

Davis & Brandeberry Architects
A Professional Corporation

5500 Lafayette Street, Suite 402
Denver, Colorado 80208 (303) 832-7100

October 5, 1984

Arapahoe County Building Department
5334 South Prince St.
Littleton, CO 80166

Re: Highline Meadows Complex Reroofing
South Broadway and Arapahoe Road

Gentlemen:

The purpose of this letter is to present our recommendations and data for the reroofing of the referenced project. Enclosed, please find a letter from Nedell, Locke & Solomon with an evaluation of the roofing systems in support of the proposed reroofing techniques.

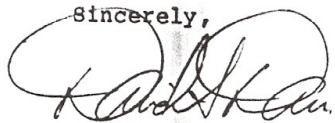
The product that will be used on the reroofing will be a Derbigum modified bitumen membrane with glass and polyester reinforcing. This product is produced by Owens-Corning Fiberglass Corporation. The membrane is torch applied and will be a fully adhered roofing system.

The roof application will provide for the removal of all loose gravel and the spudding off of all imbedded gravel. The new roof membrane will be directly adhered to the existing roof surface.

The reroofing will provide for a smooth fully adhered surface that will be approximately two pounds lighter than the existing roof.

If you should have any questions about this system or its application, please call.

Sincerely,



David G. Davis, AIA
Principal

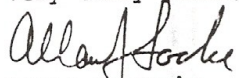
DGD/jr

David G. Davis, AIA
Donald K. Brandeberry, AIA, AFA

Highline Meadows Complex
October 5, 1984
Page Two

In all cases the existing structure will not be overstressed with the proposed new roof loadings.

Very truly yours,



Allan J. Locke
Professional Engineer

AJL/kab





NEDELL, LOCKE & SOLOMON, INC.
CONSULTING ENGINEERS

Principals
Robert S. Nedell
Alan J. Locke
Morton A. Solomon

1642 South Parker Road - Suite 209
Denver, Colorado 80231
(303) 695-0801

October 5, 1984

Arapahoe County Building Department
5334 South Prince Street
Littleton, Colorado 80166

RE: Roof Capacity
Highline Meadows Complex
South Broadway at Arapahoe Road

Gentlemen:

The roof structures for the subject project have been checked by this office for the purpose of determining their capacity to sustain new loadings from a single ply direct adhered membrane roof. The existing gravel fill on these roofs will be removed.

Criteria used in this analysis are as follows:

Wood Species :	Douglas Fir "Standard" (1962 Nat'l Design Specification) $F_b = 1,200$ psi $E = 1,760,000$ psi
Snow Load :	30 PSF
Dead Load :	Per plans provided, dated Dec 1969 and June 1970, E. Fiorino, Architect
Townhouse Roof:	$\frac{1}{2}$ " plywood on 2x10 at 12" oc
Apartment Roof:	$\frac{1}{2}$ " plywood on 2x8 at 16" oc
Clubhouse Roof:	$\frac{1}{2}$ " plywood on 18" to 14" (tapered) TJL at 24"



Application for ARAPAHOE COUNTY BUILDING PERMIT

Letter 1-18-86

Improvement Survey Required Prior to Final Inspection

ARAPAHOE COUNTY BUILDING DEPARTMENT

INSPECTION CARD

Permit No. D-21353
Date Oct. 9, 1984

Owner Colo Moisture Control, Inc.
Contractor Name LOCATED AT 100 E. Highline Cr. (A11 20 Bid
PERMIT ISSUED FOR Re-Roof

REQUIRED INSPECTIONS

	APPROVED	NOT APPROVED	INSPECTOR
Figs., Trenches, Caissons, Pads			
Forms W/Steel			
Fdn. & Wlprtg.			
Ground Plumbing			
Plumbing			
Electrical			
Heating			
Frame			
Drywall Before Taping or Lath			

BUILDING INSPECTOR APPROVAL IS REQUIRED FOR EACH STAGE OF WORK

FINAL INSPECTIONS

	APPROVED	NOT APPROVED
Frame		
Electrical		
Plumbing		
Heating		

YOUR ATTENTION IS CALLED TO SECTION 305 A-B-C-D-E-F-G of the Arapahoe County Building Code. Unless these provisions are complied with, delay will be caused in issuance of Certificate of Occupancy and will require approval of the Board of Review before Certificate of Occupancy is issued.

Please call 795-4470 for Inspections

Application for ARAPAHOE COUNTY BUILDING PERMIT

AC FORM 63

795-4470

\$100

PLAN NO. _____ ESTIMATED VALUE \$272,202.00 DATE 10/9/84
 TO BE ISSUED TO COLORADO MOISTURE CONTROL, INC. PHONE 447-9400
 CONSTRUCTION LOCATION 100 E. HIGHLINE CIR. COR. LOT _____ INT. LOT _____
 LOT _____ BLOCK _____ SUB DIVISION _____ ZONE _____
 PERMIT TO BE USED FOR RE-ROOFING
 TYPE CONST. I II III IV V FIRE RATE _____ GROUP _____ DIV. _____
 FOOTING _____ PADS _____ CAISSONS _____ FDTN WALL _____ REBARS _____
 FOUNDATION _____ DESIGNED BY _____ LICENSE _____ PLAN NO. _____ DATE _____
 SOIL TEST _____ MADE BY _____ LICENSE _____ REPORT NO. _____ DATE _____
 BASEMENT _____ sq. ft. FIN. _____ sq. ft. UNFIN. _____ sq. ft. ROOMS _____ BATH _____
 FIRST FLOOR _____ sq. ft. ROOMS _____ BATHS _____ FIREPLACE _____
 SECOND FLOOR _____ sq. ft. ROOMS _____ BATHS _____ FIREPLACE _____
 FIRST FLOOR GIRDERS _____ SIZE _____ MATERIAL _____ LUMBER GRADE _____ MAX SPAN _____
 COLUMNS _____ SIZE _____ MATERIAL _____ LUMBER GRADE _____ SPACING _____
 FIRST FLOOR JOISTS _____ SIZE _____ SPACING _____ LUMBER GRADE _____ MAX SPAN _____
 SECOND FLOOR JOISTS _____ SIZE _____ SPACING _____ LUMBER GRADE _____ MAX SPAN _____
 SUB-FLOOR _____ MATERIAL _____ THICKNESS _____ GRADE OF MATERIAL _____
 FIN. FLOOR _____ MATERIAL _____ THICKNESS _____ GRADE OF MATERIAL _____
 EXT. WALL SHEATHING _____ MATERIAL _____ THICKNESS _____ MATERIAL TRADE NAME _____
 CORNER BRACING _____ MATERIAL _____ SIZE _____ LUMBER GRADE _____
 CEILING JOISTS _____ SIZE _____ SPACING _____ LUMBER GRADE _____ MAX SPAN _____
 RAFTERS ROOF JOISTS _____ SIZE _____ SPACING _____ LUMBER GRADE _____ MAX SPAN _____
 ROOF SHEATHING _____ MATERIAL _____ THICKNESS _____ GRADE OF MATERIAL _____
 ROOF COVERING _____ MATERIAL _____ EXPOSURE _____ GRADE OF MATERIAL _____ CLASS LABEL _____
 ROOF TRUSSES _____ DESIGNED BY _____ LICENSE _____ STATE _____ PLAN NO. _____ DATE _____
 ROOF TRUSSES _____ FABRICATED BY _____ ADDRESS _____ PHONE _____
 GARAGE _____ SIZE _____ SQ. FT. _____ ATTACHED _____ UNATTACHED _____
 PUBLIC SEWER _____ SEPTIC TANK _____ TRI-COUNTY APPROVAL ATTACHED _____
 REMARKS _____

OWNER HIGHLINE MEADOWS CONDOMINIUM ASSOCIATION 100 E. HIGHLINE CIR. LITTLETON
NAME ADDRESS CITY STATE ZIP PHONE
 ARCHITECT DAVIS & BRANDENBERG 1440 LAFAYETTE DENVER, CO 80218 832-7100
NAME ADDRESS CITY STATE ZIP PHONE
 CONTRACTOR COLORADO MOISTURE CONTROL, INC. PO BOX 34 LOVELAND, CO 80537 447-9400
NAME ADDRESS CITY STATE ZIP PHONE

NOTICE: No changes shall be made from that which is stated in this application, except by submitting a revised application and receiving approval of the Chief Building Inspector for such change. Application approval shall not be construed as a permit for or an approval of any violation of the Building Code Section 302 (C).

ARAPAHOE COUNTY COLORADO
5334 South Prince Street • Littleton, Colorado 80166
BUILDING DEPARTMENT

795-4470

January 18, 1985

Highline Meadows Condo Assoc.
100 E. Highline Cr.
Littleton, CO 80122

Dear Permit Owner:

This is a reminder that your permit # D-21353 for Re-Roof
is now over 90 days old. As stated on your permit, all permits expire in
180 days from date of issuance.

This time period is updated with each recorded activity on this permit.
Please call this office for an inspection before the expiration date
in order to avoid additional expense should this permit expire. Please
be prepared for the inspection as there is a \$15.00 charge for each
re-inspection.

Sincerely,



Charles L. Gillett
Chief Building Official

CLG/tkk

If you have any questions please call 795-4470.

Letter sent 2-11-85

ARAPAHOE COUNTY
BUILDING PERMIT

PLAN # _____
EST. COST \$100 \$272,202
FEE \$100

D - 21353
No. D-21353
Date Oct. 9, 1984

Permission is hereby granted _____ Colorado Moisture Control, Inc.
as owner to construct a _____ story Re-Roof
as Contractor
of TYPE I, II, III, IV, V Construction located at 100 E. Highline Cr. (All 20 Buildings)
LEGAL: Lot _____ Block _____ Subdivision Highline Condos Zone: _____

SETBACK FROM PROP LINES: FRONT _____ REAR _____ SIDE _____ SIDE _____ CORNER _____

For such use as permitted in CHAPTER _____ ARTICLE _____ of the Arapahoe County Zoning Resolution
and Map, and such use as permitted for GROUP _____ DIVISION _____ Occupancy of the Arapahoe
County Building Code.

NOTICE
CERTIFICATE OF OCCUPANCY MUST BE ISSUED BEFORE STRUCTURE IS OCCUPIED.
NO CHANGE IN PERMITTED OCCUPANCIES SHALL BE MADE WITHOUT WRITTEN REQUEST FOR AND
APPROVAL OF NEW CERTIFICATE OF OCCUPANCY.

This permit expires in one-hundred and eighty (180) days from date of issuance. If construction is stopped for
a period of 180 days, permit becomes null and void. The construction shall meet all requirements of the
Arapahoe County Building and Zoning Codes, or then and there, this permit shall become null and void.

REMARKS

Allowed 2 inspection per CLG

OWNER Highline Meadows Condo Assoc. 100 E. Highline Cr. Littleton
NAME ADDRESS CITY STATE ZIP PHONE
CONTRACTOR Colo Moisture Control 8234 Loveland 80537 447-9400
NAME ADDRESS CITY STATE ZIP PHONE
SIGNED BY [Signature] 10/9/84
NAME DATE
APPROVED BY BUILDING OFFICIAL [Signature]

POST INSPECTION CARD ON JOB
THIS PERMIT IS NOT TRANSFERABLE
5334 S. Prince St., Littleton, CO 80166
795-4470