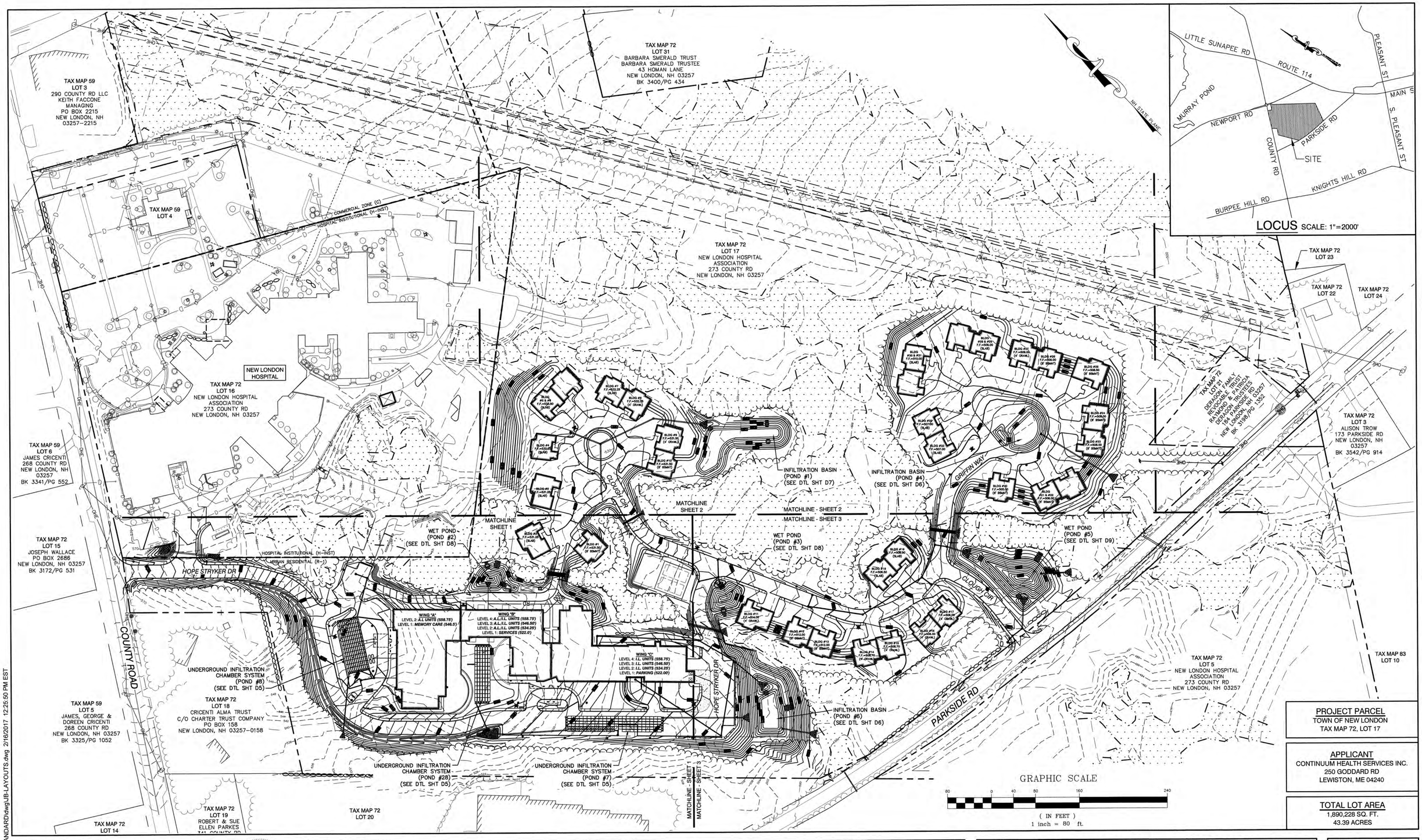

PROJECT PARCEL
TOWN OF NEW LONDON
TAX MAP 72, LOT 17

APPLICANT
CONTINUUM HEALTH SERVICES INC.
250 GODDARD RD
LEWISTON, ME 04240

TOTAL LOT AREA
1,890,228 SQ. FT.
43.39 ACRES

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Design: BWG	Draft: EMP	Date: 7/3/18
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Drawing Name: 17190-PLAN.dwg		

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STATE OF NEW HAMPSHIRE
BARRY W. GIER
No. 12535
LICENSED
PROFESSIONAL ENGINEER

REV.	DATE	REVISION	BY
0	7/3/2018	ISSUED FOR REVIEW	EMP

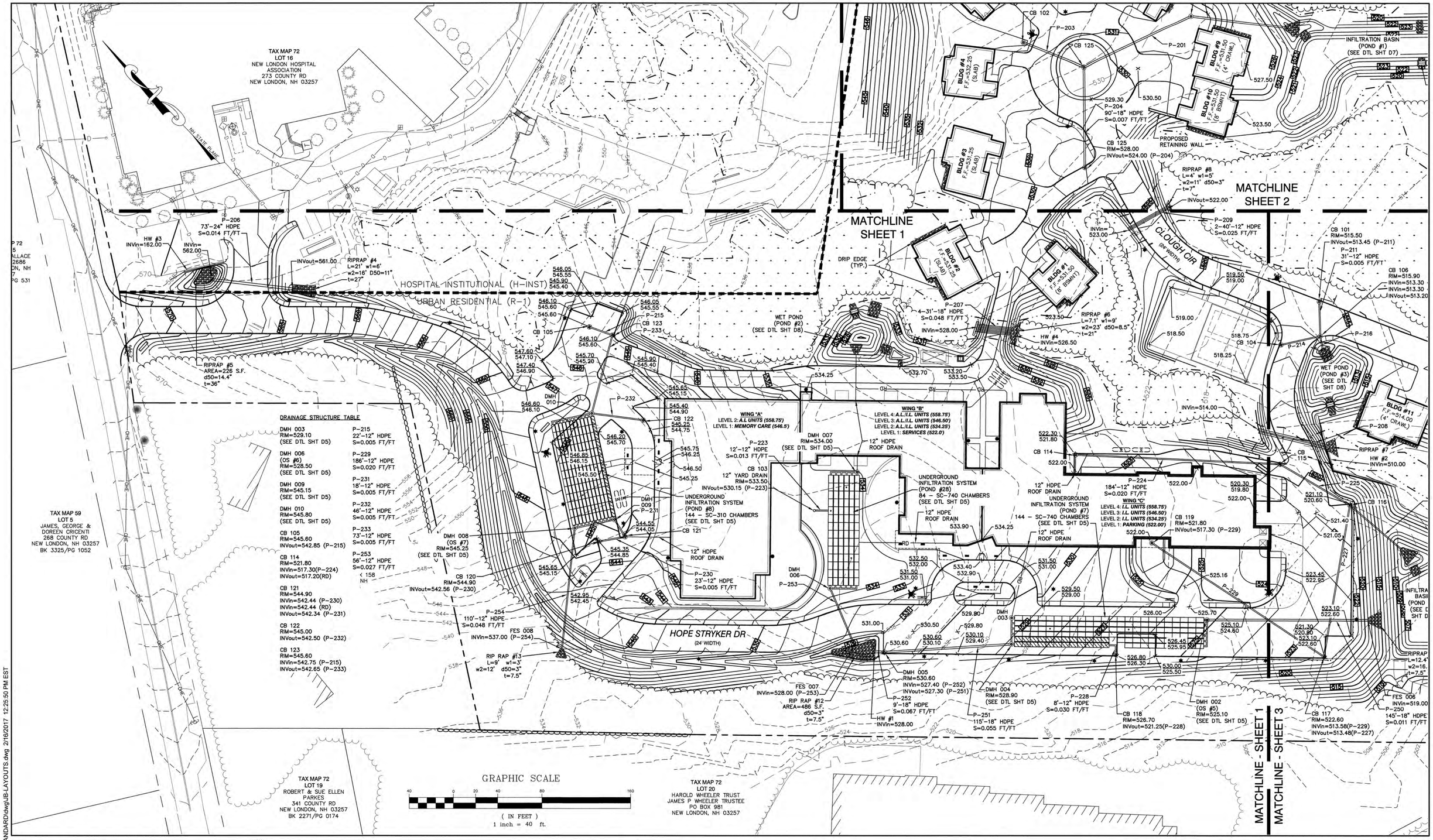
Designed and Produced in NH
Jones & Beach Engineers, Inc.
Civil Engineering Services
85 Portsmouth Ave.
PO Box 219
Stratham, NH 03885
603-772-4746
FAX: 603-772-0227
E-MAIL: JBE@JONESANDBEACH.COM

Plan Name: **OVERALL GRADING & DRAINAGE PLAN**

Project: "NEW LONDON PLACE"
COUNTY RD & PARKSIDE RD, NEW LONDON, NH

Owner of Record: NEW LONDON HOSPITAL ASSOCIATION
273 COUNTY RD, NEW LONDON, NH 03257

DRAWING No.
C3
SHEET 11 OF 48
JBE PROJECT NO. 17190



DRAINAGE STRUCTURE TABLE

DMH 003 RIM=529.10 (SEE DTL SHT D5)	P-215 22'-12" HDPE S=0.005 FT/FT
DMH 006 (OS #6) RIM=528.50 (SEE DTL SHT D5)	P-229 186'-12" HDPE S=0.020 FT/FT
DMH 009 RIM=545.15 (SEE DTL SHT D5)	P-231 18'-12" HDPE S=0.005 FT/FT
DMH 010 RIM=545.80 (SEE DTL SHT D5)	P-232 46'-12" HDPE S=0.005 FT/FT
CB 105 RIM=545.60 INVout=542.85 (P-215)	P-233 73'-12" HDPE S=0.005 FT/FT
CB 114 RIM=521.80 INVin=517.30(P-224) INVout=517.20(RD)	P-253 56'-12" HDPE S=0.027 FT/FT
CB 121 RIM=544.90 INVin=542.44 (P-230) INVin=542.44 (RD) INVout=542.34 (P-231)	
CB 122 RIM=545.00 INVout=542.50 (P-232)	
CB 123 RIM=545.60 INVin=542.75 (P-215) INVout=542.65 (P-233)	

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STATE OF NEW HAMPSHIRE BARRY W. GIER No. 12535 LICENSED PROFESSIONAL ENGINEER

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Plan Name: GRADING & DRAINAGE PLAN

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DRAWING No.
C3-1
SHEET 12 OF 48
JBE PROJECT NO. 17190

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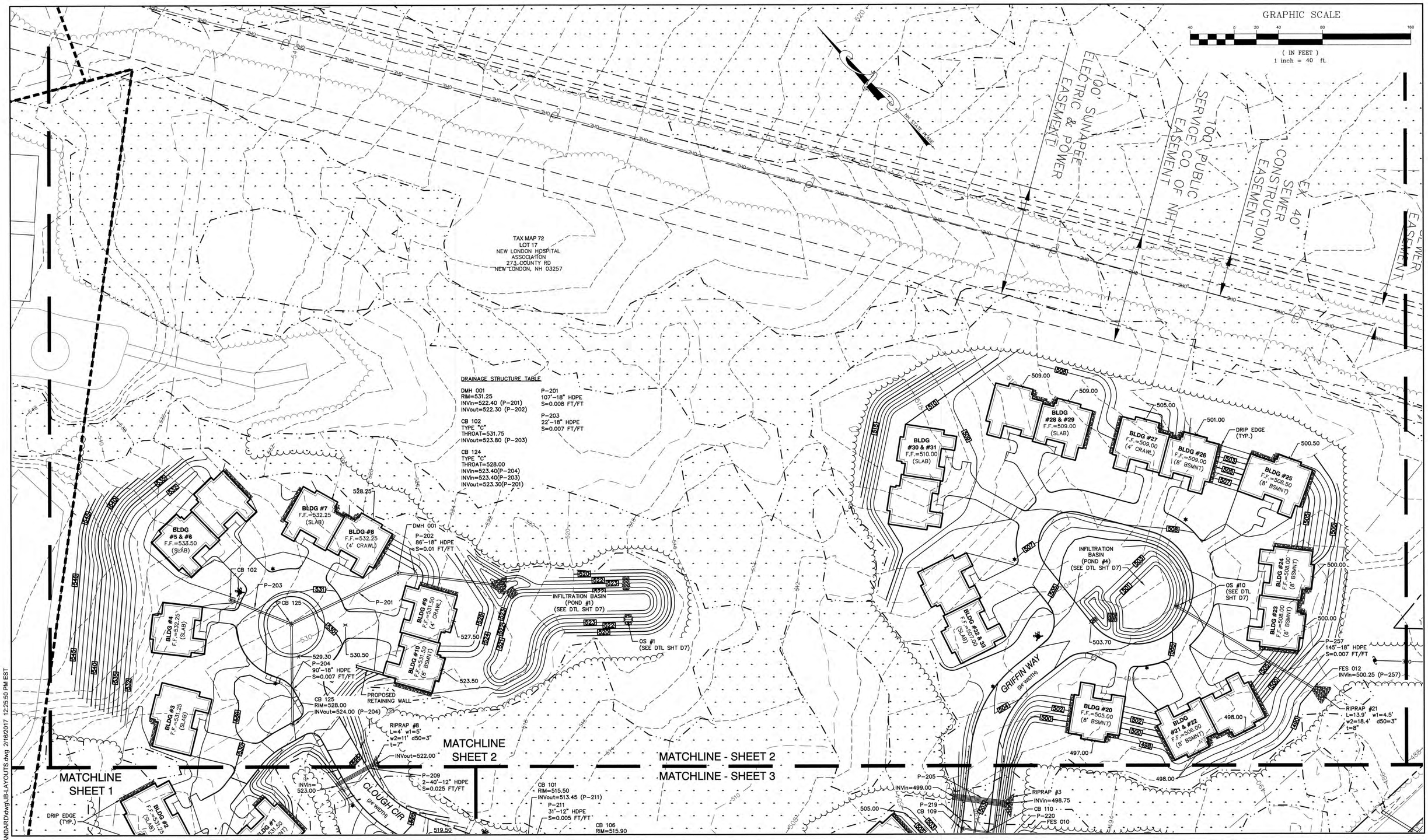

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STATE OF NEW HAMPSHIRE
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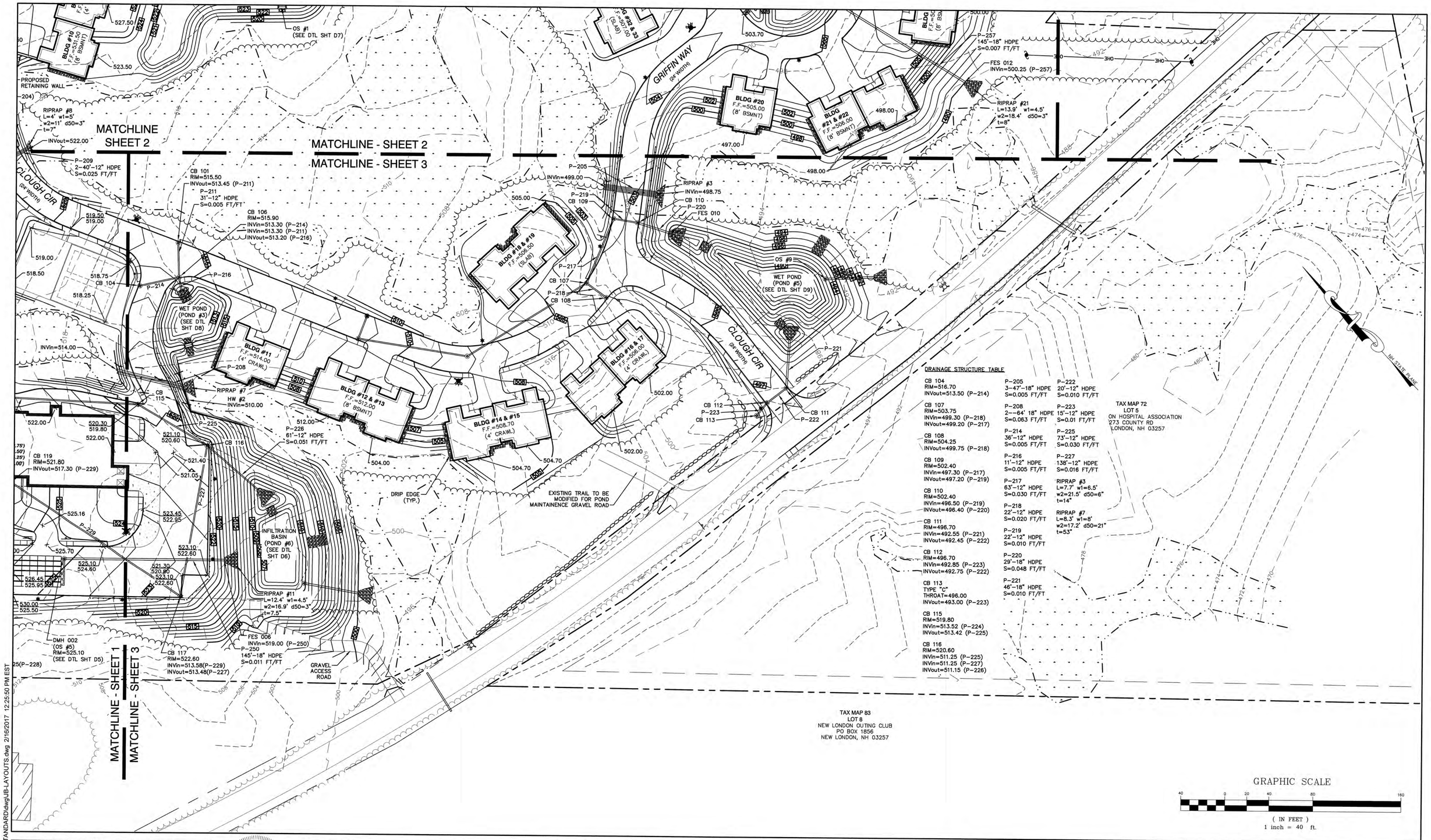
DRAWING No.
C3-2
SHEET 13 OF 48
JBE PROJECT NO. 17190



DRAINAGE STRUCTURE TABLE

CB 104
RIM=516.70
INVout=513.50 (P-214)

CB 107
RIM=503.75
INVin=499.30 (P-218)
INVout=499.20 (P-217)

CB 108
RIM=504.25
INVout=499.75 (P-218)

CB 109
RIM=502.40
INVin=497.30 (P-217)
INVout=497.20 (P-219)

CB 110
RIM=502.40
INVin=496.50 (P-219)
INVout=496.40 (P-220)

CB 111
RIM=496.70
INVin=492.55 (P-221)
INVout=492.45 (P-222)

CB 112
RIM=496.70
INVin=492.85 (P-223)
INVout=492.75 (P-222)

CB 113
TYPE "C"
THROAT=496.00
INVout=493.00 (P-223)

CB 115
RIM=519.80
INVin=513.52 (P-224)
INVout=513.42 (P-225)

CB 116
RIM=520.60
INVin=511.25 (P-225)
INVin=511.25 (P-227)
INVout=511.15 (P-226)

P-205
3-47'-18" HDPE
S=0.005 FT/FT

P-208
2--64' 18" HDPE
S=0.063 FT/FT

P-214
36'-12" HDPE
S=0.005 FT/FT

P-216
11'-12" HDPE
S=0.005 FT/FT

P-217
63'-12" HDPE
S=0.030 FT/FT

P-218
22'-12" HDPE
S=0.020 FT/FT

P-219
22'-12" HDPE
S=0.010 FT/FT

P-220
29'-18" HDPE
S=0.048 FT/FT

P-221
46'-18" HDPE
S=0.010 FT/FT

P-222
20'-12" HDPE
S=0.010 FT/FT

P-223
15'-12" HDPE
S=0.01 FT/FT

P-225
73'-12" HDPE
S=0.030 FT/FT

P-227
138'-12" HDPE
S=0.016 FT/FT

RIPRAP #3
L=7.7' w1=6.5'
w2=21.5' d50=6"
t=14"

RIPRAP #7
L=8.3' w1=8'
w2=17.2' d50=21"
t=53"

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STATE OF NEW HAMPSHIRE — BARRY W. GIER No. 12535 — LICENSED PROFESSIONAL ENGINEER — 2/16/17

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DRAWING No.
C3-3
SHEET 14 OF 48
JBE PROJECT NO. 17190