW LINE TRANSITION

BERM PLACEMENT AT CATCH BASIN

ALIGN WITH BACK
OF CASTING

STREET SECTION WITH INTEGRAL BITUMINOUS BERM

STORM SEWER SCHEDULE

STRUCTURE	SIZE	CASTING	RE	IE
CB 101	24x36	R3067V	937.65	934.65
MH 102	24x36	R3067V	937.65	934.33
MH 103	48"Ø	R3067V	938.60	928.60
MH 104	48"Ø	R1733	928.00	924.70
CB 105	24x36	R3067V	932.56	929.56
MH 106	24x36	R3067V	932.56	929.24

SEE SHEET 2 FOR PROFILE VIEW AND
ADDITIONAL STORM SEWER INFORMATION

POND SKIMMER	(A)	(B)
South	12.0'	926.0
North	12.0'	931.0

PLAN

4x4 TREATED LUMBER

2-2x6 TREATED LUMBER

4" MINIMUM
OVERLAP

DIRECTION OF FLOW

POND BOTTOM

ELEVATION (B)

EMBED WEIR A MINIMUM
OF FOUR INCHES

RANDOM RIPRAP

TYPICAL BAFFLE-WEIR DETAIL

John Oliver & Associates, Inc.

Civil Engineering, Land Surveying, Land Planning
560 Dodge Avenue
Elk River, Minnesota 55330
(612)441-2072 (FAX)441-5665
201 W. Travelers Trail, Suite 200
Bloomington, Minnesota 55425
(612)894-0045 (FAX)894-0049

WHITETAIL RIDGE

ELK RIVER, MN
FOR
DENNIS PECK
FINAL GRADING PLAN

SHEET NO.
1 OF 2