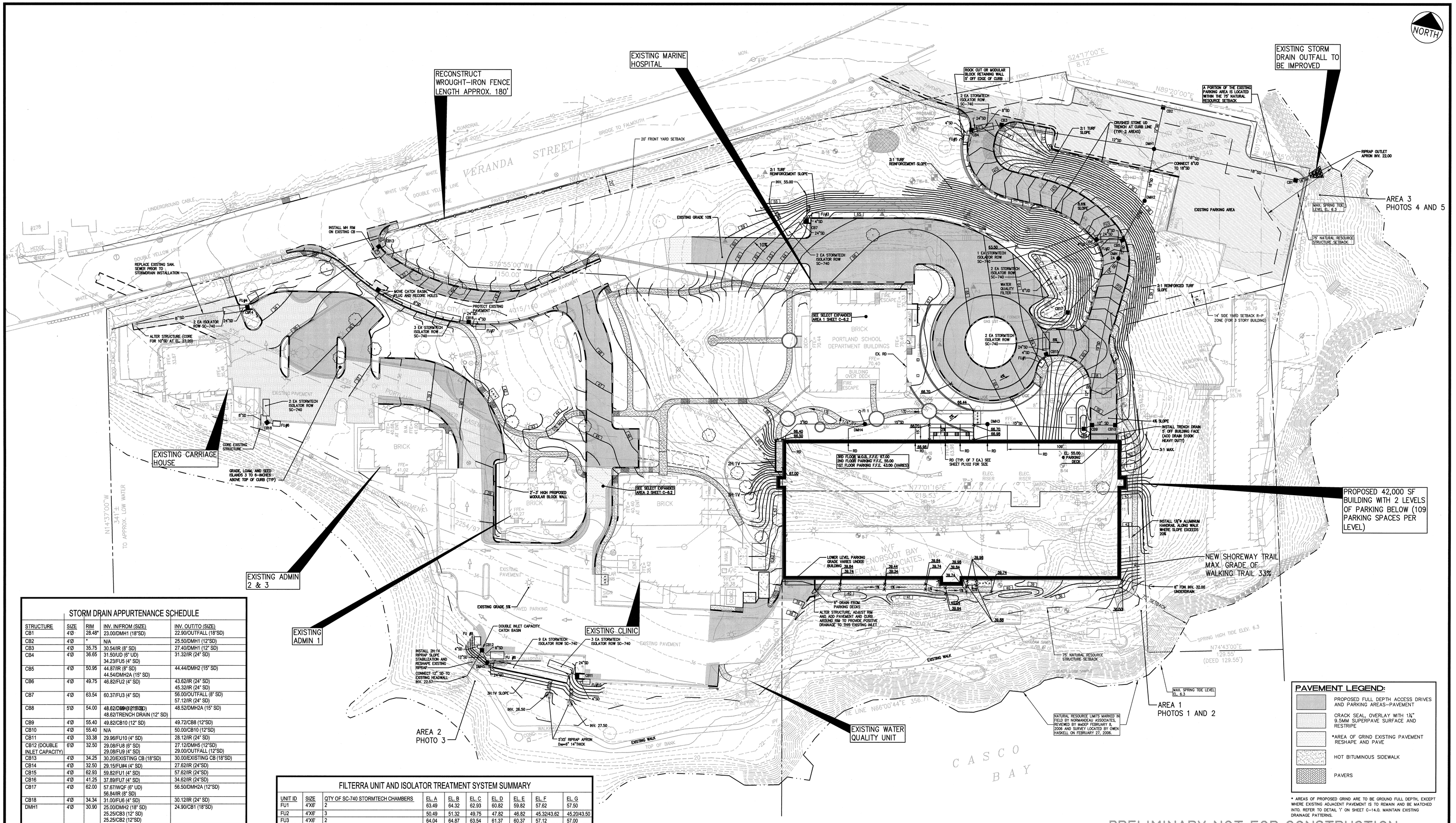

STORM DRAIN APPURTENANCE SCHEDULE

STRUCTURE	SIZE	RIM	INV. IN/FROM (SIZE)	INV. OUT/TO (SIZE)
CB1	4'Ø	28.48*	23.00/DMH1 (18"SD)	22.90/OUTFALL (18"SD)
CB2	4'Ø	*	N/A	25.50/DMH1 (12"SD)
CB3	4'Ø	35.75	30.54/IR (8" SD)	27.40/DMH1 (12" SD)
CB4	4'Ø	36.65	31.50/UD (6" UD) 34.23/FU5 (4" SD)	31.32/IR (24" SD)
CB5	4'Ø	50.95	44.87/IR (8" SD) 44.54/DMH2A (15" SD)	44.44/DMH2 (15" SD)
CB6	4'Ø	49.75	46.82/FU2 (4" SD)	43.62/IR (24" SD) 45.32/IR (24" SD)
CB7	4'Ø	63.54	60.37/FU3 (4" SD)	56.00/OUTFALL (8" SD) 57.12/IR (24" SD)
CB8	5'Ø	54.00	48.62/DMH2A (15" SD) 48.62/TRENCH DRAIN (12" SD)	48.52/DMH2A (15" SD)
CB9	4'Ø	55.40	49.82/CB10 (12" SD)	49.72/CB8 (12"SD)
CB10	4'Ø	55.40	N/A	50.00/CB10 (12"SD)
CB11	4'Ø	33.38	29.96/FU10 (4" SD)	28.12/IR (24" SD)
CB12 (DOUBLE INLET CAPACITY)	6'Ø	32.50	29.08/FU8 (6" SD) 29.08/FU9 (4" SD)	27.12/DMH5 (12"SD) 29.00/OUTFALL (12"SD)
CB13	4'Ø	34.25	30.20/EXISTING CB (18"SD)	30.00/EXISTING CB (18"SD)
CB14	4'Ø	32.50	29.15/FU#4 (4" SD)	27.62/IR (24"SD)
CB15	4'Ø	62.93	59.82/FU1 (4" SD)	57.62/IR (24"SD)
CB16	4'Ø	41.25	37.89/FU7 (4" SD)	34.62/IR (24"SD)
CB17	4'Ø	62.00	57.67/WQF (6" UD) 56.84/IR (8" SD)	56.50/DMH2A (12"SD)
CB18	4'Ø	34.34	31.00/FU6 (4" SD)	30.12/IR (24" SD)
DMH1	4'Ø	30.90	25.00/DMH2 (18" SD) 25.25/CB3 (12" SD) 25.25/CB2 (12"SD)	24.90/CB1 (18"SD)
DMH2	4'Ø	36.50	30.00/CB5 (15"SD)	29.90/DMH1 (18"SD)
DMH2A	4'Ø	52.70	45.70/CB17 (12" SD) 45.00/CB8 (15" SD)	44.90/CB5 (15" SD)
DMH3	4'Ø	66.50	58.38/DMH4 (15" SD) 60.00/RD (8" RD)	52.28/CB8 (15" SD)
DMH4	4'Ø	66.60	60.50/FI1 (12" SD) 60.00/RD (6" RD) 60.00/RD (3" RD)	59.50/DMH3 (15" SD)
DMH5	4'Ø	32.00	27.12/CB12 (12"SD)	27.12/IR (24"SD)
FI1	TYPE 'D'	66.00	N/A	61.00/DMH4 (12"SD)

*SET THESE RIM ELEVATIONS 3 INCHES BELOW SURROUNDING GRADE

FILTERRA UNIT AND ISOLATOR TREATMENT SYSTEM SUMMARY

UNIT ID	SIZE	QTY OF SC-740 STORMTECH CHAMBERS	EL. A	EL. B	EL. C	EL. D	EL. E	EL. F	EL. G
FU1	4'X6'	2	63.49	64.32	62.93	60.82	59.82	57.62	57.50
FU2	4'X6'	3	50.49	51.32	49.75	47.82	46.82	45.32/43.62	45.20/43.50
FU3	4'X6'	2	64.04	64.87	63.54	61.37	60.37	57.12	57.00
FU4	6'X8'	2	32.82	33.65	32.50	30.15	29.15	27.62	27.50
FU5	4'X6'	2	36.90	37.73	36.65	34.23	33.23	31.32	31.20
FU6	4'X6'	2	34.67	35.50	34.34	32.00	31.00	30.12	30.00
FU7	4'X8'	3	41.56	42.39	41.25	38.89	37.89	34.62	34.50
FU8	6'X12'	INCLUDED W/ FU9	32.75	33.58	32.50	30.08	29.08	27.12	27.00
FU9	6'X8'	9	32.75	33.58	32.50	30.08	29.08	27.12	27.00
FU10	4'X6'	3	33.63	34.46	33.38	30.96	29.96	28.12	28.00
	TOTAL	28	REFER TO DETAIL J ON SHEET 10 FOR ELEVATION LOCATIONS EL. D SHOULD BE 3'-6" BELOW EL. B EL. F SHOULD BE 1½" ABOVE EL. G						

NOTE: INSTALL NEW CURB WHERE REQUIRED TO FACILITATE INSTALLATION OF FILTERRA UNITS, STORMTECH CHAMBERS AND OTHER STORMDRAIN SYSTEM COMPONENTS

GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 inch = 30 ft.

PAVEMENT LEGEND:

- PROPOSED FULL DEPTH ACCESS DRIVES AND PARKING AREAS–PAVEMENT
- CRACK SEAL, OVERLAY WITH 1¼" 9.5MM SUPERPAVE SURFACE AND RESTRIPE
- *AREA OF GRIND EXISTING PAVEMENT RESHAPE AND PAVE
- HOT BITUMINOUS SIDEWALK
- PAVERS

* AREAS OF PROPOSED GRIND ARE TO BE GROUND FULL DEPTH, EXCEPT WHERE EXISTING ADJACENT PAVEMENT IS TO REMAIN AND BE MATCHED INTO. REFER TO DETAIL 'I' ON SHEET C-14.0. MAINTAIN EXISTING DRAINAGE PATTERNS.

PRELIMINARY NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION
18	04.03.09	ISSUED FOR G.M.P. AND PERMITTING
17	03.23.09	SUBMITTED TO CITY TO MEET CONDITION OF APPROVAL #5
16	03.20.09	PROGRESS SET
15	03.06.09	PROGRESS SET
14	02.03.09	FINAL SITE PLAN SUBMISSION TO CITY
13	01.09.09	DESIGN DEVELOPMENT SUBMISSION
12	12.30.08	ADDED ACCESS TO LOWER PARKING AREA
11	12.11.08	ISSUED WITH NEW INTERNAL ACCESS ROAD
10	11.18.08	SUBMITTED SKETCH PLAN TO CITY
9	06.09.06	SUBMITTED TO MEDEP

REVISIONS

REV	DATE	DESCRIPTION
10	05.26.06	SITE PLANS REVISED PER CONDITIONS OF CITY APPROVAL
9	04.11.06	FINAL SITE PLAN SUBMISSION TO CITY
8	04.03.06	SECOND SUBMISSION TO PHPB
7	02.28.06	SECOND SKETCH PLAN SUBMISSION TO CITY
6	01.25.06	SUBMITTED TO MaDEP WITH REQUEST FOR PREAPPLICATION MTG.
5	01.17.06	INFORMATION ADDED PER CITY COMMENTS
4	01.03.06	SKETCH PLAN SUBMISSION TO CITY
3	12.22.05	ISSUED TO CLIENT FOR REVIEW
2	11.17.05	PROGRESS SET FOR REVIEW WITH ARCHITECT
1	11.15.05	FOR REVIEW WITH CLIENT

REVISIONS

P.E. DWIGHT D. ANDERSON
LIC. #9275

PROJECT: MARTIN'S POINT REDEVELOPMENT PROJECT PHASE 2

SHEET TITLE: SITE GRADING & DRAINAGE PLAN

CLIENT: MARTIN'S POINT HEALTH CARE

DeLUCA-HOFFMAN ASSOCIATES, INC.
778 MAIN STREET, SUITE 8
SOUTH PORTLAND, ME 04106
207.775.1121
WWW.DELUCAHOFFMAN.COM

DRAWN:	LECJ	DATE:	JAN. 2009
DESIGNED:	DDA	SCALE:	1" = 30'
CHECKED:	DDA	JOB NO.	2344.06
FILE NAME:	234406-SP		
SHEET	C-5.0		