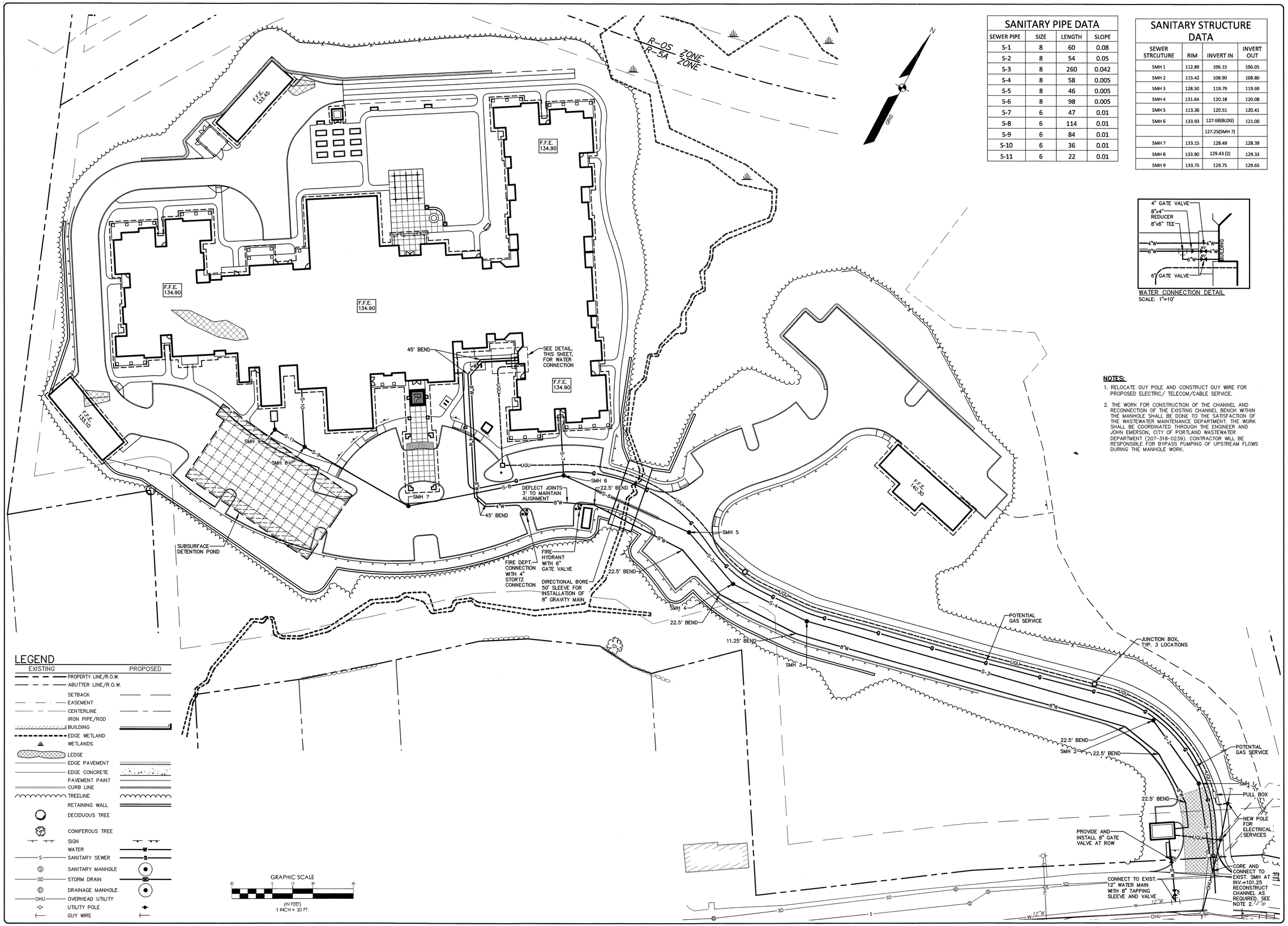

SANITARY PIPE DATA

SEWER PIPE	SIZE	LENGTH	SLOPE
S-1	8	60	0.08
S-2	8	54	0.05
S-3	8	260	0.042
S-4	8	58	0.005
S-5	8	46	0.005
S-6	8	98	0.005
S-7	6	47	0.01
S-8	6	114	0.01
S-9	6	84	0.01
S-10	6	36	0.01
S-11	6	22	0.01

SANITARY STRUCTURE DATA

SEWER STRCUTURE	RIM	INVERT IN	INVERT OUT
SMH 1	112.89	106.15	106.05
SMH 2	115.42	108.90	108.80
SMH 3	128.50	119.79	119.69
SMH 4	131.64	120.18	120.08
SMH 5	113.36	120.51	120.41
SMH 6	133.93	127.68(BLDG)	121.00
		127.25(SMH 7)	
SMH 7	133.15	128.49	128.39
SMH 8	133.90	129.43 (2)	129.33
SMH 9	133.75	129.75	129.65

WATER CONNECTION DETAIL
SCALE: 1"=10'

NOTES:

1. RELOCATE GUY POLE AND CONSTRUCT GUY WIRE FOR PROPOSED ELECTRIC/ TELECOM/CABLE SERVICE.
2. THE WORK FOR CONSTRUCTION OF THE CHANNEL AND RECONNECTION OF THE EXISTING CHANNEL BENCH WITHIN THE MANHOLE SHALL BE DONE TO THE SATISFACTION OF THE WASTEWATER MAINTENANCE DEPARTMENT. THE WORK SHALL BE COORDINATED THROUGH THE ENGINEER AND JOHN EMERSON, CITY OF PORTLAND WASTEWATER DEPARTMENT (207-318-0239). CONTRACTOR WILL BE RESPONSIBLE FOR BYPASS PUMPING OF UPSTREAM FLOWS DURING THE MANHOLE WORK.

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	
W	WATER	W
S	SANITARY SEWER	S
Ⓢ	SANITARY MANHOLE	Ⓢ
SD	STORM DRAIN	SD
Ⓓ	DRAINAGE MANHOLE	Ⓓ
OHU	OVERHEAD UTILITY	
	UTILITY POLE	
	GUY WIRE	

STATE OF MAINE ROBERT A. MacCOLL JR. PROFESSIONAL ENGINEER 1-22-16

DESIGNED	CHECKED
PDO	RAM

REV.	BY:	DATE:	STATUS:
C	RAM	1-22-16	RESPONSE TO CITY CONDITIONS OF APPROVAL
B	RAM	11-20-15	RESPONSE TO CITY COMMENTS
A	RAM	9-18-15	PLAN SUBMISSION TO CITY OF PORTLAND

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250 Goddard Rd. Suite B Lewiston, ME 04240 Tel. 207-783-9595

UTILITY 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 7 OF 14

14432GU.dwg, TAB:U