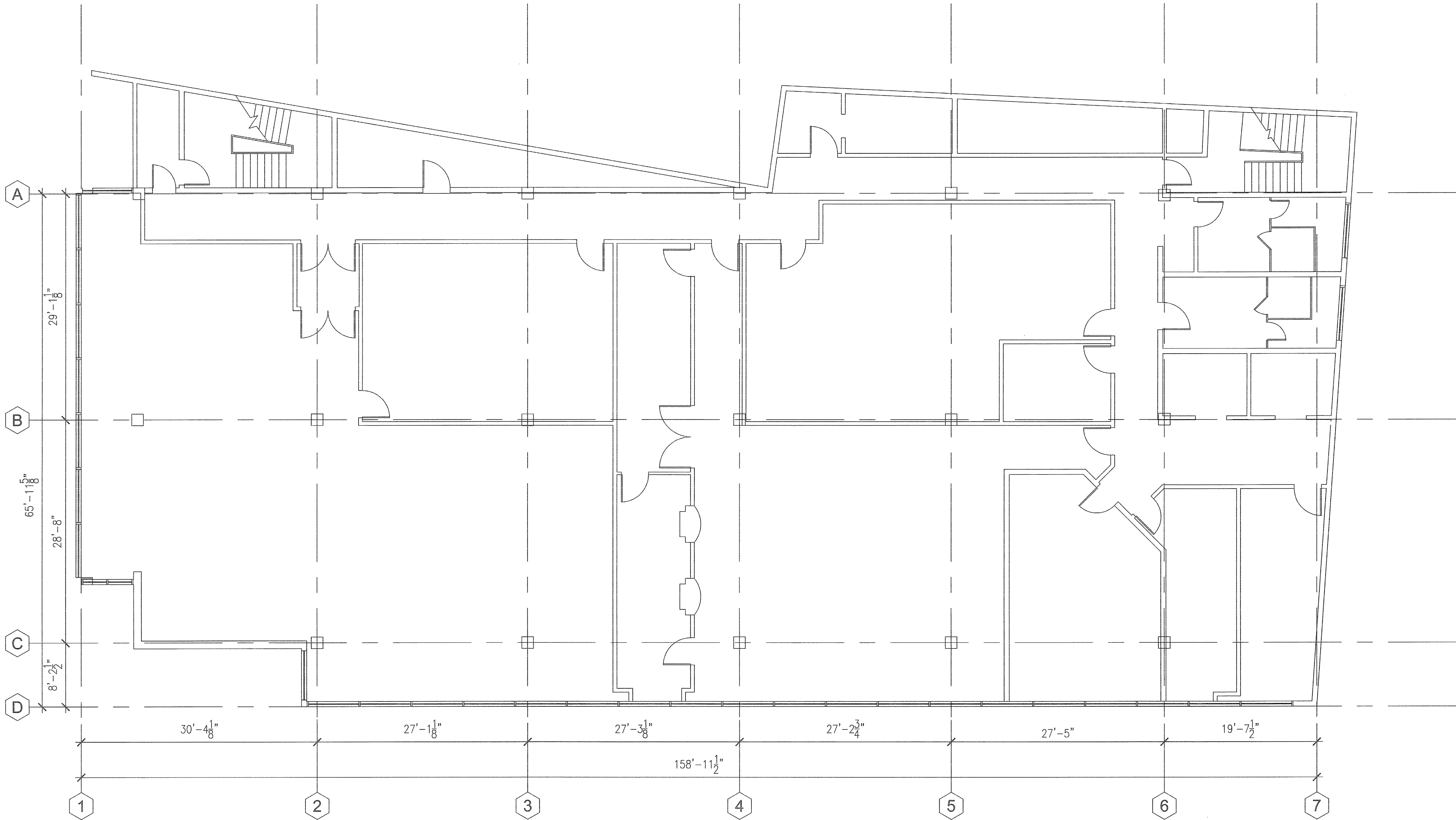




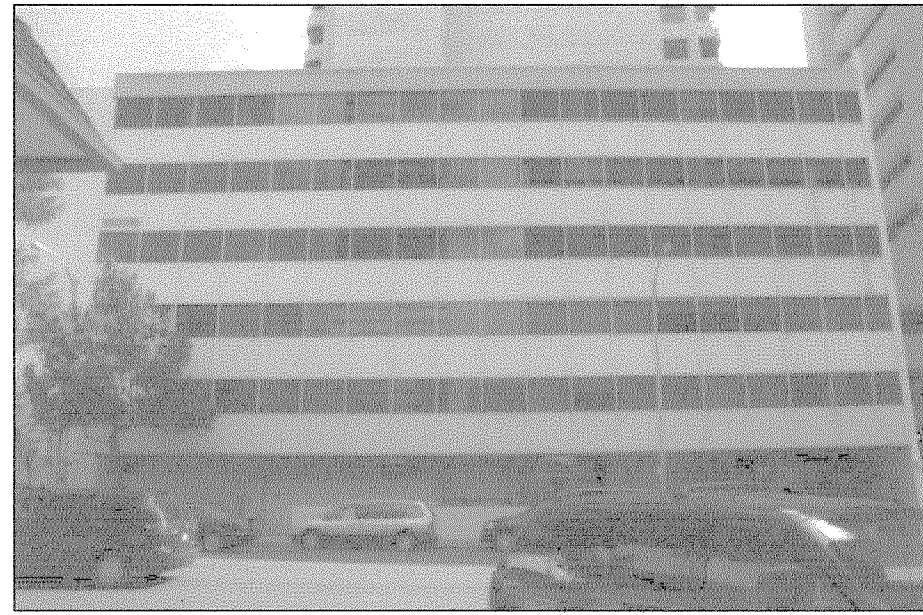
1 TYPICAL FLOOR PLAN
A-1 SCALE: 1/8" = 1'-0"



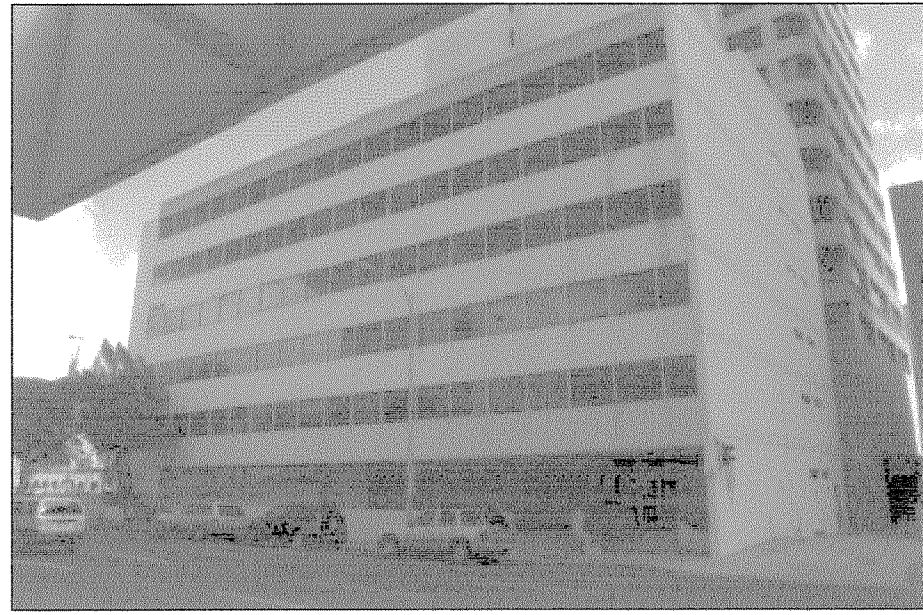
2 PHOTO 1
A-1 NOT TO SCALE



3 PHOTO 2
A-1 NOT TO SCALE



4 PHOTO 3
A-1 NOT TO SCALE



5 PHOTO 4
A-1 NOT TO SCALE

KEYNOTE LEGEND

NOTE #	REMARKS	DETAIL REF.
1	CLEAN EXTERIOR WINDOW SYSTEM PRIOR TO APPLICATION OF REMEDIAL WORK.	N/A A-X
2	REMOVE EXTERIOR PAINTS IN THE AREA WHERE SEALANTS WILL BE APPLIED.	N/A A-X
3	TRIM EXISTING DETERIORATED WINDOW GASKETS AROUND ALL WINDOW GLAZING CHANNELS IN PREPARATION FOR SEALANT APPLICATION. REMOVE ALL CAULKING @ SPANDREL PANELS BELOW ALL WINDOWS AROUND TWO MECHANICAL VENTS.	4,5 A-3
4	WIRE BRUSH EXTERIOR / INTERIOR CORRODED ALUMINUM WINDOW SURFACES AND VACUUM ALL RESIDUE.	N/A A-X
5	FOLLOW MANUFACTURER'S RECOMMENDED PREPARATION PROCEDURES.	A-X
6	PROVIDE WET-SEAL @ ALL VISION GLASS TO ALUMINUM GLAZING FRAME AND SILL TRACK. PROVIDE CLEAR SEALANT.	3,4,5 A-4
7	PROVIDE WET-SEAL @ ALL VISION GLASS TO VERTICAL MULLION. PROVIDE LIMESTONE SEALANT COLOR.	3 A-4
8	PROVIDE WET-SEAL @ ALL SPANDREL PANEL TO VERTICAL AND HORIZONTAL JOINTS INCLUDING WINDOW FRAME TO SPANDREL CONDITIONS. PROVIDE LIMESTONE SEALANT COLOR.	3,4,5 A-4
9	PROVIDE WET-SEAL @ MECHANICAL VENTS AND PENETRATIONS IN CURTAIN WALL. PROVIDE LIMESTONE SEALANT COLOR.	8 A-4 1,2 A-2
10	PROVIDE WET-SEAL @ VERTICAL MULLION EXPANSION JOINTS AND FASTENER HOLES. PROVIDE LIMESTONE SEALANT COLOR. SEE TEST REPORT IN SPECIFICATION SECTION FOR ADDITIONAL PHOTO DOCUMENTATION INFORMATION.	3,5 A-4
11	PROVIDE MOCKUP TESTING: TO ASSURE THE WET-SEAL REPAIR ADDRESSES THE WATER LEAKAGE ISSUES, FIELD-TEST A MOCKUP AREA OF SEALANT INSTALLATION OF THE FACADE. THE SEALANT MANUFACTURER'S TECHNICAL REPRESENTATIVE SHOULD BE PRESENT DURING THE MOCKUP TESTING TO APPROVE TYPICAL REPAIR DETAILS AND TO CONFIRM CONFORMANCE TO WARRANTY REQUIREMENTS. IN ORDER TO EVALUATE THE INTENDED REPAIR DESIGN, THE MOCKUP AREA CAN BE INITIALLY TESTED USING ASTM E1105 "STANDARD TEST METHOD FOR FIELD DETERMINATION OF WATER PENETRATION OF INSTALLED EXTERIOR WINDOWS, SKYLIGHTS, DOORS, AND CURTAIN WALLS, BY UNIFORM CYCLIC STATIC AIR PRESSURE DIFFERENCE" TECHNIQUES PRIOR TO IMPLEMENTING REPAIRS TO THE ENTIRE BUILDING FACADE. ASTM E1105 WOULD REQUIRE THE INSTALLATION OF A NEGATIVE PRESSURE CAMBER ON THE INTERIOR SIDE OF THE CURTAIN WALL SYSTEM AND A CALIBRATED SPRAY RACK ON THE EXTERIOR OF THE CURTAIN WALL. THE TEST INDUCES A NEGATIVE PRESSURE ON THE INTERIOR SIDE PULLING ANY AIR OR MOISTURE TOWARDS THE INTERIOR AND EXPLOITING ANY INCONSISTENCIES OR POSSIBLE WATER ENTRY POINTS IN THE WET-SEAL REPAIR. UPON PASSING THE ASTM E1105 TEST, THE MOCKUP REPAIRS CAN BE APPLIED TO THE ENTIRE CURTAIN WALL SYSTEM.	1 A-2
12	HIGH PRESSURE WASH TO DETERMINE EXISTING PAINT ADHESION. PREPARE SURFACE PER MANUFACTURER'S RECOMMENDED PROCEDURES, AND REPAINT EXTERIOR FACE OF SPANDREL PANELS AND MULLIONS TO MATCH BUILDING EXTERIOR FIELD COLOR (ABI #1).	1 A-
13	APPLY SEALANT TO INTERIOR WINDOW SYSTEM (ABI #2). REMOVE EXTENT OF GASKET INDICATED IN DETAIL. PROVIDE CLEAR WET SEAL @ VISION GLASS TO ALUMINUM GLAZING FRAME AND SILL TRACK.	4,5 A-4

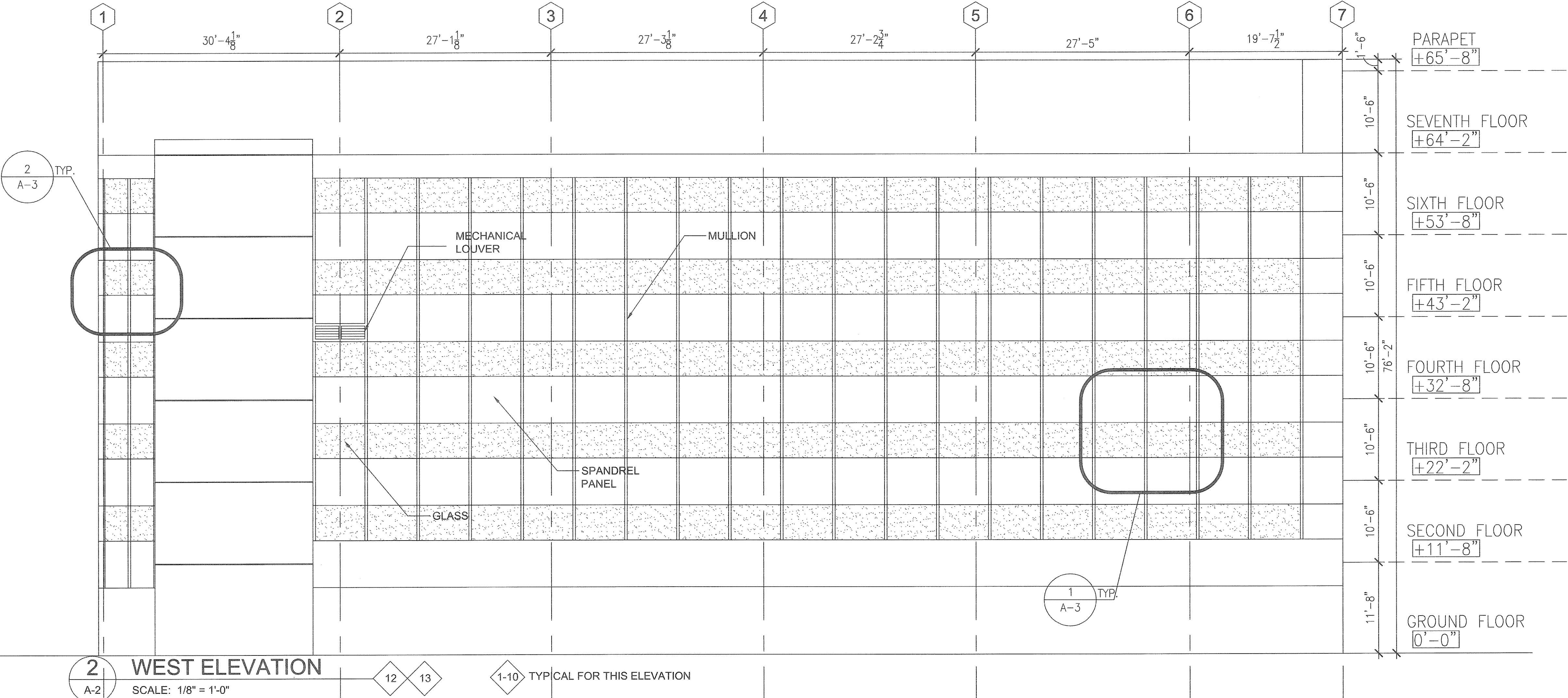
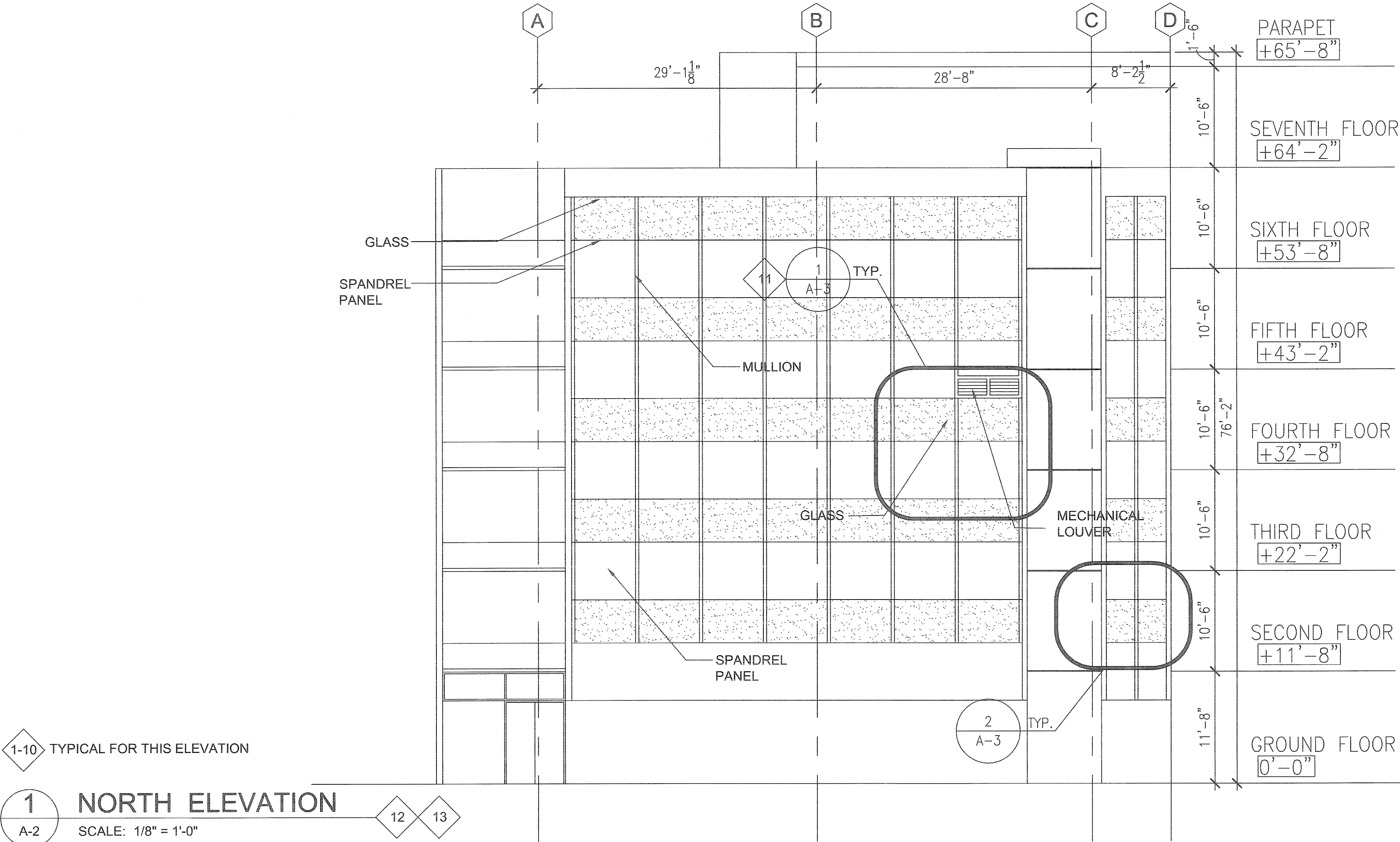
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DEPT. OF ACCOUNTING & GENERAL SERVICES DIVISION OF PUBLIC WORKS STATE OF HAWAII					
CAPITOL CENTER BUILDING REPAIRS TO WINDOWS AND WALLS HONOLULU, OAHU, HAWAII					
TYPICAL FLOOR PLAN EXTERIOR PHOTO ELEVATIONS					
FRANKLIN WONG & ASSOCIATES		DAGS PROJ. NO.	DRAWING NO.		
DESIGNED BY: FW	CHECKED BY: FW	62-10-0398	A-1		
DRAWN BY: JW	APPROVED BY: FW	DATE APR 2006	SHEET 2 OF 7		
SCALE: AS NOTED					

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

FILE . DRAWER . FOLDER .

KEYNOTE LEGEND

NOTE #	REMARKS	DETAIL REF.	
1	CLEAN EXTERIOR WINDOW SYSTEM PRIOR TO APPLICATION OF REMEDIAL WORK.	N/A A-X	
2	REMOVE EXTERIOR PAINTS IN THE AREA WHERE SEALANTS WILL BE APPLIED.	N/A A-X	
3	TRIM EXISTING DETERIORATED WINDOW GASKETS AROUND ALL WINDOW GLAZING CHANNELS IN PREPARATION FOR SEALANT APPLICATION. REMOVE ALL CAULKING @ SPANDREL PANELS BELOW ALL WINDOWS AROUND TWO MECHANICAL VENTS.	4,5 A-3	
4	WIRE BRUSH EXTERIOR / INTERIOR CORRODED ALUMINUM WINDOW SURFACES AND VACUUM ALL RESIDUE.	N/A A-X	
5	FOLLOW MANUFACTURER'S RECOMMENDED PREPARATION PROCEDURES.	A-X	
6	PROVIDE WET-SEAL @ ALL VISION GLASS TO ALUMINUM GLAZING FRAME AND SILL TRACK. PROVIDE CLEAR SEALANT.	3,4,5 A-4	
7	PROVIDE WET-SEAL @ ALL VISION GLASS TO VERTICAL MULLION. PROVIDE LIMESTONE SEALANT COLOR.	3 A-4	
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9	PROVIDE WET-SEAL @ MECHANICAL VENTS AND PENETRATIONS IN CURTAIN WALL. PROVIDE LIMESTONE SEALANT COLOR.	8 A-4	1,2 A-2
10	PROVIDE WET-SEAL @ VERTICAL MULLION EXPANSION JOINTS AND FASTENER HOLES. PROVIDE LIMESTONE SEALANT COLOR. SEE TEST REPORT IN SPECIFICATION SECTION FOR ADDITIONAL PHOTO DOCUMENTATION INFORMATION.	3,5 A-4	
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12	HIGH PRESSURE WASH TO DETERMINE EXISTING PAINT ADHESION. PREPARE SURFACE PER MANUFACTURER'S RECOMMENDED PROCEDURES, AND REPAINT EXTERIOR FACE OF SPANDREL PANELS AND MULLIONS TO MATCH BUILDING EXTERIOR FIELD COLOR (ABI #1).		1 A-
13	APPLY SEALANT TO INTERIOR WINDOW SYSTEM (ABI #2). REMOVE EXTENT OF GASKET INDICATED IN DETAIL. PROVIDE CLEAR WET SEAL @ VISION GLASS TO ALUMINUM GLAZING FRAME AND SILL TRACK.		4,5 A-4

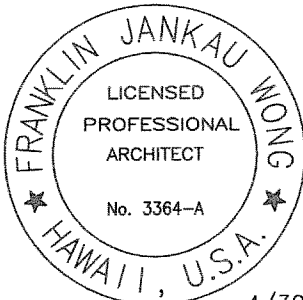
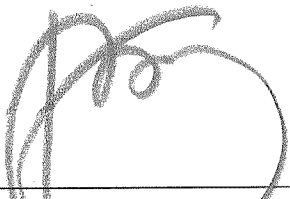


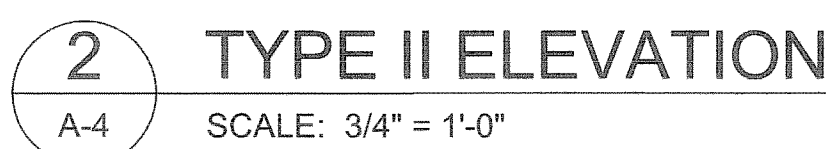
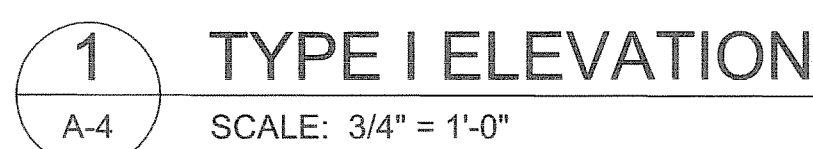
REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED: STATE PUBLIC WORKS ADMINISTRATOR
FRANKLIN JANKALL WONG LICENSED PROFESSIONAL ARCHITECT No. 3384-A HAWAII, U.S.A. 4/30/2008 DEPT. OF ACCOUNTING & GENERAL SERVICES DIVISION OF PUBLIC WORKS STATE OF HAWAII CAPITOL CENTER BUILDING REPAIRS TO WINDOWS AND WALLS HONOLULU, OAHU, HAWAII ELEVATIONS - NORTH & WEST FRANKLIN WONG & ASSOCIATES DESIGNED BY: FW DRAWN BY: EL CHECKED BY: FW APPROVED BY: FW DAYS PROJ. NO. 62-10-0398 DATE APR 2006 DRAWING NO. A-2 SHEET 3 OF 7 SHEETS THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. SCALE: AS NOTED					



GENERAL NOTES:

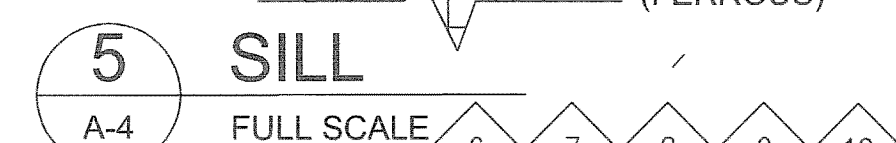
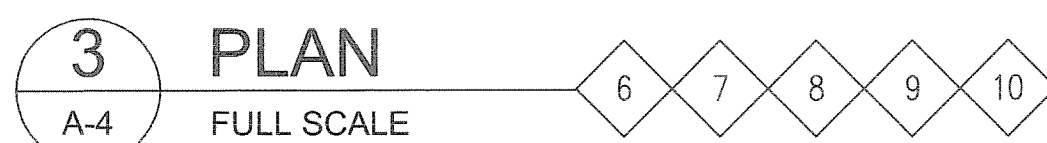
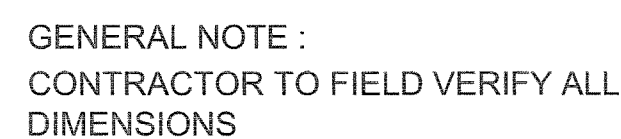
1. THE CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. THE KEY NOTES LISTED ABOVE ARE PRESCRIPTIVE AS WELL AS SPECIFIC IN APPLICATION.

REVISION NO.	SYM.	DESCRIPTION	SHT. ____ OF ____	DATE	APPROVED: STATE PUBLIC WORKS ADMINISTRATOR
 4/30/2008 			DEPT. OF ACCOUNTING & GENERAL SERVICES DIVISION OF PUBLIC WORKS STATE OF HAWAII		
			CAPITOL CENTER BUILDING REPAIRS TO WINDOWS AND WALLS HONOLULU, OAHU, HAWAII		
			EXTERIOR DEMOLITION EXISTING CONDITIONS		
			FRANKLIN WONG & ASSOCIATES		
DESIGNED BY: FW		CHECKED BY: FW		DACS PROJ. NO. 62-10-0398	DRAWING NO. A-3
DRAWN BY: EL / JW		APPROVED BY: FW		DATE APR 2006	SHEET 4 OF 7 SHTS
SCALE: AS NOTED					
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.					
FILE _____ DRAWER _____ FOLDER _____					



GENERAL NOTES:

1. THE CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. THE KEY NOTES LISTED ABOVE ARE PRESCRIPTIVE AS WELL AS SPECIFIC IN APPLICATION.
3. DO NOT SEAL / CAULK WEEP HOLES OR DRAINAGE CHANNELS.





1

PHOTO 1

A-5

NOT TO SCALE



2

PHOTO 2

A-5

NOT TO SCALE



3

PHOTO 3

A-5

NOT TO SCALE

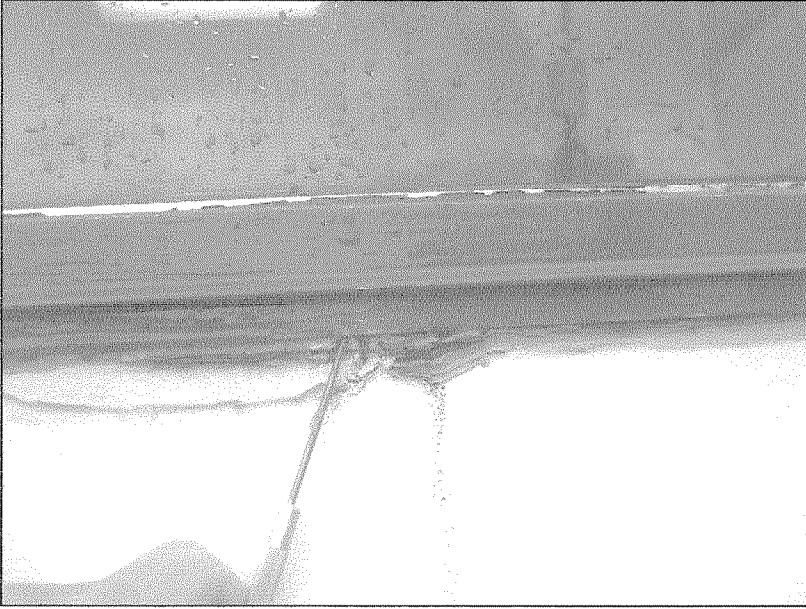


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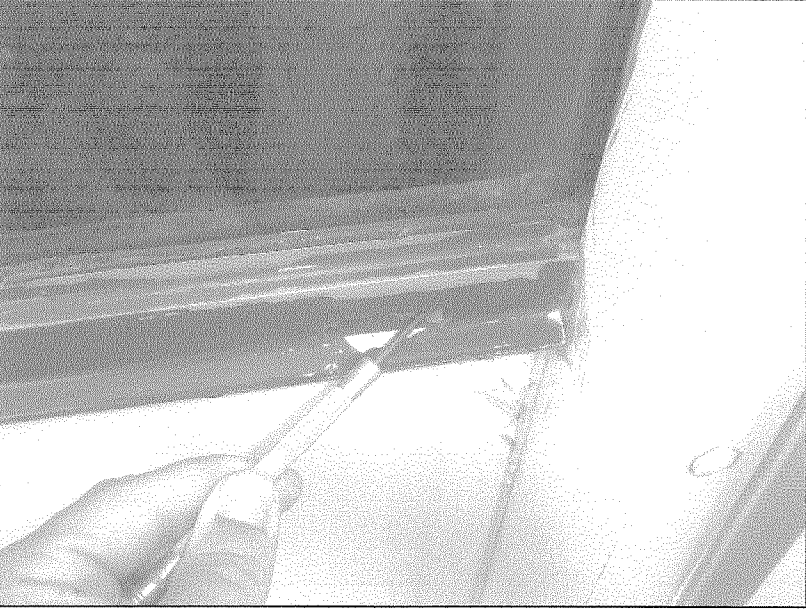


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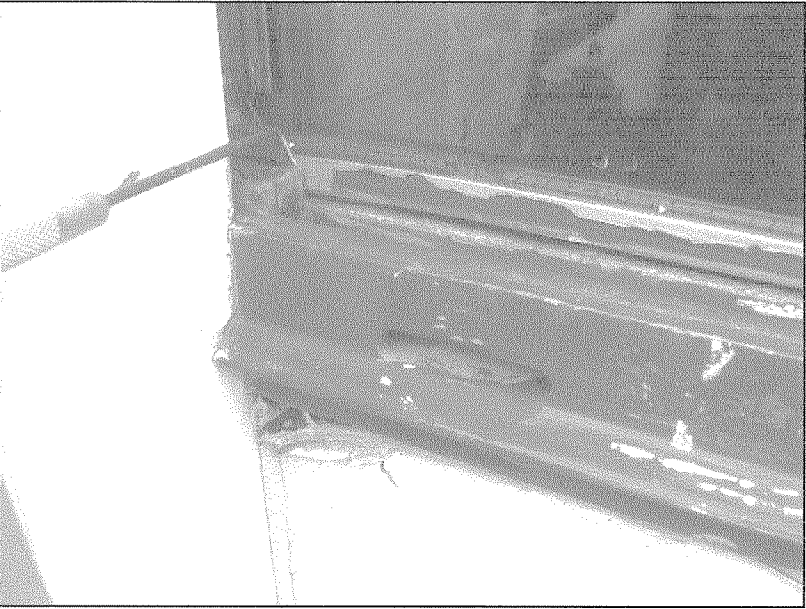


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PHOTO 6

A-5

NOT TO SCALE



7

PHOTO 7

A-5

NOT TO SCALE

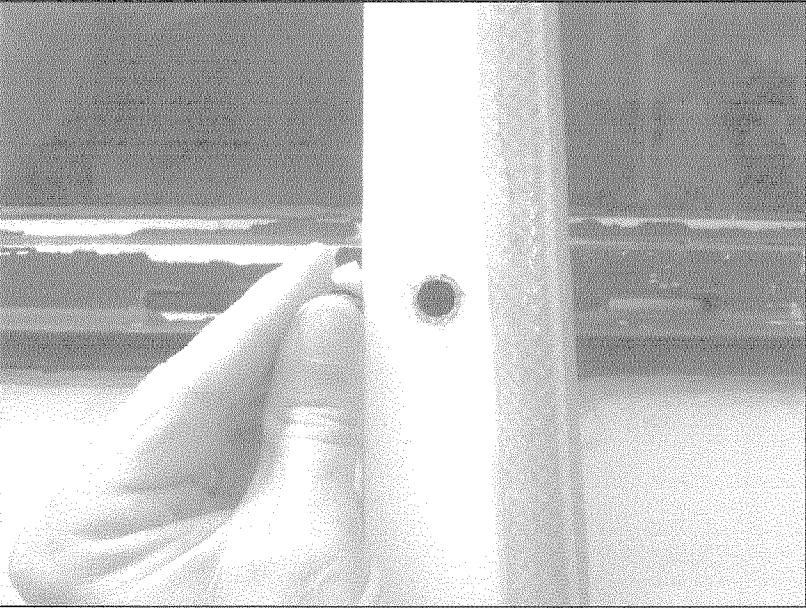


8

PHOTO 8

A-5

NOT TO SCALE



9

PHOTO 9

A-5

NOT TO SCALE



10

PHOTO 10

A-5

NOT TO SCALE



11

PHOTO 11

A-5

NOT TO SCALE

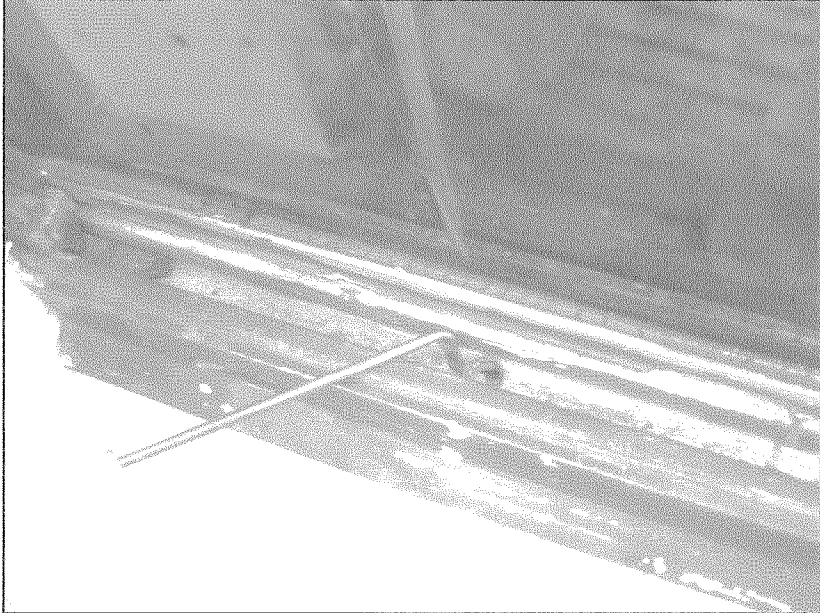


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PHOTO 12

A-5

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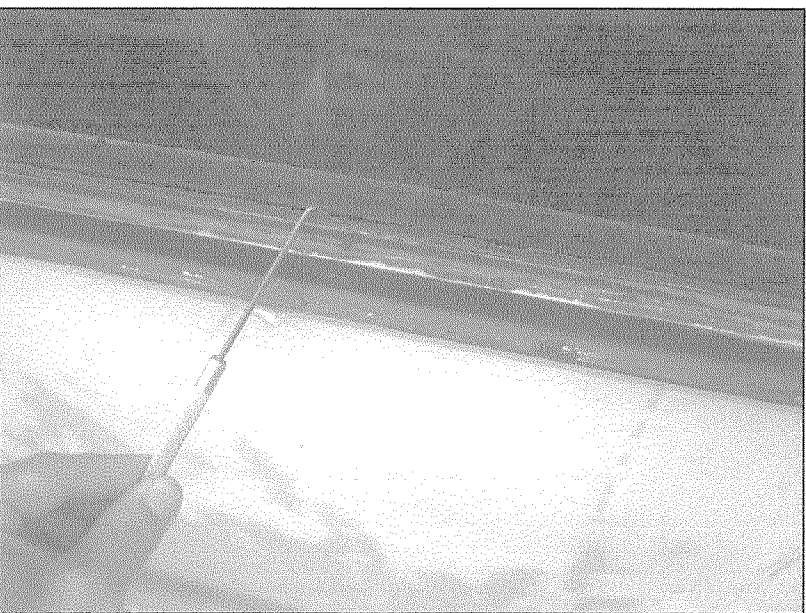


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PHOTO 13

A-5

NOT TO SCALE



14

PHOTO 14

A-5

NOT TO SCALE

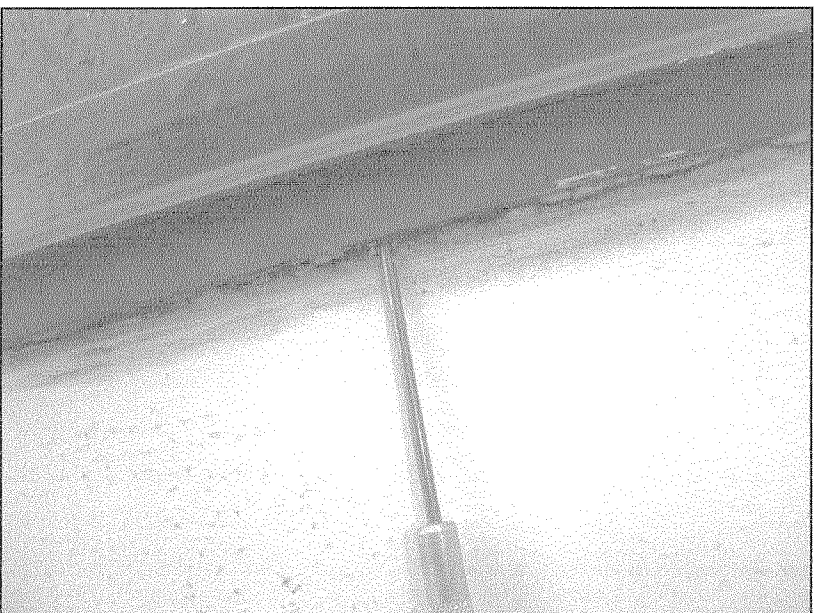


15

PHOTO 15

A-5

NOT TO SCALE



16

PHOTO 16

A-5

NOT TO SCALE

KEYNOTE LEGEND

NOTE #	REMARKS	DETAIL REF.
1	CLEAN EXTERIOR WINDOW SYSTEM PRIOR TO APPLICATION OF REMEDIAL WORK.	N/A A-X
2	REMOVE EXTERIOR PAINTS IN THE AREA WHERE SEALANTS WILL BE APPLIED.	N/A A-X
3	TRIM EXISTING DETERIORATED WINDOW GASKETS AROUND ALL WINDOW GLAZING CHANNELS IN PREPARATION FOR SEALANT APPLICATION. REMOVE ALL CAULKING @ SPANDREL PANELS BELOW ALL WINDOWS AROUND TWO MECHANICAL VENTS.	4,5 A-3
4	WIRE BRUSH EXTERIOR / INTERIOR CORRODED ALUMINUM WINDOW SURFACES AND VACUUM ALL RESIDUE.	N/A A-X
5	FOLLOW MANUFACTURER'S RECOMMENDED PREPARATION PROCEDURES.	A- X
6	PROVIDE WET-SEAL @ ALL VISION GLASS TO ALUMINUM GLAZING FRAME AND SILL TRACK. PROVIDE CLEAR SEALANT.	3,4,5 A-4
7	PROVIDE WET-SEAL @ ALL VISION GLASS TO VERTICAL MULLION. PROVIDE LIMESTONE SEALANT COLOR.	3 A-4
8	PROVIDE WET-SEAL @ ALL SPANDREL PANEL TO VERTICAL AND HORIZONTAL JOINTS INCLUDING WINDOW FRAME TO SPANDREL CONDITIONS. PROVIDE LIMESTONE SEALANT COLOR.	3,4,5 A-4
9	PROVIDE WET-SEAL @ MECHANICAL VENTS AND PENETRATIONS IN CURTAIN WALL. PROVIDE LIMESTONE SEALANT COLOR.	8 A-4 1,2 A-2
10	PROVIDE WET-SEAL @ VERTICAL MULLION EXPANSION JOINTS AND FASTENER HOLES. PROVIDE LIMESTONE SEALANT COLOR. SEE TEST REPORT IN SPECIFICATION SECTION FOR ADDITIONAL PHOTO DOCUMENTATION INFORMATION.	3,5 A-4
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13	APPLY SEALANT TO INTERIOR WINDOW SYSTEM (ABI #2). REMOVE EXTENT OF GASKET INDICATED IN DETAIL. PROVIDE CLEAR WET SEAL @ VISION GLASS TO ALUMINUM GLAZING FRAME AND SILL TRACK.	4,5 A-4

NOTE:

PHOTOS SHOWN REPRESENT EXISTING CONDITIONS AND GENERALLY REFLECT CURRENT CONDITIONS. HOWEVER, THE CONTRACTOR IS ENCOURAGED TO SURVEY THE EXISTING CONDITIONS ON SITE PRIOR TO BIDDING.

234513

REVISION NO.	SYM.	DESCRIPTION	SHT OF	DATE	APPROVED: STATE PUBLIC WORKS ADMINISTRATOR

FRANKLIN JANKAU WONG

LICENSED PROFESSIONAL ARCHITECT

No. 3364-A

HAWAII, U.S.A.

4/30/2008

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

DEPT. OF ACCOUNTING & GENERAL SERVICES

DIVISION OF PUBLIC WORKS

STATE OF HAWAII

CAPITOL CENTER BUILDING

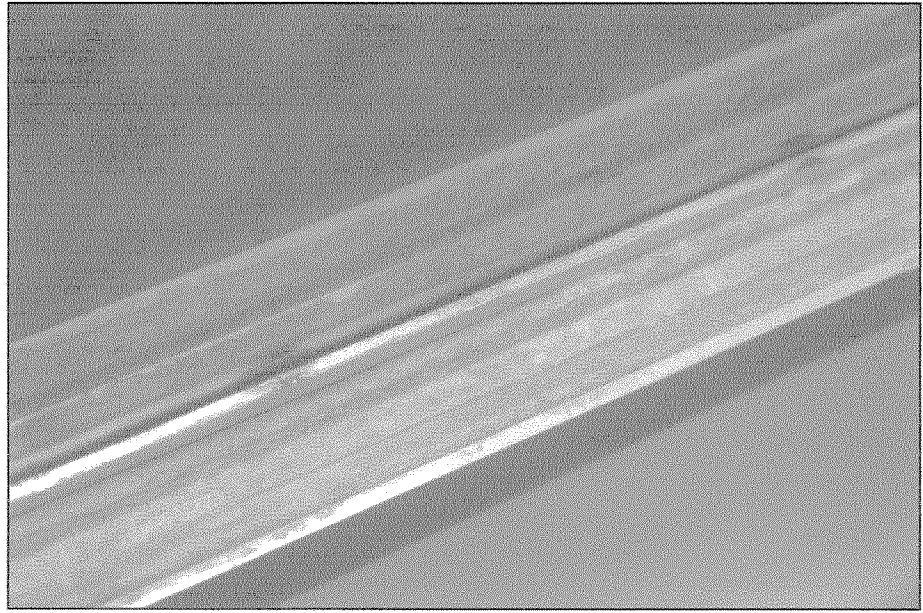
REPAIRS TO WINDOWS AND WALLS

HONOLULU, OAHU, HAWAII

EXTERIOR CONDITIONS

DESIGNED BY:	CHECKED BY:	DAGS PROJ. NO.	DRAWING NO.
FW	FW	62-10-0398	A-5
DRAWN BY:	APPROVED BY:	DATE	SHEET
JW	FW	APR 2006	6
SCALE:	AS NOTED		OF 7 SHTS

FILE _____ DRAWER _____ FOLDER _____

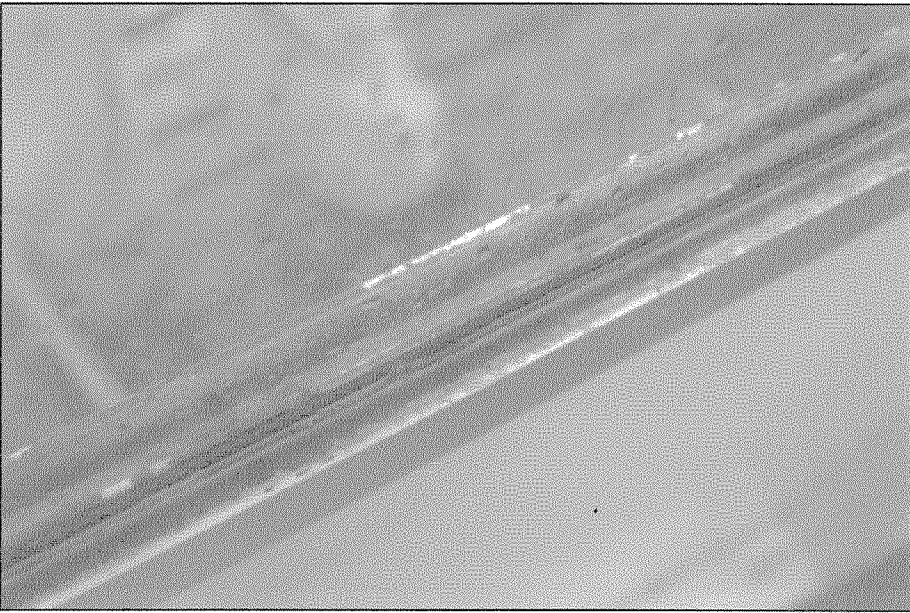


1

PHOTO 1

A-6

NOT TO SCALE



2

PHOTO 2

A-6

NOT TO SCALE

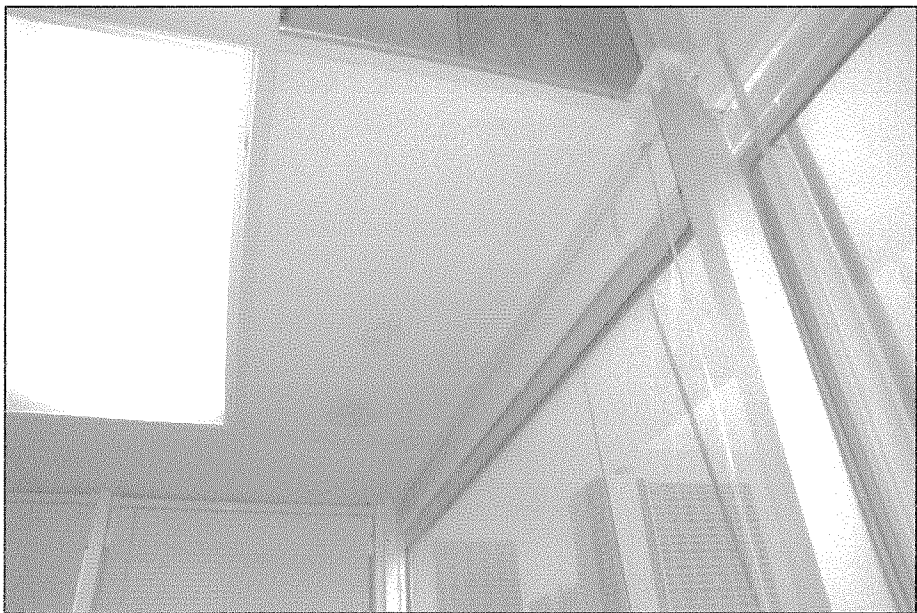


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PHOTO 3

A-6

NOT TO SCALE



4

PHOTO 4

A-6

NOT TO SCALE

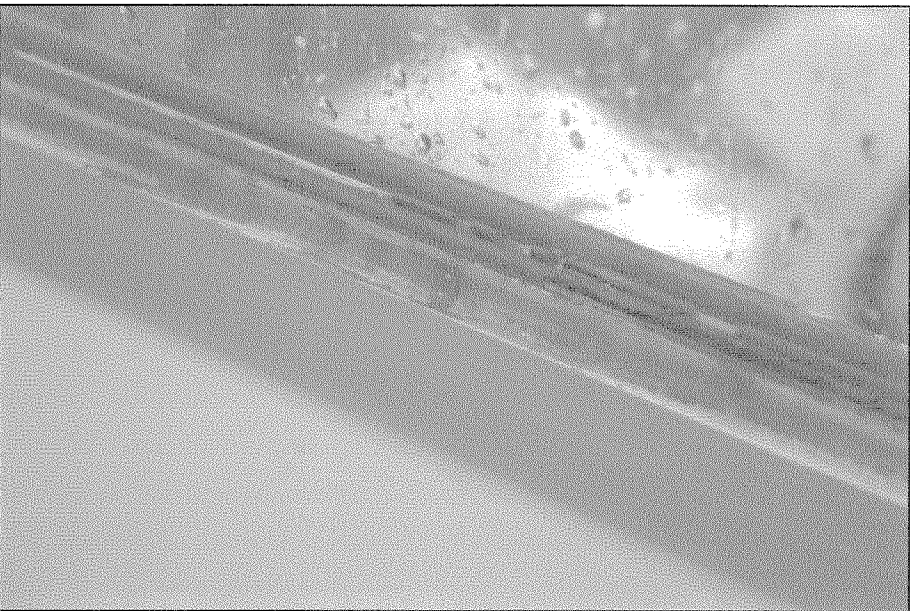


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PHOTO 5

A-6

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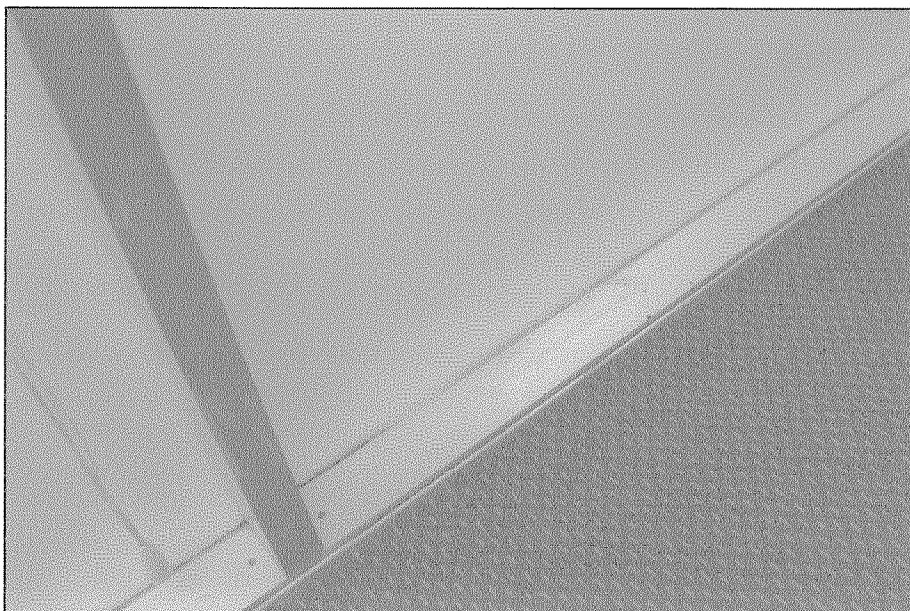


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PHOTO 6

A-6

NOT TO SCALE



7

PHOTO 7

A-6

NOT TO SCALE



8

PHOTO 8

A-6

NOT TO SCALE

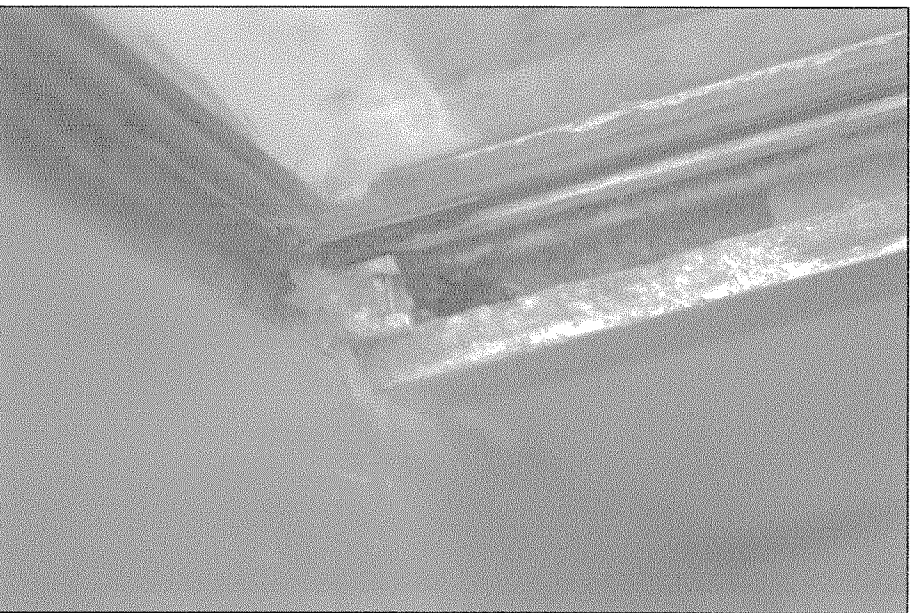


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PHOTO 9

A-6

NOT TO SCALE

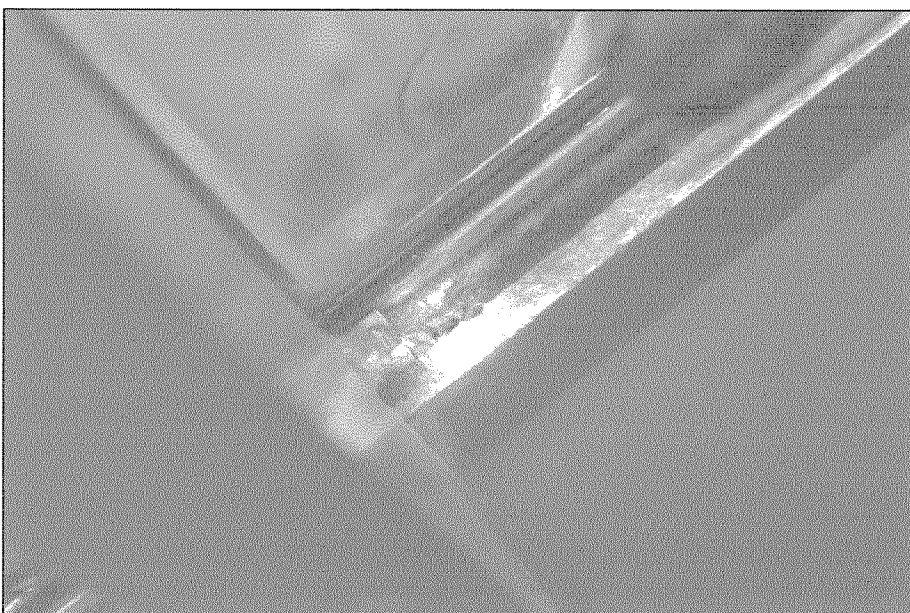


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PHOTO 10

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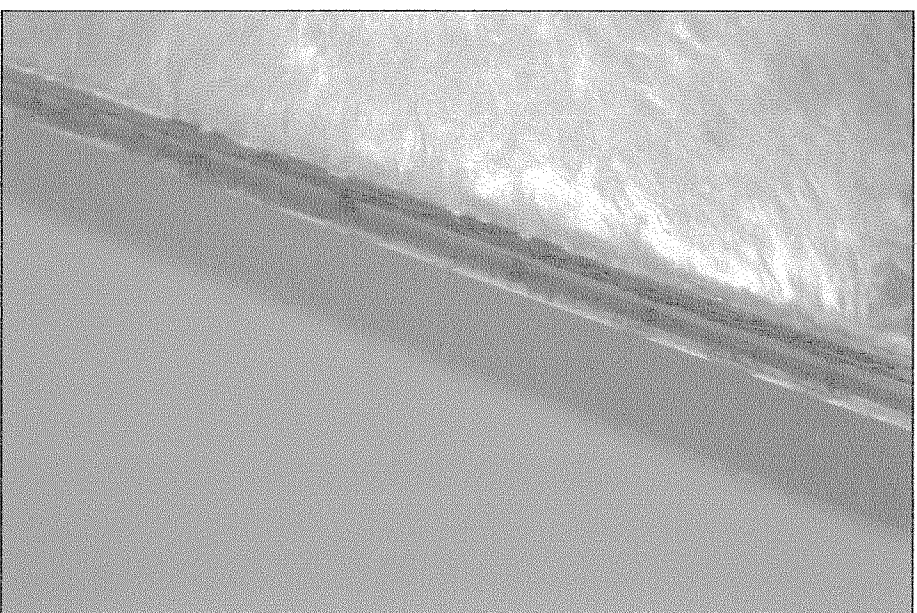


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PHOTO 11

A-6

NOT TO SCALE

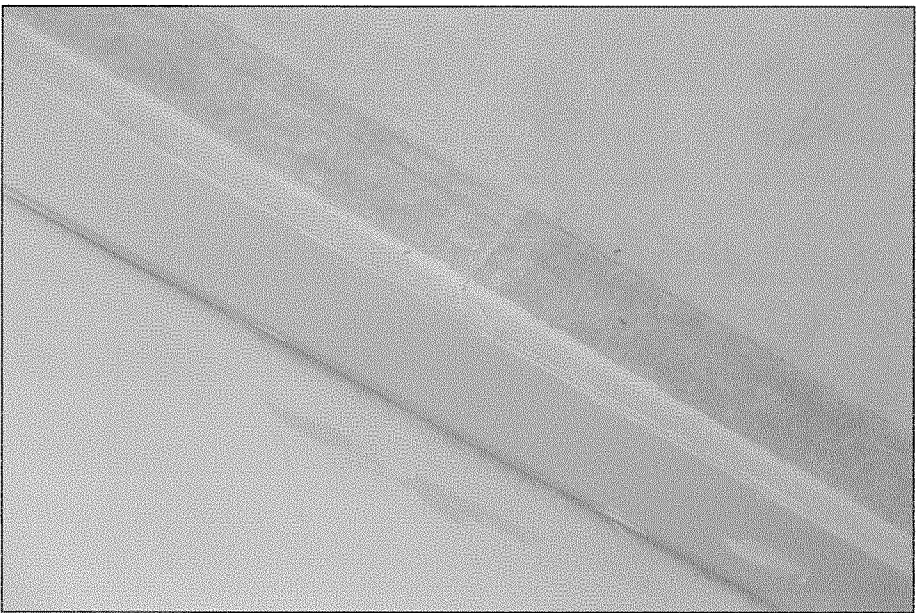


12

PHOTO 12

A-6

NOT TO SCALE



13

PHOTO 13

A-6

NOT TO SCALE



14

PHOTO 14

A-6

NOT TO SCALE



15

PHOTO 15

A-6

NOT TO SCALE



16

PHOTO 16

A-6

NOT TO SCALE

KEYNOTE LEGEND

NOTE #	REMARKS	DETAIL REF.	
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2	REMOVE EXTERIOR PAINTS IN THE AREA WHERE SEALANTS WILL BE APPLIED.	N/A A-X	
3	TRIM EXISTING DETERIORATED WINDOW GASKETS AROUND ALL WINDOW GLAZING CHANNELS IN PREPARATION FOR SEALANT APPLICATION. REMOVE ALL CAULKING @ SPANDREL PANELS BELOW ALL WINDOWS AROUND TWO MECHANICAL VENTS.	4,5 A-3	
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7	PROVIDE WET-SEAL @ ALL VISION GLASS TO VERTICAL MULLION. PROVIDE LIMESTONE SEALANT COLOR.	3 A-4	
8	PROVIDE WET-SEAL @ ALL SPANDREL PANEL TO VERTICAL AND HORIZONTAL JOINTS INCLUDING WINDOW FRAME TO SPANDREL CONDITIONS. PROVIDE LIMESTONE SEALANT COLOR.	3,4,5 A-4	
9	PROVIDE WET-SEAL @ MECHANICAL VENTS AND PENETRATIONS IN CURTAIN WALL. PROVIDE LIMESONE SEALANT COLOR.	8 A-4	1,2 A-2
10	PROVIDE WET-SEAL @ VERTICAL MULLION EXPANSION JOINTS AND FASTENER HOLES. PROVIDE LIMESTONE SEALANT COLOR. SEE TEST REPORT IN SPECIFICATION SECTION FOR ADDITIONAL PHOTO DOCUMENTATION INFORMATION.		3,5 A-4
11	PROVIDE MOCKUP TESTING: TO ASSURE THE WET-SEAL REPAIR ADDRESSES THE WATER LEAKAGE ISSUES, FIELD-TEST A MOCKUP AREA OF SEALANT INSTALLATION OF THE FACADE. THE SEALANT MANUFACTURER'S TECHNICAL REPRESENTATIVE SHOULD BE PRESENT DURING THE MOCKUP TESTING TO APPROVE TYPICAL REPAIR DETAILS AND TO CONFIRM CONFORMANCE TO WARRANTY REQUIREMENTS. IN ORDER TO EVALUATE THE INTENDED REPAIR DESIGN, THE MOCKUP AREA CAN BE INITIALLY TESTED USING ASTM E1105 "STANDARD TEST METHOD FOR FIELD DETERMINATION OF WATER PENETRATION OF INSTALLED EXTERIOR WINDOWS, SKYLIGHTS, DOORS, AND CURTAIN WALLS BY UNIFORM CYCLIC STATIC AIR PRESSURE DIFFERENCE" TECHNIQUES PRIOR TO IMPLEMENTING REPAIRS TO THE ENTIRE BUILDING FACADE. ASTM E1105 WOULD REQUIRE THE INSTALLATION OF A NEGATIVE PRESSURE CAMBER ON THE INTERIOR SIDE OF THE CURTAIN WALL SYSTEM AND A CALIBRATED SPRAY RACK ON THE EXTERIOR OF THE CURTAIN WALL. THE TEST INDUCES A NEGATIVE PRESSURE ON THE INTERIOR SIDE PULLING ANY AIR OR MOISTURE TOWARDS THE INTERIOR AND EXPLOITING ANY INCONSISTENCIES OR POSSIBLE WATER ENTRY POINTS IN THE WET-SEAL REPAIR. UPON PASSING THE ASTM E1105 TEST, THE MOCKUP REPAIRS CAN BE APPLIED TO THE ENTIRE CURTAIN WALL SYSTEM.		1 A-2
12	HIGH PRESSURE WASH TO DETERMINE EXISTING PAINT ADHESION. PREPARE SURFACE PER MANUFACTURE'S RECOMMENDED PROCEDURES, AND REPAINT EXTERIOR FACE OF SPANDREL PANELS AND MULLIONS TO MATCH BUILDING EXTERIOR FIELD COLOR (ABI #1).		1 A-
13	APPLY SEALANT TO INTERIOR WINDOW SYSTEM (ABI #2). REMOVE EXTENT OF GASKET INDICATED IN DETAIL. PROVIDE CLEAR WET SEAL @ VISION GLASS TO ALUMINUN GLAZING FRAME AND SILL TRACK.		4,5 A-4

NOTE:
PHOTOS SHOWN REPRESENT EXISTING CONDITIONS AND GENERALLY REFLECT CURRENT CONDITIONS. HOWEVER, THE CONTRACTOR IS ENCOURAGED TO SURVEY THE EXISTING CONDITIONS ON SITE PRIOR TO BIDDING.

1-1012

REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED: STATE PUBLIC WORKS ADMINISTRATOR

FRANKLIN JANKAU WONG

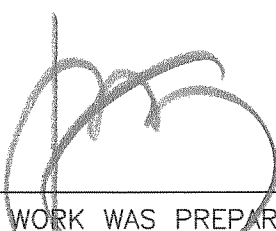
LICENSED PROFESSIONAL ARCHITECT

No. 3364-A

HAWAII, U.S.A.

4/30/2008

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.



DEPT. OF ACCOUNTING & GENERAL SERVICES

DIVISION OF PUBLIC WORKS

STATE OF HAWAII

CAPITOL CENTER BUILDING

REPAIRS TO WINDOWS AND WALLS

HONOLULU, OAHU, HAWAII

INTERIOR CONDITIONS

DESIGNED BY: FW	CHECKED BY: FW	DAGS PROJ. NO. 62-10-0398	DRAWING NO. A-6
DRAWN BY: JW	APPROVED BY: FW	DATE: APR 2006	SHEET 7 OF 7 SHTS
SCALE: AS NOTED			

FILE _____ DRAWER _____ FOLDER _____