

**COMPLETE THIS FORM WHEN DROPPING OFF ANY  
CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY  
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:**

Date: 2/14/23       ONLINE SUBMITTAL       PAPER SUBMITTAL

To: DILP  
(Reviewer/Requestor's Name)      (Division)

From: MICHELLE CLANCY      443-610-7514  
(Your Name, Company Name)      (Phone Number)

Subject: Project name 18434 HIDDEN CREEK WAY SUNROOM  
Project site address 18434 HIDDEN CREEK WAY  
Permit # B23000463      SDP # \_\_\_\_\_  
Other information pertinent to this project \_\_\_\_\_


✓ Please check the attachments below that you are submitting with this transmittal:

- Letter of response to address plan review comment letter
- Revised plans and/or revised details: When submitting for a complete re-review, **duplicate sets shall be submitted.**
- Letter Summarizing Changes
- Energy conservation calculations
- Copies of \_\_\_\_\_ (be specific).  
 Health Department Request       DPZ/ DED Request       Applicant's Request
- Two sets of single-family model plans to be placed on permanent file: Model Name/ # \_\_\_\_\_
- Other \_\_\_\_\_

**Contact Person Information: (Required)**

MICHELLE CLANCY      Telephone No: 443-610-7514  
Please Print Name      E-Mail Address: michelle@appliedandapproved.com

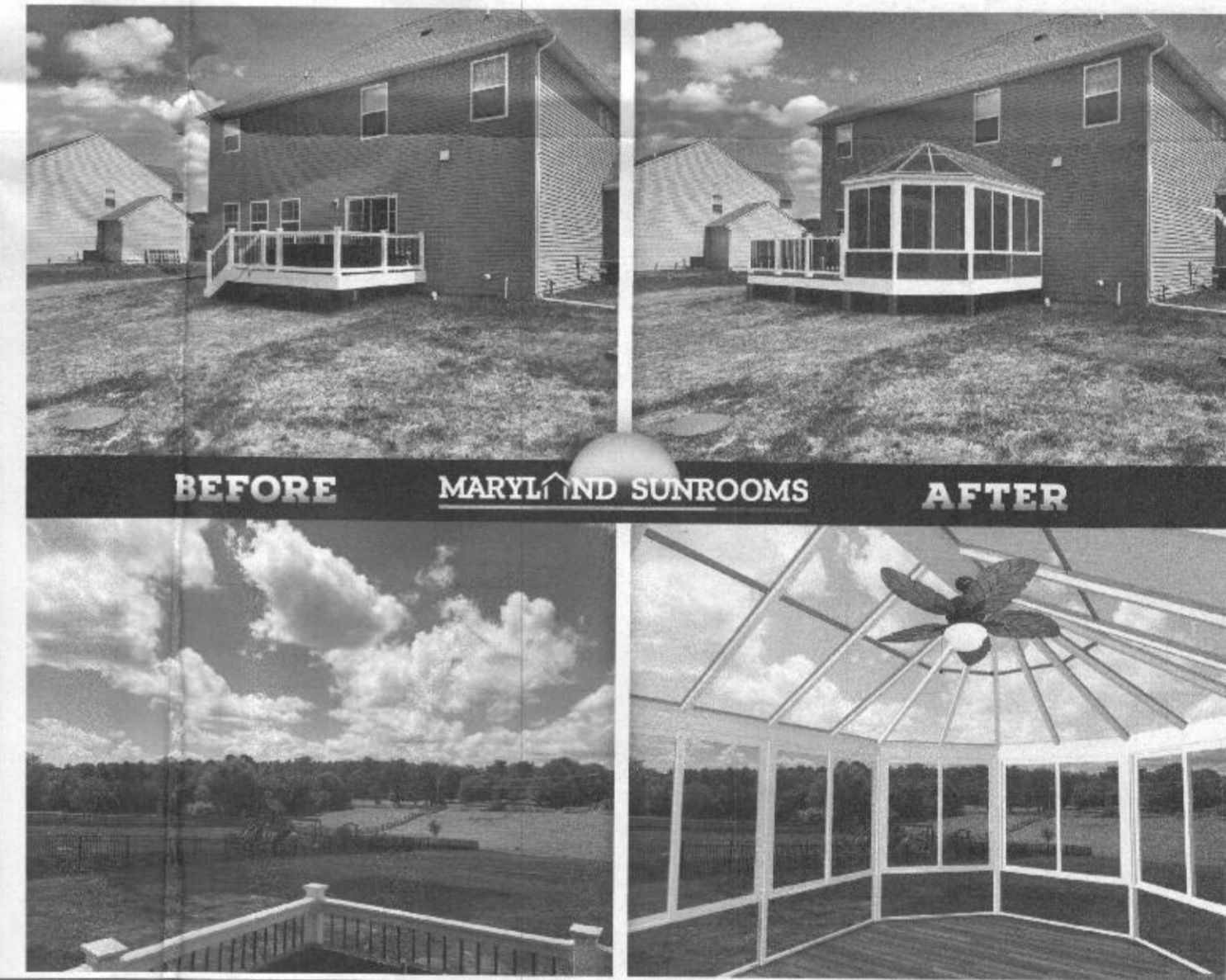
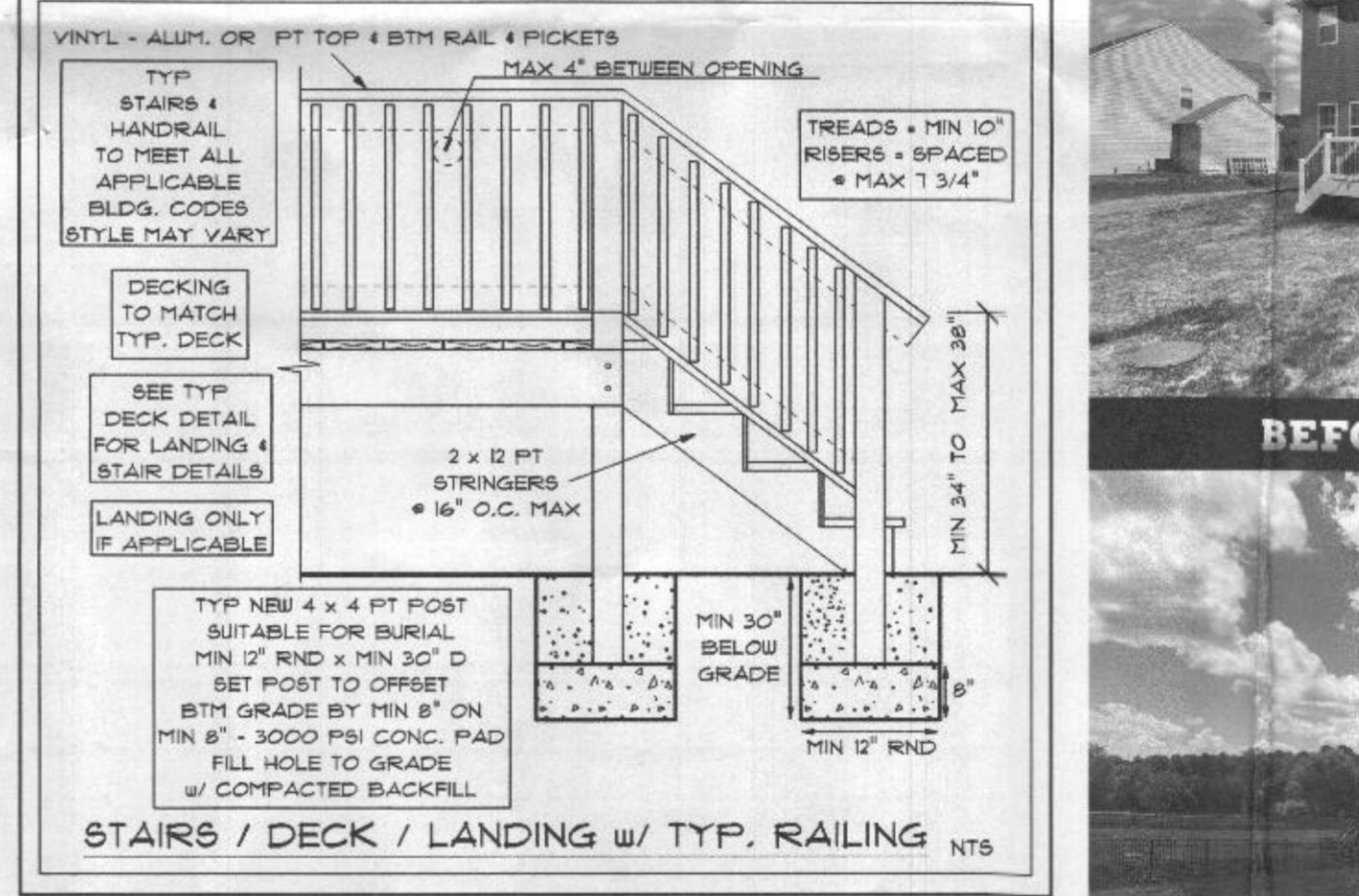
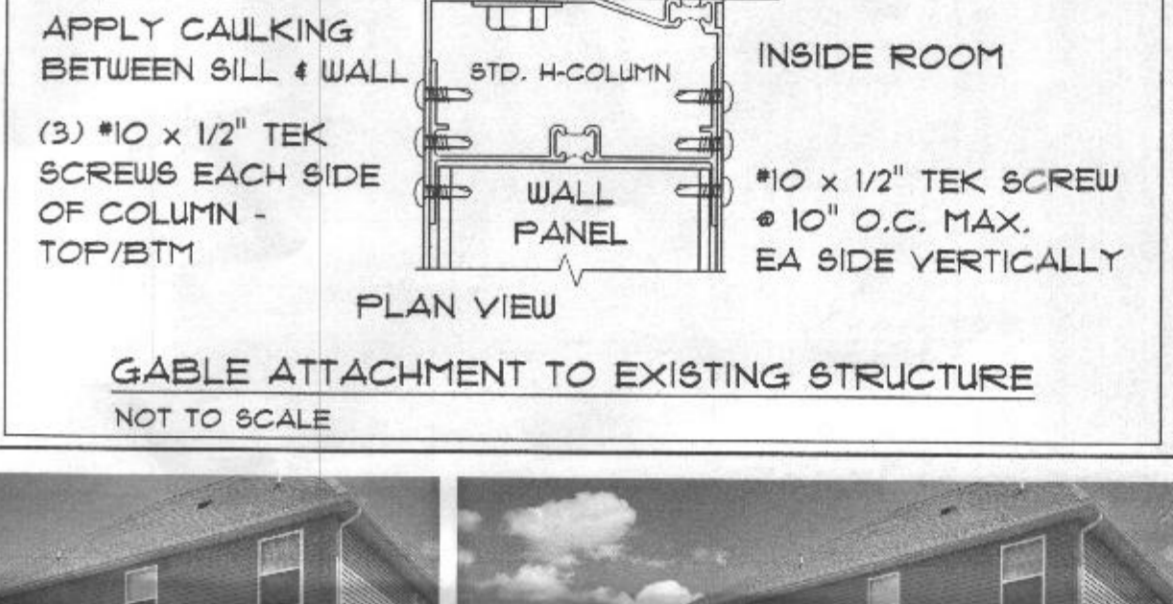
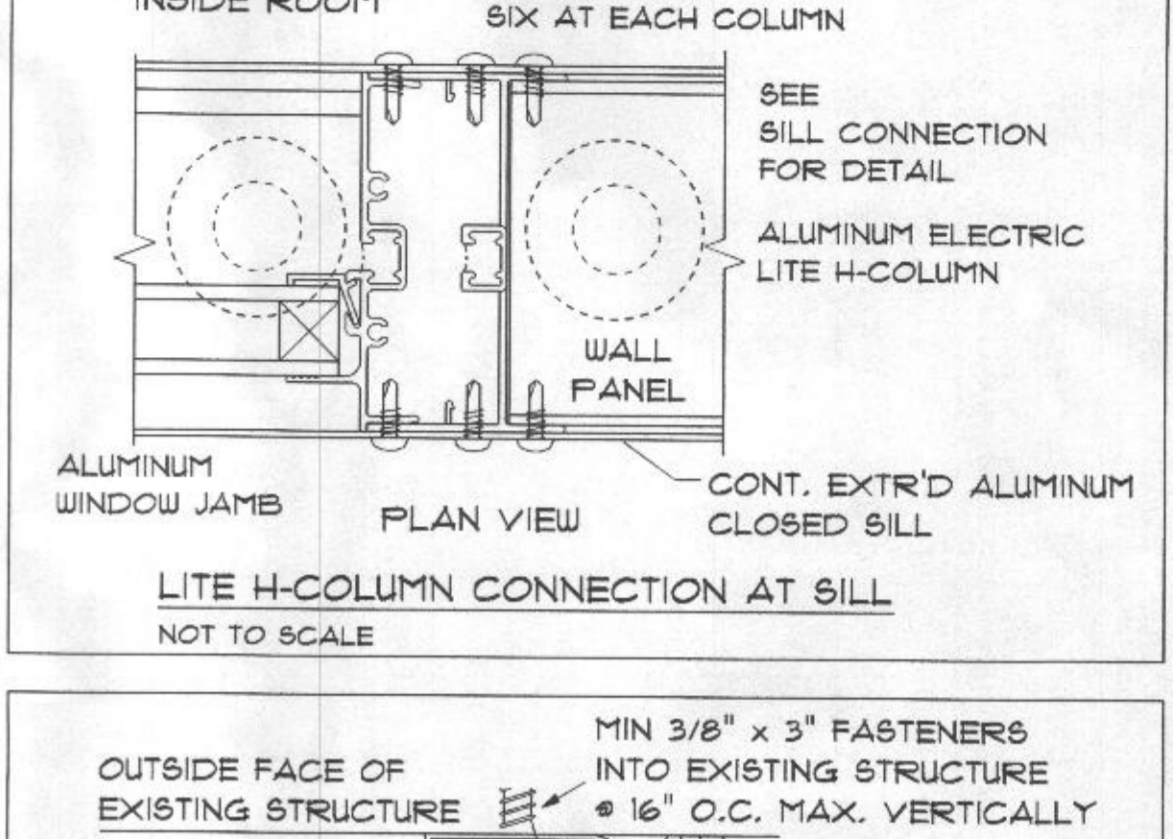
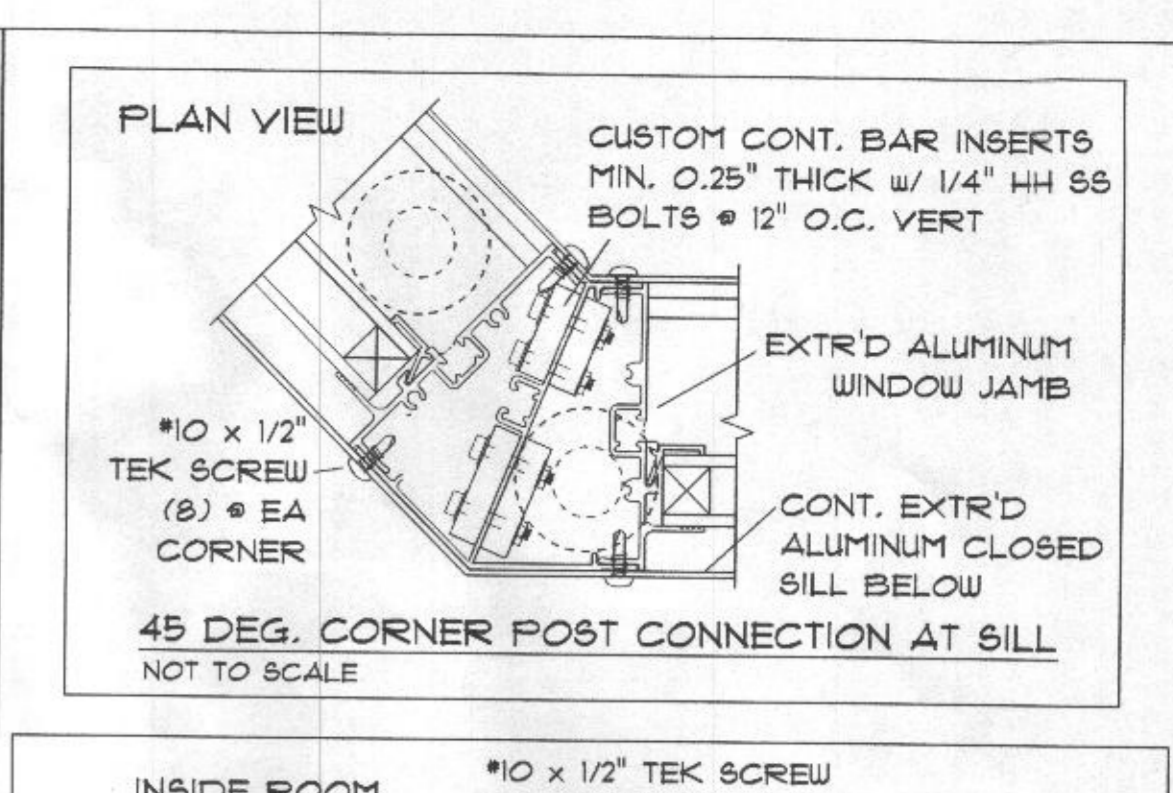
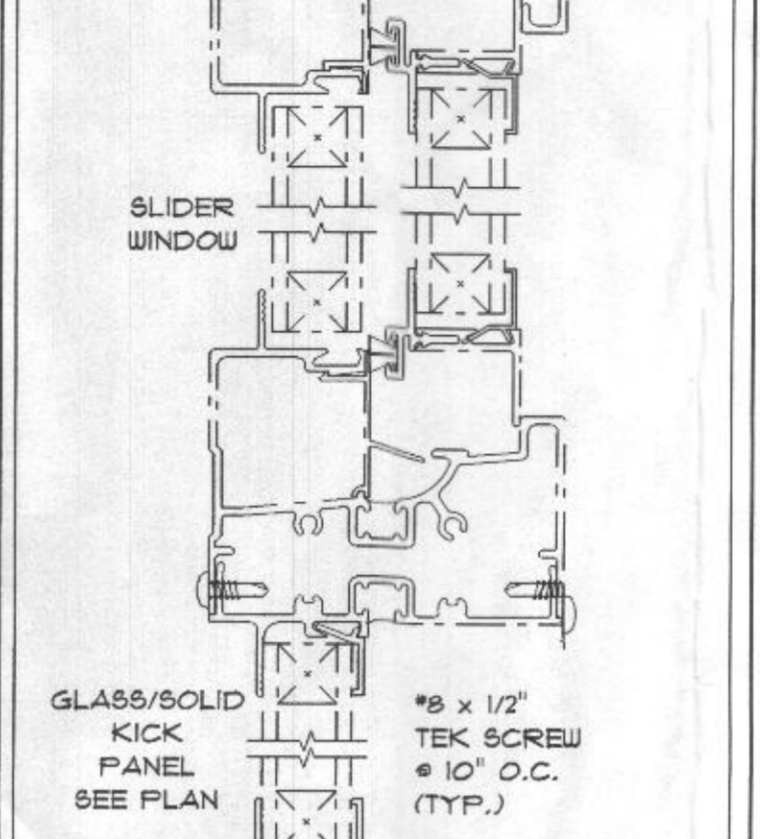
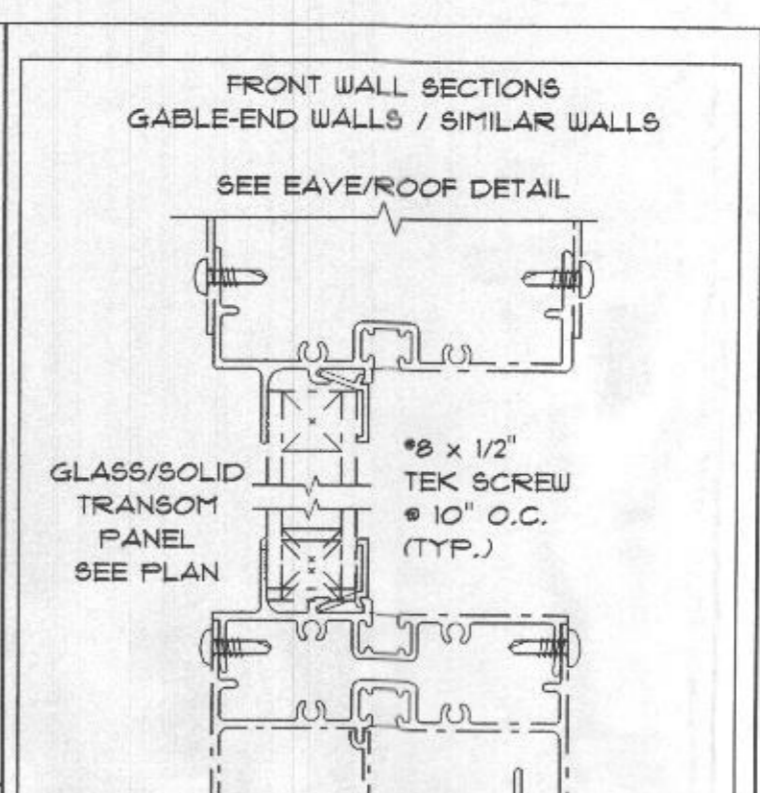
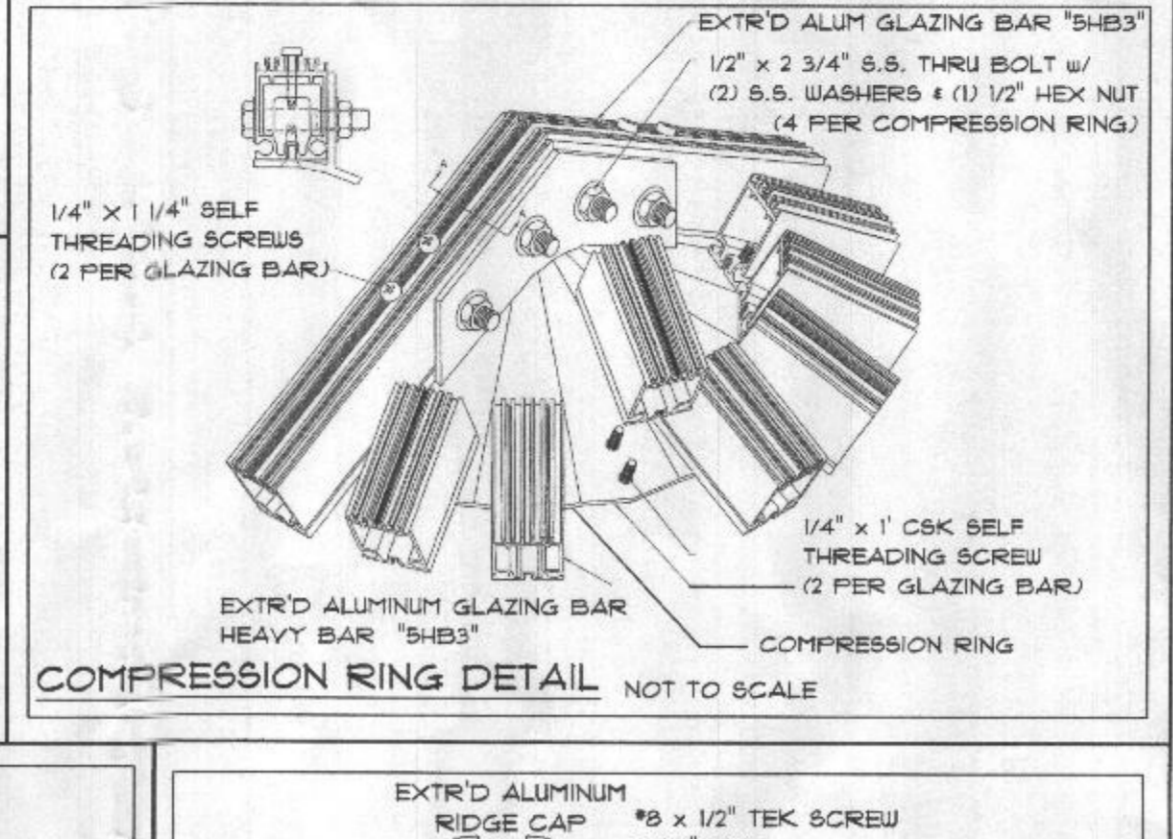
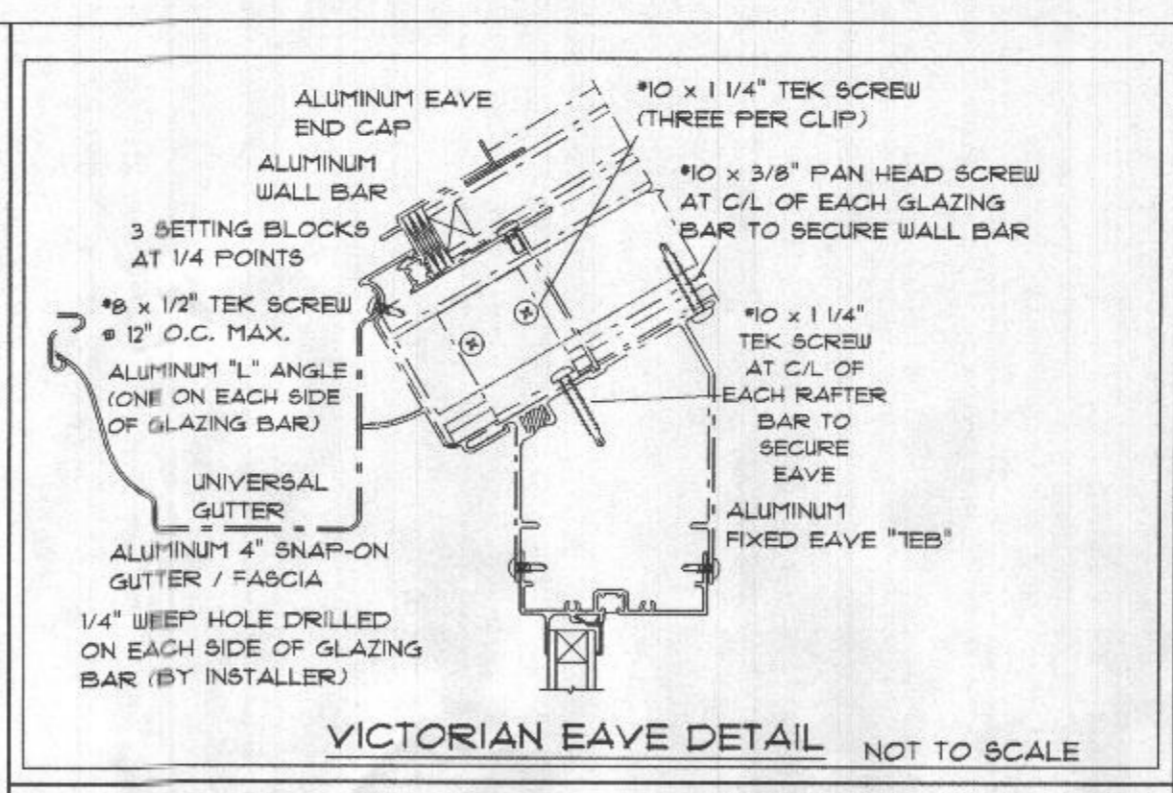
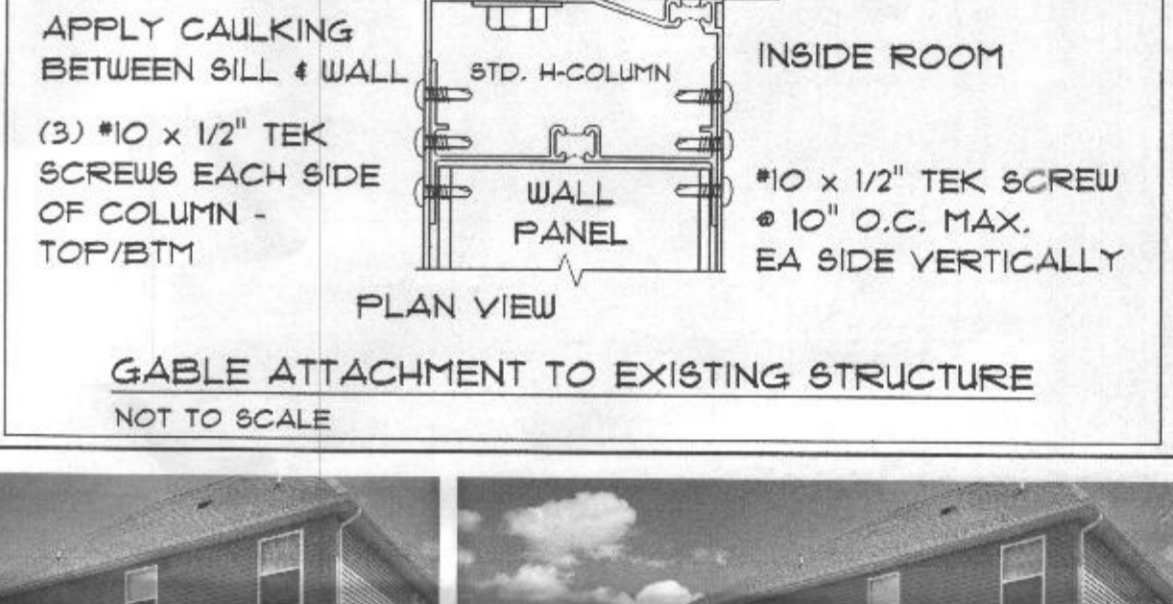
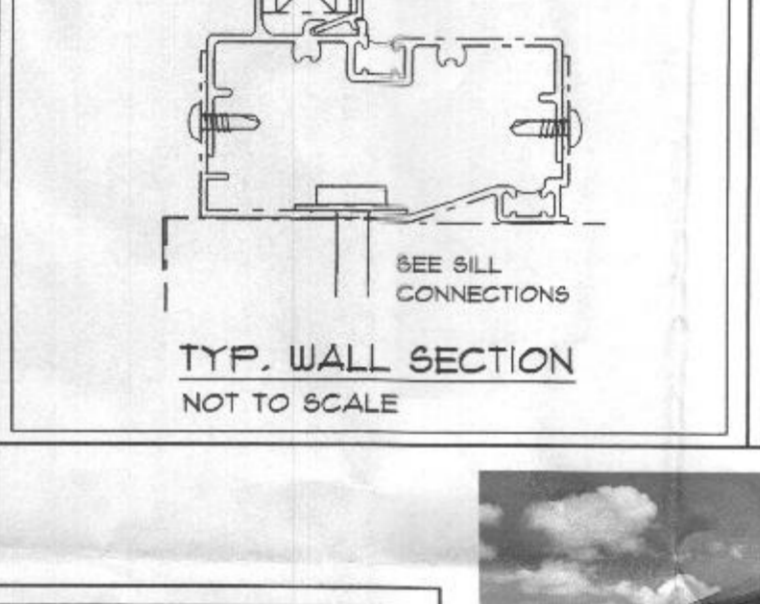
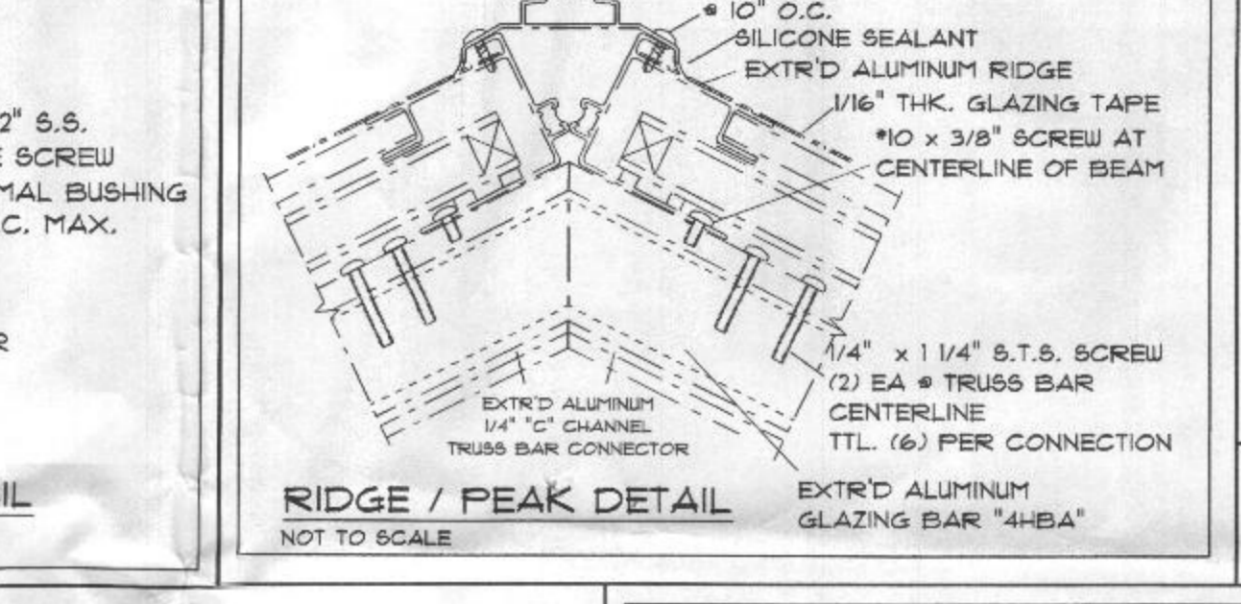
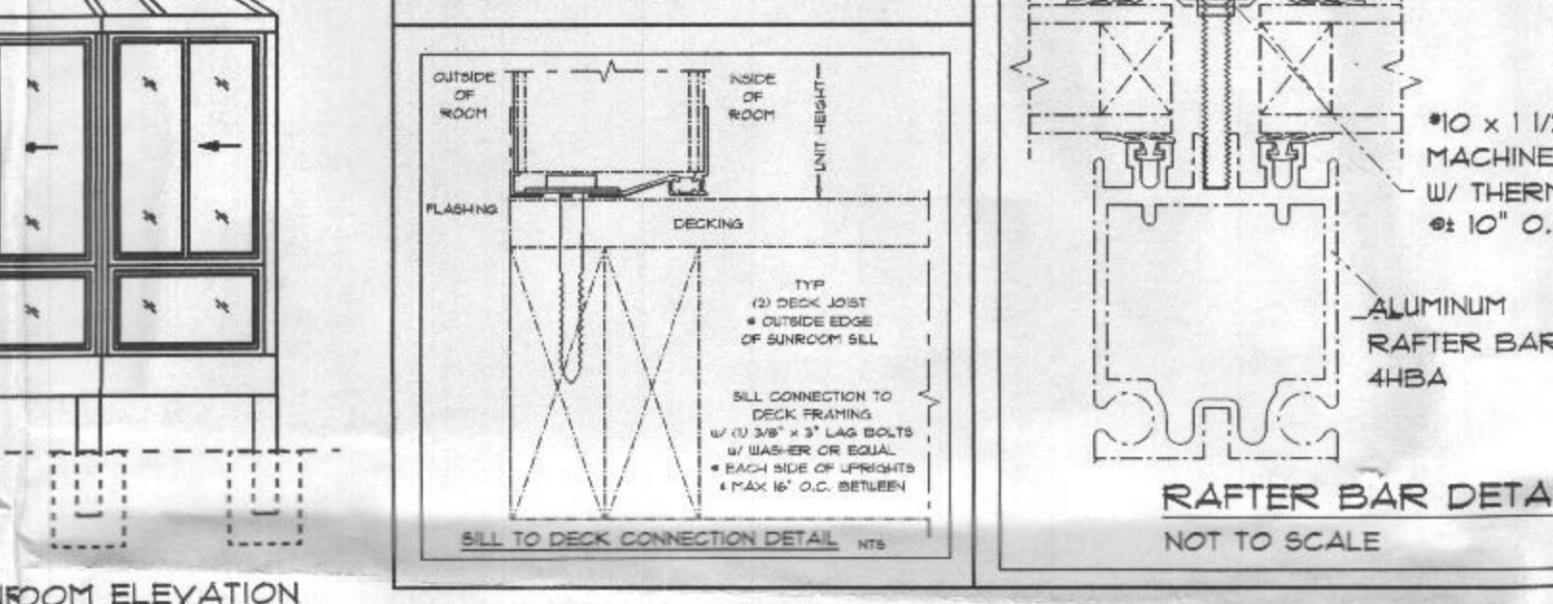
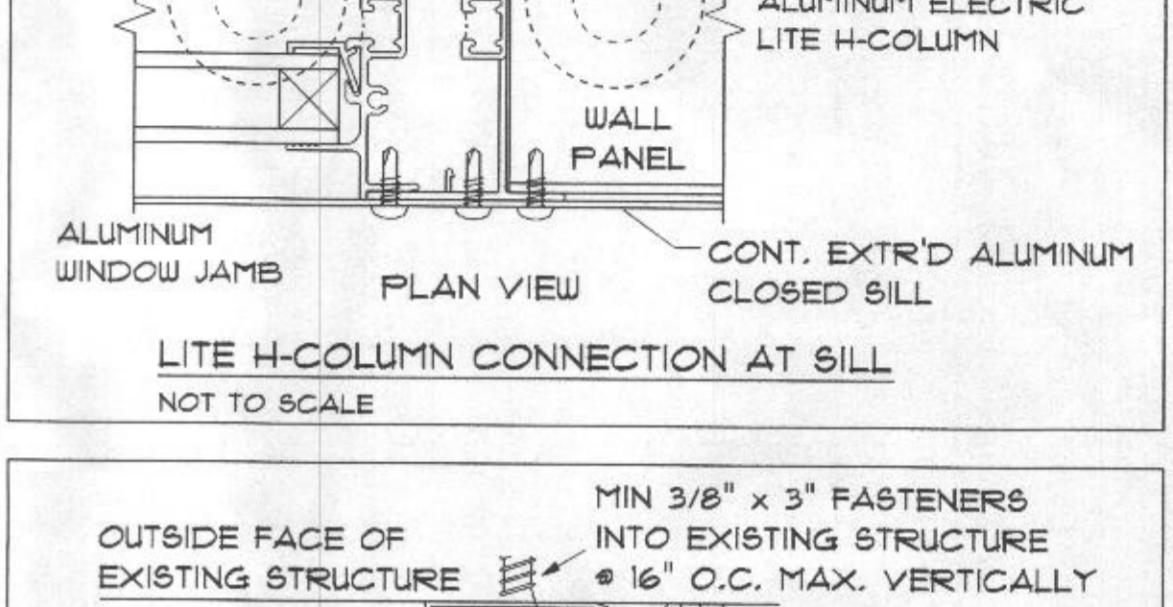
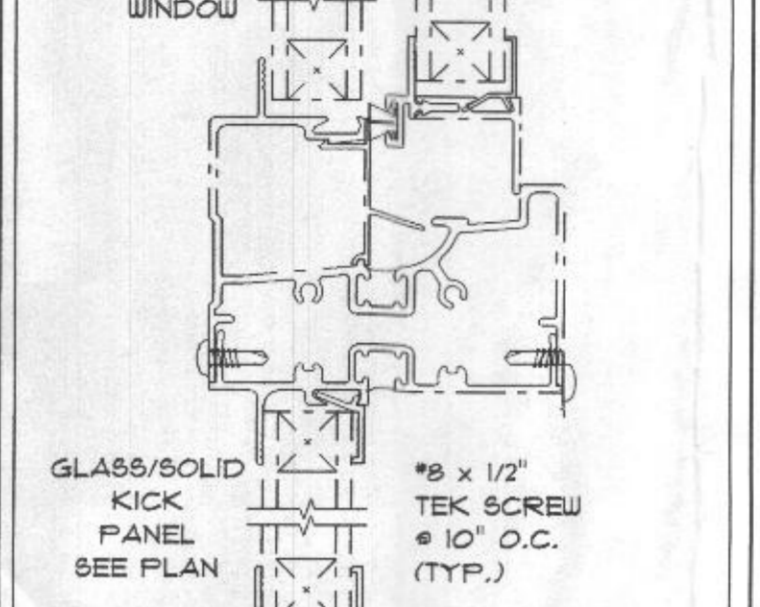
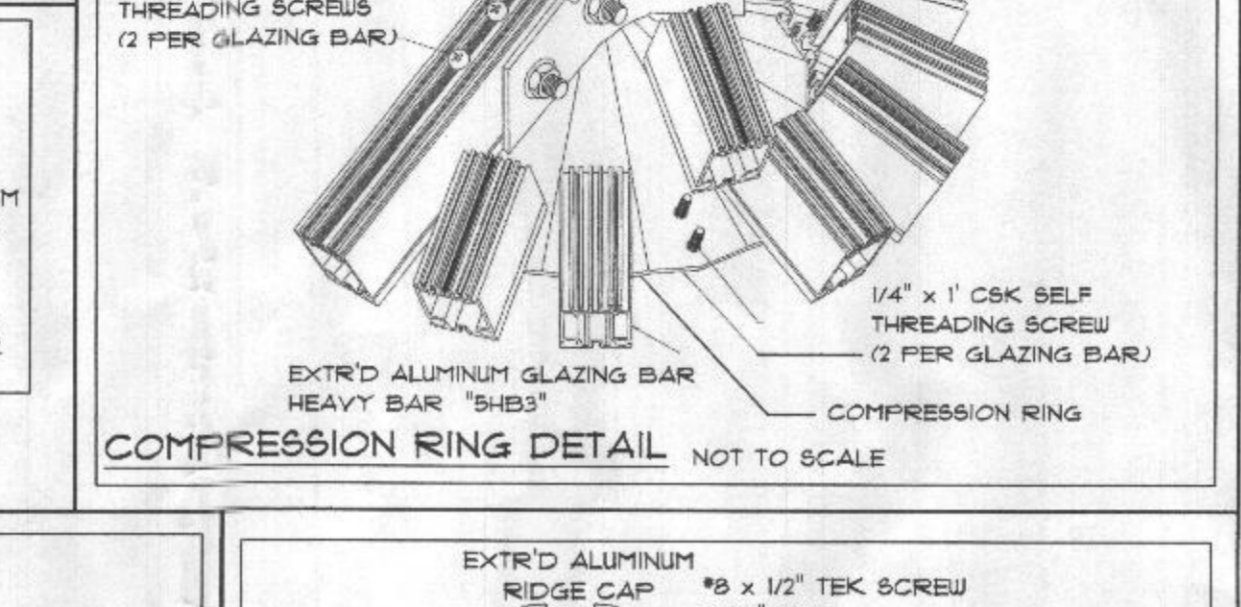
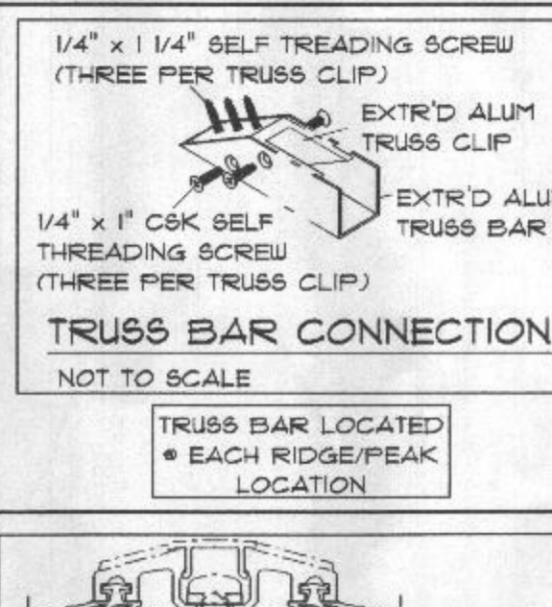
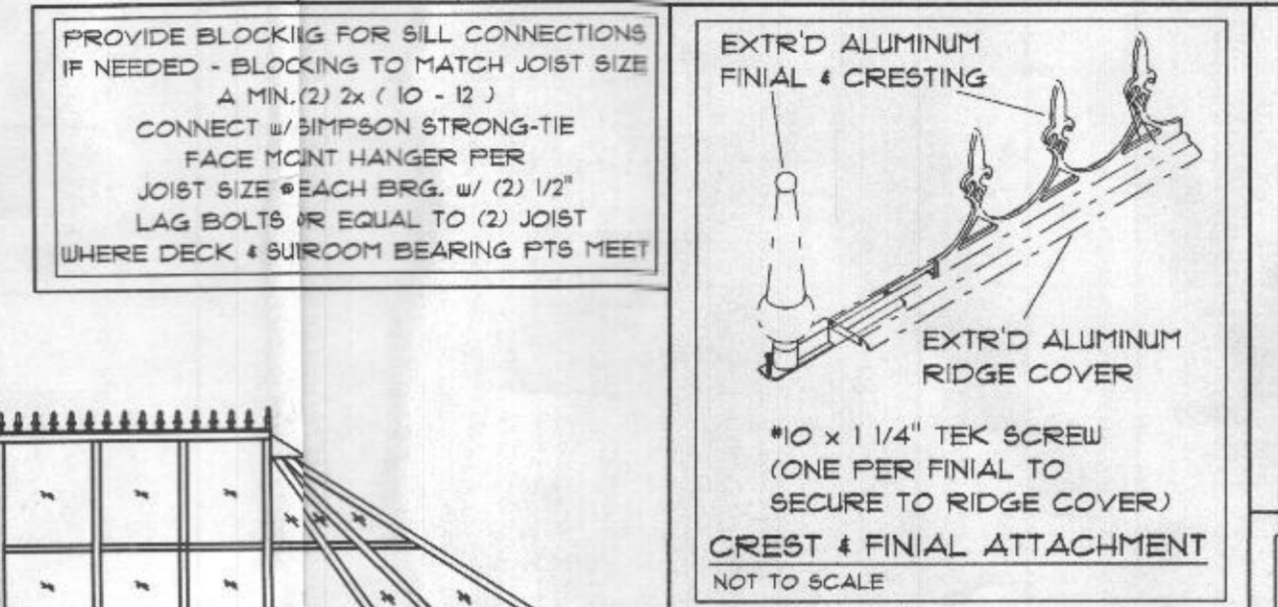
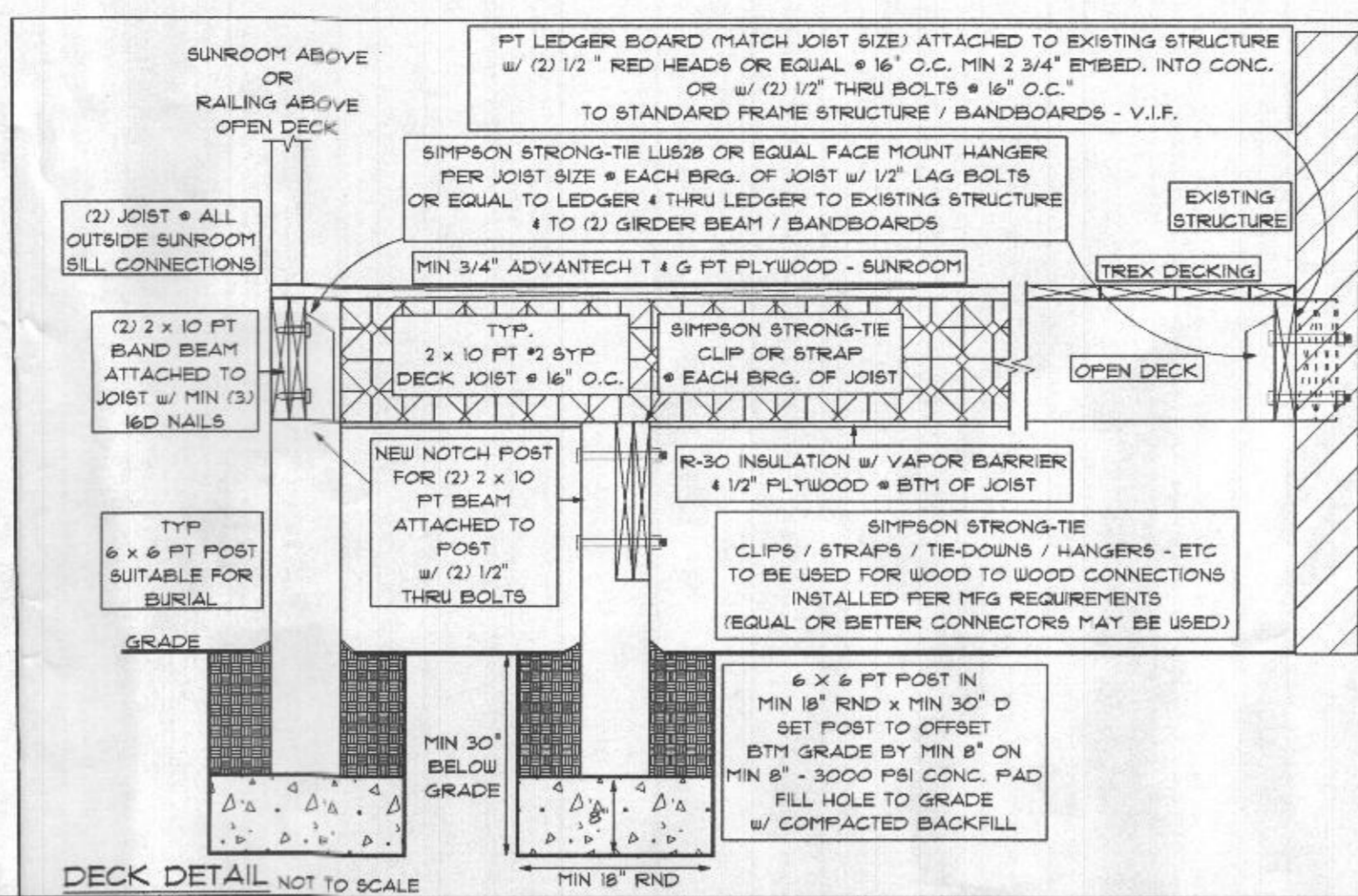
***PLEASE ASSURE ALL DOCUMENTS AND/OR REVISIONS ARE APPROPRIATELY SIGNED AND SEALED, IF NECESSARY, BY A LICENSED ARCHITECT OR ENGINEER. PLEASE BE ADVISED THAT INSUFFICIENT INFORMATION MAY RESULT IN THE DELAY OF REVIEW BY THE PLANS EXAMINER. THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS WILL CONTACT YOU IF THERE IS A PROBLEM. IN ADDITION, ONCE THE BUILDING PERMIT IS APPROVED BY THE PLAN REVIEW DIVISION AND ALL OTHER REQUIRED SIGNATORY AGENCIES, AND THE BUILDING PERMIT IS READY FOR ISSUANCE, THE PERMIT DIVISION WILL NOTIFY THE APPROPRIATE CONTACT PERSON FOR PERMIT PICK UP. ALL PERMIT STATUS INQUIRIES SHALL BE DIRECTED TO THE PERMIT DIVISION AT 410-313-2455 OPTION #4 OR BY VISITING MYHOWARD.INFO. CODE RELATED QUESTIONS AND PLAN REVIEW INQUIRIES SHALL BE DIRECTED TO THE PLAN REVIEW DIVISION AT 410-313-2436. PLEASE ALLOW A MINIMUM OF FIVE (5) WORKING DAYS FOR ANY PLAN SUBMITTALS TO BE REVIEWED. THANK YOU.***

Received by 

cc: Health Dept.

**GENERAL NOTES**

- WOOD:**
  - ALL LUMBER ON OR BELOW GRADE OR IN CONTACT W/ CONCRETE OR MASONRY SHALL BE ACQ PRESURE TREATED (P.T.) SOUTHERN YELLOW PINE #2 GRADE (FB #1000 PSI MIN.)
  - ALL LUMBER ABOVE GRADE (NON-DECKING) SHALL BE SOUTHERN YELLOW PINE #2 GRADE
  - ALL FRAMING LUMBER TO BE 1-1/2" MIN. THICKNESS, EXPOSURE 1 STRUCTURAL GRADING
  - WOOD STRUCTURAL PANELS TO BE 1/2" MIN. THICKNESS, EXPOSURE 1 STRUCTURAL GRADING
  - IN ALL INSTANCES WHERE ALUMINUM COMES INTO CONTACT WITH P.T. WOOD, PROVIDE DIELECTRIC SEPARATION
- DECKING:**
  - ALL EXTERIOR DECKING TO BE ACQ PRESURE TREATED SOUTHERN YELLOW PINE #2 GRADE
  - ALL INTERIOR DECKING TO BE ACQ PRESURE TREATED SOUTHERN YELLOW PINE #2 GRADE OR HEM-FIR #2 GRADE OR EQUAL
  - FLOOR LOAD: 1. P.F.F. DEAD LOAD... 40 PSF LIVE LOAD... DEFLECTION: 1/360
  - FLOOR SHEATHING: MINIMUM OF 1 LAYER OF 3/4" CDX ALONG INTERMEDIATE FRAMING
  - NAILED W/ 8D GALV. NAILS @ 6" O.C. ON EDGES @ 12" O.C. ALONG INTERMEDIATE FRAMING
- CONCRETE:**
  - ALL CONCRETE GRADE BEAMS & FOOTINGS TO BE 3000 PSI MIN. 12" X 24" DIMENSIONS - (U.N.O.)
  - ALL CONCRETE FILLED SUPPORTED SLABS TO BE 3000 PSI MIN. 1/4" MIN. THICKNESS
  - ALL SLABS ON GRADE TO BE 1/4" THICK WITH WELDED WIRE MESH ON #10 POLYETHYLENE OVER TERMITES-TREATED FILL/SOIL
  - ALL 6" X 6" WELDED WIRE MESH W/ #4 @ 12" X 12" DEFORMED BARS... #3 BARS MAY BE GRADE 40
  - ALL REINFORCING TO BE GRADE 60 (60 KSI MIN.) DEFORMED BARS... #3 BARS MAY BE GRADE 40
  - ALL OVERPOUR CONCRETE FILLED SUPPORTED SLABS TO BE 3000 PSI MIN... 2" MIN THICKNESS
  - SOIL BEARING CAPACITY TO BE A MINIMUM OF 2000 PSF PER LINEAR FOOT
  - PROVIDE 4" OF CONT. FOUNDATION DRAIN TILE AROUND PERIMETER OF FOUNDATION AS PER SEC 8405.1
- ALUMINUM:**
  - ALL STRUCTURAL ALUMINUM CONFORMS TO THE MINIMUM REQUIREMENTS OF 6063 - T5 FOR ALLOY AND TEMPER EXCEPT AS NOTED BELOW.
  - ALL STRUCTURAL ALUMINUM WORK CONFORMS TO "PART 1.4 - SPECIFICATIONS FOR ALUMINUM STRUCTURES ALLOWABLE STRESS DESIGN, OR "PART 1.5 - SPECIFICATIONS FOR ALUMINUM STRUCTURES - BUILDING LOAD AND RESISTANCE FACTOR DESIGN" OF THE ALUMINUM ASSOCIATION, INC. 1TH EDITION, EFFECTIVE JANUARY 2000
  - IN ALL INSTANCES WHERE ALUMINUM COMES INTO CONTACT WITH STEEL, OR PRESSURE TREATED LUMBER PROVIDE DIELECTRIC SEPARATION
  - ALL ALUM. MUST NOT BE IN DIRECT CONTACT WITH CONCRETE
  - ALL FLASHING TO BE CORROSION RESISTANT IN ALL AREAS
- GLASS:**
  - GLASS UNITS CONSIST OF TWO PANELS OF 1/2" THICK THERMED GLASS W/ AN ARGON FILL W/ A 3/8" STAINLESS STEEL SPACER BETWEEN PANELS
  - GLASS CONFORMS TO ASTM E1360
  - ALL CLEAR ARGON ROOF GLASS HAS THE FOLLOWING MIN. PROPERTIES: ASHRAE WINTER U VALUE = .28 ASHRAE WINTER R VALUE = 4.0 PER FOUR SEASONS SUNROOM GLASS SPECIFICATIONS
  - ROOF 4 SOLID WALL PANELS:
    - ALUMINUM PANEL 8KN IS ALLOY 3105 - H14/H28 AND IS 0.024" THICK MIN.
    - PANEL CORE IS 18 PLYWOOD OR POLYURETHANE BOARD (EPB) W/ A NOMINAL DENSITY OF 1.8 LBS. PER CUBIC FT. U.N.O.
    - THE PANELS MEET THE CONDITIONS OF ACCEPTANCE - COMPLYING W/ UL178
- GASKETS:** 1. ALL GASKETS ARE CO-EXTRUDED AND ARE NON-MIGRATORY.
- SEALANT:** 1. ALL SEALANT CONFORMS TO TS-001843-A, TS-002306, ASTM C-920 TYPE 5, GRADE NS, CLASS 25.
- FASTENERS:**
  - ALL LAG BOLTS OR EQUAL SHALL CONFORM TO STAINLESS STEEL TYPE 300 18 - 8, W/ STANDARD FLAT WASHER UNLESS MANUFACTURER GALVANIZED BOLTS SPECIFICS FOR USE W/ ACQ PRESURE TREATED WOOD
  - HEX BOLTS TO BE ASTM A325 PLATED WITH STANDARD FLAT WASHERS & NUTS
  - ALL CONG. SCREWS TO BE 1/4" X 1 1/2" MIN. SIMPSON, HLT, RAIL, TAPCON, REDHEAD, DYNABOLT, OR APPROVED EQUAL
  - ALL METAL TIES & ASSOCIATED ACCESSORIES SHALL BE HOT DIPPED GALV.
  - ALL LAG BOLTS OR EQUAL TO HAVE A MINIMUM EMBEDMENT OF 8X BOLT DIAMETER INTO STRUCTURAL FRAMING (G + 42 MIN.)
  - LAG BOLTS OR EQUAL & SCREWS INTO WOOD FRAMING SHALL BE PROVIDED WITH PILOT HOLES HAVING A DIAMETER NOT GREATER THAN 10 PERCENT OF THE THREAD DIA. OF THE BOLT OR SCREW. ALL LAG BOLTS OR EQUAL & SCREWS TO BE INSERTED IN PILOT HOLES BY TURNING UNDER NO CIRCUMSTANCES BY DRIVING WITH A HAMMER.
  - ALL EXPANSION ANCHORS SHALL BE DESIGNED IN ACCORDANCE WITH THE SPECIFIC MANUFACTURERS REQUIREMENTS AND ALLOWABLE LOADS AND SHALL ONLY BE APPLIED IN CONDITIONS ACCEPTABLE TO MANUFACTURER
  - ALL FASTENERS CONNECTING ALUMINUM COMPONENTS OR PRESSURE TREATED LUMBER ARE STAINLESS STEEL TYPE 300 18 - 8 UNLESS MANUFACTURER GALVANIZED BOLTS SPECIFICS FOR USE WITH ACQ PRESURE TREATED WOOD, OR OTHERWISE NOTED ON PLANS
  - ALL FASTENERS SHALL COMPLY WITH ASTM A563
  - ALL CONNECTORS SHALL COMPLY WITH ASTM A653 CLASS G - 18
- SITE PREPARATION:**
  - FOUNDATION SYSTEMS MUST BE PLACED ON CLEAN, COMPACTED, TERMITES-TREATED FILL/SOIL WITH VAPOR BARRIER.
  - EXISTING FOUNDATION, FOOTING AND SLAB IF NOTED ON THE FLOOR PLAN HAVE BEEN EVALUATED & FOUND ACCEPTABLE FOR THIS APPLICATION
  - EXISTING FOUNDATION, FOOTING & SLAB TO BE DRILLED (12" O.C.) & TRENCH W/O UNDERCUTTING FOOTING TO PROVIDE TERMITES-TREATMENT AS REQUIRED. EPOXY ALL OPENINGS
- REFERENCE STANDARDS:** ASTM E 119... ASTM E 900... ASCE 7...
- DESIGN LOADS:** THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH A MEETS THE REQUIREMENTS OF THE INTERNATIONAL BUILDING / RESIDENTIAL CODE 2018 & ASCE 7-16.
- DESIGN CATEGORY II - UNDER THE 2018 IRC SECTION R301.2.1.1**
- DESIGN CRITERIA:** BASIC WIND SPEED: 115 U.L.T. EXPOSURE: B IMPORTANCE FACTOR: 1.0 ENCLOSURE TYPE: ENCLOSED (WORST CASE)... INTERNAL PRESSURE COEFFICIENT: +/-0.18 (WORST CASE) DEAD LOAD (ADDITION): 5 PSF... VELOCITY PRESSURE: 0.1 PSF GUST EFFECT FACTOR: 0.85... DIRECTIONALITY FACTOR: 0.85 DESIGN WIND PRESSURES: (WALL) 21.01 PSF ROOF: 18.93 PSF DESIGN ROOF LOAD: 40 PSF MIN... FLOOR LIVE LOAD: 40 PSF MIN. EXPOSURE FACTOR: 1.0... THERMAL FACTOR: 1.2... SLOPE FACTOR: 1.0 (WORST CASE) STANDARD REDUCTION: 0.1... DRIFT LOAD: 35 PSF TRIANGULAR LOAD OVER 8'-0" PROJECTION
- ABBREVIATIONS:** THE FOLLOWING LIST OF ABBREVIATIONS IS NOT INTENDED TO REPRESENT ALL THOSE USED ON THESE DRAWINGS, BUT TO SUPPLEMENT THE MORE COMMON ABBREVIATIONS USED. TYP. - TYPICAL SIM. - SIMILAR UNO. - UNLESS NOTED OTHERWISE CONT. - CONTINUOUS V.I.F. - VERIFIED IN FIELD PT. - PRESSURE TREATED
- RESPONSIBILITY:**
  - ALL SITE WORK SHALL BE PERFORMED BY A LICENSED CONTRACTOR IN ACCORDANCE WITH APPLICABLE BUILDING CODES, LOCAL ORDINANCES, ETC.
  - CONTRACTOR TO VERIFY ALL DIMENSIONS AND DETAILS, NOTIFYING ENGINEER OF ANY DISCREPANCIES BETWEEN DRAWINGS, FABRICATED ITEMS, OR ACTUAL FIELD CONDITIONS
  - THESE DRAWINGS REPRESENT THE ACCEPTABILITY OF THE SUNROOM/SCREENROOM ADDITION ELEMENTS AS PROVIDED BY THE CONTRACTOR
  - ALL DETAILS ON THESE DRAWINGS ARE ENGINEERED BASED ON INFORMATION PROVIDED BY THE CONTRACTOR
  - REFER TO THE MANUFACTURERS SHOP DRAWINGS FOR FURTHER DETAILS
  - ANY & ALL ELECTRICAL WORK / PLACEMENT TO BE DONE PER THE 2017 NEC BY A LICENSED ELECTRICAL CONTRACTOR OR ENGINEER AFTER OBTAINING AN ELECTRICAL PERMIT.
  - ANY DETAILS NOT SHOWN ARE TO BE ENGINEERED IN ACCORDANCE WITH STANDARD ENGINEERING PRACTICES



**FOUR SEASONS SUNROOMS INC**  
**SERIES 230 VICTORIAN SUN & STAIRS SUNROOM SYSTEM**  
**w/ CONDITIONED SPACE ON AN EXISTING & NEW DECK**

**PROFESSIONAL CERTIFICATION**  
**I CERTIFY THAT THESE DOCUMENTS**  
**WERE PREPARED OR APPROVED BY ME**  
**AND THAT I AM A DULY LICENSED ENGINEER**  
**UNDER THE LAWS OF THE STATE OF MARYLAND.**  
**LICENSE #: 25606 - EXPIRATION: OCT 24, 2024**



**DAMRON**  
 Engineering & Consulting  
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 Winchester, VA 22601  
 Phone: 540.532.8785  
 info@dameronc.com

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 18434 HIDDEN CREEK WAY  
 MT. AIRY, MD 21111

**MARYLAND SUNROOMS**  
 FOUR SEASONS SUNROOMS  
 MTEC #48177 - PH (301)-804-2290

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 REVISION DATE: 2-6-23  
 JOB # 2218M6R  
 DATE: 12/16/22  
 SHEET  
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