

Owner: Eugene Roberts Phone # _____
 Address: 167 Grant St Portland, ME 04101
 LOCATION OF CONSTRUCTION 167 Grant St
 Contractor: Cotton & Company Sub.: _____
83 Grandview Ave so. Ptld, ME 04106 Phone # 772-8436
 Address: _____
 Est. Construction Cost: 8,379.92 Proposed Use: 1-fam w/reno
 Past Use: 1-fam
 # of Existing Res. Units _____ # of New Res. Units _____
 Building Dimensions L _____ W _____ Total Sq. Ft. _____
 # Stories: _____ # Bedrooms _____ Lot Size: _____
 Is Proposed Use: Seasonal _____ Condominium _____ Conversion _____
 Explain Conversion: Make Int & Ext renovations as per plans

For Official Use Only
 Date 31 May 1994 Subdivision: JUN - 1 1994
 Inside Fire Limits _____ Name _____
 Bldg Code _____ Lot _____
 Time Limit _____ Ownership: _____ Public _____ Private _____
 Estimated Cost _____
 Zoning: Street Frontage Provided: _____
 Provided Setbacks: Front _____ Back _____ Side _____ Side _____
 Review Required:
 Zoning Board Approval: Yes _____ No _____ Date: _____
 Planning Board Approval: Yes _____ No _____ Date: _____
 Conditional Use: _____ Variance _____ Site Plan _____ Subdivision _____
 Shoreland Zoning Yes _____ No _____ Floodplain Yes _____ No _____
 Special Exception _____
 Other (Explain) WDA - 6-1-94

053-B-023 No structural changes.

Foundation:
 1. Type of Soil: _____
 2. Set Backs - Front _____ Rear _____ Side(s) _____
 3. Footings Size: _____
 4. Foundation Size: _____
 5. Other _____

Floor:
 1. Sills Size: _____ Sills must be anchored.
 2. Girder Size: _____
 3. Lally Column Spacing: _____ Size: _____
 4. Joists Size: _____ Spacing 16" O.C.
 5. Bridging Type: _____ Size: _____
 6. Floor Sheathing Type: _____ Size: _____
 7. Other Material: _____

Exterior Walls:
 1. Studding Size _____ Spacing _____
 2. No. windows _____
 3. No. Doors _____
 4. Header Sizes _____ Span(s) _____
 5. Bracing: Yes _____ No _____
 6. Corner Posts Size _____
 7. Insulation Type _____ Size _____
 8. Sheathing Type _____ Size _____
 9. Siding Type _____ Weather Exposure _____
 10. Masonry Materials _____
 11. Metal Materials _____

Interior Walls:
 1. Studding Size _____ Spacing _____
 2. Header Sizes _____ Span(s) _____
 3. Wall Covering Type _____
 4. Fire Wall if required _____
 5. Other Materials _____

Ceiling:
 1. Ceiling Joists Size: _____ **HISTORIC PRESERVATION**
 2. Ceiling Strapping Size _____ Spacing _____ **Not in District nor Landmark.**
 3. Type Ceilings: _____ **Does not require review.**
 4. Insulation Type _____ Size _____ **Requires Review.**
 5. Ceiling Height: _____
Roof:
 1. Truss or Rafter Size _____ Span *****
 2. Sheathing Type _____ Size Action: Approved
 3. Roof Covering Type _____ Approved with Conditions
Chimneys:
 Type: _____ Number of Fire Places 1 Date 6-1-94
Heating:
 Type of Heat: _____ Signature _____
Electrical:
 Service Entrance Size: _____ Smoke Detector Required Yes _____ No _____
Plumbing:
 1. Approval of soil test if required Yes _____ No _____
 2. No. of Tubs or Showers _____
 3. No. of Flushes _____
 4. No. of Lavatories 2 Use Group R-3 Type 5/B
 5. No. of Other Fixtures _____
Swimming Pools:
 1. Type: Hopper
 2. Pool Size: _____ x _____ Square Footage _____
 3. Must conform to National Electrical Code and State Law.

Permit Received By Mary, Gresick
 Signature of Applicant Daniel Cotton Date 31 May 1994
 City of Portland's District 5

White - Tax Assessor

CONTINUED TO REVERSE SIDE
 Ivory Tag - CEO
 PERMIT ISSUED WITH REQUIREMENTS
 PERMIT ISSUED WITH REQUIREMENTS

BUILDING PERMIT REPORT

Address 167 Grant St Date 1/June/94

Reason for Permit TO MAKE INTERIOR & EXT RENOVATIONS

Bldg. Owner: Eugene Roberts

Contractor: Cotton's Company

Permit Applicant: Daniel Cotton

Approval: *7 *8 *10 *12 *13

CONDITION OF APPROVAL:

1. Before concrete for foundation is placed, approvals from Public Works and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection,.
2. Precaution must be taken to protect concrete from freezing.
3. It is strongly recommended that a register land surveyor check all foundation forms before concrete is placed. This is done to verify that the proper setbacks are maintained.
4. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hr., including fire doors with selfclosers.
5. Each apartment shall have access to (2) separate, remote and approved means of egress. A single exit is acceptable when it exits directly from the apartment to the building exterior with no communications to other apartment units.
6. The boiler shall be protected by enclosing with one (1) hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment. Sprinkler piping serving not more than six sprinklers may be connected to a domestic water supply system having a capacity sufficient to provide 0.15 gallons per minute, per square foot of floor throughout the entire area. An INDICATING shut-off valve shall be installed in an accessible locations between the sprinkler and the connection to the domestic water supply. Minimum pipe size shall be 3/4 inch copper or 1 inch steel. Maximum coverage area of a residential sprinkler is 144 square feet per sprinkler.
- * 7. Every sleeping room below the fourth story in buildings of Use Groups R and I-1 shall have at least one operable window or exterior door approved for emergency egress or rescue. The units must be operable from the inside opening without the use of special knowledge or separate tools. Where windows are provided as a means of egress or rescue, they shall have a sill height not more than 44 inches (1118 mm) above the floor. All egress or rescue windows from sleeping room must have minimum net clear opening height dimension shall be 24 inches (610 mm). The minimum net clear opening width dimension shall be 20 inches (508 mm), and a minimum net clear opening of 5.7 sq.ft.
- * 8. All single and multiple station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the building code 919.3.2 (BOCA National Building Code 1993), and NFPA 101 Chapter 18 & 19.

9. Private garages located beneath habitable rooms in occupancies in Use Group R-1, R-2, R-3 or I-1 shall be separated from adjacent interior spaces by Fire Partitions and floor/ceiling assembly ;lies which are constructed with not less than 1-hour fire resisting rating. Private garages attached side-by-side to rooms in the above occupancies shall be completely separated from the interior spaces and the attic area by means of 1/2 inch gypsum board or the equivalent applied to the garage side. (Chapter 4 section 407.0 of the BOCA/1993).

10. Guardrails & Handrails - A guardrail system is a system of building components located near the open sides of elevated walking surfaces for the purpose of minimizing the possibility of an accidental fall from the walking surface to the lower level. Minimum height all Use Group 42", except Use Group R which is 36". In occupancies in Use Group A, B, H-4, I1, I-2 M and R and public garages and open parking structures, open guards shall have balusters or be of solid material such that a sphere with a diameter of 4" cannot pass through any opening. Guards shall not have an ornamental pattern that would provide a ladder effect.

11. All exit signs, lights and means of egress lighting shall be done in accordance with Chapter 10, section & subsections 1023.& 1024.0 of the City's building code (The BOCA National Building Code/1993).

12. Stair construction in Use Group R-3, R-4 is a minimum of 9" tread and 8-1/4" maximum rise.

13. Headroom in habitable space is a minimum of 7'6".

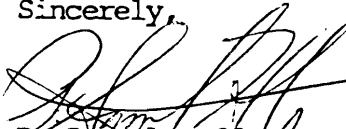
14. The minimum headroom in all parts of a stairway shall not be less than 80 inches.

15. All construction and demolition debris must be disposed at the City's authorized reclamation site. The fee rate is attached. Proof of such disposal must be furnished to the office of Inspection Services before final certificate or occupancy is issued or demolition permit is granted.

16. Section 25-135 of the Municipal Code for the City of Portland states:"No person or utility shall be granted a permit to excavate or open any street or sidewalk from the time of November 15 of each year to April 15 of the following year".

17. The builder of a facility to which Section 4594-C of the Maine State Human Rights Act, Title 5 MRSA refers, shall obtain a certification from a design professional that the plans of the facility meet the standards of construction required by this section. Prior to commencing construction of the facility, the builder shall submit the certification to the Division of Inspection Services.

Sincerely,

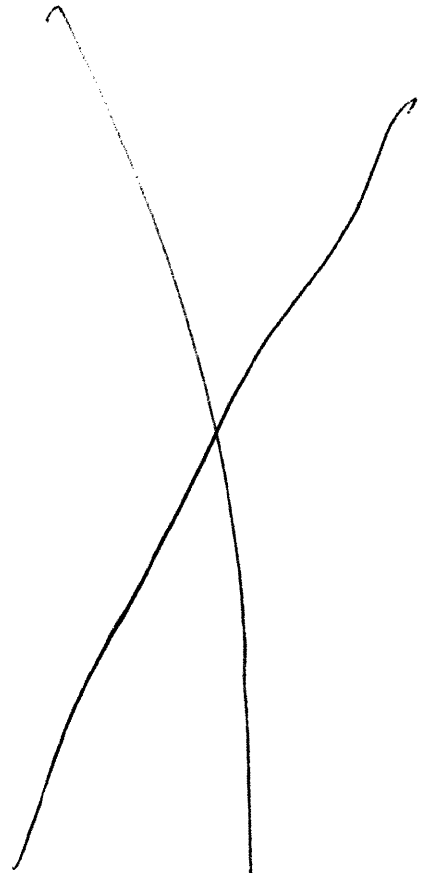


P. Samuel Hoffses
Chief of Inspections

/dmm 01/14/94
(redo w/additions)

9-27-94

Checked work Done thru program
Dunn retail person, full





CITY OF PORTLAND

DEPARTMENT OF PLANNING & URBAN DEVELOPMENT
INSPECTION SERVICES DIVISION

DRAFT

NEIGHBORHOOD CONSERVATION PROGRAM

GENERAL NOTES FOR SPECIFICATIONS.

1. ALL MEASUREMENTS ARE APPROXIMATE AND ARE TO BE VERIFIED BY THE CONTRACTOR.
2. ALL MATERIALS HAVING COLOR OR PATTERNS SHALL BE SELECTED BY OWNER.
3. ALL WORK SHALL BE PERFORMED BY LICENSED JOURNEYMEN MECHANICS (OR BETTER) WHERE REQUIRED.
4. THE PREMISES SHALL BE KEPT CLEAN AND ORDERLY DURING THE COURSE OF THE WORK AND ALL DEBRIS SHALL BE REMOVED AT THE COMPLETION OF WORK.
5. BUILDING, ELECTRICAL AND PLUMBING PERMITS SHALL BE PURCHASED BY THE CONTRACTOR. FAILURE TO SECURE THE REQUIRED PERMITS WILL MEAN: THAT PAYMENTS FOR WORK REQUIRING PERMITS WILL NOT BE MADE UNTIL THE NECESSARY PERMIT(S) HAVE BEEN PURCHASED.
6. WORKMANSHIP AND MATERIALS NOT COVERED BY MANUFACTURER'S WARRANTY SHALL BE COVERED BY CONTRACTOR'S GUARANTEE FOR A PERIOD OF AT LEAST ONE YEAR FROM DATE OF FINAL ACCEPTANCE OF ALL WORK REQUIRED BY THE CONTRACT.
7. ALL WORK SHALL CONFORM TO THE APPROPRIATE CODES OF THE CITY OF PORTLAND.
8. INSTALL SHALL MEAN FURNISH AND INSTALL, UNLESS OTHERWISE SPECIFIED.

NOTE: NO LEAD BASED PAINT CAN BE USED THAT EXCEEDS 1 PER CENT LEAD BY WEIGHT AS REQUIRED BY CIRCULAR HPMC-FHA-4500.5.

Paul Blaine
REHABILITATION SPECIALIST

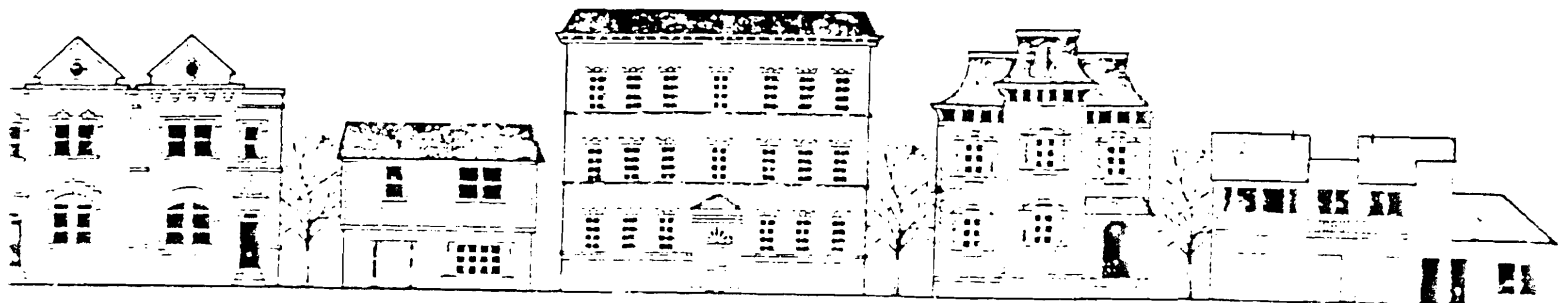


EXHIBIT "A"
EUGENE & EMMA ROBERTS
167 GRANT ST.
PORTLAND, ME. 04102
04/05/94
REVISION #1

SPECIFICATIONS FOR 167 GRANT ST., PORTLAND, ME. 04102.

1ST FLOOR KITCHEN.

ELECTRIC.

A. INSTALL NEW GFCI OUTLET-1ST FLOOR KITCHEN.

1. REPLACE EXISTING OUTLET IN KITCHEN WITH NEW GFCI OUTLET AND PLATE [GE, LEVITON OR EQUAL]. APPROX. QTY= 1 EACH.

B. INSTALL NEW DUPLEX OUTLET-1ST FLOOR REFRIGERATOR.

1. INSTALL NEW DUPLEX OUTLET USING GROUNDED OUTLET [GE, LEVITON OR EQUAL], METAL BOX WITH RABBIT EARS AND 12/2 WITH GROUND ROMEX CABLE, ACCORDING TO THE NEC. QTY= 1 EACH.

FLOORING.

A. INSTALL VINYL FLOOR TILES-1ST FLOOR KITCHEN.

REPAIR FLOOR BY REMOVING EXISTING FLOORING, UNDERLAYMENT AND DAMAGED SUBFLOOR AND DISPOSING.

1. INSTALL 1/4" LUAUN UNDERLAYMENT USING 7d RING-SHANK NAILS OR 1" FLOORING SCREWS: 6" ON FACE AND 4" ALONG SEAM. APPLY LEVELASTIC FLOOR LEVELER [OR APPROVED EQUAL] TO ALL SEAMS CREATED BY NEW UNDERLAYMENT TO CREATE SMOOTH SURFACE. APPROX. QTY= 210 SF / 7 SHEETS.

2. INSTALL NEW 1/8" VINYL FLOOR TILES [ARMSTRONG STANDARD EXCELON, TARKETT ARTFLECS, TARKETT THRU-CHIP OR APPROVED EQUAL] USING FULL SPREAD WATERPROOF CEMENT ACCORDING TO THE MANUFACTURERS SPECIFICATIONS. APPROX. QTY= 210 SF.

PLUMBING.

A. INSTALL NEW FAUCET-1ST FLOOR KITCHEN SINK.

REPAIR LEAKING FAUCET ON KITCHEN SINK BY REMOVING EXISTING AND DISPOSING.

1. INSTALL NEW SINGLE LEVER CHROME PLATED FAUCET WITH METAL CONNECTIONS UNDER A \$65.00 ALLOWANCE. UNIT TO BE MOEN, PEERLESS, DELTA OR APPROVED EQUAL. QTY= 1 EACH.

B. REPAIR DRAIN AND TRAP-1ST FLOOR KITCHEN SINK.

REPAIR DEFECTIVE DRAINAGE PIPING AND TRAP.

1. INSTALL NEW 1-1/2" PVC TRAP AND METAL TAILPIECE TO PUT FIXTURE IN GOOD OPERATING AND SANITARY CONDITION ACCORDING TO THE MAINE STATE PLUMBING CODE. QTY= 1 EACH.

1ST FLOOR BATHROOM.

ELECTRIC.

A. INSTALL NEW GFCI OUTLET-1ST FLOOR BATHROOM.

1. REPLACE EXISTING OUTLET IN BATHROOM WITH NEW GFCI OUTLET AND PLATE [GE, LEVITON OR EQUAL]. APPROX. QTY= 1 EACH.

PLUMBING.

A. INSTALL NEW VANITY-1ST FLOOR BATHROOM.

REPAIR DEFECTIVE LAVATORY BY REMOVING EXISTING UNIT AND DISPOSING.

1. INSTALL NEW CULTURED MARBLE LAVATORY TOP IN NEW 24" FREE STANDING VANITY. VANITY TO BE MERRILATT, YORKTOWNE OR APPROVED EQUAL. LAVATORY TOP TO BE GENERAL MARBLE OR APPROVED EQUAL.
2. INSTALLATION TO INCLUDE NEW SINGLE LEVER CHROME PLATED FAUCET, 1-1/4" PVC TRAP, TWO SHUT-OFF VALVES AND ALL ASSOCIATED TRIM. FAUCET TO BE ELJER, AMERICAN STANDARD OR APPROVED EQUAL.

B. REPAIR SHOWER-1ST FLOOR BATHROOM.

1. REPAIR DEFECTIVE SHOWER BY REMOVING OLD CAULKING AT JOINTS AND INSTALLING NEW WHITE LATEX CAULK.

1ST FLOOR STAIRS TO 2ND FLOOR.

CARPENTRY.

A. INSTALL COMPLETE NEW INTERIOR STAIRS.

REPAIR STAIRS BY REMOVING ALL EXISTING STAIRS AND DISPOSING.

1. INSTALL NEW STAIRS USING NOTCHED 2 X 12 SPRUCE STRINGERS, 1 X 8 PINE RISERS AND 1 1/2" HARD PINE TREADS.
2. APPLY TWO COATS [1 PRIMER AND 1 FINISH COAT] OF EXTERIOR FLAT PAINT [SHERWIN WILLIAMS, DEVOE, CALIFORNIA OR APPROVED EQUAL]. PRIMER COAT TO BE SHERWIN WILLIAMS INDUSTRIAL ENAMEL, DEVOE LATEX ENAMEL UNDERCOAT OR APPROVED EQUAL. FINISH COAT TO BE SHERWIN WILLIAMS INDUSTRIAL ENAMEL, DEVOE PORCH & FLOOR LATEX OR APPROVED EQUAL. ALL WORK TO BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. ALL FINISHES SHALL BE EVENLY APPLIED AND FREE FROM SAGS, RUNS, DRIPS, VOIDS, HOLIDAYS AND BRUSH MARKS.
3. ALL WORK TO CONFIRM TO THE BOCA BUILDING CODE. QTY= 1 SET;
TREADS= 8, # RISERS= 9.

BASEMENT.

ELECTRIC.

A. REPLACE MISSING JUNCTION BOX COVER.

1. REPAIR DEFECTIVE JUNCTION BOX BY INSTALLING NEW METAL COVER. QTY= 1 EACH.

B. REPLACE MISSING SWITCH BOX COVER.

1. REPAIR DEFECTIVE SWITCH BOX BY INSTALLING NEW PLASTIC COVER. QTY= 1 EACH.

CARPENTRY.

A. INSTALL NEW CENTER GIRDER.

REPAIR DEFECTIVE CENTER GIRDER BY SHORING AREA AND REMOVING ROTTING / BROKEN SECTIONS.

1. INSTALL NEW 6 X 6 SPRUCE CENTER BEAM [MAY BE BUILT UP, PROVIDED THE MEMBERS ARE PROPERLY NAILED AND GLUED]. JOISTS SHALL BEAR ON A MINIMUM OF 3-1/2" ON NEW WORK. USE BEAM HANGERS IF NECESSARY FOR PROPER SUPPORT. QTY= 20 LF.

B. INSTALL NEW GIRDER-PARALLEL TO BASEMENT STAIRS.

REPAIR DEFECTIVE GIRDER BY SHORING AREA AND REMOVING ROTTING / BROKEN SECTIONS.

1. INSTALL NEW 6 X 6 SPRUCE BEAM [MAY BE BUILT UP, PROVIDED THE MEMBERS ARE PROPERLY NAILED AND GLUED]. JOISTS SHALL BEAR ON A MINIMUM OF 3-1/2" ON NEW WORK. USE BEAM HANGERS IF NECESSARY FOR PROPER SUPPORT. APPROX. QTY= 20 LF.

C. INSTALL NEW BASEMENT HANDRAIL.

1. REPAIR DEFECTIVE STAIRS BY INSTALLING NEW 2 X 4 SPRUCE [ON FLAT] HANDRAIL AND 2 X 4 SPRUCE POST-ANCHORED TO SOLID FOOTING. QTY= 12 LF.
2. SAND SMOOTH EDGES OF 2 X 4 SPRUCE TO REDUCE SPLINTERING.
3. APPLY TWO COATS [1 PRIMER AND 1 FINISH COAT] OF EXTERIOR FLAT PAINT [SHERWIN WILLIAMS, DEVOE, CALIFORNIA OR APPROVED EQUAL]. PRIMER COAT TO BE PROMAR 200 AKLYD ENAMEL UNDERCOATER, DEVOE AKLYD UNDERCOAT, OR APPROVED EQUAL. FINISH COAT TO BE PROMAR 200 LATEX SEMIGLOSS, DEVOE WONDERTONES SATIN LATEX OR APPROVED EQUAL. ALL WORK TO BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. ALL FINISHES SHALL BE EVENLY APPLIED AND FREE FROM SAGS, RUNS, DRIPS, VOIDS, HOLIDAYS AND BRUSH MARKS.

D. INSTALL NEW SHEETROCK WALLS-MIDDLE BASEMENT ROOM.

REPAIR DEFECTIVE WALLS BY REMOVING WOOD PANELLING BEHIND BOILER AND DISPOSING.

1. INSTALL NEW 5/8" TYPE X [FIRECODE] SHEETROCK FASTENED TO FRAMING USING BUGLE HEAD SCREWS OR RING-SHANKED NAILS. APPROX. QTY= 100 SF.
2. TAPE AND SEAL ALL SEAMS AND NAIL HEADS USING JOINT COMPOUND [U. S. GYPSUM, GOLD BOND OR EQUAL]-USE THREE COAT METHOD. SAND SMOOTH BETWEEN COATS.
3. SAND SMOOTH TOP COAT OF JOINT COMPOUND AND APPLY TWO COATS [1 PRIMER AND 1 FINISH COAT] OF WASHABLE FLAT LATEX WALL PAINT [SHERWIN WILLIAMS, DEVOE, CALIFORNIA OR APPROVED EQUAL]. PRIMER COAT TO BE PROMAR 200 LATEX PRIMER, DEVOE WONDERTONES LATEX PRIMER OR OTHER SUCH PAINT THAT IS LABELED AS A LATEX PRIMER. FINISH COAT TO BE PROMAR 200 LATEX FLAT WALL, DEVOE WONDERTONES LATEX FLAT OR APPROVED EQUAL. ALL FINISHES SHALL BE EVENLY APPLIED AND FREE FROM SAGS, RUNS, DRIPS, VOIDS, HOLIDAYS AND BRUSH MARKS. APPROX. QTY=

E. REPAIR FLOOR / INSTALL VINYL FLOOR TILES-BASEMENT LAUNDRY ROOM.

REPAIR FLOOR BY REMOVING EXISTING FLOORING AND DISPOSING.

1. REMOVE EXISTING SUBFLOOR TO EXPOSE JOISTS. APPROX. QTY= 28 SF.

2. REMOVE ANY ROTTED/DAMAGED JOISTS AND INSTALL NEW 2 X ? [MATCH EXISTING SIZE] SPRUCE JOIST.
3. INSTALL NEW SUBFLOOR [1/2" CDX PLYWOOD OR 3/4" BOARDS] USING 7d RING-SHANK NAILS OR 1" FLOORING SCREWS: 6" ON FACE AND 4" ALONG SEAM. APPROX. QTY= 28 SF.
4. INSTALL 1/4" LUALUN UNDERLAYMENT USING 7d RING-SHANK NAILS OR 1" FLOORING SCREWS: 6" ON FACE AND 4" ALONG SEAM. APPLY LEVELASTIC FLOOR LEVELER [OR APPROVED EQUAL] TO ALL SEAMS CREATED BY NEW UNDERLAYMENT TO CREATE SMOOTH SURFACE. APPROX. QTY= 70 SF.
5. INSTALL NEW 1/8" VINYL FLOOR TILES [ARMSTRONG STANDARD EXCELON, TARKETT ARTFLECS, TARKETT THRU-CHIP OR APPROVED EQUAL] USING FULL SPREAD WATERPROOF CEMENT ACCORDING TO THE MANUFACTURERS SPECIFICATIONS. APPROX. QTY= 70 SF.

HEATING.

A. INSTALL NEW SMOKE PIPE.

REMOVE EXISTING SMOKE PIPE AND DISPOSE.

1. INSTALL NEW GALVANIZED SMOKE PIPE. INSTALLATION TO BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND ALL CITY AND STATE CODES. APPROX. QTY= 1 EACH.

EXTERIOR.

A. REPAIR RAKE BOARDS-FRONT.

REPAIR RAKE BOARDS AND MOULDING BY REMOVING ROTTED SECTIONS, METAL COVERING RAKE BOARDS AND DISPOSING.

1. INSTALL NEW 1 X ? SELECT OR BETTER PINE RAKE BOARDS AND / OR PINE MOULDING [MOULDING TO MATCH EXISTING AS CLOSE AS POSSIBLE] USING GALVANIZED NAILS. APPLY ONE COAT OF WHITE OIL-BASED PRIMER AFTER SEALING ALL KNOTS WITH A SHELLAC BASED SEALER [KILLZ, B-I-N-S OR APPROVED EQUAL]. ALL FINISHES SHALL BE EVENLY APPLIED AND FREE FROM SAGS, RUNS, DRIPS, VOIDS, HOLIDAYS AND BRUSH MARKS. APPROX. QTY= 26 LF.

WINDOWS.

A. REPAIR WOODEN SKYLIGHT.

REPAIR EXISTING WOOD SKYLIGHT BY REMOVING EXISTING SASH, FRAME AND CURBING AND DISPOSE.

1. INSTALL NEW VENTING WOOD SKYLIGHT ON NEW HARDWARE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.
2. APPLY TWO COATS [1 PRIMER AND 1 FINISH COAT] OF EXTERIOR SEMIGLOSS PAINT [SHERWIN WILLIAMS, DEVOE, CALIFORNIA OR APPROVED EQUAL]. PRIMER COAT TO BE PROMAR 200 AKLYD ENAMEL UNDERCOATER, DEVOE AKLYD UNDERCOAT, OR APPROVED EQUAL. FINISH COAT TO BE PROMAR 200 LATEX SEMIGLOSS, DEVOE WONDERTONES SATIN LATEX OR APPROVED EQUAL. ALL WORK TO BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. ALL FINISHES SHALL BE EVENLY APPLIED AND FREE FROM SAGS, RUNS, DRIPS, VOIDS, HOLIDAYS AND BRUSH MARKS.

B. INSTALL NEW VINYL WINDOWS.

REPAIR DEFECTIVE WINDOWS BY REMOVING EXISTING WINDOW SASHES AND STORM WINDOWS AND DISPOSE.

1. INSTALL NEW VINYL REPLACEMENT WINDOW [ALSIDE, CERTAINTED, BIRD TROCAL 730 SERIES, GORDON S-572 OR APPROVED EQUAL] ACCORDING TO MANUFACTURER'S SPECIFICATIONS [INCLUDING INSULATING THE WINDOW WEIGHT CAVITIES AND SILICONE CAULKING]. WINDOWS WILL BE DOUBLE HUNG, WITH TILT OUT SASHES, 7/8" INSULATED GLASS AND HALF SCREEN.
QTY=
2. ANY TRIM OR MOULDING BROKEN BY THE CONTRACTOR DURING REMOVAL OF SAID TRIM / MOULDING WILL BE REPLACED AND PAINTED TO MATCH EXISTING TRIM / MOULDING.
3. APPLY TWO COATS [1 PRIMER AND 1 FINISH COAT] OF EXTERIOR SEMIGLOSS PAINT [SHERWIN WILLIAMS, DEVOE, CALIFORNIA OR APPROVED EQUAL]. PRIMER COAT TO BE PROMAR 200 AKLYD ENAMEL UNDERCOATER, DEVOE AKLYD UNDERCOAT, OR APPROVED EQUAL. FINISH COAT TO BE PROMAR 200 LATEX SEMIGLOSS, DEVOE WONDERTONES SATIN LATEX OR APPROVED EQUAL. ALL WORK TO BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. ALL FINISHES SHALL BE EVENLY APPLIED AND FREE FROM SAGS, RUNS, DRIPS, VOIDS, HOLIDAYS AND BRUSH MARKS.

ROOFING.

A. STRIP OFF EXISTING ROOFING/INSTALL NEW STRIP SHINGLES.

REPAIR ROOF BY REMOVING EXISTING ROOFING DOWN TO SHEATHING.

1. REPAIR DEFECTIVE SHEATHING WITH NEW SHEATHING [MATCH EXISTING 3/4" BOARDS OR 1/2" CDX PLYWOOD]. ALLOW FOR REPLACEMENT OF 10% OF TOTAL ROOF AREA. APPROX. QTY= 125 SF.
2. LAY DOWN 15# FELT. APPROX. QTY= 1250 SF / 12.5 SQ.
3. INSTALL 8" ALUMINUM DRIP EDGE AT EAVE EDGE AND RAKE. APPROX. QTY= 160 LF.
4. INSTALL 3' WIDE 'GRACE' ICE & WATER SHIELD [OR APPROVED EQUAL] AT EAVE EDGE & ALL VALLEYS. APPROX. QTY= 104 LF / 312 SF.
5. INSTALL NEW ASPHALT 3-TAB STRIP SHINGLES-235# PER SQUARE [IKO AM ARMOUR SEAL, CELOTEX SOL-SEAL 20, CERTAINTED SEALDON 20 OR APPROVED EQUAL] USING ROOFING NAILS [STAPLES ARE NOT TO BE USED]. SHINGLES TO HAVE A 20 YEAR WARRANTY. WORK TO INCLUDE ALL NECESSARY METAL FLASHINGS. SHINGLES TO CARRY NATIONAL UNDERWRITER'S CLASS 'C' LABEL. APPROX. QTY= 1250 SF / 12.5 SQ.

SIDING.

A. INSTALL NEW VINYL SIDING-FRONT ENTRANCE PORCH.

1. REPAIR SIDING BY INSTALLING NEW VINYL SIDING TO FRONT ENTRANCE.
2. PREPARE WALLS BY RE-NAILING EXISTING SIDING TO PROVIDE SMOOTH SURFACE.
3. INSTALL ALL REQUIRED SPRUCE LATHS OR STARTER STRIPS.
4. DOUBLE FOUR (8") OR DOUBLE FIVE (10") VINYL SIDING [ALCOA LIBERTY, CERTAINTED OR APPROVED EQUAL] SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. MATCH EXISTING COLOR FROM MANUFACTURER'S STANDARD COLORS. APPROX. QTY= 150 SF.
5. WORK TO INCLUDE ALL STARTER STRIPS, J MOULDING AND CORNER BOARDS.