

SKY WEB IITM

Fall Protection
Insulation Support System

INSTRUCTIONS

ENCLOSED

Instructions

SKY-WEB II™ DRAWING INDEX

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Sky-Web II SYSTEM

WARNING

Workers must use additional fall protection while installing the SKY-WEB II SYSTEM.

BLANKET INSULATION



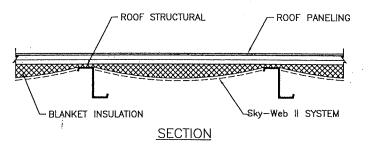
WARNING

The SKY—WEB II SYSTEM must be installed exactly as shown on erection drawings Improper installation could result in serious injury or death.



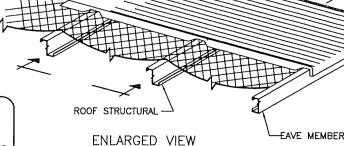
WARNING

The SKY-WEB II SYSTEM does not provide fall protection from heights greater than the plane of the roof.



WARNING

After installation the SKY-WEB II SYSTEM protects only the leading edge of the roof surface. Fall protection must be used at the remaining perimeter of the roof.



IMPORTANT SAFETY INFORMATION:

ROOF PANELING

1. SAFETY MUST BE A PRIME CONCERN THROUGHOUT THE ENTIRE SAFETY MUST BE A PRIME CONCERN IRROUGHOUT THE ENTIRE
BUILDING ERECTION PROCESS. ALL LOCAL, STATE AND OSHA
SAFETY REGULATIONS MUST BE FOLLOWED AT ALL TIMES. THE
ERECTION CONTRACTOR HAS THE ULTIMATE RESPONSIBILITY
FOR THE SAFETY OF WORKERS AND MUST COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS.

THE OCCUPATIONAL SAFETY AND HEALTH ACT REGULATIONS
APPLICABLE TO THE ERECTION OF THIS OR ANY OTHER BUILDING
ARE IDENTIFIED AS PART 1926, SAFETY AND HEALTH
REGULATIONS FOR CONSTRUCTION AND ARE AVAILABLE FROM
ANY GOVERNMENT BOOK STORE. THESE OSHA REGULATIONS
SHOULD BE RECOGNIZED AS A JOB SITE REQUIREMENT AND BE
FULLY COMPLIED WITH. FAILURE TO DO SO MAY RESULT IN
WORKER DEATH OR INJURY AS WELL AS SUBSTANTIAL FINES
IN THE EVENT OF AN OSHA INSPECTION.

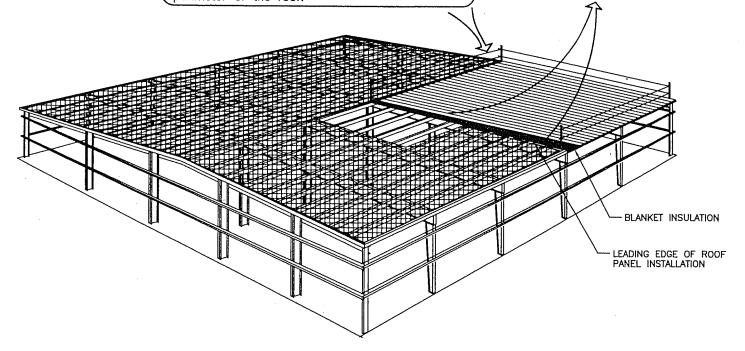
- 2. FALL PROTECTION IS REQUIRED WHEN INSTALLING THE SKY-WEB II SYSTEM. THERE ARE MANY FALL PROTECTION DEVICES AVAILABLE. THE ERECTION CONTRACTOR IS RESPONSIBLE FOR MAKING SURE THE APPROPRIATE DEVICE IS USED IN ACCORDANCE WITH ALL LOCAL, STATE AND OSHA REGULATIONS.
- 3. THE SKY-WEB I SYSTEM IS INTENDED TO PROVIDE FALL PROTECTION ONLY AT THE LEADING EDGE OF THE ROOF SURFACE. DO NOT USE THE SKY-WEB I SYSTEM FOR ANY OTHER PURPOSE.
- 4. THE SKY-WEB II SYSTEM MUST BE INSTALLED IN ACCORDANCE WITH THE INSTALLATION INSTRUCTIONS. IF THIS IS NOT POSSIBLE THE SKY—WEB II SUPPLIER MUST BE CONTACTED FOR INSTRUCTIONS BEFORE ANY FURTHER INSTALLATION IS ATTEMPTED.
- 5. IF THE SKY-WEB II MESH IS DAMAGED. CONTACT THE SUPPLIER.

 DAMAGED MESH SHALL NOT BE CONSIDERED AS FALL PROCTECTION.

 OTHER FALL PROTCTION DEVICES MUST BE USED.
- 6. THE SKY-WEB I SYSTEM IS NOT DESIGNED TO MEET THE CRITERIA FOR A "SAFETY NET" AS SPECIFIED BY OSHA (29 CFR 1926) AND SHOULD NEVER BE USED AS SUCH.
- 7. QUALITY ASSURANCE TESTING, WITNESSED BY AN INDEPENDENT CONSULTING FIRM, PROVIDED VERIFICATION OF THE SKY-WEB I SYSTEM CAPABILITIES.
- 8. SMALL HAND TOOLS AND FASTENERS MAY FALL THROUGH THE SKY—WEB II MESH. WORKERS MUST NOT BE ALLOWED TO WORK UNDERNEATH WHILE THE ROOF PANELS ARE BEING INSTALLED.
- 9. WHEN A WORKER FALLS INTO THE SKY—WEB II MESH, THE MESH WILL PULL IN TOWARD HIM AND WILL STRETCH ELASTICALLY.
 WORKERS SHOULD BE AWARE THAT IF THEY FALL INTO THE MESH THEY MAY STRIKE FRAMING OR OBSTRUCTIONS LOCATED WITHIN A DISTANCE OF 4 FEET BELOW THE WORK LEVEL.

SKY-WEB II

- 10.RECOMMENDED RESCUE PROCEDURE: IF A FALLEN WORKER IS NOT INJURED HE MAY WALK OUT OF THE MESH BACK TO THE INSTALLED ROOF PANELS. IF A FALLEN WORKER NEEDS ASSISTANCE, THE RESCURERS MUST BE PROPERLY TIED OFF WITH SAFTY LINES AND REACH THE FALLEN WORKER BY WALKING ON THE ROOF FRAMING. THE FALLEN WORKER SHOULD BE WITHIN EASY REACH OF THE RESCURERS. RESCURERS MUST NOT GET INTO THE MESH WITH THE FALLEN WORKER.
- 11.THE SKY—WEB II MESH HAS A FLAME SPREAD INDEX OF LESS THAN 3 AND A SMOKE DEVELOPED INDEX OF LESS THAN 10 AS TESTED ACCORDING



TYPICAL BUILDING PLAN

ALL BUILDING MATERIALS, PRIMARY AND SECONDARY STRUCTURALS AND ALL BRACING (WIND, FLANGE AND PURLIN) MUST BE ASSEMBLED AND THE STRUCTURE PLUMB AND SQUARE BEFORE INSTALLATION OF THE SKY-WEB II SYSTEM. THE EAVE STRUT OR EAVE MEMBERS MAY NEED TO BE SUPPORTED TO ELIMINATE DEFLECTION.



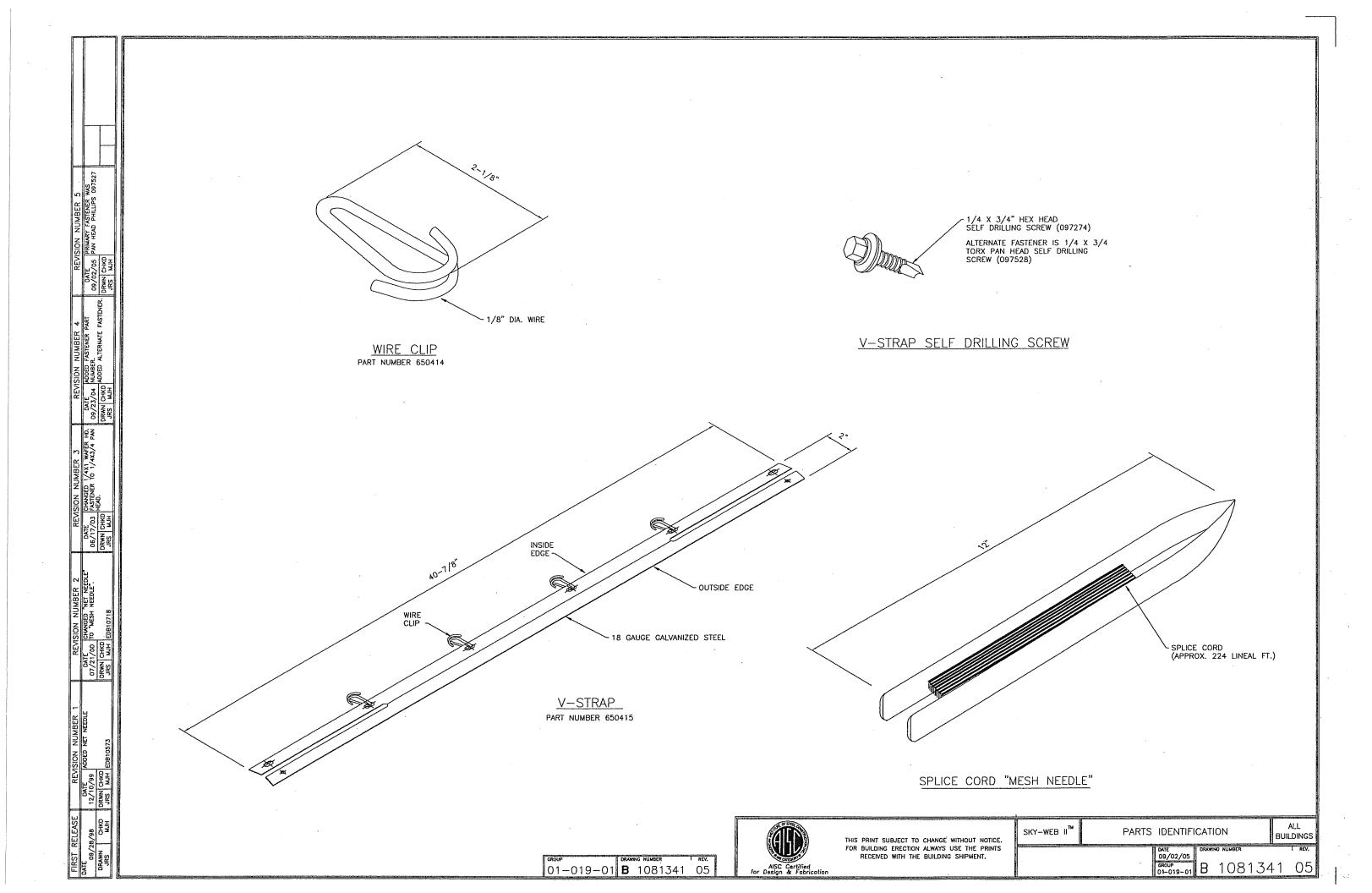
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GENERAL INFORMATION

B 1081340 02

BUILDINGS

01-019-01 **B** 1081340 02





CAUTION

Care must be used when pulling the SKY-WEB II SYSTEM over structurals to avoid snags, tears, or other damage.



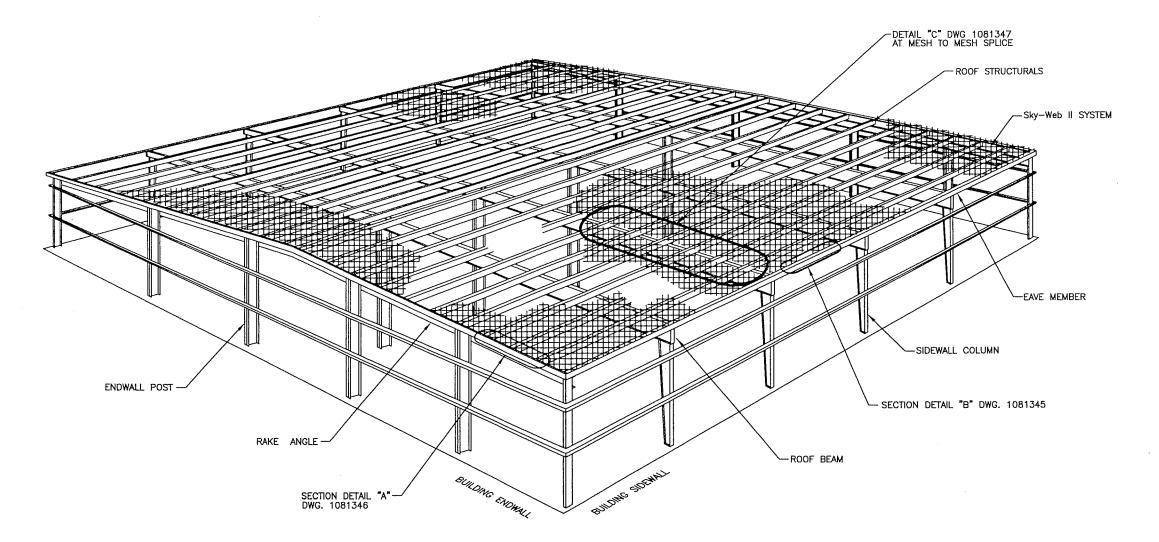
WARNING

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WARNING

The SKY-WEB II SYSTEM does not provide fall protection from heights greater than the plane of the roof.



- 1. ONE PIECE OF THE SKY-WEB IITM MESH MAY COVER ONE BAY OR TWO BAYS OF THE BUILDING LENGTH AND WILL EXTEND EAVE-TO-EAVE
- 2. MESH TO MESH SPLICES WILL BE LOCATED OVER PRIMARY FRAMES. THERE IS NO OVERLAP OF THE MESH AT THE SPLICE.
- 3. MESH FOR END BAYS IS DIFFERENT THAN MESH FOR INTERIOR BAYS. THE OUTSIDE EDGE OF THE END BAY MESH HAS TWO TWINES WITH ORANGE MARKER THREADS FOR IDENTIFICATION. THIS EDGE MUST BE LOCATED AT THE ENDWALL.
- 4. THE SPACING OF THE WIRE CLIPS IS DESIGNED TO COORDINATE WITH THE SIZE OF THE MESH GRIDS. THEREFORE THE ATTACHMENT OF THE MESH TO THE WIRE CLIPS SHOULD BE EVEN AND UNIFORM AT THE SIDEWALL AND AT THE ENDWALL. A LINE OF KNOTS SHOULD RUN PARALLEL ALONG THE EAVE MEMBER.
- 5. IT IS RECOMMENDED THAT THE SKY-WEB II SYSTEM BE INSTALLED OVER THE ENTIRE BUILDING BEFORE INSTALLING INSULATION AND ROOF PANELS. IF NECESSARY IT IS ACCEPTABLE TO INSTALL THE MESH OVER PART OF THE BUILDING IF THE FOLLOWING PROCEDURES ARE FOLLOWED.

 - VER PART OF THE BUILDING IF THE FOLLOWING PROCEDURES ARE FOLLOWED.

 A. AT LEAST TWO FULL BAYS OF THE SKY—WEB II SYSTEM MUST BE COMPLETELY INSTALLED AHEAD OF THE ROOFING INSTALLATION AT ALL TIMES.

 B. IN SOME CASES, IT MAY ONLY BE POSSIBLE TO INSTALL THE MESH ON ONLY ONE SLOPE OF A DOUBLE SLOPE BUILDING. IN THIS CASE, THE MESH MAY BE INSTALLED ON THE ONE SLOPE IF THE MESH IS ALSO INSTALLED DOWN THE OTHER SLOPE A CERTAIN DISTANCE THIS DISTANCE MUST BE EQUAL TO THE WIDTH OF THE MESH. FOR EXAMPLE, IF THE MESH IS 30' WIDE, THEN THE MESH MUST BE INSTALLED FROM EAVE TO RIDGE ON ONE SLOPE AND 30 FEET PAST THE RIDGE ON THE OTHER SLOPE.
 - 6. WHEN THE MESH IS STRUNG OUT IN A BUNDLE ACROSS THE BUILDING WIDTH IT WILL APPEAR LONGER THAN NECESSARY. WHEN THE MESH IS STRETCHED OUT ACROSS THE BAY THE APPARENT EXTRA LENGTH WILL DISAPPEAR. DO NOT CUT THE LENGTH OF THE MESH UNTIL IT IS COMPLETELY INSTALLED.



WARNING

Workers must use additional fall protection while installing the SKY-WEB II SYSTEM.



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SKY-WEB II™ INSTALLATION ON BLDG. STRUCT.

BUILDINGS

01-019-01 **B** 1081342 00



WARNING

The SKY-WEB II™ SYSTEM must be installed exactly as shown on erection drawings. Improper installation could result in serious injury or death.

KEEP THE MESH COVERED AND PROTECTED FROM SUN AND WEATHER UNTIL TIME TO INSTALL IT. EXPOSURE TO CYCLES OF RAIN AND SUN MAY CAUSE THE KNOTS TO DRAW UP TIGHTER. THIS MAY MAKE THE OVERALL SIZE OF THE MESH SHRINK MAKING THE MESH HARDER TO

THE MESH MAY BE INSTALLED ALONG THE BUILDING RIGHT-TO-LEFT OR LEFT-TO-RIGHT. EITHER FACE OF THE MESH CAN BE INSTALLED FACING UP. THE EDGES OF THE MESH FOR INTERIOR BAYS ARE THE

SAME AND MAY BE PLACED ON EITHER SIDE OF THE BAY. THE EDGES



WARNING

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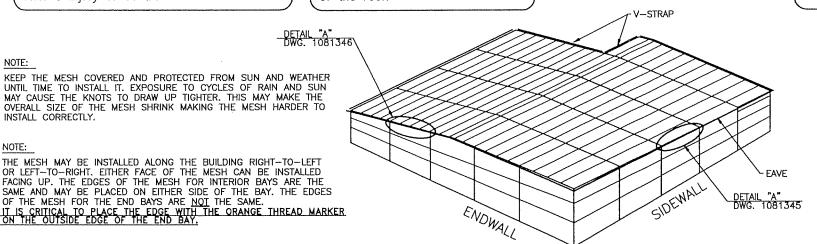
WARNING

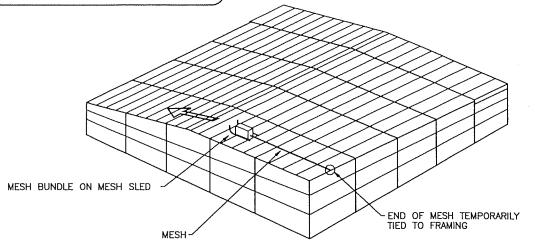
Workers must use additional fall protection while installing the SKY-WEB II SYSTEM.



CAUTION

Care must be used when pulling the SKY-WEB II SYSTEM over structurals to avoid snags, tears, or other damage.





STEP 1 LOCATE THE MESH AND PARTS

- EACH PACKAGE WILL BE MARKED "X" OF "TOTAL NUMBER" (FOR EXAMPLE, "1 OF 3").
 MAKE SURE ALL PACKAGES ARE ON HAND.
 A COMPLETE INVENTORY OF ALL MESH AND SMALL PARTS
 SHOULD BE DONE IMMEDIATELY. MISSING PARTS MAY SHUT
 DOWN INSTALLATION.

 THE MESH WILL ARROW AT THE LOD OF THE MESH AND SMALL PARTS.

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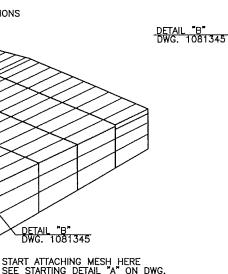
 THE MESH WILL ARROW TO THE MESH AND THE MESH AN
- DOWN INSTALLATION.

 THE MESH WILL ARRIVE AT THE JOB SITE IN REINFORCED PLASTIC BAGS OR IN CARDBOARD BOXES.

 EACH MESH WILL HAVE A TAG ATTACHED ON ONE END OF THE MESH TO IDENTIFY ON WHICH BAY(S) IT SHOULD BE INSTALLED. THE MESH FOR END BAYS WILL HAVE AN ORANGE TAG. THE MESH FOR INTERIOR BAYS WILL HAVE A WHITE TAG.

 THE SMALL PARTS AND FASTENERS NEEDED FOR INSTALLATION WILL ARRIVE AT THE JOB SITE IN A CARDBOARD BOX.

 INSTALLATION INSTRUCTIONS ARE LOCATED IN THE SMALL PARTS BOX. READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE STARTING INSTALLATION.



STEP 2 ATTACH V STRAPS AND WIRE CLIPS

- START INSTALLING THE V-STRAPS AT A CORNER. THIS SHOULD BE THE SAME CORNER WHERE THE INSTALLATION OF THE MESH WILL BE STARTED. (SEE DETAIL "A" DWG. 1081344)
 INSTALL V-STRAPS TO THE FRAMING ON THE ENTIRE PERIMETER OF THE BUILDING. (SEE DETAIL "A" DWG. 1081345 FOR SIDEWALLS AND DETAIL "A" DWG. 1081346 FOR ENDWALLS)
- THE V-STRAPS COME TO THE JOB SITE WITH THE WIRE CLIPS ALREADY ATTACHED EXCEPT AT THE ENDS OF THE V-STRAP. INSTALL THE WIRE CLIP IN THE SLOT OF BOTH V-STRAPS WHERE THE V-STRAPS OVERLAP.

DETAIL "B" DWG, 1081345 DETAIL "A" DWG. 1081347

STEP 3 STRING MESH OVER FRAMING

- PLACE THE BAG WITH THE MESH AT THE EDGE OF THE ROOF FRAMING.

 PLACE THE BAG WITH THE MESH AT THE EDGE OF THE ROOF FRAMING.

 IF THE MESH IS TO COVER ONLY ONE BAY, THEN PLACE THE BAG IN THE CENTER OF THE BAY. IF THE MESH IS MADE TO COVER TWO BAYS, THEN PLACE THE BAG IN THE CENTER OF THE COMBINED BAYS.

 DO NOT OPEN THE BAG, LOCATE THE WHITE OR ORANGE TAG THAT IS TIED TO THE MESH WITH A GREEN TWINE, CUT OPEN THE BAG AT THE TAG END.

 PULL ON THE SMALL ROPE THAT IS ATTACHED TO GREEN TWINE AND FEED OUT A SHORT LENGTH OF MESH. DO NOT CUT THE SMALL ROPE.

 TEMPORARILY TIE THE ROPE TO THE ROOF FRAMING.

 PULL THE BAG ACROSS THE ROOF FRAMING ALLOWING THE MESH TO STRING OUT OF THE BAG. ONLY STRING OUT A WORKABLE LENGTH OF MESH, APPROXAMATELY 100 TO 150 FEET. THE PATENTED SKY—WEB II MESH SLED IS OPTIONAL AND RECOMMEND FOR MOVING THE BAG ACROSS THE FRAMING FOR BUILDINGS OVER 100 FEET WIDE. DRAWINGS FOR THE MESH SLED ARE SHIPPED WITH THE MESH SLED.

 ON SMALL BUILDINGS, THE MESH MAY BE STRUNG OVER THE FRAMING BY
- ON SMALL BUILDINGS, THE MESH MAY BE STRUNG OVER THE FRAMING BY PULLING THE TAG END OF THE MESH ACROSS THE FRAMING. THE BAG MAY BE SET ON A TEMPORARY PLYWOOD PLATFORM AT THE EAVE OR LEFT ON THE GROUND, FOR SHORT BUILDINGS, AS THE MESH IS STRUNG OUT.

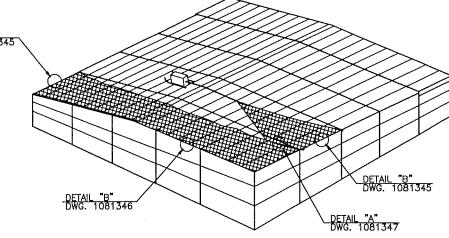
STEP 4 ATTACH MESH TO V-STRAPS

MESH-

- AT THE FAR EAVE, LEAVE THE MESH ON THE SLED OR PLACE IT ON
- AI THE FAR EAVE, LEAVE THE MESH ON THE SLED OR PLACE IT ON A TEMPOARY PLYWOOD PLATFORM. DO NOT HANG MESH OVER THE EAVE.

 STARTING AT THE EAVE, STRETCH THE MESH ACROSS THE WIDTH OF THE BAY (OR TWO BAYS) IF THE MESH IS MADE TO COVER TWO BAYS).

 STARTING AT THE CORNER WHERE THE INSTALLATION OF THE V-STRAPS WAS STARTED, LOOP THE MESH INTO THE WIRE CLIPS AT THE CORNER (SEE DETAIL "A" DWG. 1081344) AND ALONG THE SIDEWALL (SEE DETAIL "B" DWG. 1081345).
- NEXT LOOP THE MESH INTO THE WIRE CLIPS ALONG THE ENDWALL (SEE DETAIL "B" DWG. 1081346).
- . WHEN PROPERLY INSTALLED THERE MAY STILL BE EXTRA LENGTH OF MESH AT THE EAVE, THIS IS NORMAL.



STEP 5 CONTINUE INSTALLATION ON OTHER BAYS

- REPEAT STEP 3.
 REPEAT STEP 4 EXCEPT AS NOTED BELOW.
 LOOP THE MESH INTO THE WIRE CLIPS ALONG THE EAVE FIRST.
 (SEE DETAILS "B" & "C" DWG. 1081345).
 STARTING AT THE EAVE, SPLICE THE PIECES OF MESH TOGETHER
 (SEE DETAIL "A" DWG. 1081347).

STEP 6 INSTALLING MESH ON THE LAST BAY

ON THE LAST BAY, THE END BAY, ATTACH THE MESH ALONG THE ENDWALL FIRST.

THEN START ATTACHING THE MESH ALONG THE SIDEWALLS STARTING AT THE OUTSIDE CORNER AND WORKING TOWARD THE INTERIOR BAYS.

SKY-WEB II"

AFTER ALL MESH IS COMPLETELY INSTALLED, ANY EXTRA LENGTH OF MESH AT THE SIDEWALLS MAY BE CUT OFF.



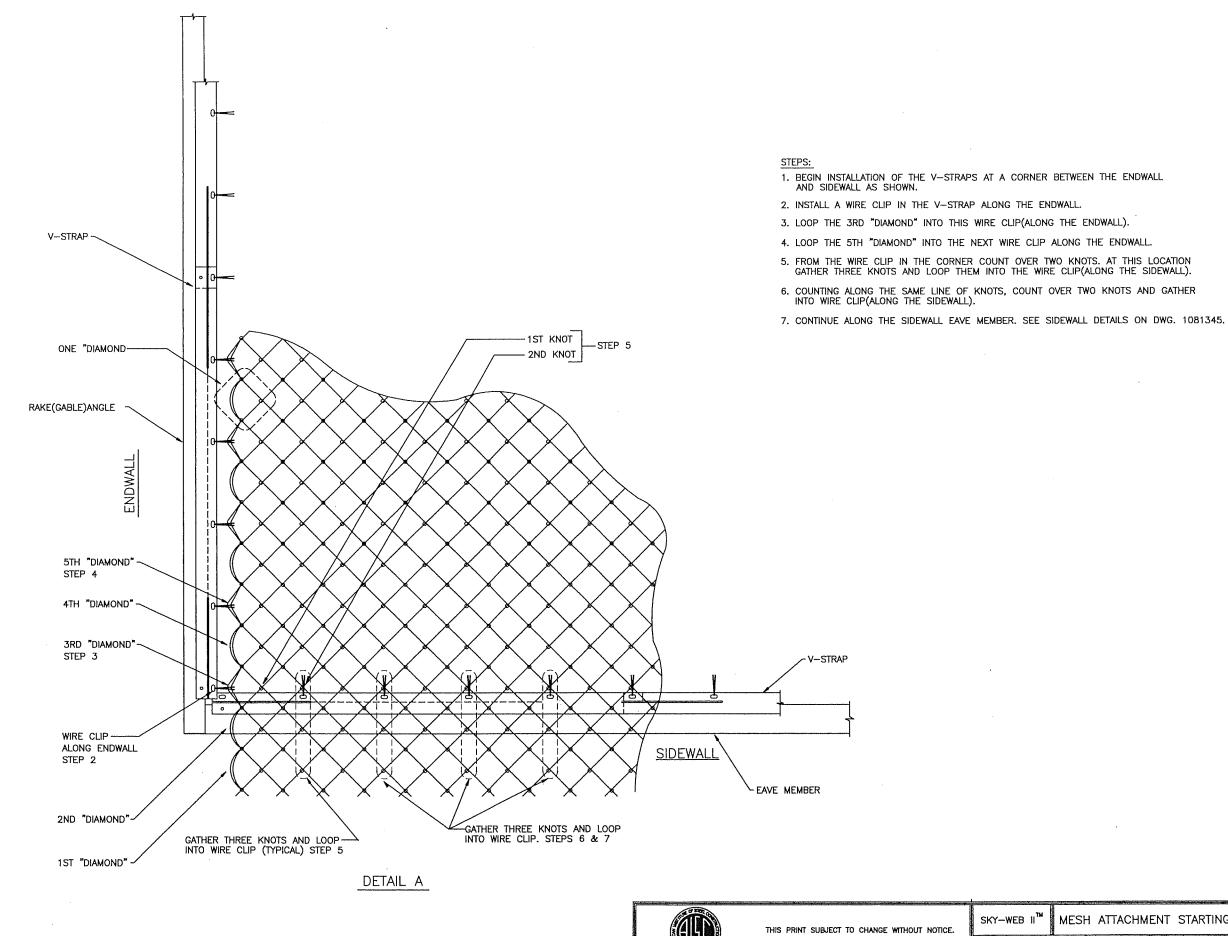
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INSTALLATION SEQUENCE

12/09/99 GROUP D19-01 B 1081343 02

BUILDINGS

01-019-01 **B** 1081343 02

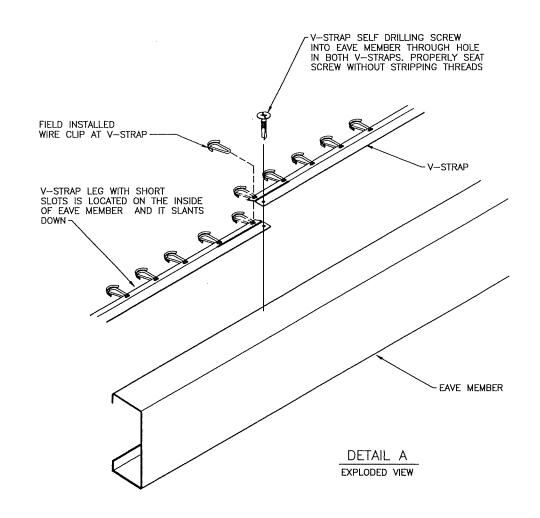


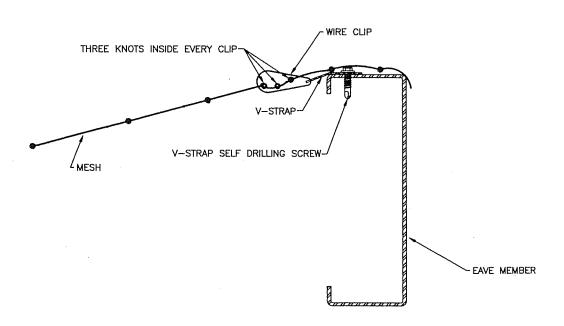
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MESH ATTACHMENT STARTING DETAIL

ALL BUILDINGS

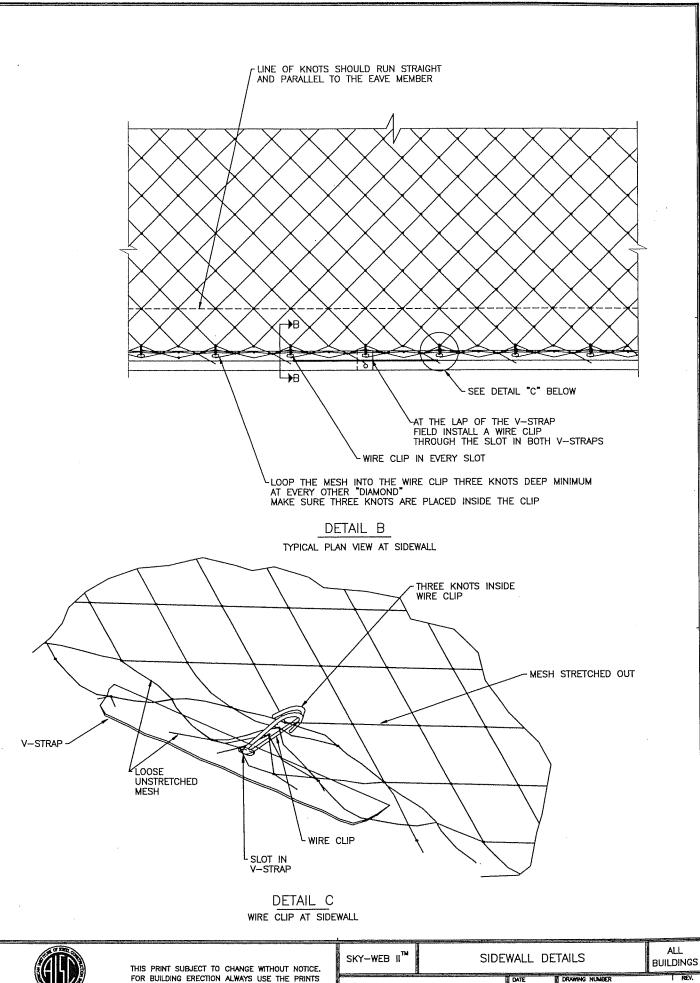
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SECTION B-B

TYPICAL AT SIDEWALL

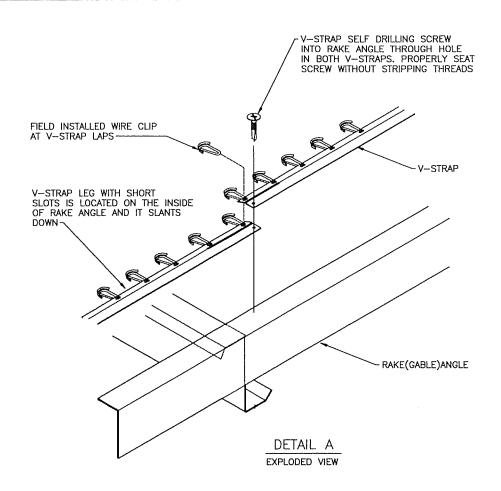


RECEIVED WITH THE BUILDING SHIPMENT.

DATE 09/28/98

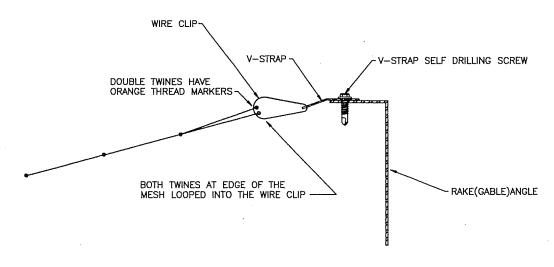
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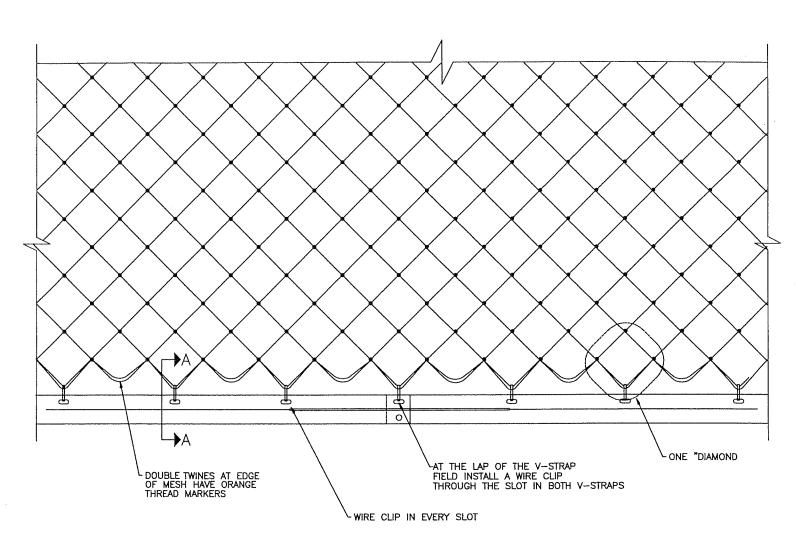


NOTE:

IF THE BUILDING HAS AN MR—24 ROOF, INSTALL TRIM CLIPS TO GABLE ANGLE BEFORE INSTALLING V—STRAPS. V—STRAPS MAY RUN OVER TRIM CLIP FASTENER.



SECTION A-A
TYPICAL AT ENDWALL



DETAIL B
TYPICAL PLAN VIEW AT ENDWALL

STEPS

- 1. VERIFY THAT THE TWINES AT THE EDGE OF THE MESH TO BE INSTALLED AT THE ENDWALL HAVE ORANGE THREAD MARKERS.
- 2. LOOP THE MESH INTO THE WIRE CLIP AT EVERY OTHER "DIAMOND"
- 3. MAKE SURE BOTH TWINES AT THE EDGE ARE LOOPED INTO THE WIRE CLIP.
- 4. SEE DETAIL A FOR AN EXPLODED VIEW OF THE V-STRAP CONNECTION.



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SKY-WEB IITM ENDWALL DETAILS BUILDINGS

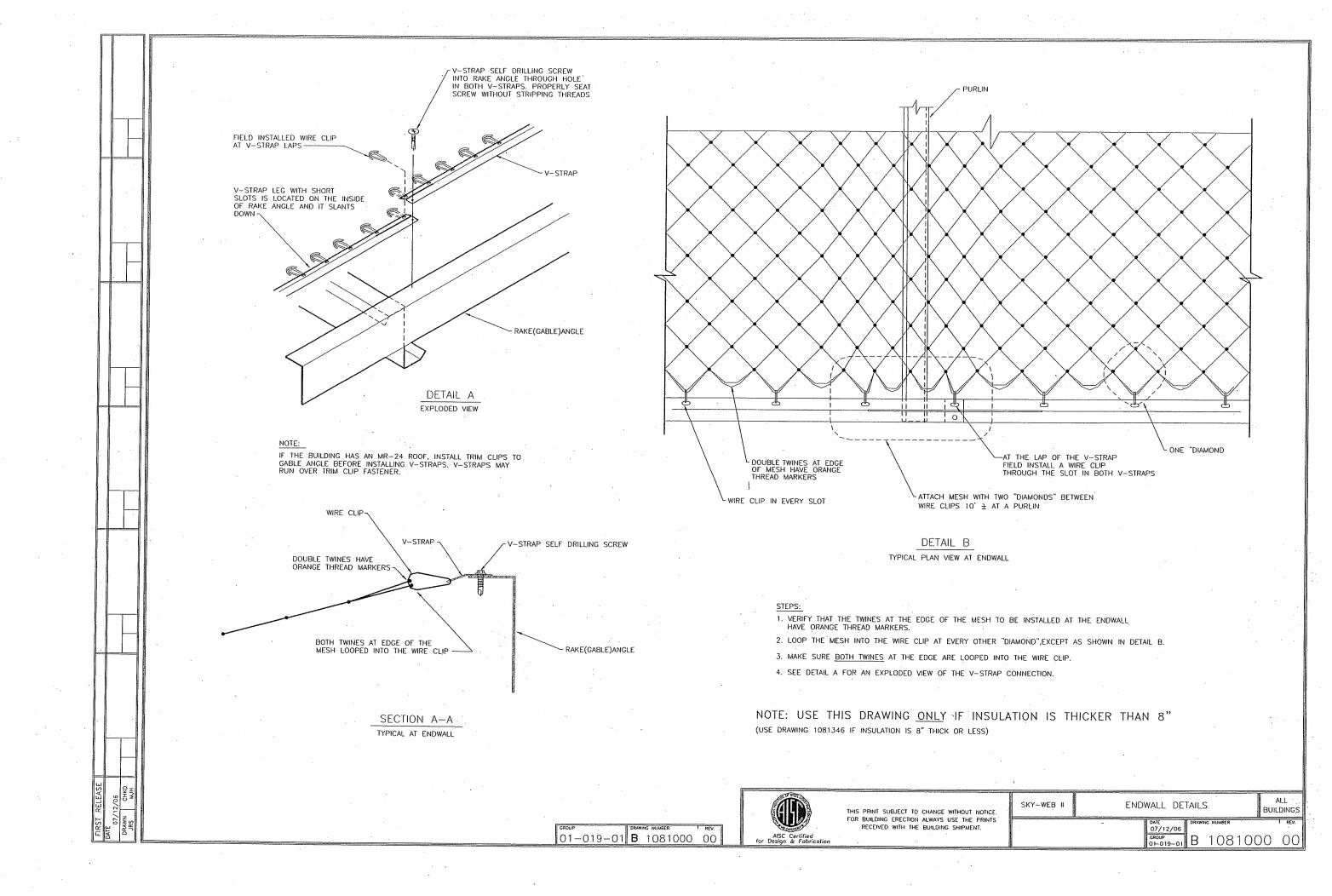
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DING ERECTION ALWAYS USE THE PRINTS

IVED WITH THE BUILDING SHIPMENT.



WARNING

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WARNING

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WARNING

Workers must use additional fall protection while installing the SKY-WEB II SYSTEM.

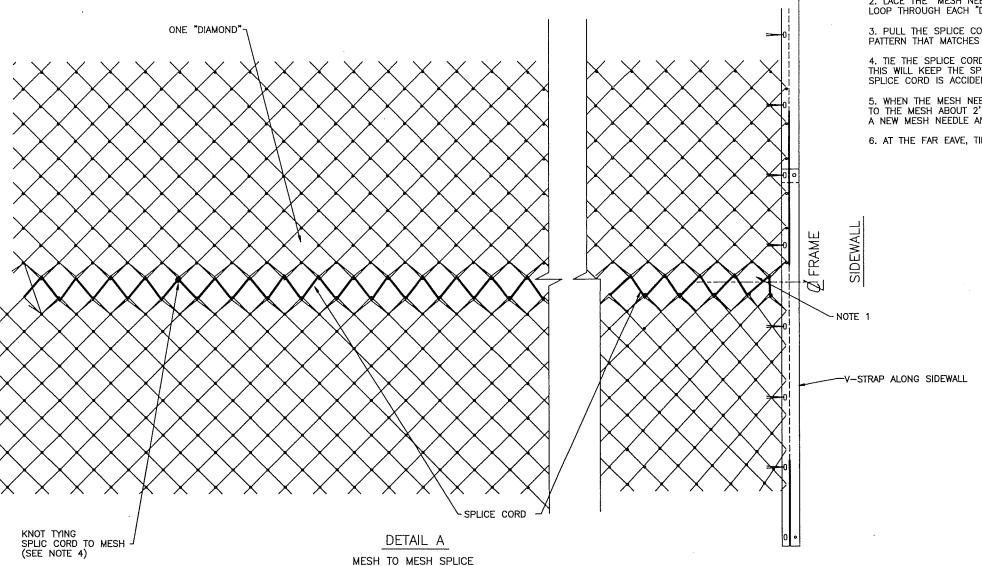


CAUTION

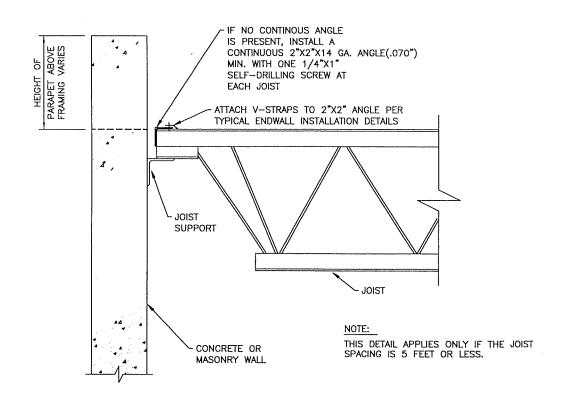
Care must be used when pulling the SKY-WEB II SYSTEM over structurals to avoid snags, tears, or other damage.

1. AT THE EAVE, LOOP THE END OF THE SPLICE CORD THROUGH BOTH PIECES OF MESH AND TIE IT SECURLEY. MAKE SURE THE KNOT IS STRONG ENOUGH TO NOT COME UNTIED.

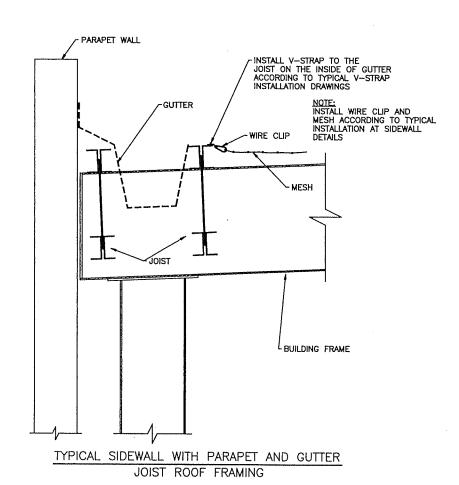
- 2. LACE THE "MESH NEEDLE" BACK AND FORTH BETWEEN THE EDGES OF BOTH PIECES OF MESH. LOOP THROUGH EACH "DIAMOND" ALONG BOTH EDGES.
- 3. PULL THE SPLICE CORD LIGHTLY TO ALLOW ENOUGH SLACK IN THE SPLICE CORD TO FORM A ZIGZAG PATTERN THAT MATCHES THE PATTERN OF THE MESH.
- 4. TIE THE SPLICE CORD TO THE MESH AT EACH PURLIN (APPROXIMATELY 5' ON CENTER). THIS WILL KEEP THE SPLICE FROM "UNZIPPING" IF THE MESH NEEDLE IS DROPPED, OR IF THE SPLICE CORD IS ACCIDENTLY CUT AFTER INSTALLATION.
- 5. WHEN THE MESH NEEDLE IS ABOUT TO RUN OUT OF SPLICE CORD, TIE THE SPLICE CORD TO THE MESH ABOUT 2' TO 3' FROM THE END. TIE THE END TO THE SPLICE CORD OF A NEW MESH NEEDLE AND CONTINUE LACING.
- 6. AT THE FAR EAVE, TIE OFF THE SPLICE CORD TO BOTH PIECES OF MESH (SAME AS NOTE 1).

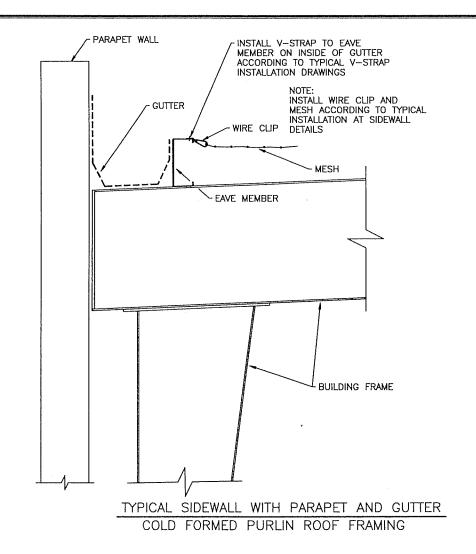


07/21/00



TYPICAL DETAIL AT CONCRETE OR MASONY ENDWALL JOIST ROOF FRAMING







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SKY-WEB IITM DETAILS AT PARAPET WALLS

BUILDINGS DATE 09/28/98 60-019-01 B 1081348 00

01-019-01 **B** 1081348 00

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