

APPLICATION FOR PERMIT

DEPARTMENT OF BUILDING INSPECTIONS SERVICES ELECTRICAL INSTALLATIONS

•	Date	6/6/90	, 19
M 41 CHANGE ME CONTROL OF THE CONTRO	Receipt a	and Permit nur	nber <u>0/34</u> 2
To the CHILF ELECTRICAL INSPECTOR, Portland, Maire: The undersigned hereby applies for a permit to make electrical install	lations in	accordance evit	h the laws of
- MAUNIC, WILL TUTLUMED PROPERTIONS APPROPRIES THE NATIONAL PROPERTY IN J	I 41	77 1 14	
LOCATION OF WORK: 335 Brighton Ave. (OHM) - ne OWNER'S NAME: 0 H M ADDRESS: sa	W COMPU	ter room o	on 2nd 3rd
1 1001000 50	me		FEES
OUTLETS:			
Receptacles 32 Switches 15 Plugmold ft. TOT FIXTURES: (number of)			
Incandescent Flourescent 43 (act strip) TOTAL 4			5.30
Strip Flourescent ft			
Overhead Underground Temporary TOT	AL amper	res	
Fractional 1 HP or over PHESIDENTIAL HEATING.	• • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
TRIBUDENTIAL ITEMING:			
Oil or Gas (number of units)			
Electric (number of rooms)COMMERCIAL OR INDUSTRIAL HEATING:		••••••	
I DODITAD HEATING:			
Oil or Gas (by a main boiler) Oil or Gas (by separate units)	• • • • • • • • • • •	•••••	
Diecula Office, 50 kms ()004 30 kms	, 	• • • • • • • • • • • • • • • • • • • •	
.a. z zmarozo. (number or)		• • • • • • • • • • • • • • • • • • • •	
Ranges Water Heaters Cook Tops Disposals			

Wall Ovens Dishwashers Dryers Compactors			
Woma .			
TOTAL			
MISCELLANEOUS: (number of) Branch Panels 2			
Transformers 2	• • • • • • • • • • • • • • • • • • • •	••••••	
Air Conditioners Central Unit 2			
Suparate Units (Windows)			5.00-
Digits at by, it, and under			
Over 20 sq. ft	• • • • • • • • • •	• • • • • • • • • • • •	
rite/ Durgial Adams Aesidential			
Commercial	•••••	• • • • • • • • • • • • • • • • • • • •	
ricary Duty Outlets, 220 voit (such as welders) 30 amps and under	er		
Circus, Fairs, etc			-
Alterations to wives			
Repairs after fire Emergency Lights, battery Emergency Concretes			
Emergency Lights, battery	• • • • • • • • • • •		
Emergency Generators INSTALLAT			
FOR ADDITIONAL WORK NOT ON ORIGINAL PERMIT DOUI FOR REMOVAL OF A "STOP ORDER" (304-16.b)	ים יום יום	DITE.	
TOTAL	AMOUNT	DUE:	21.30
INSPECTION:			
Will be ready on 6/11 am 10 con 10/11 Call			
CONTRACTOR'S NAME: Bay Electric Co. ADDRESS: Bxo 6316; Cape Eliz.ME TEL: 799-0350			
ADDRESS: Bxo 6316; Cape Eliz.ME			
MASTER LICENSE NO.: #09171 SIGNATURE OF C	CONTRAC	TOR:	
LIMITED LICENSE NO.:	London		

INSPECTOR'S COPY — WHITE
OFFICE COPY — CANARY
CONTRACTOR'S COPY — GREEN

CDEC 3 0 1990 CITY OF PORTLAND 11-01 1-04 Customer BRIGHTAN MEDICAL Location FORTAND Salesperson FOD ISENN Designer SHERRY COLT 60 59 Ft PERMIT PAIN Scale & 1-0" Date 12/12/90 Sheet ____ of ___ Job/W.O.# (ACCEPTANCE SIGNATURE/DATE)
Project # Drawing #

Please fill out any part which applies to job. Proper plans must accompany form.	CATION Fee \$75.30 Zone Map # Lot#
Owner: Brighton Madical Center Phone # 879-8006	<u></u>
Address: 335 Brighton Avenue, Portland, Maine 19172	For Official Use On BERMIT ISSUE
LOCATION OF CONSTRUCTION XXXXX BEST BEIGHT / AV W	
LOCATION OF CONSTRUCTION XXXXXX EXPORTED TO THE CONSTRUCTION XXXXXXX EXPORTED TO THE CONSTRUCTION XXXXXXX EXPORTED TO THE CONSTRUCTION XXXXXXXX EXPORTED TO THE CONSTRUCTION XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Inside Fire Limits
Consolidated Constructors Contractor and Builders, Inc. Sub.:	Bldg Code Ownership: Public
Address: 650 Main St., So. Portland Phone # 771-2626	Time Limit.
	Estimated Cost 10,985,00
Est. Construction Cost: \$10,985.00 Proposed Use: X-Ray Room	Zoning: Street Frontage Provided: Back Side Side
Past Use: NA	Provided Setbacks: Front Back Side Side
# of Existing Res. Units # of New Res. Units	Review Required:
Building Dimensions LWTotal Sq. Ft	Zoning Board Approval: Yes No Date:
Stories: # Bedrooms Lot Size	Planning Board Approval: Yes No Date:
	Conditional Use: Variance Site Plan Subdivision Shoreland Zoning Yes No Floodplain Yes No No
Is Proposed Use: Seasonal Condominium Conversion	Special Evacation
Explain Conversion to convert corridor to X-ray room as per floor	plan Other Exclain Ceiling: Existing 1. Ceiling Joists Size:
	Ceiling: Existing
Foundation: NA	Ceiling Existing 1. Ceiling Joist Size: 2. Ceiling Strapping Size 3. Type Ceilings: Does not require review.
1. Type of Soil: 2. Set Backs - Front Rear Side(s)	2. Celling Strapping Size Spacing Does not require review.
8. Footings Size:	4. Insulation Type Size Requires Review
3. Footings Size: 4. Foundation Size:	5. Ceiling Height:
5, Other	5. Ceiling Height: Roof: NA 1. Truss or Rafter Size 2. Sheathing Type 3. Roof Covering Tyre Chimneys: NA Type: Heating: Existing Type of Heat: Type of Heat: Hot Air Electrical: Existing
Floor: Existing - slab on grade	2 Sheething Type Size Size
1. Sills Size: Sills must be anchored	3. Roof Covering Tyre
2. Girder Size:	Chimneys: NA Signature
2: Girder Size: 1 Lally Column Spacing: 2 Joint Size: Spacing 16" O.C.	Type: Number of Fire Places
5. Bridging Type; Size:	Type of Heat: Hot Air
4. Jointa Size: Spacing 16" O.C. 5. Bridging Type: Size: 6. Floor Sheathing Type: Size: 7. Other Material:	Electrical: Existing Service Entrance Size: Smoke Detector Required Yes No
7, Other Material:	Course Patrouse Circ. 1 Carella Detectas Descripted Von Ma
Exterior Wallet NA	Plumbing Existing getty of plansing life and pla
1 Studding Size Spacing	2. No. of Tubs or Showers
	3. No. of Wilkings
3.9 lo, Doors	4. No. of Lavatories
3. Po Doors 4. Honder Sizes Span(s) 5. Bracing: Yes No.	4. No. of Lavatories 5. No. of Other Fixtures Swimming Pools: NA
6. Corner Posts Size	
6. Corner Posts Size 7. Insulation Typo Size Made: Sneathing Type Size Washer Evacuum	Type:
8. Sheathing Type Size	3. Must conform to National Electrical Code and State Law.
9. Siding Type Weather Exposure	
West 15 Mate Malariale	A CHILLY ACCOUNTS BY
Interior Walls: 1 Studding Size 3 Metal Spacing 16" o.c. 2 Header Sizes 32 Boxed Span(s) 36" 3 Wall Covering Type 5/B" GWB, lead lined a painted	Signature of Applicant Par Par Trip
17. Studding Size 37. Metal Spacing 16" o.c.	Poter Without SITED
2. Header Sizes 52 BOAGU Span(s) 30	Signature of CEO WARANTE TO TRANSPORT 12-12-61.
4. Fire Wall if required	
6. Other Materials	Permit Received By Latini Signature of Applicant Profit Choice SUED Signature of CEO 4 Applicant Profit Choice SUED Inspection Dates
OPC: .01 .590 White-Tax Assesor Yellow-GPC	COG White Tag-CEO © Copyright GPCOG 1988
A.S	191 MA. KOW C

PLOT PLAN	N	
FEES (Breakdown From Front) Base Fee \$	Inspection Record Type Date	
COMMENTS 2 sets of plans (fluor) submitted -//25/9/		
Signature of Applicant John Lymna	Date Dec. 10, 1990	



Inspection Services Samuel P. Hoffses Chief

Planning and Urban Development Joseph E. Gray Jr. Director

CITY OF PORTLAND

December 14, 1990

RE: 335 Brighton Avenue - (X-Ray Room)

Consolidated Constructors & Builders Inc. 650 Main Street South Portland, Maine 04106

Dear Li.:

Your application to convert corridor to X-ray room has been reviewed and a permit is herewith issued subject to the following requirements:

No certificate of occupancy can be issued until all requirements of this letter are met.

- Door width shall be in accordance with Section 12-2.3.5 of the N.F.P.A. 101 Life Safety Code.
- Sprinkler protection of the area shall be provided in accordance with N.F.P.A. #13.

If you have any questions regarding these requirements, please do not hesitate to contact this office.

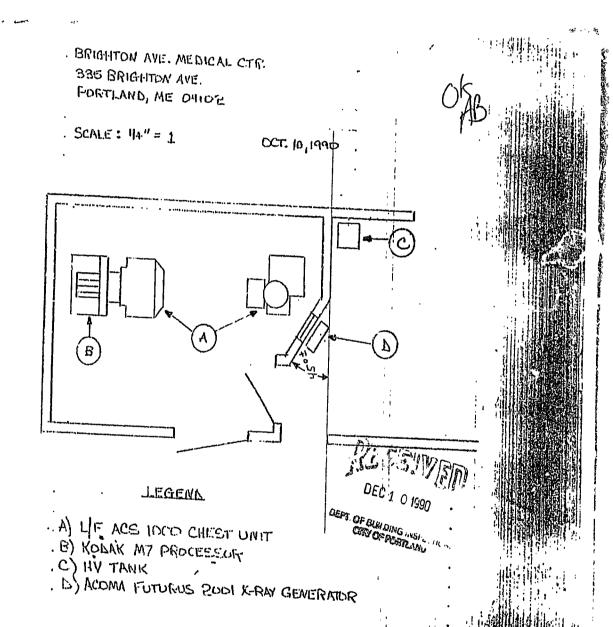
Sincerely,

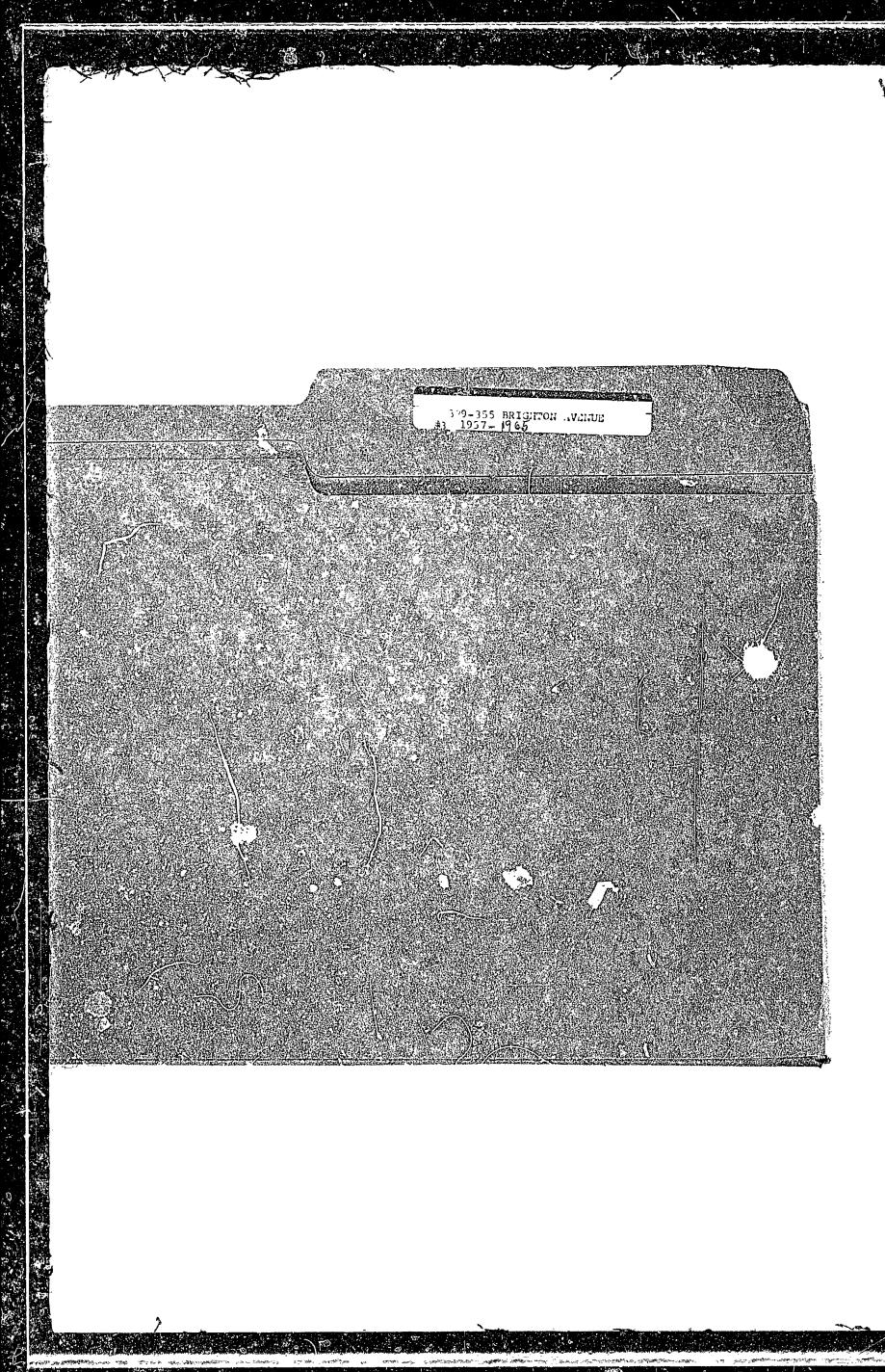
P. Samuel Horrises Chief of Inspection Services

/e1

cc: I.f. Wallace Garroway, Fire Prevention Bureau

389 Congress Street · Portland, Maine 04101 · (207) 874-8704







APPLICATION FOR PERMIT

Class of Building or Type of Structure Installation...

PERMIT ISSUED

TATIS PO	Portland, Ma	ine, Aug	ust 6, 1965		ITY of PURTLAND
To the INSPECTOR OF BUILD	OINGS, PORTLAND	p MAINE		•	
The undersigned hereby app in accordance with the Laws of the specifications, if any, submitted her Location 335 Brighton Av	State of Maine, the ewith and the follow	Building Co	ode and Zoning	Ordinance of the C	city of Portland, plans and
Owner's name and address	steopathic Ho	spital of	Maine, 335	Brighton Ave	- T-11
Lessee's name and address			and delay	DILEGIIOOII AVC	1 Telephone
Contractor's name and address	Pettengill Ro	35 Co. 5'	7 Crose St		Telephone
Architect		Snoother.			Telephone (12-0223
Architect Proposed use of building	Hoon	Specificat	uons	Plansy.es	No. of sheets
Last use	M Milderson and American and Am	LUGIL	***************************************	***************************************	No. families
Last use No station		***************************************		***************************************	No. families
Material No. stories .	neat	51	tyle of roof	······································	Roofing
Other buildings on same lotEstimated cost \$	re to artificite thère and tresserve the present constitue to	}	**************************************	·····	
SOUTHERE COSE Vicinion Supering Control of the Cost of				_	Fee \$ 2,00
	General D	escription	of New Wo	rk	
To install hood for (to be connected	to existing e	xhaust sy	stem)	(BELAT	e Dj
It is understood that this permit doe the name of the heating contractor.	s not include instal PBCMIT TO B	lation of hea B ISSUED	ling apparatus i TO Petten	which is to be taken	n out separately by and in
				OO SEON LLES	
Is any niumbing involved in this	Deta	ils of Nev	v Work		
Is any plumbing involved in this was connecticated by made to public	' 'cawar	18 ar	ly electrical wo	k involved in this	s work?
Has septic tank notice been sent?		Form	or, what is prop	osed for sewage?	p
Height average grade to top of pla	te	Liniaht.	a nouce sents		
Size, frontdepth	No stories	aligiotae. bilon	average grade t	nignest point of	root
Material of foundation	Tk!		or mied landr	ea	rth or rock?
Kind of roof	Rice per foot	D	DOTTO	n cellar .	**************************************
No. of chimneys Ma	terial of chimney		covering		***************************************
Framing Lumber-Kind	Dressed or full		uing	Kind of heat.	fuel
Size Girder Colum	ans under girders		Ciza	posts	Sills
Stude (outside walls and carrying	partitions) 2x4-16	O. C. Bride	ring in arose A	max. ol	1 centers
Joists and rafters: 1st	floor	2nd	2 2 2	or and hat roof	span over 8 feet.
On centers: 1st	floor	2nd	- 2×		., roof
Maximum span: 1st	floor	2nd	3		., roof
If one story building with masonry	walls, thickness o	f walls?	, OI	* ************************************	n 1001 mananananananananananananananananananan
·				***************************************	icignit
No care now accommodated an array		If a Garas	ge		
No. cars now accommodated on sar	ne lot, to be a	ccommodate	dnumber o	ommercial cars to	be accommodated
Will automobile repairing be done o	ouier than minor r	epairs to car	s habitually sto	red in the propos	ed building?
OVED:			ľ	Aiscellaneous	
9. E. M	1	Will work re	equire disturbin	g of any tree on a	public street?
างเคราะเกราะเกรียกการสุดเกราะสายเกราะเกราะสายเกราะเกราะสายเกราะสายเกราะสายเกราะสายเกราะสายเกราะสายเกราะสายเกรา	11011111111100000000000000000000000000				a person competent to
เกาะเราะนายากระบบกับเกาะเราะนายากระบบการกระบบการกระบบการกระบบการกระบบการกระบบการกระบบการกระบบการกระบบการกระบบก					pertaining thereto are
	1	observed?	yes		
			<u>O</u> s	teophthic Hos	spital of Maine

INSPECTION COPY

Signature of owner By

NOTES Form Check Notice Cert. of Occupancy issued Final Notif. nspn. closing-in 8-12065 Completed

ile.

JAMES SAUNDERS ASSOCIATES ARCHITECTS portland maine

baxter building

James C. Saunders AIA Thomas V. Galland

JUNE 18TH, 1963

ALBERT J. SEARS, DIRECTOR DEPT. OF BUILDING INSPECTION CITY OF PORTLAND PORTLAND, MAINE

DEAR MR. SEARS: RE: CHRONIC CARE UNIT,
OSTEOPATHIC HOSPITAL OF
MAINE, #6201

WE ARE ENCLOSING A LETTER AND INFORMATION WHICH WE HAVE RECEIVED FROM THE CROSSFIELD PRODUCTS CORP. RELATIVE TO THE MATERIAL WHICH WE PROPOSE TO USE ON THE SUN DECK, SUBJECT PROJECT. THIS IS IN COMPLIANCE WITH YOUR REQUEST IN REVIEW OF MAY 20TH, 1963.

SINCERELY,

JCS;DEL ENCLS.

JAMES C. SAUNDERS.

RECEIVED

JUN 19 1963

BEPT, OF BLD'G, INSP.



CROSSFIELD PRODUCTS CORP.

Manufacturers of DEX-O-TEX Since 1938

Cable Address
"Crossprod, Roselle, N. J."

EASTERN OFFICE
140 VALLEY ROAD, ROSELLE PARK, NEW JERSEY • CHestnut 5-2800

(in duplicate)

June 14, 1963

Mr. James Saunders
James Saunders Associates, Architects
c/o Mr. F. P. Goodwin
New England Decks & Floors, Inc.,
P. O. Box 56
Needham Heights 94, Mass.

Re: DEX-O-TEX - Fire Restivity of Weatherwear Traffic Bearing Roof Deck Covering.

Dear Mr. Saunders:

Frank Goodwin of New England Decks & Floors, Inc. has kindly referred your letter of June 10th to us for reply. As you may recall, your letter requested additional laboratory data and approval literature relating to the resistive nature of DEX-O-TEX Weatherwear.

Inasmuch as DEX-O-TEX Weatherwear is neither an asphaltic nor a shingle product and, moreover, is non-inflammable, the flame propagation tests sometimes employed for such materials does not precisely apply. In addition, since DEX-O-TEX Weatherwear does not soften with heat, the typical maximum slope provisions also are not applicable.

Thus, the only valid test for fire resistivity of DEX-O-TEX Weatherwear is the "burning brand" test which has been adopted by the City of New York and many other States and localities.

Enclosed is a photostat of tests conducted under the supervision of the United States Testing Co. These tests supplemented, and in large part duplicate, the tests run by the City of New York. You will notice that, on the last page of the U. S. Testing Report, the flame spread is shown as being only one foot. Also enclosed are photographs of this test. The first photograph shows the burning "brand" which the second photograph shows the cut out section of roof demonstrating the extent of "char" of the DEX-O-TEX

continued.....

SYSTEMS FOR FLOOR AND DECK COVERINGS, UND. ALAYMENTS AND SPECIALTY ADDESIVES . COMPTON, CALIF. . ROSELLE PARK, N. J. . CHICAGO, ILL, . PASCAGOULA, MISS.

Mr. James Saunders

June 14, 1963

Weatherwear (note no flame spread) plus the scorched plywood (simulating a structural wood deck). The scorched plywood is due to superheated air formed under the DEX-O-TEX Weatherwear.

On the basis of the above tests, which are obviously most stringent, we have been granted approval for all types of structures by the following bodies:

- (1) International Conference of Building Officials.
- Southern Building Code Congress.
- (3) City of Cleveland.
- (4) City of Toronto.
- (5) Government of the District of Columbia (Washington, D. C.).
- (6) County of Los Angeles.
- (7) City of New York.
- (8) City of Cleveland.

Photostats of several of the above approvals are enclosed. Insofar as we are aware, the above constitute the only cities or state organizations which give actual written approvals of building products.

There are, of course, many DEX-O-TEX Weatherwear installations located in all types of buildings (including 60,000 sq. ft. over the main glass furnaces at the Owens Corning Fiberglas plant, Newark, Ohio plus countless hospitals throughout the United States).

Trusting that the enclosed data meets your requirements and assuring you of our desire to assist in any way possible, I am

> Very truly yours, CROSSFIELD PRODUCTS CORP.

Richard M. Watt

RMW/fl

enc: U.S. Testing Report

(2) Photographs

File Code R-16, S-8, R-14, A-7, S-7, A-4.

GOVERNMENT OF THE DISTRICT OF COLUMBIA DEPARTMENT OF LICENSES AND INSPECTIONS OFFICE OF THE DIRECTOR Washington, D. C.

CERTIFICATE OF APPROVAL



Research File No. RE 62-57 (B.M.)

Name of Applicant Crossfield Products Corporation

Address of Applicant 140 Valley Road Roselle Park, New Jersey

Date of Application March 16, 1959

Name of Product or System

DEX-O-TEX Weather Wear Roof Deck

Description of Product or System
A neoprene-asbestos job applied roof surfacing providing an excellent surface which is durable and resists wearing from traffic. Surface meets the requirements for Class 2

Requested Use As an approved Class 2 (Class B) roof surfacing system.

Verification Submitted Pittsburg Testing Lab. Test No. NY 768

Accepted Use

Same as requested.

Reevaluation of previously approved system.

Code Authority Article 3 of Chapter 9 Section of the

1961 D. C. Building Code

Recommended for Approval by the Research and Standards Engineer

Date of Publication of Kneek tox Approval

Concurred in: (Name and Title)

WILLIAM N. DRIPTS

Published In:

Superintendent, Inspection Division

D. C. Register

March 19, 1962

APPROVED SUBJECT TO CONDITIONS LISTED ABOUT

February

(This approval shall not be used for advertising purposes).

CODE FOR RESEARCH FILES:

B.M. Elec.

Building Material

Electrical

Elevator

H.A.C.V.

Heating, Air Conditioning and Ventilation

S.S.

Plumbing Structural System

Elev. Form LI-D-1 EH. 5/19/61

FILE COL 1 A-7

JOHN A. LAMBIE COUNTY ENGINEER FORD S. DODDB CHIEF DEPUTY

COUNTY OF LOS ANGELES

DEPARTMENT OF COUNTY ENGINEER BUILDING AND SAFETY DIVISION

108 WEBT BECOND STREET LOS ANGELES 12, CALIFORNIA MADISON 9-4747 CABBATT D. BRIFFIN
BUPT OF BUILDING
WILLIAM A. JENBEN
ASS'T BUPT OF BUILDING
CLYDE N. DIRLAM
PRINCIPAL STRUCTURAL ENDR
ARTHUR C. VEIT
BUPERVISING ELECTRICAL ENDR.
ROBERT A. WOOD
SUPERVISING MECMANICAL ENDR.

July 10, 1957

Crossfield Products Corp. 2153 Sacramento Street Los Angeles 21, California

Attention: 0. T. Querness, Secretary

Dear Sir:

In answer to your request dated May 20, 1957 the appro. 4 D-302 "Dex-0-Tex Material for Walking Decks" has been renewed.

This approval is for a period of two years from date, at which time a request shall be made for re-examination.

Yours very truly,

John A. Lambie COUNTY ENGINEER

Clyde N. Dirlam Principal Structural Engineer

CND-BKK:en

United States Testing Company, Inc.

DOSTON DENVER DALLAS MEMPHIS

HOBOKEN, N. J.
TELEPHONE: SWARTHMORE 2-2400

NEW YORK PHILADELPHIA PROVIDENCE LOS ANGELES BROWNSVILLE

REPORT OF TEST

69177

Crossfield Products Corp.

Rour Deck Covering

Dox-O-Tex Weatherwear

April 27, 1960



SIGNED FOR THE COMPANY

THE DET OF THE MARE OF UNITED STATES TESTING. CCHEANY, DIG. 1. SET THE OUR PRICE AND THEIR COMMUNICATION TO ANY OTHERS TO SHE SAMPLE TESTED AND TO THE SET ATTUALLY COMDUCTS THEY ARE NOT APPROVAL, OUR LETTERS, REPORTS AN EASIEUR OF THE SAMPLE BOOK OF THE SUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS. SAMPLES NOT DESTROYS, IN YESTING ARE STATED.



and the state of t UNITED STATES T"TING COMPANY, INC. 1415 PARK AVENUE HOBOKEN, N. J.

Report No. 69177

ADMINISTRATIVE DATA

TEST ITEM: Roof deck covering, Dex-O-Tex Weatherwear

PURPOSE OF TEST: To subject a sample panel to a Fire Brand test in accordance with Building Laws of New York City, Volume II.

MANUFACTURER: Crossfield Products Corp. 140 Valley Road, Roselle Park, N. J.

TYPE OF MATERIAL: Weatherwear roof deck covering

QUANTITY OF ITEMS TESTED: One panel

REFERENCES: a) Crossfield Products Corp. letter of February 26,

b) Order for Test dated April 18, 1960

c) New York City Building Laws Volume II

DATS TEST COMPLETED: April 27, 1960

WITNESSED BY: United States Testing Company, Inc. (USTC)

DISPOSITION OF SPECIMEN: Retained by Crossfield Products Corp.

Engineering Supervisor:

Project Engineer:

Page 1

CALARI

UNITED . ALED . IS G COWPART INC.

Report No. 69177

Requirements:

A sample panel of Dex-O-Tex Weatherwear roof covering shall be subjected to the Fire Test of Roof Coverings in accordance with EUILDING LAWS OF THE CITY OF NEW YORK VOLUME II, Paragraph C26-608.0. The fire brand shall be entirely consumed without exposed of the fire more than one foot beyond the area directly exposed and without ignition of the deck (panel) construction. All flame shall die out in less than five minutes after the brand is consumed.

Test Procedure:

A representative of USTC shall witness a test at the Crossfield Products Corp. facility. The Fire Brand test shall be conducted in accordance with the pertinent provisions of the referenced specification as follows:

C-85-605.0

Test samples shall consist of complete assemblies of roof deck and covering. The deck construction shall be of that type on which the covering is to be applied in practice. The test sample dimension of three (3) feet.

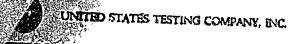
C-26-507.0

- a. The brand shall consist of thirty-six (36) pieces of Kiln-dry spruce 3/8" x 3/8" x 6" placed in three (3) tiers of twelve (12)
- b. The brand shall be ignited and, when burning free; y, shall be set in place on the surface of the test sample, with a fan shall be set five (5) feet from the brand and shall produce an air velocity of six (6) m.p.h.

Page 2

3 A Bi

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Test Results:

The fire brand test was conducted in accordance with the previously described test procedure. The brand was entirely consumed within the spread limit of one foot and without ignition of the deck construction. All flame died out in three minutes after the brand was consumed. The deck panel tested therefore complies with the requirements of the Fire Test of Roof Coverings specified in the Building Laws of the City of New York, Volume II.

Report No. 69177

The test was initiated and completed April 27, 1960.

Page 3

DEX-O-TEX DEA-U-TEX CROSSFIELD PRODUCTS CORPORATION COMPTON, CALIFORNIA

- I. Introduction: At the request of Crossfield Products Corporation, Compton, California, the Research Committee of the International Conference of Building Officials has made a study of the test data submitted in connection with the the International Conference of Building Officials has made a study of the test data submitted in connection with the use of Dex-O-Tex as an approved floor and roof with the and has noted that the Uniform Building Code does not take
- into consideration this type of material.

 II. Description: Dex-O-Tex is a stabilized compound of neoprene latex combined with a dehydrating powder and a select or rigid wood subsurfaces in a spriled over concrete, material is applied only a series of trowel applications to form a roof deck for traffic-bearing areas. The Crossfield Products Corporation.
- A complete Weatherwear installation comprises the foi-
- A complete weatherwest sistemation completes the solowing:

 1 One layer of Johns-Manville 15-pound perforated asbest
 tos felt is laid over the entire area. All joints are lapped
 to a minimum of two inches (2") and the top lap
 emented to the under felt with a quick setting rubber
 delesive, similar or equal to Minnesota Minings EC-104,
 using care to prevent the adhesive from squeezing from
 the covering of large areas is involved, a blaid. If
 the covering of large areas is involved, a blotch of
 tenters, leaving free floating areas not in excess of apsq. ft.), two hundred and fifty square feet (250)
- 2. After the above cement has set sufficiently, the felt is covered with an application of Dex-O-Tex bondcoat consisting of a mixture of No.23 paste and bondt, at powder facturer. This proportions as designated by the manuscript in thickness, and shall extend up parapet about four inches (4"),
- S. After the above coating has dried sufficiently, one coat of Dex-O-Tex primer is troweled over the entire area to form a monolithic water profession to form a monolithic water profession to the entire area primer is also returned up walls, etc., to cover the bonds wall, is reinforced with a sirp of seven and one-half veliforcing approximately nine inches (9") wide. This reinforcing is so placed that it extends three inches sembeded completely in the primer membrane while

B. What About "

- 4. When the above coat of primer has cured sufficiently a second coat of primer is troweled over the entire first coat, which, combined with the first coat when cured, mately one thirty-second inch (1/32") in thickness.
- 5. After the second coat of primer membrane has dried sufficiently the wear coat is applied, troweled to a thickness of one-eighth inch (%) to one-fourth inch (%) over the entire deck area. This wear coat consists of a mixture of stabilized neoprone pasts and neother powder containing silica aggregate, in the proportion of the property of the prope
- 6. After this wear coat has cured sufficiently, a surface slightening and amouthing top coat is applied, consistening of a mixture of stabilized neoprenc paste und toping powder in the proportion designated by the manufacturer. This mixture shall be of a suitable consistency facturer. This mixture shall be of a suitable consistency for smooth troweling and shall be scraped only by surface voids. This mixture shall be scraped only by surface voids. This moothing cost extends up and over surface voids. This smoothing cost extends up and over brane previously applied. In order that this base may be the vertical surfaces at an eight extending slightly cover the primer membrane before the surface significant of the vertical surfaces at a neight extending slightly capiled, then stripped on when this last application than applied, it desired.
- III. Points of Variance with the Uniform Building Codes Chapter 32 requires roof coverings to be fire-retardent.
- IV. Evidence Submitted: Material descr. Mon and applie IV. Evidence Submitted: Material descr. Non and apple cation instructions are submitted. In addition fire tests and porosity tests are submitted by the Smith-Emery Company and the Pittsburgh Testing Laboratory.

- V. Recommendation: That Dex-O-Tex is a satisfactory alternate type of fire-retardant roofing material to that specified in the Uniform Building Code for use as walking decks provided: The material is installed by an authorized quarters.
- quarters.

 The recommendation is granted for a period of one year from date at which time a request shall be made for to-examination in accordance with the Policy and Rules of Procedure of the Research Committee. nescarca, communece International Conference of Building Officials

(Signed) Hal Colling Managing Director

CROSSFIELD FILE CODE A-4

862.48-SM

APPLICANT—Crossfield Products Corg., owner,
SUBJECT—Dex-O-Tex Terrazzo and Dex-O-Tex Neotex
Plating, approval of.
APPEARANCES—
For Applicant: R. M. Watt.
ACTION Of BOARD—Material approved in accordance
with the report of Committee on Test.
THE VOTE—
Affirmative: Chairman Murdock, Commissioner Kleinert and Deputy Chief Connolly
Negative
Absent: Commissioner Keating
THE RESOLUTION—
WHEREAS, the report of a Committee on Test reads: 862-48-SM

WHEREAS, the report of a Committee on Test reads:

REPORT OF COMMITTEE ON TEST

Re: Cal. No. 862-48-SM

Re? Cal. No. 882-48-5M

Subject Dex-O-Tex Terrazzo and Dex-O-Tex Neotex Plating.

Crossfield Products Corp., Elizabeth, New Jersey filed September 22, 1948 an application with the Board of Standards and Appeals for approval of the material known as Dex-O-Tex Terrazzo and Dex-O-Tex Neotex Plating under the provisions of C26-88.0 and C26-670 and C26-605 through C26-608.0 Administrative Building Code.

Purbase Purpose

The materials are to be used as roofing and/or floor cover-

Description

Dex-O-Tex Terrazzo—the grout powder contains a dehydrating powder, color pigments and crushed marble chips in sizes limited to #0, 1 or 2 as designated by the Terrazzo

Trade.

Dex-O-Tex Neotex Plating—the material consists of a dehydrating powder, color pigments and screening of a size of 26 to 40 screen size.

The terrazzo is applied to a total thickness of 3% of an inch and weighs 4½ lbs. per sq. ft. for the ¾ inch thickness.

The plating is applied to a thickness of ½ of an inch and weighs 0.9 lbs. per sq. ft. per ½ inch thickness.

Inspection and Test

The material was tested by Asst. Engr. J. A. Darts, Committee on Test. The material was tested for incombustibility in accordance with the requirements of C26-880 and tested also as a roofing material under the requirements of C26-605 through C26-608.0 Administrative Building Code.

The applicant has also submitted reports of tests conducted by the American Bureau of Shipping.

Recommendation

Recommendation

Recommendation

On the basis of the inspection and test and the data filed by the applicant, the Committee on Test recommends the approval of the material known as Dex-O-Tex Terrazzo for voluntary use in New York City as an incombustible floor covering as meeting the requirements of C26-88.0 Administrative Building Code and Dex-O-Tex Neotex Plating for voluntary use in New York City as a roofing material as having met the requirements of C26-605.0 through C26-608.0 Administrative Building Code on condition that the cytons and/or containers in which the material is marketed shall be tagged, stamped or labeled as follows: "Approved by the Board of Standards and Appeals for use in New York City under Cal. No. 862-48-SM."

(Sgd.) HARRIS H. MURDOCK, Chairman,

JOHN A. DARTS,
Assistant Engineer,
GEORGE F. SKLENARIK,
Assistant Engineer, Committee on Test.

Resolved, that the Board of Standards and Appeals does hereby approve this material in accordance with the above report.

A true copy of resolution adopted by the Board of Standards and Appeals May 7, 1957. Printed in Bulletin No. 20, Vol. XLII.

Copies Sent

To Applicant Fire Com'r. Borough Supt

Havis S. Murlock Chairman.

CROSSFIELD FILE CODE S-7

BOARD MEMBERS

DONALD GAVIN, CHAIRMAN LEO W. SCHMIDT ARTHUR E. ROWE L. B. MUMMA THOMAS E. MCDONALD

HARRY J. FRANSEN ACTING SECRETARY

CITY OF CLEVELAND APPROVED ALTERNATES

BOARD OF BUILDING STANDARDS AND BUILDING APPEALS

ROOM 328 CITY HALL CLEVELAND 14, OHIO

ALFONSO CARBONE BOARD OF BUYDING STAYMANUS ANDOHN F. BRADY FRANK EROSKEY BURGENS APPEALS

REPORT OF THE SECRETARY

March 7, 1958

Title: 41 Chapter: 5.93

DOCKET NO. S-19-58

SUBJECT: Approval, "Dex-0-Tex Weatherwear" Traffic-Bearing Roof Deck Covering

APPLICANT: Crossfield Products Corporation Roselle Park, N. J.

> Agent: The Gellin Company llll Carnegie Avenue Cleveland, Ohio

APPLICATION:

Pursuant to provisions of Section 5.0717(f) of the Codified Ordinances of the City of Cleveland, the applicant has requested approval of its Traffic-Bearing Roof Deck Covering as meeting the requirements of Section 5.9313 and for use in accordance with Sections 5.9314 and 5.1304.of the aforesaid

DATA SUBMITTED:

Description of "Dex-0-Tex Weatherwear"

Descriptive Brochure A.I.A. File Code 12-B

Laboratory Report dated July 11, 1956 Re: Non-Combustibility Laboratory Report dated June 17, 1946

Re: Porosity Laboratory Report dated February 6, 1957 Re: Tensile Strength & Elongation Tests

Manufacturer's Application Specifications S-607-1 dated June, 1957

Synopsis of U. S. Dept. of Defense Specification - MIL-D-3134 Re: "Latex Mastic Deck Covering"

Crossfie Products Corporation.

Crossfield Products Corporation

Pittsburgh Testing Laboratory

Smith-Emery Co.

United States Testing Co.

Crossfield Products Corporation

Crossfield Products Corporation

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Bd. of Bldg. Stds. & Bldg. Appeals

Report of the Secretary Cont'd.

March 7, 1958

Docket S-19-58

DATA SUBMITTED - Cont'd.

Reprint from June, 1954 Issue of Cleveland Engineering

Re: New Wearing Surfaces For Those Tough Jobs

Crossfield Products Corporation

Reprint from January, 1953 Issue of Marine News

Re: Courage, Fireproof Deck Saves Tanker

Crossfield Products Corporation

Approval dated July 10, 1957 "Dex-0-Tex Material for

Walking Decks"

County of Los Angeles

Approval dated May 7, 1957 Re: "Dex-O-Tex Terraso and Dex-O-Tex Neotex Plating"

New York City Board of Standards and Appeals

Excerpt of N.Y.C. "Brand Test"

Crossfield Products Corporation

Photographs of N.Y.C. "Brand Test"

Crossfield Products Corporation

MERCHANT THE PROPERTY OF THE ST.

MESCRIPTION:

Dex-O-Tex Weatherwear is a roof deck covering which is designed to provide suitable service for roofs subject to considerable amounts of foot traffic. Dex-O-Tex Weatherwear provides its own membrane, its own trafficsurface and its own integral external flashing.

Dex-C-Tex Weatherwear is applied in a series of applications as follows:

First: The existing surface (which may be concrete, tile, plywood, etc.) is cleaned and smoothed.

Second: Over the entire roof, one layer of 15 lb. Perforated Asbestos Felt is unrolled. This is not adhered to the roof, but provides a divorcing membrane.

Third: The felt is covered with a water-proof membrane which consists of a heavy-solids latex material worked into a fabric reinforcement. This procedure is also followed at the perimeter of the roof to form a flashing.

Fourth: The entire application is then covered with a neoprene-and cement composition which forms the traffic-surface and is known as "Dex-O-Tex Neotex".

The complete Dex-O-Tex Weatherwear Roof Deck Covering Application weighs approximately 2.5 lbs. per sq. ft. and is approximately 1/4" thick.

Bd. of Bldg. Stds. & Bldg. Appeals, Cleveland, Ohio

Docket S-19-58

Report of the Secretary Contid.

March 7, 1958

FINDINGS:

- 1. The Bureau of Fire Prevention and the Division of Building and Housing have been notified of this application and neither has indicated reasons for withholding or modifying an approval.
- 2. The applicant's product has been approved by the City of New York's Board of Standards and Appeals and the County of Los Angeles.
- 3. The applicant has submitted test reports promulgated by independent testing agencies to verify the claims of the manufacturer with respect to the following:
 - (a) Non-Combustibility
 - (b) Porosity
 - (c) Tensile and Elongation Properties
- 4. The applicant has submitted complete material and installation specifications.
- 5. Installation of the product specified is under the direc' control of the manufacturer.
- 6. Section 5.9313 of the Cleveland Building Code requires that roof coverings shall be classified in accordance with the provisions of said section.
- 7. The applicant's product is designed to provide service for roofs subject to considerable amounts of foot traffic. Underlayment of 15 lb. perforated asbestos felt is not secured to the structural surface of the roof, permitting movement of the roof deck treatment and the structure without damaging the roof covering.

DISCHSSION:

- 1. Test data submitted indicates the applicant's product may be approved as a Class 2 roof covering provided, however, installations shall be limited to roof decks having inclines not exceeding 1/2" to the horizontal foot.
- 2. The flashing which is an integral part of the applicant's product shall be completely secured around the entire perimeter of each installation to assure the prevention of slippage of the system.

Bd. of Bldg. Stds. & Bldg. Appeals, Cleveland, Ohio

Docket S-19-58

Report of the Secretary Contid.

March 7, 1958

RECOMMENDATION:

It is recommended that the applicant's product known as Dex-O-Tex Weatherwear, described and specified in the above report, be approved for sale and use in the City of Cleveland, subject to the following conditions:

- Dex-O-Tex Weatherwear shall be classified as a Class 2 roof covering when limited to inclines not exceeding 1/2" to the horizontal foot.
- 2. Installations shall be made only under the direct supervision of a representative of the Manufacturer.
- 3. Installations shall be in strict accordance with manufacturer's specifications and limitations of this approval.
- 4. Cartons or containers of approved product shall be clearly marked or labled to illustrate the following:

Approved

Board of Building Standards and Building Appeals

City of Cleveland

Docket S-19-58

Dex-0-Tex Weatherwear.

Respectfully submit' 1,

MARKEN Harry J. Fransen

Secretary

HJF:ve

<u>-ij-</u>

F. E. WELL (#000), BANK BATC FAM

File Cole 5-8

Ke. R. N. Badley, 128h Floor.

DEPARTMENT OF BUILDINGS AND DEVELOPMENT

465 BAY STREET TORONTO & CANAGA

May 27th, 1960.

Hefferman Tiles Limited, 20 Bloor Street West, Toronto 5, Ontario.

Attention: Mr. B. J. Kompinski.

Sentlemen: Be: Dex-0-Tex Weatherwear Roof Covering.

I wish to acknowledge receipt of your communication of the 5th instant, in which you request permission for the use of Dex-0-Tex Weatherwear as a roofing meterial for buildings in the City of Toronto.

In reply, I wish to advise that based on the data and test reports submitted with your application, I am prepared to permit, until further notice, the use of this material as manufactured by Hefferhan Tiles Limited, Outremont, Quebec, and Crossfield Products Corporation, Roselle Park, New Jersey, as a traffic bearing roof covering on all buildings in the City of Toronto.

It is understood that "Dex-0-Tex Yeatherwear" shall in all cases be applied by an applicator approved by Hefferman Tiles Limited, and shall at all times be equal in all respects to the samples submitted and tested both as to thickness and composition, and further that the approval will not apply in the event that physical or chemical characteristics of this material are altered.

In the event of new regula ions becoming effective, this approval will be subject to review a that time. This letter shall not be used ar reproduced for advert sing purposes.

ozre truly,

1 Toronto,

RUE VEE

Commissioner of

dings and Development.

The Board of Trade of Natropoli 11 Adelaide Street West, Toronto 1, Ontario.

5



JAMES SAUNDERS ASSOCIATES ARCHITECTS

baxter bailding po 774-5711

portland maine

stowe house

brunswick maine

725-5543

James C. Saunders AIA Thomas V. Galland Charles H. Harton PE

November 12th, 1963

Albert Sears, Building Inspector City of Portland City Hall Po and, Maine

Dear Mr. Sears: re: CHRONIC CARE UNIT, OSTEOPATHIC HOSPITAL OF MAINE, Portland, Maine

Please find enclosed the sketch with revised wall section at the auditorium, subject project, which revision is deemed necessary in order to avoid condensation and plaster cracking, which possibly could have resulted if the plaster had been applied directly to concrete wall.

Sincerely,

JAMES SAUNDERS ASSOCIATES

TVG:del cc. Mr. Kelley.

RECEIVED

NOV 13 1963

DEPT. OF BLU'G. INSP. CITY OF PORTLAND



November 12th, 1963

Marie Commence

Albert Soars, Building Inspector City of Portland City Hall Portland, Maine

Dear Mr. Sears: re: CHRONIC CARE UNIT, OSTEOPATHIC HOSPITAL OF MAINE, Portland, Maine

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Sincerely,

JAMES SAUNDERS ASSOCIATES

TVG:del cc. Mr. Kelley.

T. V. GALLAND.

RECEIVED NOV 18 1963

DEPT. OF BLD'G. INSP. CITY OF PURTLAND



e ilding

portland maine

Carrier 12

James C. Saunders AIA
Thomas V. Galland

June 4th, 1963

Albert J. Sears, Director Dept. of Building Inspection City of Fortland Fortland, Maine

Dear Mr. Sears: R

Re: CHRONIC CARF UNIT, Ostcopathic Hospital of Maine, #6620].

The several items in your letter of May 20th are taken up in the following in the same numbered order:

Iter 1. It is noted that 90 off-street parking spaces are required under zoning ordinance. There is no question about compliance with this requirement.

Item 2. This office will detail a job sign for the project not to exceed 15 square feet in area.

Item 3, 4 and 6. Subject for a request for proposal from the contractor leading to a Change Order to accomplish these and other modifications, copy of letter anclosed.

Item 5. The white lights in the stair hall between $\ensuremath{\mathcal{V}}$ openings #110 and #114 are now on the circuit with the exit lights.

Item 7. We will see that the paving is brought up to the platform at openin, #117, thus eliminating the 6" step shown on the drawings.

Item 8 Instructions have been issued to insure compliance with all of the requirements set forth in a, b, c, d, relative to types of locking devices, etc.

PRECEIVED.

JUN 5 1963

DEPT. OF BLOG. INSP. CITY OF PORTLAND

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These lans (22 sheets) and the specifications accompanying the same, covering construction work on CERCNIC CARF UNIT, CSTEC VIHIC HOSIITAL OF MAINTAVE been designed and descended to the control of the

have been designed and drawn up by the undersigned according to the latest rules of engineering practice and to comply with the allowable working stresses, floor loads, etc. required by the Building Code of the City of Portland.

(Signature LAMES SAVADERS ASSO

(This statement is to be signed by the individual responsible for the design, and he should indicate in the blank provided the particular work to which the statement applies)

Fage #2. To Albert J. Sears, Director From James C. Saunders

Itam 9. Noted.

ltem 10. The automatic alarm system as designed ties into the existing system which has been approved by the Fite Department.

Item 11. The material specified for the sun deck is DEX#C-TIX manufactured by the Crossfield Products Corp. Their literature states that this material is classified as fire retardant. We are writing them to get further details as to who made this classification.

Item 12. Noted.

to the General Contractor in which we have instructed him to refrain from any work in connection with the finish in room #110 until we can determine whether the scheme as shown can be made approvable under the Portland City Code as discussed in our recent telephone conversation.

Item. In our letter to the Ceneral Contractor referred to requesting his proposal for certain modification, we have increased the height of the pent house by one block course, thereby doubling the size of sash and louvers giving us a total of well in excess of the

Item 15. Noted.

Item 26. (ur statement of design is enclosed.

As all items in your letter have been complied with other than from 12 pertaining to the finish in room #110 it is requested that the permit be issued on our assurance that no finish work will be done in this area without prior approval of the drawings by your office. Perfect drawing covering modification listed in the force going will be forwarded to bring your set current.

Sincerely,

JCS *Nel CC: The kelleys

James C. Saunder

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