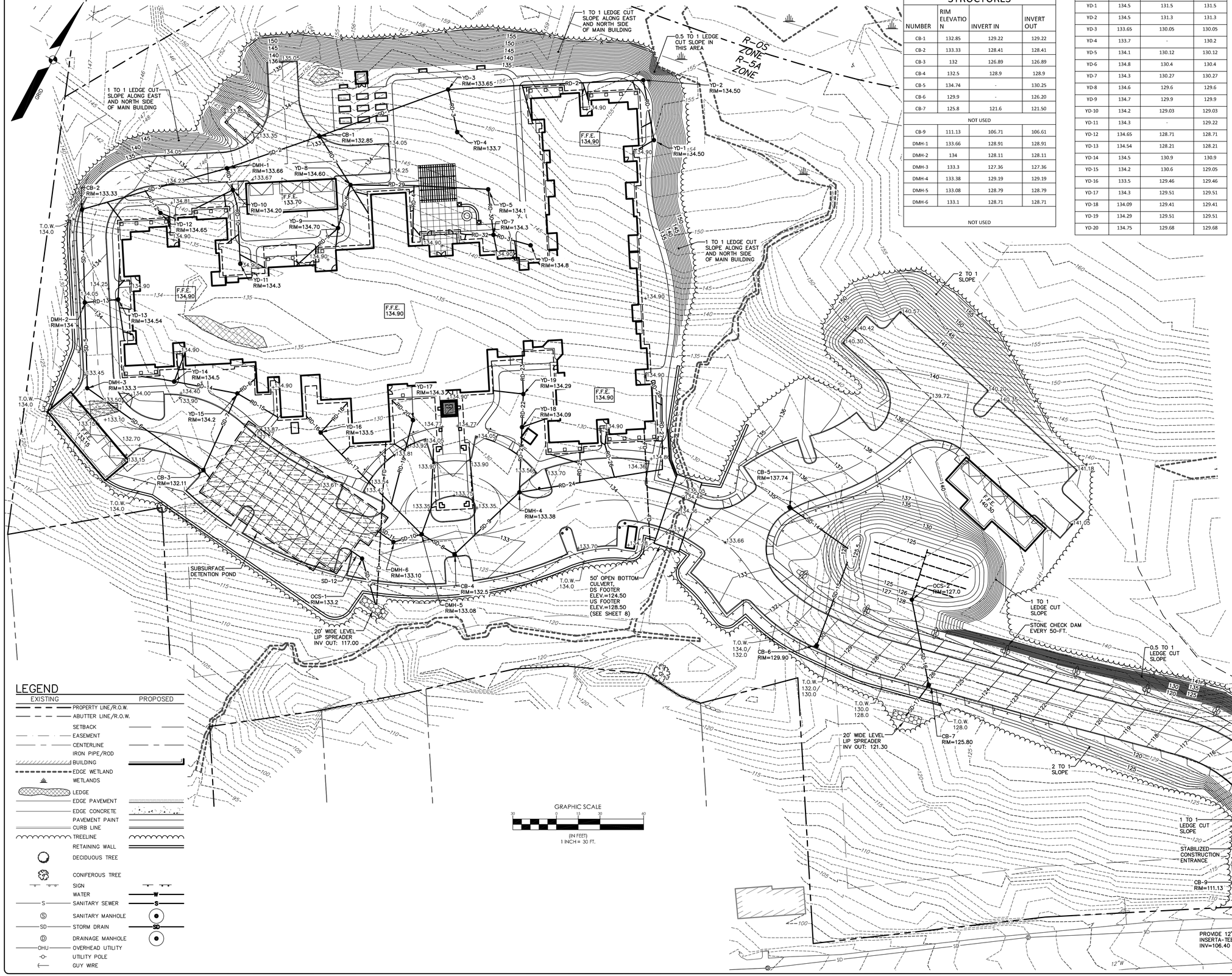

STRUCTURES

NUMBER	RIM ELEVATION	INVERT IN	INVERT OUT
CB-1	132.85	129.22	129.22
CB-2	133.33	128.41	128.41
CB-3	132	126.89	126.89
CB-4	132.5	128.9	128.9
CB-5	134.74	-	130.25
CB-6	129.9	-	126.20
CB-7	125.8	121.6	121.50
NOT USED			
CB-9	111.13	106.71	106.61
DMH-1	133.66	128.91	128.91
DMH-2	134	128.11	128.11
DMH-3	133.3	127.36	127.36
DMH-4	133.38	129.19	129.19
DMH-5	133.08	128.79	128.79
DMH-6	133.1	128.71	128.71
NOT USED			

YD-1	134.5	131.5	131.5
YD-2	134.5	131.3	131.3
YD-3	133.65	130.05	130.05
YD-4	133.7	-	130.2
YD-5	134.1	130.12	130.12
YD-6	134.8	130.4	130.4
YD-7	134.3	130.27	130.27
YD-8	134.6	129.6	129.6
YD-9	134.7	129.9	129.9
YD-10	134.2	129.03	129.03
YD-11	134.3	-	129.22
YD-12	134.65	128.71	128.71
YD-13	134.54	128.21	128.21
YD-14	134.5	130.9	130.9
YD-15	134.2	130.6	129.05
YD-16	133.5	129.46	129.46
YD-17	134.3	129.51	129.51
YD-18	134.09	129.41	129.41
YD-19	134.29	129.51	129.51
YD-20	134.75	129.68	129.68

STORM DRAINS

STORM DRAIN DESIGNATION	SIZE	LENGTH	SLOPE
RD-1	12	40	0.005
RD-2	12	132	0.009
RD-3	12	30	0.005
RD-4	12	37	0.005
RD-5	12	27	0.01
RD-6	12	13	0.005
RD-7	12	38	0.01
RD-8	12	30	0.01
RD-9	12	38	0.005
RD-10	12	38	0.005
RD-11	12	23	0.005
RD-12	12	16	0.005
RD-13	12	20	0.005
RD-14	12	65	0.005
RD-15	12	30	0.005
RD-16	12	23	0.005
RD-17	12	86	0.005
RD-18	12	28	0.005
RD-19	12	58	0.005
RD-20	12	19	0.005
RD-21	12	43	0.005
RD-22	12	21	0.005
RD-23	12	22	0.005
RD-24	12	98	0.005
RD-25	12	19	0.005
RD-26	12	21	0.005
RD-27	12	47	0.005
RD-28	12	13	0.005
RD-29	12	119	0.005
RD-30	12	30	0.005
RD-31	12	25	0.005
RD-32	12	17	0.005
RD-33	12	37	0.005
RD-34	12	13	0.005
SD-1	12	92	0.009
SD-2	12	63	0.005
SD-3	12	100	0.005
SD-4	12	60	0.005
SD-5	12	55	0.005
SD-6	12	94	0.005
SD-7	12	18	0.043
SD-8	12	22	0.005
SD-9	12	62	0.005
SD-10	15	16	0.005
SD-11	12	18	0.005
SD-12	12	8	0.01
SD-13	12	30	0.13
SD-14	12	50	0.085
SD-15	12	65	0.01
SD-16	12	56	0.022
SD-17	12	21	0.01
NOT USED			
NOT USED			
NOT USED			
NOT USED			
NOT USED			
SD-23	12	21	0.01

LEGEND

EXISTING	PROPOSED
PROPERTY LINE/R.O.W.	
ABUTTER LINE/R.O.W.	
SETBACK	
EASEMENT	
CENTERLINE	
IRON PIPE/ROD	
BUILDING	
EDGE WETLAND	
WETLANDS	
LEDGE	
EDGE PAVEMENT	
EDGE CONCRETE	
PAVEMENT PAINT	
CURB LINE	
TREELINE	
RETAINING WALL	
DECIDUOUS TREE	
CONIFEROUS TREE	
SIGN	
WATER	W
S SANITARY SEWER	S
Ⓢ SANITARY MANHOLE	
SD STORM DRAIN	SD
Ⓓ DRAINAGE MANHOLE	
OHU OVERHEAD UTILITY	
UTILITY POLE	
GUY WIRE	

STATE OF MAINE — JOSEPH R. BRUNELLE — 12082 — REGISTERED PROFESSIONAL ENGINEER — 9-18-15

DESIGNED	CHECKED
PDO	RAM

REV.	BY:	DATE:	STATUS:
A	RAM	9-18-15	PLAN SUBMISSION TO CITY OF PORTLAND

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SEBAGO TECHNICS
WWW.SEBAGOTECHNICS.COM
75 John Roberts Rd. Suite 1A South Portland, ME. 04106 Tel. 207-200-2100
250 Goddard Rd. Suite B Lewiston, ME. 04240 Tel. 207-753-9825

GRADING AND DRAINAGE PLAN
OF:
PORTLAND RETIREMENT RESIDENCE
802 OCEAN AVENUE
PORTLAND, ME
FOR:
HAWTHORN DEVELOPMENT GROUP, LLC
9310 NE VANCOUVER MALL DR., STE200
VANCOUVER, WA 98662-8210

PROJECT NO.	SCALE
14432	1" = 30'

SHEET 6 OF 14

14432GDL.dwg, TAB: C