OCEAN AVENUE ELEMENTARY SCHOOL
PORTLAND, ME
VOLUME 2

VOLUME 1

G1001-A - COVER SHEET VOL 1
G1002-A - SYMBOLS AND ABBREVIATIONS VOL 1
G1003 - FIRST FLOOR CODE COMPLIANCE AND FIRE PROTECTION PLAN
G1004 - SECOND FLOOR CODE COMPLIANCE AND FIRE PROTECTION PLAN
FX101 - FIRE PROTECTION PLAN

CIVIL DRAWINGS

C-100 - EXISTING CONDITIONS BOUNDARY SURVEY
C5101 - EXISTING CONDITIONS
C5102 - SITE PLAN (OVERVIEW)
CD101 - SITE DEMOLITION AND PREPARATION PLAN
CP101 - SITE LAYOUT PLAN
C5101 - GRADING, DRAINAGE & EROSION CONTROL PLAN
CU101 - SITE UTILITY PLAN
C500 - EROSION & SEDIMENTATION CONTROL PLAN
C501 - SITE DETAILS
C502 - SITE DETAILS
C503 - STORM WATER CONTROL BIO-RETENTION BEDS
C504 - SITE DETAILS
C505 - OFFSITE SCHOOL TRAFFIC FACILITIES

L-1 - PLANTING PLAN AND SCHEDULE
L-2 - TREE SURVEY AND DETAILS

STRUCTURAL DRAWINGS

S-000 - STRUCTURAL TESTS AND SPECIAL INSPECTIONS
S-001 - STRUCTURAL GENERAL NOTES
S-101-A - FOUNDATION & FIRST FLOOR SLAB PLAN - SEGMENT A
S-101-B - FOUNDATION & FIRST FLOOR SLAB PLAN - SEGMENT B
S-101-C - FOUNDATION & FIRST FLOOR SLAB PLAN - SEGMENT C
S-102-A - MECHANICAL MEZZ. FLOOR & LOW ROOF FRAMING PLAN - SEGMENT A
S-102-B - SECOND FLOOR FRAMING PLAN - SEGMENT B
S-102-C - SECOND FLOOR FRAMING PLAN - SEGMENT C
S-103-A - CAFETERIA ROOF FRAMING PLAN - SEGMENT A
S-103-B - MAIN ROOF FRAMING PLAN - SEGMENT B
S-103-C - MAIN ROOF FRAMING PLAN - SEGMENT C
S-104-A - GYM ROOF FRAMING PLAN - SEGMENT A
S-200 - BRACING NOTES AND TYPICAL DETAILS
S-201 - BRACING AND EXTERIOR CFM WALL FRAMING ELEVATION SEGMENT A
S-202 - BRACING ELEVATIONS SEGMENTS B AND C
S-203 - SPECIAL JOIST LOADING DIAGRAMS
S-300 - TYPICAL CONCRETE DETAILS
S-301 - TYPICAL CONCRETE DETAILS
S-302 - FOUNDATION SECTIONS
S-400 - TYPICAL STEEL FLOOR FRAMING DETAILS
S-401 - STEEL FLOOR FRAMING SECTIONS
S-402 - STEEL FLOOR FRAMING SECTIONS
S-500 - TYPICAL STEEL ROOF FRAMING DETAILS
S-501 - STEEL ROOF FRAMING SECTIONS
S-502 - STEEL ROOF FRAMING SECTIONS
S-503 - TRUSS ELEVATIONS AND DETAILS

ARCHITECTURAL DRAWINGS

AE001 - FIRST FLOOR LAYOUT PLAN
AE002 - SECOND FLOOR LAYOUT PLAN

AE101-A - FIRST FLOOR PLAN SEG. A
AE101-B - FIRST FLOOR PLAN SEG. B
AE101-C - FIRST FLOOR PLAN SEG. C
AE102-A - SECOND FLOOR PLAN SEG. A
AE102-B - SECOND FLOOR PLAN SEG. B
AE102-C - SECOND FLOOR PLAN SEG. C
AE103-A - FIRST FLOOR REFLECTED CEILING PLAN SEG. A
AE103-B - FIRST FLOOR REFLECTED CEILING PLAN SEG. B
AE103-C - FIRST FLOOR REFLECTED CEILING PLAN SEG. C
AE104-A - SECOND FLOOR REFLECTED CEILING PLAN SEG. A
AE104-B - SECOND FLOOR REFLECTED CEILING PLAN SEG. B
AE104-C - SECOND FLOOR REFLECTED CEILING PLAN SEG. C
AE105 - ROOF PLAN

AE201 - EXTERIOR ELEVATIONS
AE202 - EXTERIOR ELEVATIONS
AE205 - INTERIOR ELEVATIONS
AE206 - INTERIOR ELEVATIONS
AE207 - INTERIOR ELEVATIONS
AE208 - INTERIOR ELEVATIONS
AE204 - INTERIOR ELEVATIONS
AE210 - INTERIOR ELEVATIONS
AE211 - INTERIOR ELEVATIONS
AE212 - INTERIOR ELEVATIONS
AE213 - INTERIOR ELEVATIONS
AE214 - INTERIOR ELEVATIONS
AE215 - INTERIOR ELEVATIONS
AE216 - INTERIOR ELEVATIONS
AE217 - INTERIOR ELEVATIONS
AE218 - INTERIOR ELEVATIONS
AE219 - INTERIOR ELEVATIONS

AE301 - BUILDING SECTIONS
AE302 - BUILDING SECTIONS
AE304 - WALL SECTIONS
AE305 - WALL SECTIONS
AE306 - WALL SECTIONS

AE401 - ENLARGED FLOOR PLANS
AE402 - ENLARGED FLOOR PLANS
AE403 - ENLARGED FLOOR PLANS
AE404 - ENLARGED GYM LAYOUT

AE501 - WALL TYPES
AE502 - ROOF DETAILS
AE503 - NOT USED
AE504 - WALL DETAILS
AE505 - NOT USED
AE506 - DOOR DETAILS
AE507 - DOOR DETAILS
AE508 - WINDOW DETAILS
AE509 - WINDOW DETAILS
AE510 - PLAN DETAILS
AE511 - NOT USED
AE512 - MISC. DETAILS
AE513 - NOT USED
AE514 - PRE-CAST DETAILS
AE515 - WINDOW DETAILS

ARCHITECTURAL DRAWINGS CONTINUED

AE601 - DOOR AND FRAME SCHEDULE AND TYPES
AE602 - DOOR FRAME AND WINDOW TYPES

AF101-A - FIRST FLOOR FINISH PLAN SEG. A
AF101-B - FIRST FLOOR FINISH PLAN SEG. B
AF101-C - FIRST FLOOR FINISH PLAN SEG. C
AF102-A - (NOT USED)
AF102-B - SECOND FLOOR FINISH PLAN SEG. B
AF102-C - SECOND FLOOR FINISH PLAN SEG. C

AF501 - FINISH DETAILS
AF502 - FINISH DETAILS

AF601 - FIRST FLOOR FINISH SCHEDULE
AF602 - SECOND FLOOR FINISH SCHEDULE

GF101 - KITCHEN EQUIPMENT PLAN
GF102 - FOODSERVICE EQUIPMENT ELECTRICAL ROUGH-IN PLAN
GF103 - FOODSERVICE EQUIPMENT PLUMBING ROUGH-IN PLAN
GF201 - KITCHEN EQUIPMENT ELEVATIONS

VOLUME 2

G1001-B - COVER SHEET VOL 2
G1002-B - SYMBOLS AND ABBREVIATIONS VOL 2

PLUMBING DRAWINGS

PL101-A - FIRST FLOOR SANITARY WASTE & VENT PLAN - SEG. A
PL101-B - FIRST FLOOR SANITARY WASTE & VENT PLAN - SEG. B
PL101-C - FIRST FLOOR SANITARY WASTE & VENT PLAN - SEG. C
PL102-A - SECOND FLOOR SANITARY WASTE & VENT PLAN - SEG. A
PL102-B - SECOND FLOOR SANITARY WASTE & VENT PLAN - SEG. B
PL102-C - SECOND FLOOR SANITARY WASTE & VENT - SEG. C

PL121-A - FIRST FLOOR DOMESTIC WATER PLAN - SEG. A
PL121-B - FIRST FLOOR DOMESTIC WATER PLAN - SEG. B
PL121-C - FIRST FLOOR DOMESTIC WATER PLAN - SEG. C
PL122-A - SECOND FLOOR DOMESTIC WATER PLAN - SEG. A
PL122-B - SECOND FLOOR DOMESTIC WATER PLAN - SEG. B
PL122-C - SECOND FLOOR DOMESTIC WATER PLAN - SEG. C

PL501 - PLUMBING DETAILS

PL601 - PLUMBING LEGEND & SCHEDULES

MECHANICAL DRAWINGS

M-001 - MECHANICAL LEGEND

MH101-A - FIRST FLOOR MECHANICAL DUCTWORK PLAN - SEG. A
MH101-B - FIRST FLOOR MECHANICAL DUCTWORK PLAN - SEG. B
MH101-C - FIRST FLOOR MECHANICAL DUCTWORK PLAN - SEG. C
MH102-A - SECOND FLOOR MECHANICAL DUCTWORK PLAN - SEG. A
MH102-B - SECOND FLOOR MECHANICAL DUCTWORK PLAN - SEG. B
MH102-C - SECOND FLOOR MECHANICAL DUCTWORK PLAN - SEG. C

MP101-A - FIRST FLOOR MECHANICAL PIPING PLAN - SEG. A
MP101-B - FIRST FLOOR MECHANICAL PIPING PLAN - SEG. B
MP101-C - FIRST FLOOR MECHANICAL PIPING PLAN - SEG. C
MP102-A - SECOND FLOOR MECHANICAL PIPING PLAN - SEG. A
MP102-B - SECOND FLOOR MECHANICAL PIPING PLAN - SEG. B
MP102-C - SECOND FLOOR MECHANICAL PIPING PLAN - SEG. C

MH401 - MECHANICAL DUCTWORK ENLARGED PLANS
MP401 - MECHANICAL PIPING ENLARGED PLANS

M-501 - MECHANICAL DETAILS
M-502 - MECHANICAL DETAILS

M-601 - MECHANICAL SCHEDULES
M-602 - MECHANICAL SCHEDULES

ELECTRICAL DRAWINGS

E-001 - ELECTRICAL LEGEND & LIGHT FIXTURE SCHEDULE

ES101 - SITE ELECTRICAL PLAN
ES501 - SITE ELECTRICAL DETAILS

EL101-A - FIRST FLOOR ELECTRICAL LIGHTING PLAN - SEG. A
EL101-B - FIRST FLOOR ELECTRICAL LIGHTING PLAN - SEG. B
EL101-C - FIRST FLOOR ELECTRICAL LIGHTING PLAN - SEG. C
EL102-A - SECOND FLOOR ELECTRICAL LIGHTING PLAN - SEG. A
EL102-B - SECOND FLOOR ELECTRICAL LIGHTING PLAN - SEG. B
EL102-C - SECOND FLOOR ELECTRICAL LIGHTING PLAN - SEG. C

EP101-A - FIRST FLOOR ELECTRICAL POWER PLAN - SEG. A
EP101-B - FIRST FLOOR ELECTRICAL POWER PLAN - SEG. B
EP101-C - FIRST FLOOR ELECTRICAL POWER PLAN - SEG. C
EP102-A - SECOND FLOOR ELECTRICAL POWER PLAN - SEG. A
EP102-B - SECOND FLOOR ELECTRICAL POWER PLAN - SEG. B
EP102-C - SECOND FLOOR ELECTRICAL POWER PLAN - SEG. C
EP401 - ENLARGED POWER PLANS

EY101-A - FIRST FLOOR SYSTEMS PLAN - SEG. A
EY101-B - FIRST FLOOR SYSTEMS PLAN - SEG. B
EY101-C - FIRST FLOOR ELECTRICAL SYSTEMS PLAN - SEG. C
EY102-A - SECOND FLOOR ELECTRICAL SYSTEMS PLAN - SEG. A
EY102-B - SECOND FLOOR ELECTRICAL SYSTEMS PLANS - SEG. B
EY102-C - SECOND FLOOR ELECTRICAL SYSTEMS PLANS - SEG. C

EY103 - LIGHTNING PROTECTION PLAN

E-501 - ELECTRICAL DETAILS
E-502 - ELECTRICAL DETAILS
E-503 - ELECTRICAL DETAILS

E-601 - ELECTRICAL PANEL SCHEDULES
E-602 - ELECTRICAL PANEL SCHEDULES

CAVANAUGH TOCCI ASSOCIATES, INC.
ACOUSTICAL CONSULTANTS

COLONIAL SURVEYING COMPANY, LLC
LAND SURVEYORS

LOWELL SPECIFICATIONS, INC.
CONSTRUCTION SPECIFICATIONS CONSULTANTS

S.W. COLE ENGINEERING, INC.
GEOTECHNICAL CONSULTANTS

SYTDESIGN CONSULTANTS
LANDSCAPE ARCHITECTURE

TJM CONSULTING
FOODSERVICE CONSULTANTS

WILBUR SMITH ASSOCIATES
TRAFFIC ENGINEERING

WOODLOT ALTERNATIVES, INC.
WETLANDS CONSULTANTS

WBRC
ARCHITECTS • ENGINEERS
BANGOR, MAINE 207-947-4511
PORTLAND, MAINE 207-828-4511
SARASOTA, FLORIDA 941-556-0757
www.wbrcae.com
141 PREBLE ST. PORTLAND, ME 04101
ARCHITECTURE · INTERIOR DESIGN · STRUCTURAL ENGINEERING
ELECTRICAL ENGINEERING · MECHANICAL ENGINEERING

OWNER:
PORTLAND PUBLIC SCHOOLS
196 ALLEN AVE.
PORTLAND ME 04103
207-874-8100

SUSTAINABLE DESIGN STUDIO
P.O. BOX 10486
Portland, Maine 04104-0486
sustainabledesign@maine.rr.com
Tel: (207) 210-8543
CIVIL ENGINEERING

SIGNATURE		DATE
OWNER :		
ARCHITECT :		
BGS :		
DOE :		
FIRE MARSHAL :		
DHHS:		

CURRENT ISSUE STATUS
PERMIT APPLICATION SUBMISSION 3-18-09

REV.	DESCRIPTION	DATE
--	--	--
--	--	--
--	--	--
0	-----	00.00.00

LICENSED ARCHITECT MICHAEL E. JOHANNING No. 6067 STATE OF MAINE 3-18-09

WBRC Comm. No. 331610

BQS PROJECT No. 723

SHEET No. G1001-B

Mar 18, 2009 - 2:34pm
I:\BSD\Jobs\331610 Ocean Ave. Elementary School - SD to CA\dwgs\OCEAN AVENUE ELEMENTARY SCHOOL\Sheet\331610-G1001-B COVER SHEET VOL 2.dwg mark.stillman