GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

FEMA FLOOD ZONE
ELEV.: 184.40

PROP. 135 LF
TEMPORARY SILT FENCE

PROP. TREE LINE

PROP. 2:1 FILL SLOPE
STABALIZE W/ CURLEX II
MATTING OR EQUAL.

PROP. 70 LF TEMPORARY
SILT FENCE

PROP. DMH# 13 (6'ø)
HINGE TOP
RIM = 202.50 (FLUSH)
INV. IN @ 197.36 (CB #16)
INV. IN @ 197.36 (CB #13)
INV. OUT @ 197.06 (POND)

PROP. HDPE N-12
INV. IN @ 197.53
INV. OUT @ 197.36
L= 16.5', S=0.01'/.

PROP. CB# 13 (4'ø)
"B" GRATE
RIM = 202.0
INV. IN @ 197.73
INV. OUT @ 197.53
W/ 4' SUMP & HOOD

PROP. HDPE N-12
INV. IN @ 198.08
INV. OUT @ 197.73
L= 37.0', S=0.0095'/.

PROP. CB# 14 (4'ø)
"B" GRATE
RIM = 201.30
INV. OUT @ 198.08
W/ 4' SUMP & HOOD

PROP. TREE LINE

PROP. RETAINING WALL
(DESIGN BY OTHERS)
TOP OF WALL @ 200.00
TOE OF WALL @ 190.00
90 LF

PROP. 105 LF WOOD
FRAME GUARD RAIL

PROP. 150 LF
TEMPORARY SILT FENCE

PROP. HDPE N-12
INV. IN @ 198.69
INV. OUT @ 198.30
L= 39.0', S=0.01'/.

PROP. CB# 14 (4'ø)
"B" GRATE
RIM = 204.50
INV. IN @ 199.00
INV. OUT @ 198.69
W/ 4' SUMP & HOOD

PROP. HDPE N-12
INV. IN @ 199.37
INV. OUT @ 199.0
L= 74.0', S=0.005'/.

PROP. CB# 15 (4'ø)
"B" GRATE
RIM = 206.0
INV. OUT = 199.37
W/ 4' SUMP & HOOD

BUILDING SETBACK LINE

12" HDPE N-12
HEADERS @ 197.0

PROP. HDPE N-12
INV. IN @ 197.96
INV. OUT @ 197.36
L= 60.0'", S=0.01'/.

PROP. CB# 16 (4'ø)
"B" GRATE
RIM = 204.60
INV. IN @ 198.30
INV. OUT @ 197.96
W/ 4' SUMP & HOOD

PROP. SUBSURFACE DETENTION SYSTEM
(1,050 LF) 3'ø HDPE N-12 PIPE
BASE OF PIPE @ 195.0
TOP OF PIPE @ 198.0
2' BETWEEN EACH ROW
(SEE D101 FOR FURTHER DETAILS)

HIGH POINT

PROP. FF = 206.8

TP #1 18"
TP #2 18"
TP #3 18"
TP #4 21"
TP #5 24"
TP #6 19"

PROP. 2:1 FILL SLOPE
STABALIZE W/ CURLEX II
MATTING OR EQUAL.

PROP. CB# 11 (4'ø)
"B" GRATE
RIM = 201.80
INV. OUT @ 198.80
W/ 4' SUMP & HOOD

PROP. HDPE N-12
INV. IN @ 198.80
INV. OUT @ 198.68
L= 13.0', S=0.0092'/.

PROP. DMH# 11 (4'ø)
HINGE TOP
RIM = 202.0 (FLUSH)
INV. IN @ 198.68 (CB #11)
INV. OUT @ 197.06 (POND)

PROP. DMH# 20 (6'ø)
HINGE TOP
RIM = 202.50 (FLUSH)
INV. IN @ 194.18 (POND)
INV. IN @ 198.50 (F. DRAINS)
INV. OUT @ 193.50
HDPE RISER STRUCTURE
2" VERTICAL ORIFICE @ 193.50
3" VERTICAL ORIFICE @ 196.70
15" HORIZONTAL "T" @ 197.10

PROP. F. DRAINS

120' TREATMENT SWALE

PROP. CONC. PAD

PROP. TREE LINE

PROP. HDPE N-12
INV. IN @ 194.50
INV. OUT @ 194.18
L= 32.0', S=0.01'/.

PROP. HDPE N-12
INV. IN @ 193.50
INV. OUT @ 193.22
L= 57.0', S=0.005'/.
F.E.S. ON OUTLET

4' BERM @ 205.0

PROP. INFILTRATION POND

REVISION	DATE	DESCRIPTION

DETAIL GRADING PLAN
FOR
THOMPSON INVESTMENT CASTING
41 OLD DOVER ROAD
ROCHESTER, N.H.
TAX MAP 132, LOT 37

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, N.H. 332-2863

SCALE : 1 IN. EQUALS 20 FT.
DATE : FEBRUARY 1, 2012
FILE NO. : DB 2011-147

THE STATE OF NEW HAMPSHIRE
DAVID A. BERRY
No. 1088
REGISTERED PROFESSIONAL ENGINEER

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