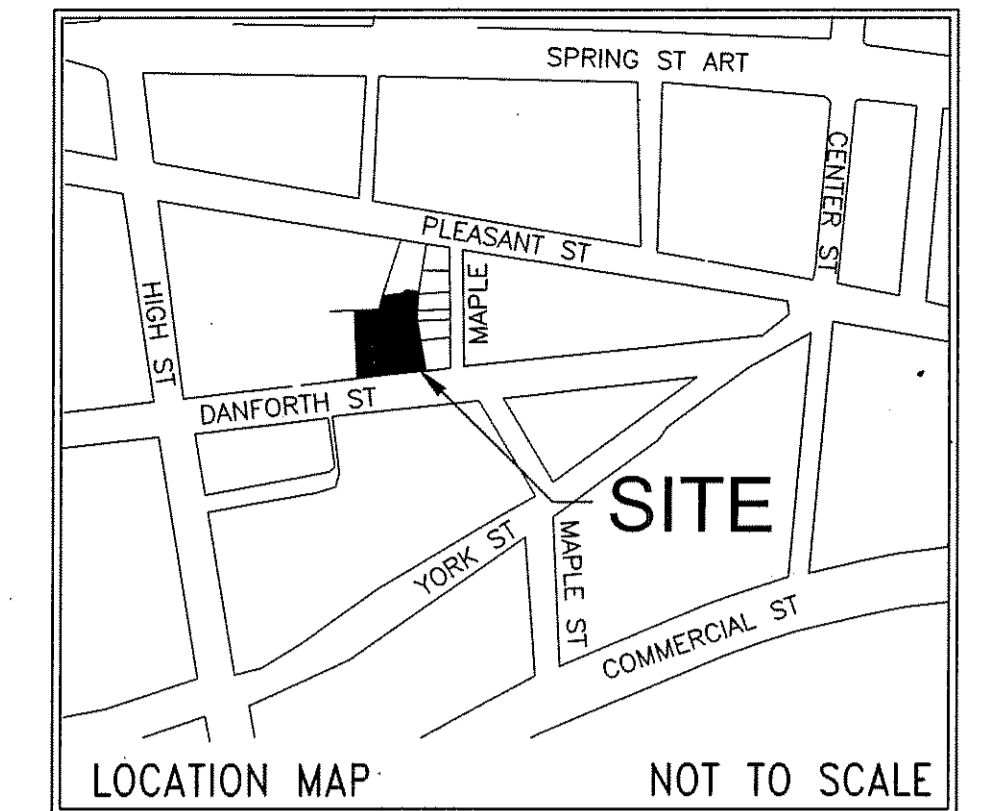




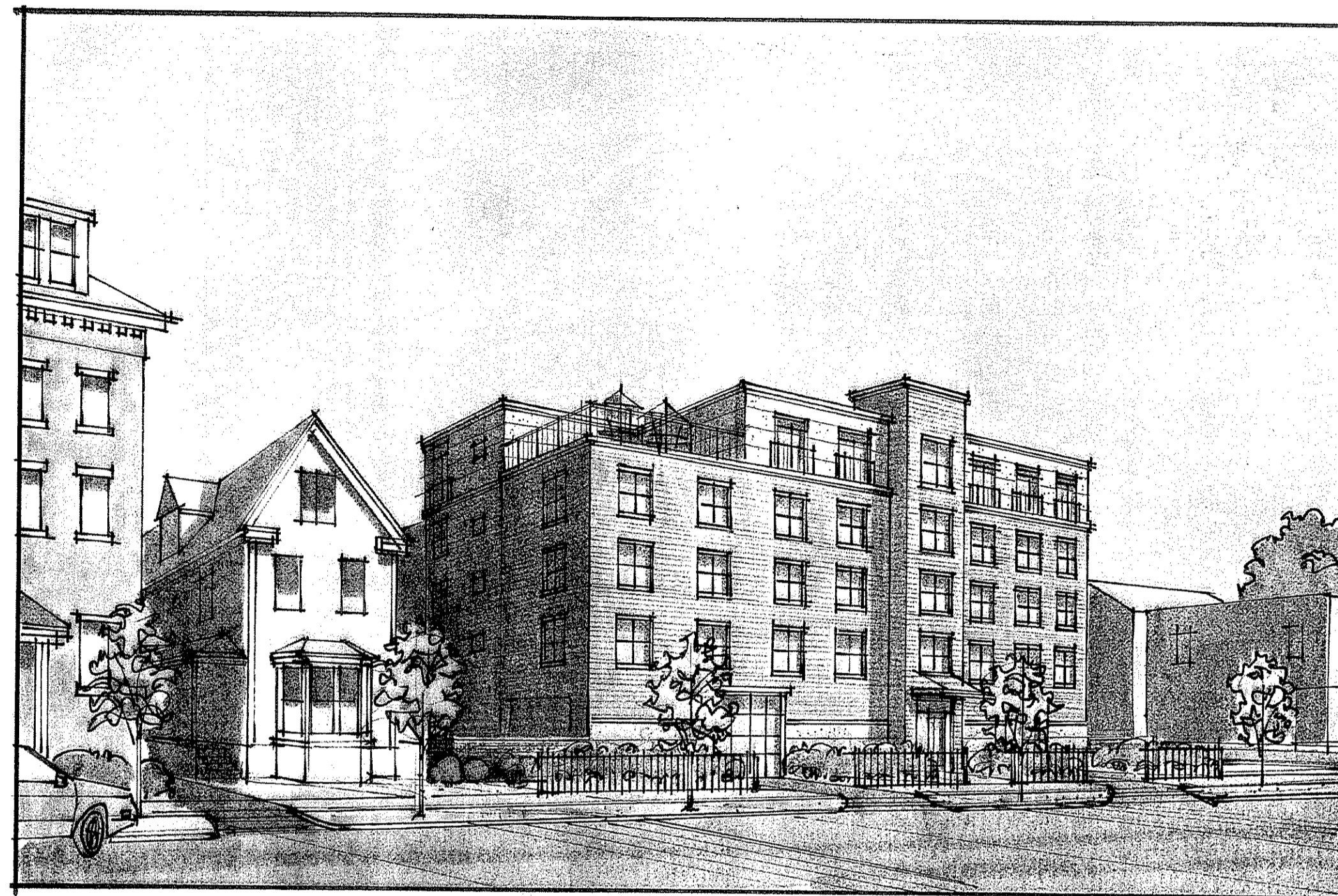
53 DANFORTH

53 DANFORTH STREET PORTLAND, ME



DATE OF ISSUE

50% SET MSHA REVIEW - 28 MAY 2008
 90% SET MSHA REVIEW - 1 JULY 2008
 15 JULY 2008 Pricing Set
 100% SET MSHA REVIEW - 25 JULY 2008
 ISSUED FOR PERMIT - 29 JULY 2008



SIGNATURES:

OWNER: _____ DATE: _____
 ARCHITECT: _____ DATE: _____
 CONTRACTOR: _____ DATE: _____
 MAINE STATE HOUSING AUTH.: _____ DATE: _____
 CONSTRUCTION LENDER: _____ DATE: _____

RELEVANT CODES

IBC-2003	CODE REFERENCE	MAINE STATE HOUSING AUTHORITY	NFPA 101 LIFE SAFETY
USE GROUP R-2 (RESIDENTIAL)	310	10% OF ALL UNITS ACCESSIBLE (5 UNITS) - ANSI 117.1 TYPE 'A'	FIRST FLOOR - OPEN GARAGE (ORDINARY HAZARD) NFPA 3.3.240.6 AND 3.3.197.6
CONSTRUCTION TYPE 5-A (Protected-Combustible)	T-503	ALL OTHER UNITS ADAPTABLE - ANSI 117.1 TYPE 'B'	DEFINITION OF OPEN GARAGE: PERIMETER X 1.4 SQ.FT. = 561 SQ.FT. REQUIRED
R-2 Sprinkled W/NFPA 13	903.3.1.1		SQUARE FEET OF OPENING = 2481 SQ.FT. PROPOSED
12,000sq. ALLOWED WITHOUT INCREASES		MAINE HUMAN RIGHTS COMMISSION	PERCENT OF OPEN AREA ON OPPOSING SIDES (EAST/WEST) = 86% EAST / 76% WEST (40% REQ'D)
[9137sq. PROPOSED]		ACCESSIBILITY CODE TO BE ANSI A117.1 - 1986	2ND, 3RD, 4TH AND 5TH - RESIDENTIAL
ALLOWABLE HGT. WITH SPRINKLER 70'	504.2	FIRE PARTITIONS	BUILDING SPRINKLED WITH NFPA 13
5 STORIES ALLOWED WITH SPRINKLER	504.2		STAIR MATERIALS SAME AS BUILDING CONSTRUCTION NFPA 7.2.2.3.1.2
[5 STORIES PROPOSED]	(SEE 508.4)		USE GROUP SEPARATION - 2-HOUR (No except's used) NFPA 6.1.14.4.1
USE GROUP S-2 (OPEN GARAGE)	311.3	CORRIDOR FIRE PARTITION (NONBEARING) - 1/2 HR T-1016.1 (SEE EX. 2)	TRAVEL DISTANCE = 200 FT NFPA T-42.8.2.6
CONSTRUCTION TYPE 1-B (Non-Combustible)	T-503	CORRIDOR DOORS .33 HOURS IN 1 HOUR WALL T-715.3	FIRE ALARM NOT REQ'D IN SPRINKLED GARAGE NFPA 42.3.4.1.3
1-STORY PARKING (S-2) BELOW GROUP 'R'		CORRIDOR DOORS TO HAVE SMOKE CONTROL 715.3.3	SPRINKLED BLDG. EXIT ENCLOSURE 1 HOUR NFPA 30.2.2.1.2
WHEN CONSTRUCTION TYPE 1	508.4	DWELLING UNIT SEPARATION - 1 HR 708.3	
S-2 Sprinkled W/NFPA 13	903.3.1.1	4-STORY SHAFT - 2 HOURS 707.4	
21,000sq. ALLOWED		DRAFTSTOPPING - N/A 717.3.2 exception 2	
[8032sq. PROPOSED] (Excluding lobby)		ELEVATOR LOBBIES REQUIRED 707.14.1	
Total area= (9161x4) + 8532 = 45,176 sq. ft.		STANDPIPE REQUIRED 905.3.1	
FIRE RESISTANCE FOR TYPE 1		FIRE DEPT. CONNECTION REQUIRED 903.3.7 (AS DIRECTED BY FIRE)	
COLUMNS AND FLOOR/CEILING - 2 HOURS	T-601	ALARM REQUIRED 907.2.9 exception 2	
FIRE RESISTANCE FOR TYPE 5A		SMOKE DETECTORS REQUIRED 907.2.10.1.2	
BEARING WALLS - INT. & EXT. - 1 HOUR	T-601	ELEVATOR MACHINE ROOM - 2-HOUR 3006.4	
NONBEARING WALLS - INT. - 0 HOUR		3' ELEVATOR VENT REQUIRED 3007.3	
NONBEARING WALLS - EXT. - 1 HOUR	T-602		
FLOOR CONSTRUCTION - 1 HOUR	T-601	MEANS OF EGRESS	
ROOF CONSTRUCTION - 1 HOUR	T-601	R-2 OCCUPANT LOAD 9,137/200=46 T-1004.1.2	
EXIT STAIRS - 2 HOURS	1019.1	MINIMUM REQUIRED CORRIDOR WIDTH - 44" 1005.1	
		ELEVATOR BACKUP GENERATOR REQUIRED 1007.2.1	
		INSWING DOOR PERMITTED IN S-2 1017.4	
		ROOF HATCH - 16sq. (MIN. DIM. 2') 1003.3.3.12.1 exception	

CONTACTS

Developer: Maine Workforce Housing, LLC One City Center Fourth Floor Portland, ME 04101	Architect: Archetype P.A. 48 Union Wharf Portland, ME 04101 (207) 772-6022	Structural Engineer: Veitas and Veitas Engineers 639 Granite Street Braintree, MA (781) 843-2863 (781)	Construction Manager: Wright-Ryan Construction, Inc. 10 Danforth Street Portland, ME 04101 (207) 773-3625	Electrical Engineer: Bartlett Design, Inc. 942 Washington St. Bath, ME 04530 (207)-443-5447	Mechanical Engineer: Mechanical Systems Engineers, Inc. 10 Forest Falls Drive Yarmouth, ME (207) 846-1441
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DRAWING LIST

- CIVIL DRAWINGS**
- SURVEY
- C1 SUBDIVISION AND SITE PLAN
- C2 SITE DETAILS
- C3 SITE DETAILS
- C4 SITE WALL DETAILS
- LANDSCAPE DRAWINGS**
- L1 LANDSCAPE PLAN
- STRUCTURAL DRAWINGS**
- S1.01 FOUNDATION & FIRST FLOOR PLAN
- S1.02 SECOND FLOOR FRAMING PLAN
- S1.03 THIRD FLOOR FRAMING PLAN
- S1.04 FOURTH FLOOR FRAMING PLAN
- S1.05 FIFTH FLOOR FRAMING PLAN
- S1.06 ROOF FRAMING PLAN
- S2.01 TYPICAL DETAILS AND GENERAL NOTES
- S2.02 TYPICAL DETAILS
- S3.01 COLUMN AND PIER SECTIONS AND DETAILS
- S3.02 SHEAR WALL ELEVATIONS
- S3.03 SHEAR WALL SCHEDULE AND DETAILS
- S3.04 SHEAR WALL DETAILS
- S4.01 POST TENSIONING SECTIONS AND DETAILS
- S4.02 POST TENSIONING SECTIONS AND DETAILS
- S4.03 POST TENSIONING SECTIONS AND DETAILS
- S4.04 SECTIONS AND DETAILS
- S5.01 SECTIONS AND DETAILS
- S5.02 SECTIONS AND DETAILS

ARCHITECTURAL DRAWINGS

- A1.00 FLOOR PLANS
 - A1.01 FIRST FLOOR PLAN
 - A1.02 SECOND FLOOR PLAN
 - A1.03 THIRD FLOOR PLAN
 - A1.04 FOURTH FLOOR PLAN
 - A1.05 FIFTH FLOOR PLAN
 - A1.06 ROOF PLAN
- A2.00 ELEVATIONS
 - A2.01 BUILDING ELEVATIONS
 - A2.02 BUILDING ELEVATIONS
 - A2.03 BUILDING ELEVATIONS
- A3.00 SECTIONS
 - A3.01 BUILDING SECTION
 - A3.02 BUILDING SECTION

DRAWING LIST cont.

ARCHITECTURAL DRAWINGS CONT.

- A3.00 SECTIONS (CONT.)
 - A3.11 STAIR ONE PLANS, SECTIONS, AND DETAILS
 - A3.12 STAIR TWO PLANS, SECTIONS, AND DETAILS
 - A3.13 ELEVATOR PLANS, SECTIONS, AND DETAILS
 - A3.31 WALL SECTIONS
 - A3.32 WALL SECTIONS
 - A3.33 WALL SECTIONS
- A4.00 WALL / FLOOR TYPES
 - A4.01 WALL ASSEMBLIES
 - A4.02 FLOOR-CEILING-ROOF ASSEMBLIES
- A5.00 DETAILS
 - A5.01 DETAILS
 - A5.02 DETAILS
 - A5.03 DETAILS
- A6.00 ENLARGED FLOOR PLANS
 - A6.00 ENLARGED LOBBY FLOOR PLANS, R.C., AND ELEV'S
 - A6.01 ENLARGED UNIT PLANS
 - A6.02 ENLARGED UNIT PLANS
 - A6.03 ENLARGED UNIT PLANS
 - A6.04 ENLARGED UNIT PLANS
 - A6.05 ENLARGED UNIT PLANS
 - A6.06 ENLARGED UNIT PLANS
- A7.00 SCHEDULES
 - A7.01 DOOR AND WINDOW SCHEDULE
 - A7.02 FINISH SCHEDULE

MECHANICAL/PLUMBING DRAWINGS

- M1.01 MECHANICAL PIPING PLAN FIRST AND SECOND FLOORS
- M1.02 MECHANICAL PIPING PLAN THIRD AND FOURTH FLOORS
- M1.03 MECHANICAL PIPING PLAN FIFTH FLOOR AND ROOF
- M1.04 MECHANICAL DUCTWORK PLAN FIRST AND SECOND FLOORS
- M1.05 MECHANICAL DUCTWORK PLAN THIRD AND FOURTH FLOORS
- M1.06 MECHANICAL DUCTWORK PLAN FIFTH FLOOR AND ROOF
- M2.01 ENLARGED MECHANICAL ROOM PLAN
- M2.02 GENERAL MECHANICAL DETAILS
- M3.01 MECHANICAL EQUIPMENT SCHEDULES
- P1.01 PLUMBING PLAN FIRST FLOOR
- P1.02 PLUMBING PLAN SECOND FLOOR UNDERFLOOR SPACE
- P1.03 PLUMBING PLAN SECOND FLOOR
- P1.04 PLUMBING PLAN SECOND FLOOR
- P1.05 PLUMBING PLAN THIRD FLOOR
- P1.06 PLUMBING PLAN THIRD FLOOR
- P1.07 PLUMBING PLAN FOURTH FLOOR
- P1.08 PLUMBING PLAN FOURTH FLOOR
- P1.09 PLUMBING PLAN FIFTH FLOOR
- P1.10 PLUMBING PLAN FIFTH FLOOR
- P1.11 PLUMBING PLAN ROOF
- P2.01 PLUMBING DETAILS
- P3.01 PLUMBING NOTES AND SCHEDULES

ELECTRICAL DRAWINGS

- E0.01 SITE PLAN AND DETAILS
- E1.01 FIRST FLOOR POWER AND LIGHTING PLANS
- E1.02 SECOND FLOOR POWER AND LIGHTING PLANS
- E1.03 THIRD FLOOR POWER AND LIGHTING PLANS
- E1.04 FOURTH FLOOR POWER AND LIGHTING PLANS
- E1.05 FIFTH FLOOR POWER AND LIGHTING PLANS
- E2.01 UNIT PLANS - UNITS A THROUGH F
- E2.02 UNIT PLANS - UNITS G THROUGH K
- E3.01 ELECTRICAL WIRING DIAGRAMS
- E3.02 FIRE ALARM RISER AND SINGLE LINE DIAGRAM