

COMPONENTS & MATERIALS SPECIFICATIONS SHEET

(THIS IS A GENERAL LISTING, NOT ALL ITEMS ARE UTILIZED ON THIS PROJECT)

A FRAMEWORK:

ALL SKYLIGHT FRAMEWORK SHALL BE OF EXTRUDED ALUMINUM, (ALLOY AS NOTED)

CODE	DESCRIPTION	ALLOY
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B FLASHING:

- B1. GA. ALUMINUM FLASHING (5005-H34)
- B2. FLASHING TO BE RETAINED TO THE STRUCTURE BY THE USE OF 16 GA. ALUMINUM RETAINER CLIP - 3" WIDE - 20" O.C.
- B3. 18 GA. ALUMINUM SELF-FLASHING CURB BASE SPLICE (12" LONG); FIELD CUT & FOLD AS REQ'D FOR CORNERS
- B4. POLYCARBONATE CAP CLOSURE
- B5. 1/8" ALUMINUM SHEET (5052-H32)
- B6. 3/16" ALUMINUM SHEET (5052-H32)

C FINISH:

ALL ALUMINUM EXTRUSION & ALUMINUM FLASHING EXPOSED TO VIEW SHALL RECEIVE THE FOLLOWING FINISH(S):

- C1.

D GLASS/PANELS:

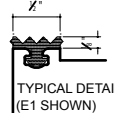
GLASS AND/OR PANELS TO BE SUPPLIED AS FOLLOWS:

- D1. 11/16" SAGE GLASS

E GLAZING STRIPS:

EXTRUDED GLAZING STRIPS SHALL BE TYPE 1, HEAT CURED SILICONE RUBBER, OR EPDM, DESIGNED TO PREVENT ADHESION, AND COMPLY WITH THE FOLLOWING SPECIFICATIONS:

HARDNESS.....(SHORE A) 50+ 5 DUROMETER
 TENSILE STRENGTH..... 800 PSI (MIN.)
 ELONGATION..... 300% (MIN.)
 TEAR, DIE B, PSI..... 65 (MIN.)
 COLOR..... BLACK



- E1. 1/8" X 1/2" GLAZING STRIP (EPDM) DWG# 14476-M
- E2. 1/8" X 1/2" GLUE-ON GLAZING STRIP DWG# 11408-M
- E3. 3/16" X 1/2" GLAZING STRIP DWG# 12168-M
- E4. 3/16" X 1/2" GLUE-ON GLAZING STRIP DWG# 11150-M
- E5. 1/4" X 3/8" GLAZING STRIP (EPDM) DWG# 19575-M
- E6. 1/4" X 3/8" GLUE-ON GLAZING STRIP DWG# 12814-M
- E7. 3/8" X 1/2" GLAZING STRIP DWG# 10553-M
- E8. 3/8" X 1/2" GLUE-ON GLAZING STRIP DWG# 11149-M
- E9. 5/32" TAPERED (10") GLAZING STRIP DWG# 10552-M
- E10. 3/16" TAPERED (10") GLAZING STRIP DWG# 11151-M
- E11. 1/2" X 1/2" HOLLOW GLAZING STRIP DWG# 11911-M

F SETTING BLOCKS:

EXTRUDED SETTING BLOCKS SHALL BE TYPE II SILICONE RUBBER DESIGNED TO PERMIT ADHESION, AND COMPLY WITH THE FOLLOWING SPECIFICATIONS:

HARDNESS: (SHORE A) 80+ 5 DUROMETER COLOR: BLACK

- F1. 1/8" THICK X 4" LONG (DEPTH DETERMINED BY GLASS THICKNESS)
- F2. 10° TAPERED SETTING BLOCKS ARE LOCATED 2 PER LITE OF GLASS @ 1/4 POINTS (UNLESS NOTED OTHERWISE)

G SPACER BLOCKS:

EXTRUDED EPDM SPACE BLOCKS SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS.

2 PER LITE @ 1/4 POINTS
 HARDNESS: (SHORE A) 80 ± 5 DUROMETER COLOR: BLACK

FOR INSULATING GLASS:

- G1. 5/8"X 1-3/8"X 1" FOR 2" WIDE EXTRUSIONS
- G2. 1-1/8"X 1-3/8"X 1" FOR 2-1/2" & 3" WIDE EXTRUSIONS

FOR LAMINATED GLASS:

- G3. 5/8"X 3/4"X 1" FOR 2" WIDE EXTRUSIONS
- G4. 1-1/8"X 3/4"X 1" FOR 2-1/2" & 3" WIDE EXTRUSIONS

FOR 1/4" THICK GLASS:

- G5. 5/8"X 1/2"X 5/8" FOR ALL EXTRUSIONS

H FASTENERS:

- H1. FASTENERS USED FOR THE ATTACHMENT OF THE EXTERIOR CAP RETAINERS SHALL BE A SPECIAL 300 SERIES 1/4-20 STAINLESS MACHINE SCREW W/ VINYL WASHER (12" ON CENTER) (UNLESS NOTED OTHERWISE) (REF DWG# 12254-M)
- H2. 1/4-20 ST. STL. TRUSS HD. SCREW
- H3. 1/4-20 ST. STL. JACKSON HEAD SCREW
- H4. 1/4-20 ST. STL. ROUND HEAD SCREW
- H5. 1/4-20 ST. STL. FLAT HD. SCREW (UNDERCUT)
- H6. 1/4" DIA. ALUMINUM HUCK RIVET
- H7. #14 ST. STL. SHEET METAL SCREW (1-1/4" LONG)
- H8. 3/8" ALUMINUM CAPSCREW
- H9. 3/8" ZINC PLATED CAPSCREW W/ ST. STL. WASHER
- H10. 3/8" ST. STL. CAPSCREW
- H11. 3/8" ST. STL. CAPSCREW W/ ST. STL. WASHER
- H12. 3/8" ST. STL. TRUSS HD. SCREW
- H13. 3/8" ZINC PLT'D. LAGSCREW W/ WASHER
- H14. 1/2" ZINC PLT'D. DYNA BOLT W/ WASHER
- H15. ST. STL. SHEET METAL SCREW
- H16. ZINC NAIL DRIVE FASTENER
- H17. 1/8" ST. STL. POP RIVET
- H18. ALUMINUM NAIL
- H19. 3/8" ST. STL. FLAT HD. SCREW
- H20. DRIL FLEX SELF DRILLING FASTENER W/STALGARD COATING
- H21. 1/2" DIA. ALUM. CAPSCREW
- H22. 1/2" DIA. ZINC PLT'D. CAPSCREW
- H23. 1/2" DIA. ST. STL. CAPSCREW
- H24. 1/2" DIA. ST. STL. TRUSS HD.
- H25. 5/16" DIA. ALUM. CAPSCREW
- H26. 1/4" ALUM. WELDED STUD W/ NUT
- H27. 5/8" ZINC PLATED DYNABOLT W/ WASHER
- H28. 1/4" DIA. X 1" NAIL DRIVE MUSHROOM HD. NYLON
- H29. 1/4" DIA. ST. STL. CAPSCREW
- H30. 5/16" DIA. ST. STL. CAPSCREW
- H31. 1/2" DIA. ALUM. THREADED ROD

I SEALANTS:

ALL SEALANT ON THIS PROJECT SHALL BE DOW CORNING #795 (UNLESS NOTED OTHERWISE)

- I1. STANDARD CONSTRUCTION JOINTS AND ALL NON-STRUCTURAL JOINTS, UP TO 3/4" WIDE, WITH DEPTH EQUAL TO HALF WIDTH, WITH OPEN CELL BACKER ROD, OR TEFLON BOND BREAKER TAPE TO PREVENT THREE SIDED ADHESION (BLACK).
- I2. STRUCTURAL CONSTRUCTION JOINTS, 1/4" WIDE X 1/4" DEEP, WITH OPEN CELL BACKER ROD, (5/8" DIA.) (BLACK).
- I3. STANDARD RETAINER WET SEAL (BLACK)
- I4. SEALANT ADJACENT TO THE FINISHED SKYLIGHT MATERIAL (BUT NOT IN CONTACT WITH GLASS) TO BE A STANDARD COLOR TO MOST CLOSELY MATCH FINISH COLOR ().

ERECTOR NOTE:
 PLEASE REFER TO DOW CORNING SPEC DATA (SUPER SKY FIELD MANUAL SECT. G-13) FOR SEALANT APPLICATION PROCEDURE.
 ALL SURFACES WHICH COME IN CONTACT WITH SEALANTS MUST BE CLEANED AND PREPARED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

J ASPHALTIC PAINT:

- J1. GRAHAM 952-01 GILSONITE BASED ASPHALTUM.

ASPHALTIC PAINT IS APPLIED BETWEEN THE ALUMINUM AND DISSIMILAR MATERIALS TO PREVENT ELECTROLYTIC ACTION AND CORROSION.

K INSULATION:

- K1. RIGID INSULATION (STYROFOAM SM - DOW CORNING) INSULATION BOARD SHALL MEET PHYSICAL PROPERTY REQUIREMENTS GIVEN IN FEDERAL SPECIFICATION HH-I-524C, TYPE IV, AND ASTM SPECIFICATION C-578-85, TYPE IV.
- K2. FIBERGLASS BATTING (R-SERIES MICROLITE-MANSVILLE) COMPLIANT WITH GOVERNMENT SPECIFICATION HH-I-558B FORM B, TYPE 1, CLASS 6

L CLIPS AND PLATES:

EXTRUDED CLIPS TO BE ALLOY 6061-T6
 FORMED CLIPS TO BE ALLOY 5052-H32

- | | |
|-----------------------------------|------------------------------|
| L1. EXTR. T-CLIP | L15. 3/8" REC BAR |
| L2. EXTR. CHANNEL CLIP W/SERR. | L16. 1/2" REC BAR |
| L3. EXTR. CHANNEL CLIP W/O SERR. | L17. 1/8" ANGLE |
| L4. EXTR. ANCHOR PLATE | L18. 3/16" ANGLE |
| L5. EXTR. JACK BAR CLIP W/SERR. | L19. 1/4" ANGLE |
| L6. EXTR. JACK BAR CLIP W/O SERR. | L20. 5/16" ANGLE |
| L7. SPLICE/GUSSET PLATE | L21. 3/8" ANGLE |
| L8. APEX ANGLE CLIP | L22. 1/2" ANGLE |
| L9. APEX CHANNEL CLIP | L23. EXTR. CLIP W/SCREW SLOT |
| L10. EXTR. ZEE-CLIP | |
| L11. 1/8" REC BAR | |
| L12. 3/16" REC BAR | |
| L13. 1/4" REC BAR | |
| L14. 5/16" REC BAR | |

M RIGID PVC FILLER BARS:

ALL FILLER BARS TO BE RIGID PVC #820 WITH .095" MINIMUM WALL THICKNESS

GLASS GROUP	FILLER BAR SIZE	COLOR CODE
M1. 3/8" & 7/16"	1/2" X 9/16"	OAK
M2. 1/2" & 9/16"	1/2" X 5/8"	WHITE
M3. 1"	1/2" X 1-1/8"	CHAMPAGNE
M4. 1-1/8" & 1-3/16"	1/2" X 1-1/4"	GREY
M5. 1-1/4" & 1-5/16"	1/2" X 1-3/8"	BLACK
M6. 1"	1/2" X 1"	BROWN
M7. 1-1/4" & 1-5/16" (FLUSH GL.)	1/2" X 1-7/8"	BLUE
M8. 10 mm POLYCARBONATE	1/2" X 7/16"	PURPLE
M9. 16 mm POLYCARBONATE	1/2" X 3/4"	POLAR WHITE

N MISCELLANEOUS:

- N1. 1/4" DIA. WEEP HOLE @ EACH RAFTER
- N2. 1/4" DIA. WEEP HOLE, 1 PER LITE @ CENTERPOINT
- N3. 1-1/4" DIA. ACCESS HOLE W/ ALUMINUM COVER (SET IN SEALANT)
- N4. 1-1/2" DIA. ACCESS HOLE
- N5. PVC CONDENSATION SPLICE CHANNEL (SET IN SEALANT)
- N6. 3/16" ALUMINUM GLASS STOP, 4" LONG, 2 PER LITE @ 1/4 PTS.
- N7. 0.160" ALUMINUM GLASS STOP, CONTINUOUS (WELD TO CR. BAR)
- N8. PLASTIC HORSESHOE SHIM (AS REQ'D.)
- N9. ALUMINUM SHIM (AS REQ'D)
- N10. OPEN CELL WEEP HOLE BAFFLE (SET IN SEALANT)
- N11. TEFLON BOND BREAKER TAPE
- N12. UHMW SLIP PAD
- N13. DOUBLE SIDED TAPE
- N14. .050" THICK ALUMINUM SPINNING
- N15. FOAM TAPE
- N16. NEOPRENE SHEET
- N17. EXPAND-O-FLASH EJ.

GENERAL CONTRACTOR / ARCHITECT NOTE:
 SUPER SKY REQUIRES THAT GUARANTEED OPENING DIMENSIONS OF THE SUPPORTING STRUCTURE BE PROVIDED PRIOR TO THE FABRICATION OF ANY SKYLIGHT WORK. ANY ADJACENT AND SUPPORT CONSTRUCTION BY OTHERS MUST BE HELD TO ± 1/2" OF THE THEORETICAL LOCATION.

ALL DESIGN, ENGINEERING, AND DIMENSIONS OF THE SKYLIGHT SUPPORTING STRUCTURE SHALL BE THE RESPONSIBILITY OF THE TRADE(S) FURNISHING THE WORK. ONLY IF CONTRACTED TO INSTALL THE SKYLIGHT WORK, AND THEN ONLY UPON MOBILIZATION OF THE JOB TO INSTALL, WILL SUPER SKY FIELD CHECK THE SUPPORT STRUCTURE FOR CONFORMANCE WITH DESIGN DIMENSIONS AND CONDITIONS. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTING PARTY FOR CORRECTION BY THE RESPONSIBLE TRADE(S).

ALL SKYLIGHT SUPPORT MATERIALS MUST BE CAPABLE OF WITHSTANDING THE HORIZONTAL AND VERTICAL REACTIONS THAT ARE IMPOSED BY THE SKYLIGHT. FOR SKYLIGHT REACTIONS, REFER TO THE STRUCTURAL CALCULATION SUBMISSION, OR CONTACT SUPER SKY DIRECT.

FURNISHING OF TEMPORARY COVERING AND WEATHERPROOFING OF THE SKYLIGHT OPENINGS, AND THE REMOVAL OF THE PROTECTIVE MEASURES DURING AND AFTER THE SKYLIGHT INSTALLATION IS EXCLUDED.

INSTALLER NOTE:
 PREFABRICATED SKYLIGHT FRAMES ARE SHIPPED KNOCKED-DOWN AND ARE SITE ASSEMBLED.

FACTORY FABRICATED GLASS UNITS OR GLAZING PANELS ARE SHIPPED BY THE MANUFACTURER AND ARE FIELD GLAZED INTO THE INSTALLED SKYLIGHT FRAMES.

FRAME AND GLASS SHIPMENTS ORIGINATE FROM TWO SEPARATE PLANTS AND DELIVERY IS NOT SCHEDULED CONCURRENTLY.

SHEET METAL FLASHING AND CLOSURES ARE FURNISHED SHOP-FORMED TO PROFILE IN STOCK LENGTHS. THE SHEET METAL IS TO BE FIELD TRIMMED TO LENGTH AND THE ENDS FIELD-FORMED AS NECESSARY TO SUIT AS-BUILT CONDITIONS. SHEET METAL ENDS ARE TO BE OVERLAPPED 6"-8", SET IN A FULL BED OF SEALANT, AND RIVETED IF REQUIRED.

REFER TO THE SUPER SKY SKYLIGHT INSTALLATION MANUAL FOR FURTHER SKYLIGHT INSTALLATION STANDARDS AND PRACTICES

ERECTION BY:
 SUPER SKY PRODUCTS INC.

OTHERS

GLASS SUPPLIED BY:
 SUPER SKY PRODUCTS INC.

OTHERS

GLAZING BY:
 SUPER SKY PRODUCTS INC.

OTHERS

GLASS DRAWING(S):

MISC. DRAWING(S):

DATE FILE NAME

SageGlass® IGU Integration



REVISION

PROJECT

SageGlass® IGU Integration Details

ARCHITECT

CONTRACTOR

TITLE

COMPONENTS & MATERIALS SPECIFICATIONS SHEET

DRAWN BY: LD DATE: 12/15/04

SCALE: APPROVAL: 1 (DP)

PROJECT NO.: 20040231

A1 OF 4



SUPER SKY PRODUCTS, INC.
 10301 N. ENTERPRISE DR.
 MEQUON, WISCONSIN 53092
 262-242-2000

REVISION

PROJECT
 SageGlass® IGU Integration Details

ARCHITECT

CONTRACTOR

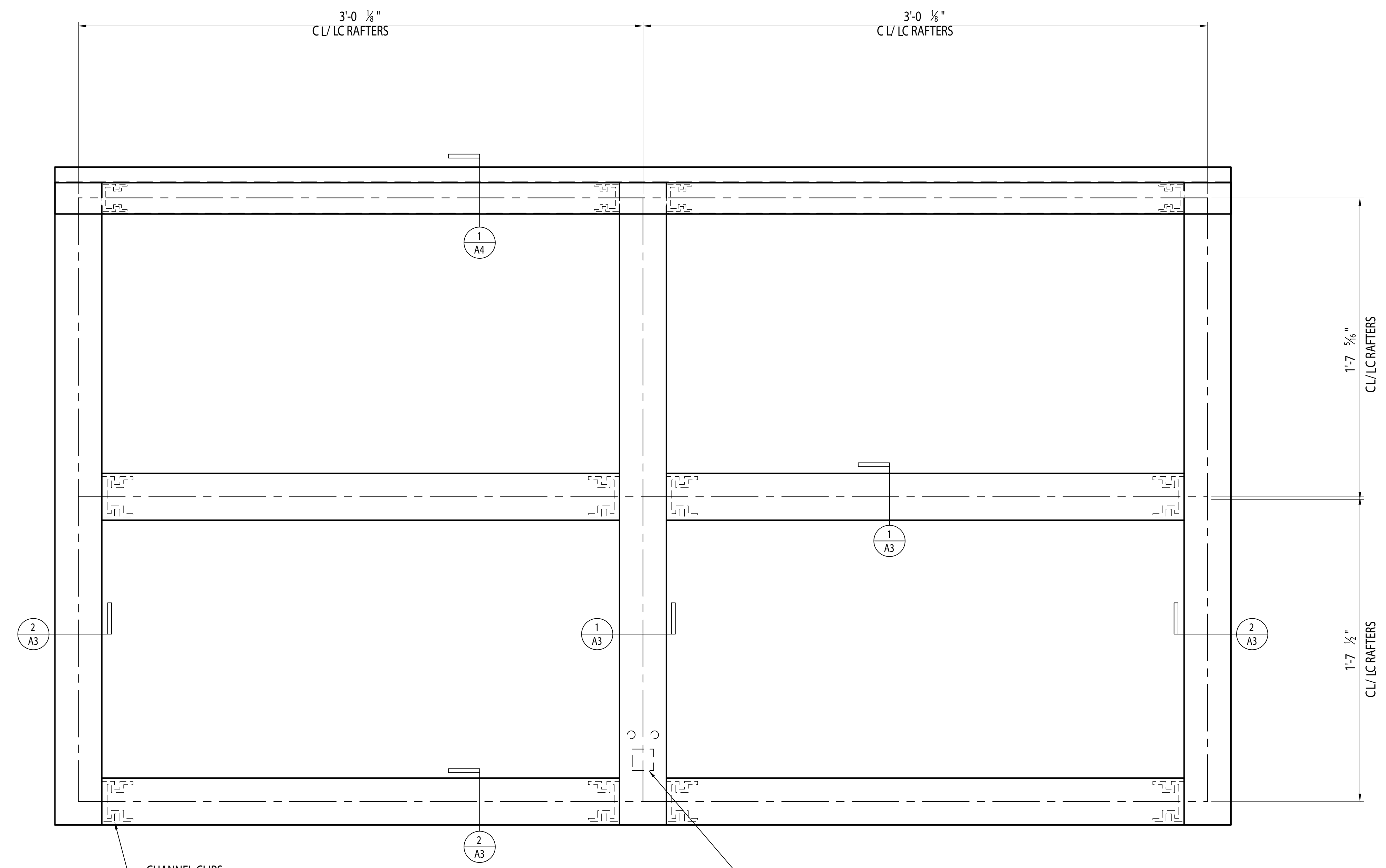
TITLE
 PLAN VIEW

DRAWN BY
 LD DATE
 12/15/04

SCALE
 3" = 1'-0" APPROVAL
 1 (DP)

PROJECT NO.
 20040231

A2
 OF 4



SHOP NOTE:
 LOCATE BRIDGEPORT BUSHINGS
 AND CROUSE-HINDS LNR4 HERE

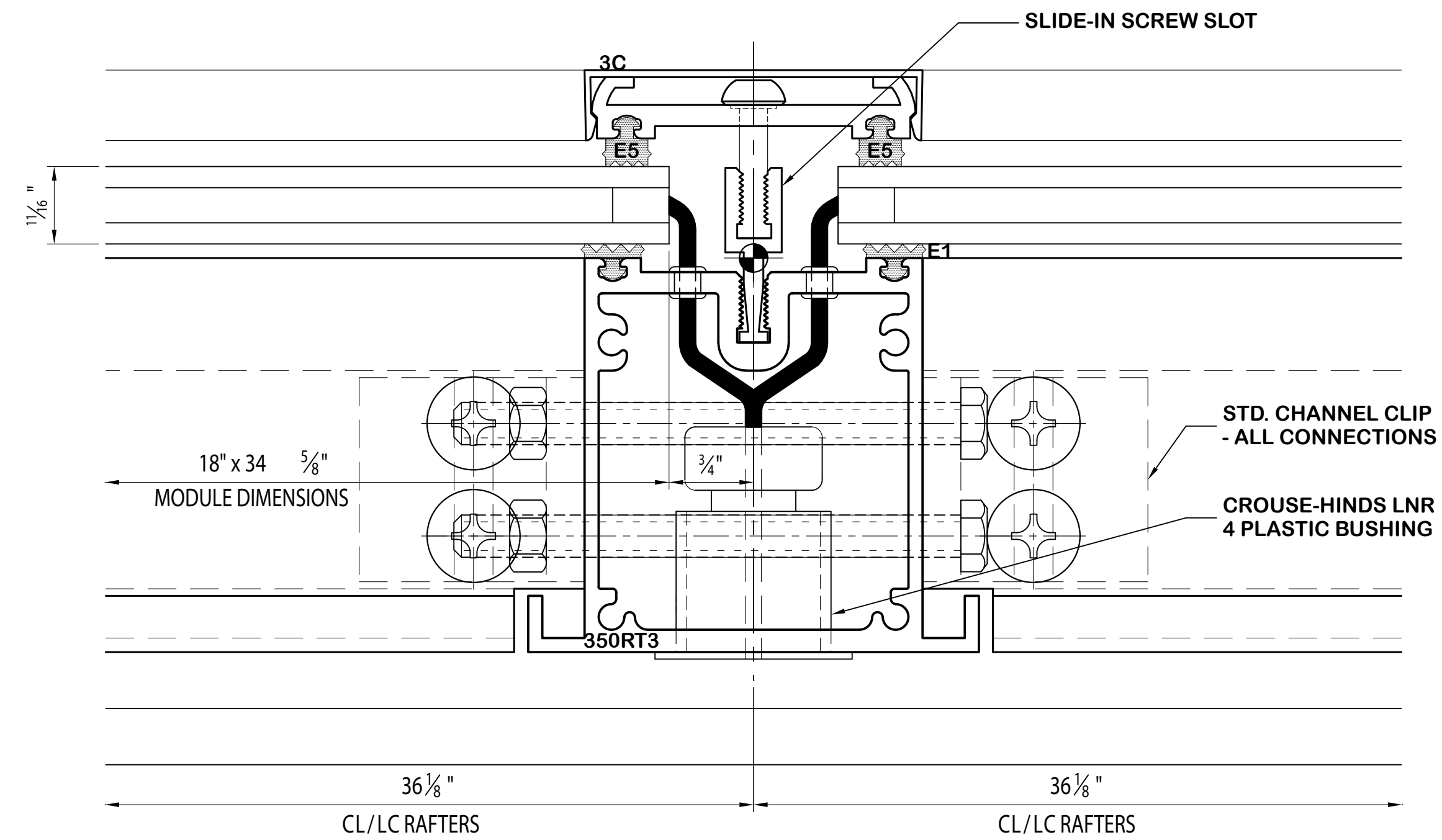
1/A2 PLAN VIEW
 SCALE: 3" = 1'-0"

CAD FILE NAME
 SageGlass® IGU Integration

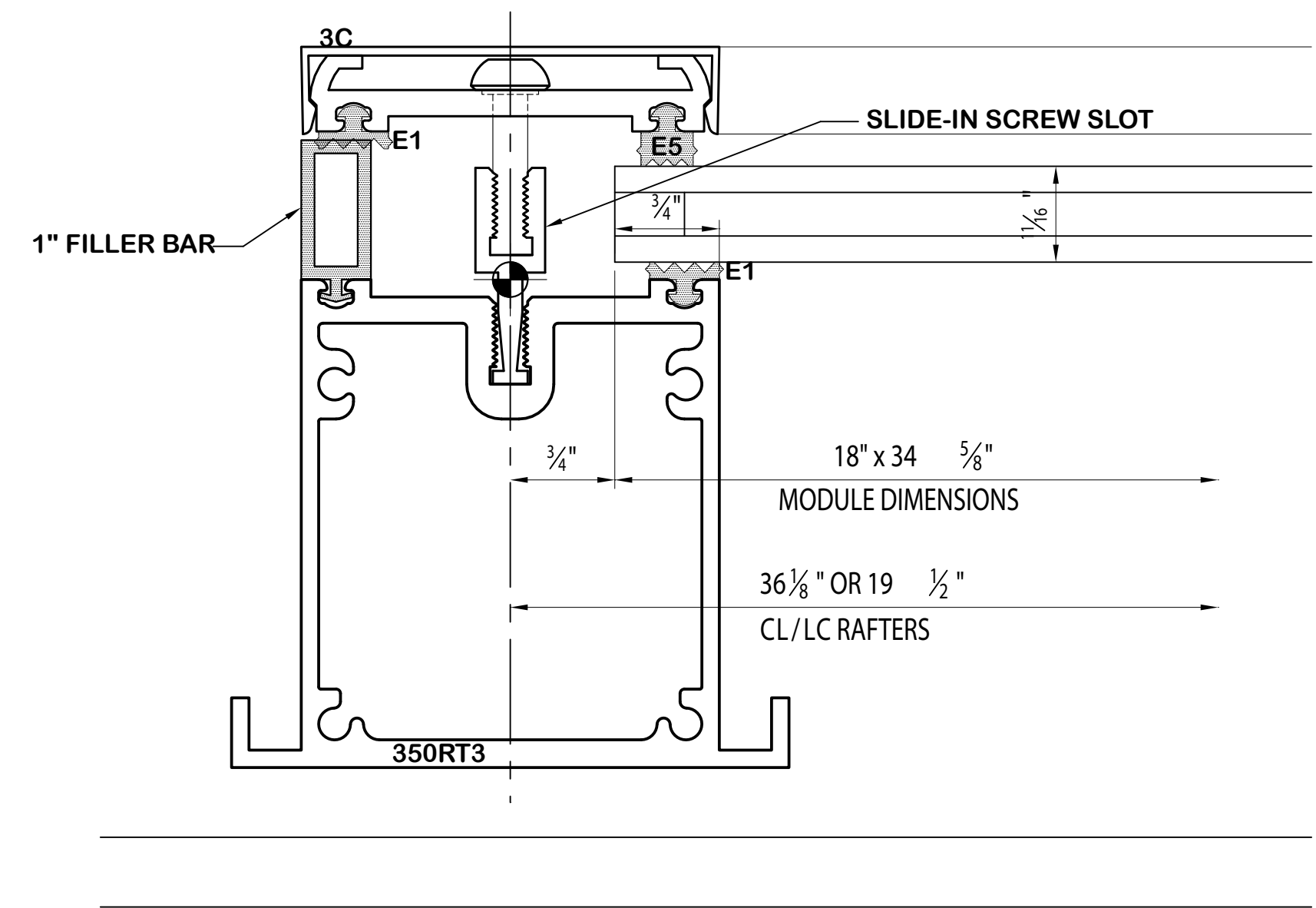


SUPER SKY PRODUCTS, INC.
 10301 N. ENTERPRISE DR.
 MEQUON, WISCONSIN 53092
 262-242-2000

REVISION



1 RAFTER SECTION
 A3 SCALE: FULL



2 END RAFTER SECTION
 A3 SCALE: FULL

PROJECT
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ARCHITECT

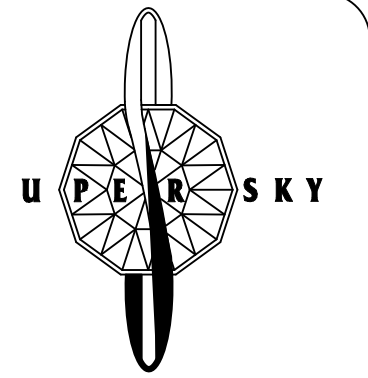
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TITLE
 RAFTER & END RAFTER SECTIONS

DRAWN BY
 LD DATE
 12/15/04

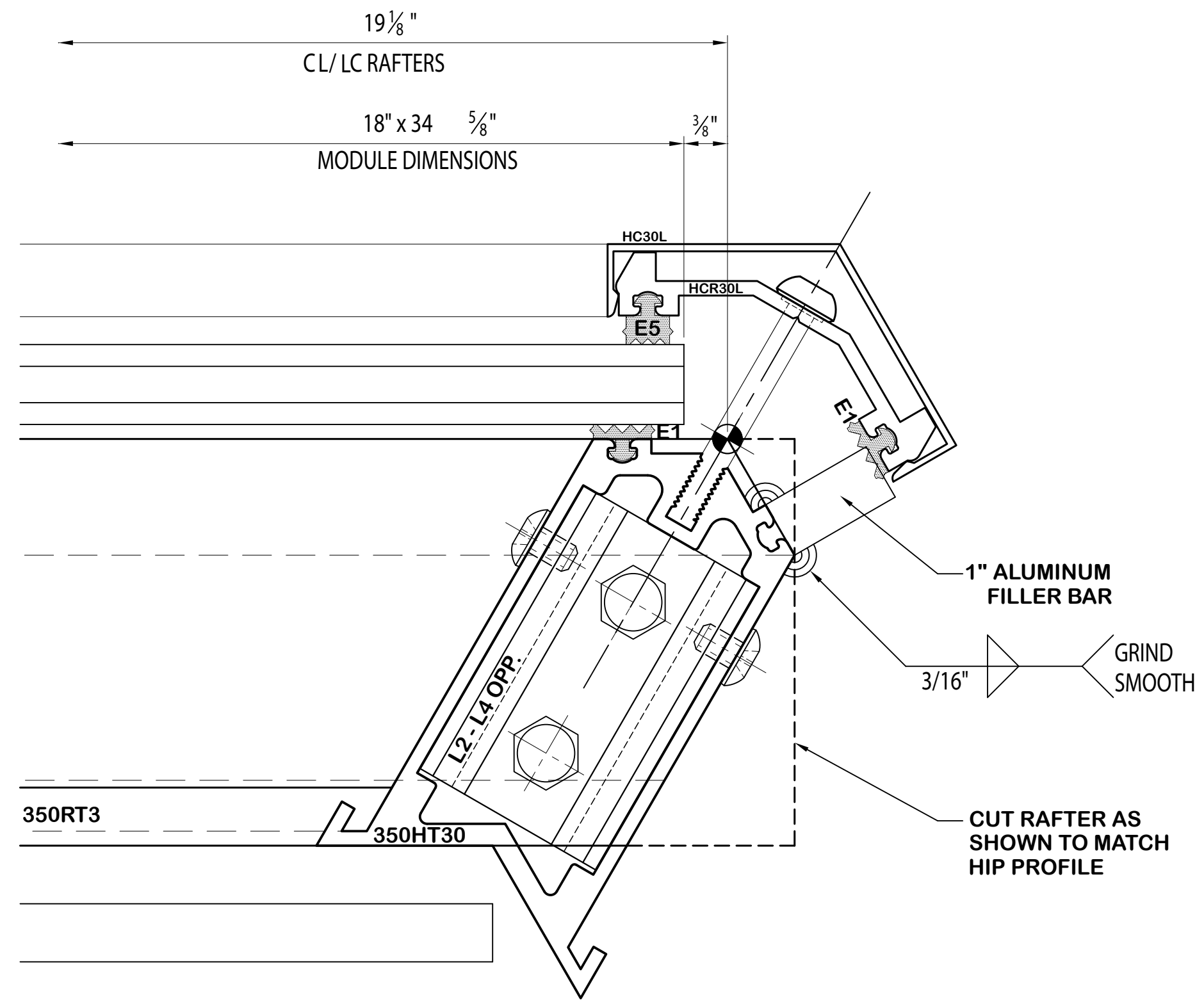
SCALE
 FULL APPROVAL
 1 (DP)

PROJECT NO.
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1 HEAD SECTION
 A4 SCALE: FULL

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TITLE

RAFTER & END RAFTER SECTIONS

DRAWN BY LD DATE 12/15/04

SCALE FULL APPROVAL 1 (DP)

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