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

INTERIOR SLOPES ARE TO BE 3:1 MAX.

40' ROCK LINED LEVEL SPREADER @ 187.50

PROP. 150 LF TEMPORARY SILT FENCE

4:1 BACK SLOPE ROCK LINED. TIE ROCK INTO E-GRADE

FEMA FLOOD ZONE ELEV.: 184.40

PROP. RIP-RAP APPRON W= SWALE TO ELEV. 194.50 L= AS SHOWN T= 1.75', D50=.75'

TP #1

18"

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

2' SWALE

2' BERM @ 188.0 (LOAM OR CLAY)

PROP. FF = 206.8

PROP. F. DRAINS

PROP. RIP-RAP APPRON W= SWALE TO ELEV. 187.50 L= AS SHOWN T= 1.75', D50=.75'

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

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

PROP. HDPE N-12 INV. IN @ 187.80 INV. OUT @ 187.60 L= 40.0', S=0.005'/, HEADWALL ON OUTLET

4' BERM @ 195.0 (LOAM OR CLAY)

PROP. 70 LF TEMPORARY SILT FENCE

PROP. CB# 24 (4'ø) "B" GRATE RIM = 193.60 INV. OUT @ 187.80

PROP. (3) TREE BOX FILTERS (6'ø) DRAIN MAN HOLES W/ OPEN TOPS TOP @ 192.0 BASE @ 188.0 BIO-RETENTION MEDIA FROM 189-192 ¾" STONE FROM 188-189

40LF 4" PERFORATED SUBDRAIN W/ FILTER SOCK @ 188.0 DRAIN TO CB# 24

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

4' BERM @ 205.0 (LOAM OR CLAY)

PROP. INFILTRATION POND

INTERIOR & EXTERIOR SLOPES ARE TO BE 3:1 MAX.

EMERGENCY SPILL WAY 10' LONG @ 204.50 ROCK LINED. TIE ROCK INTO E-GRADE

202.80 206.80 203.0 206.80 206.60 202.80 206.80 206.40 203.10 206.40 203.10 F204.50

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

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 10 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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