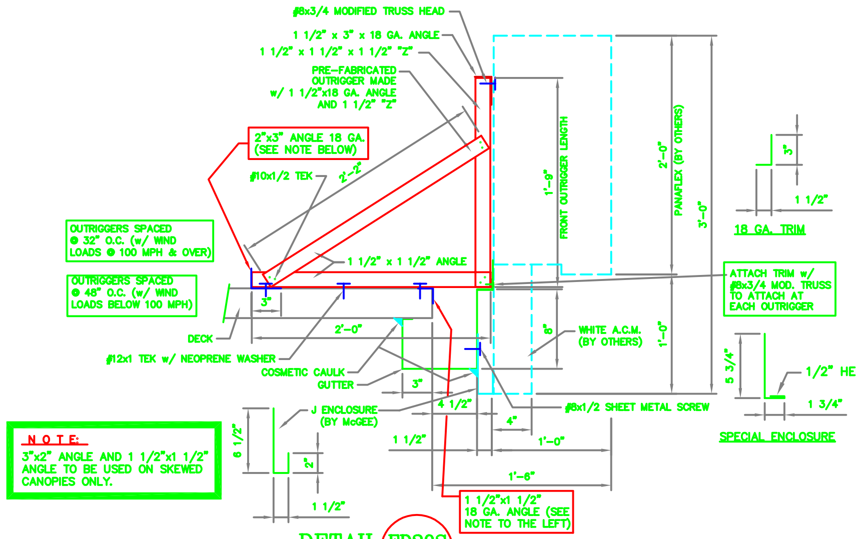
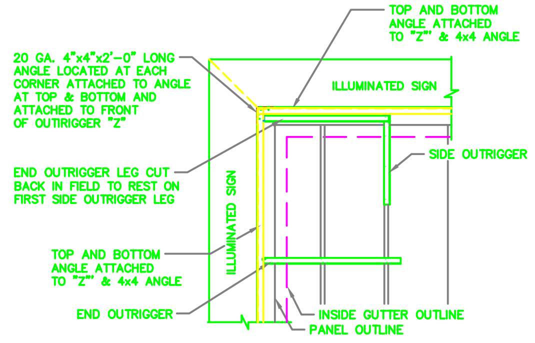
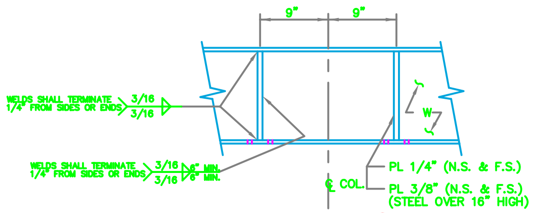

#8x3/4 MODIFIED TRUSS HEAD
1 1/2" x 3" x 18 GA. ANGLE
1 1/2" x 1 1/2" x 1 1/2" "Z"
PRE-FABRICATED OUTRIGGER MADE w/ 1 1/2"x18 GA. ANGLE AND 1 1/2" "Z"
2"x3" ANGLE 18 GA. (SEE NOTE BELOW)
#10x1/2 TEK
OUTRIGGERS SPACED @ 32" O.C. (w/ WIND LOADS @ 100 MPH & OVER)
OUTRIGGERS SPACED @ 48" O.C. (w/ WIND LOADS BELOW 100 MPH)
1 1/2" x 1 1/2" ANGLE
DECK
#12x1 TEK w/ NEOPRENE WASHER
COSMETIC CAULK
GUTTER
J ENCLOSURE (BY McGEE)
WHITE A.C.M. (BY OTHERS)
#8x1/2 SHEET METAL SCREW
FRONT OUTRIGGER LENGTH
PANAFLEX (BY OTHERS)
1 1/2"x1 1/2" 18 GA. ANGLE (SEE NOTE TO THE LEFT)
18 GA. TRIM
ATTACH TRIM w/ #8x3/4 MOD. TRUSS TO ATTACH AT EACH OUTRIGGER
1/2" HEM
SPECIAL ENCLOSURE
2'-0"
3'-0"
1'-9"
1'-0"
1'-6"
6 1/2"
4 1/2"
1 1/2"
5 3/4"
1 3/4"

N O T E:
3"x2" ANGLE AND 1 1/2"x1 1/2" ANGLE TO BE USED ON SKEWED CANOPIES ONLY.

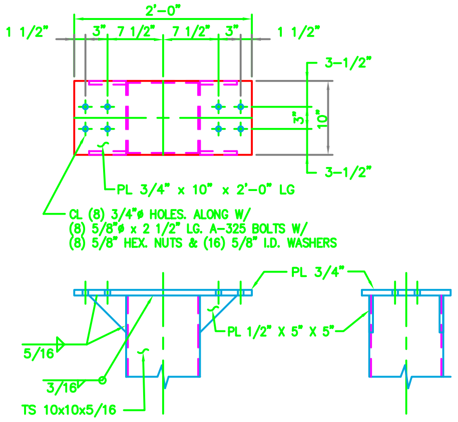
DETAIL FD20S
03-10-99
MOBIL


20 GA. 4"x4"x2'-0" LONG ANGLE LOCATED AT EACH CORNER ATTACHED TO ANGLE AT TOP & BOTTOM AND ATTACHED TO FRONT OF OUTRIGGER "Z"
END OUTRIGGER LEG CUT BACK IN FIELD TO REST ON FIRST SIDE OUTRIGGER LEG
TOP AND BOTTOM ANGLE ATTACHED TO "Z" & 4x4 ANGLE
END OUTRIGGER
ILLUMINATED SIGN
SIDE OUTRIGGER
INSIDE GUTTER OUTLINE
PANEL OUTLINE

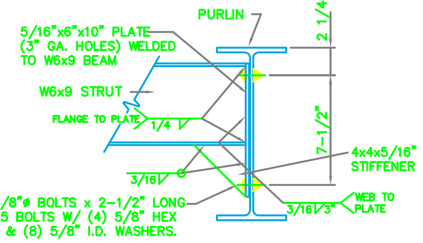
DETAIL C-1
5-24-01


9"
9"
WELDS SHALL TERMINATE 1/4" FROM SIDES OR ENDS
3/16
COL.
PL 1/4" (N.S. & F.S.)
PL 3/8" (N.S. & F.S.) (STEEL OVER 16" HIGH)

DETAIL GS7
REV 11/13/01



DETAIL TC3
REV.1 03/17/94


PURLIN
2 1/4"
5/16"x6"x10" PLATE (3" GA. HOLES) WELDED TO W6x9 BEAM
W6x9 STRUT
FLANGE TO PLATE 1/4
7-1/2"
4x4x5/16" STIFFENER
3/16
WEB TO PLATE
(4) 5/8"ø BOLTS x 2-1/2" LONG A-325 BOLTS W/ (4) 5/8" HEX NUTS & (8) 5/8" I.D. WASHERS.

DETAIL GS2
REV.7 3/20/02
PURLIN STIFFENER

COPIED FROM SPECIFICATION for STRUCTURAL JOINTS
USING ASTM A325 or A490 BOLTS

TURN OF NUT METHOD: BOLTS SHALL BE INSTALLED IN ALL HOLES OF THE CONNECTION & BROUGHT TO A SNUG-TIGHT CONDITION. SNUG TIGHT IS DEFINED AS THE TIGHTNESS THAT EXISTS WHEN THE PLIES OF THE JOINT ARE IN FIRM CONTACT. THIS MAY BE ATTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH. SNUG TIGHTENING SHALL PROGRESS SYSTEMATICALLY FROM THE MOST RIGID PART OF THE CONNECTION TO THE FREE EDGES AND THEN THE BOLTS OF THE CONNECTION SHALL BE RETIGHTENED IN A SIMILAR SYSTEMATIC MANNER AS NECESSARY UNTIL ALL BOLTS ARE SIMULTANEOUSLY SNUG TIGHT AND THE CONNECTION IS FULLY COMPACTED. FOLLOWING THIS INITIAL OPERATION, ALL BOLTS IN THE CONNECTION SHALL BE TIGHTENED FURTHER BY THE APPLICABLE AMOUNT OF ROTATION SPECIFIED IN THE TABLE. DURING THE TIGHTENING OPERATION, THERE SHALL BE NO ROTATION OF THE PART NOT TURNED BY THE WRENCH. TIGHTENING SHALL PROGRESS SYSTEMATICALLY FROM THE MOST RIGID PART OF THE JOINT TO ITS FREE EDGES.

BOLT LENGTH (UNDER SIDE OF HEAD TO END OF BOLT)	DISPOSITION OF OUTER FACE OF BOLTED PARTS		
	BOTH FACES NORMAL TO BOLT AXIS	ONE FACE NORMAL TO BOLT AXIS AND OTHER SLOPED NOT MORE THAN 1:20 (BEVELED WASHER NOT USED)	BOTH FACES SLOPED NOT MORE THAN 1:20 FROM NORMAL TO THE BOLT AXIS (BEVELED WASHER NOT USED)
UP TO AND INCLUDING 4 DIAMETERS	1/3 TURN	1/2 TURN	2/3 TURN
OVER 4 DIAMETERS BUT NOT EXCEEDING 8 DIAMETERS	1/2 TURN	2/3 TURN	5/6 TURN

A) NUT ROTATION IS RELATIVE TO BOLT REGARDLESS OF THE ELEMENT (NUT OR BOLT) BEING TURNED. FOR BOLTS INSTALLED BY 1/2 TURN AND LESS, THE TOLERANCE SHOULD BE PLUS OR MINUS 30 DEGREES, FOR BOLTS INSTALLED BY 2/3 TURN AND MORE, THE TOLERANCE SHOULD BE PLUS OR MINUS 45 DEGREES.

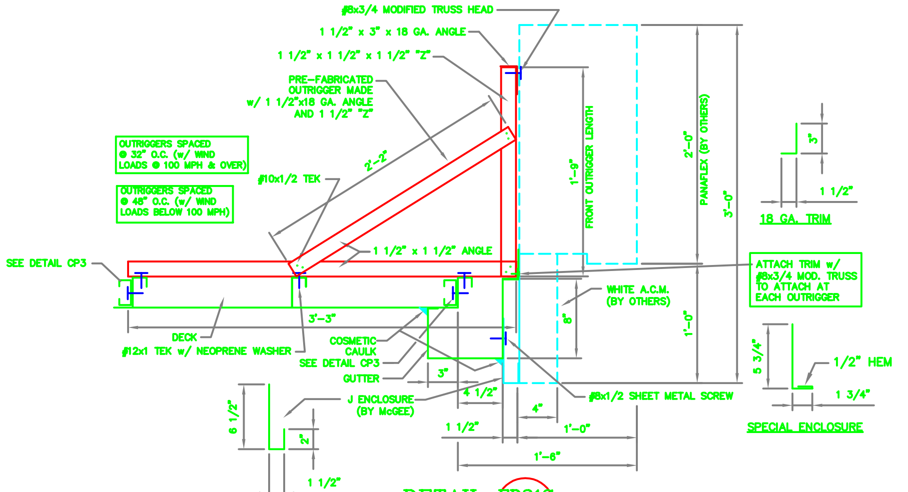
B) APPLICABLE ONLY TO CONNECTIONS IN WHICH ALL MATERIAL WITHIN THE GRIP OF THE BOLT IS STEEL.

STEP (1): SNUG THE JOINT SO THAT NO GAPS EXIST BETWEEN THE LAYERS OF STEEL AT THE BOLT HOLES.

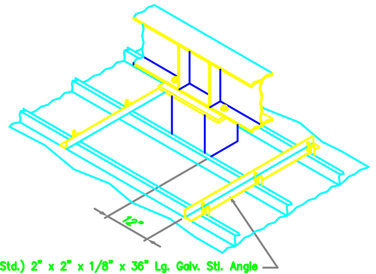
STEP (2): MATCHMARK EACH NUT, BOLT AND STEEL SURFACE IN A STRAIGHT LINE GOING ACROSS A CORNER OF THE NUT.

STEP (3): APPLY THE REQUIRED TURNS AS GIVEN IN THE TABLE ABOVE. ONE WORKER MUST HOLD THE BOLT HEAD/NUT AS THE NUT/BOLT HEAD IS TURNED.

0"
BOLT END
NUT
MARK STEEL
STEEL SURFACE
REQUIRED ROTATION


#8x3/4 MODIFIED TRUSS HEAD
1 1/2" x 3" x 18 GA. ANGLE
1 1/2" x 1 1/2" x 1 1/2" "Z"
PRE-FABRICATED OUTRIGGER MADE w/ 1 1/2"x18 GA. ANGLE AND 1 1/2" "Z"
OUTRIGGERS SPACED @ 32" O.C. (w/ WIND LOADS @ 100 MPH & OVER)
OUTRIGGERS SPACED @ 48" O.C. (w/ WIND LOADS BELOW 100 MPH)
#10x1/2 TEK
1 1/2" x 1 1/2" ANGLE
SEE DETAIL CP3
DECK
#12x1 TEK w/ NEOPRENE WASHER
COSMETIC CAULK
SEE DETAIL CP3
GUTTER
J ENCLOSURE (BY McGEE)
WHITE A.C.M. (BY OTHERS)
#8x1/2 SHEET METAL SCREW
FRONT OUTRIGGER LENGTH
PANAFLEX (BY OTHERS)
18 GA. TRIM
ATTACH TRIM w/ #8x3/4 MOD. TRUSS TO ATTACH AT EACH OUTRIGGER
1/2" HEM
SPECIAL ENCLOSURE
2'-0"
3'-0"
1'-9"
3'-3"
1'-0"
1'-6"

DETAIL FD21S
03-10-99
MOBIL

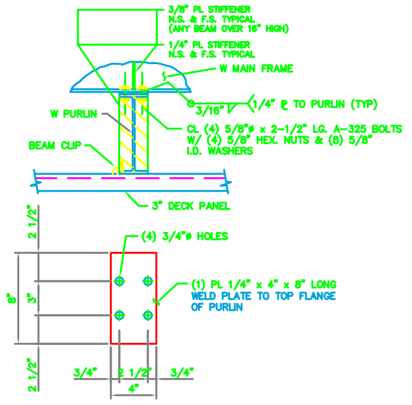


(Std.) 2" x 2" x 1/8" x 36" Lg. Galv. Stl. Angle
(16" Cols. or Greater) 2" x 2" x 1/8 x 48" Lg. Galv. Stl. Angle

Step 1 Attach a support bracket on each side of the column to support the cut rib of deck. Keep bracket at least 12" away from column to allow room to seal around column. (Typ. all columns)

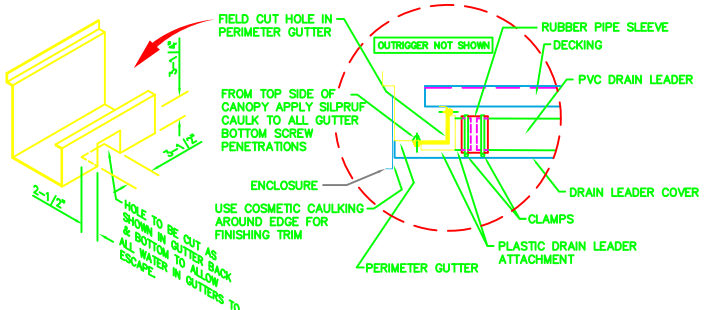
Step 2 Use McGee beam clip as shown to secure and support.

DETAIL DSA1
REV.2 02-18-00


3/8" PL STIFFENER N.S. & F.S. TYPICAL (ANY BEAM OVER 18" HIGH)
1/4" PL STIFFENER N.S. & F.S. TYPICAL
W MAIN FRAME
1/4" ℄ TO PURLIN (TYP)
W PURLIN
CL (4) 5/8"ø x 2-1/2" LG. A-325 BOLTS W/ (4) 5/8" HEX. NUTS & (8) 5/8" I.D. WASHERS
BEAM CLIP
3" DECK PANEL
(4) 3/4"ø HOLES
(1) PL 1/4" x 4" x 8" LONG WELD PLATE TO TOP FLANGE OF PURLIN
2 1/2"
3/4"
1 1/2"
4"
8"

DETAIL PH19
REV. 08-30-94

NOTE: APPLY SILPRUF CAULKING TO THE GUTTER DRAIN LIP & ATTACH TO GUTTER WHILE CAULK IS STILL WET. THIS WILL ALLOW CAULKING TO COVER THE SCREW THREADS FOR AN APPROPRIATE SEAL.

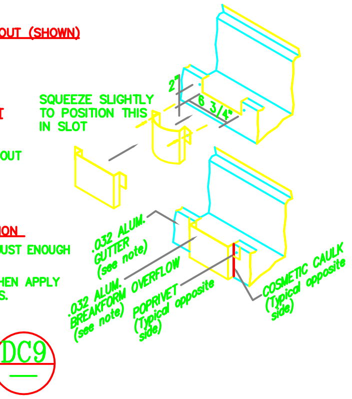

FIELD CUT HOLE IN PERIMETER GUTTER
OUTRIGGER NOT SHOWN
RUBBER PIPE SLEEVE
DECKING
PVC DRAIN LEADER
FROM TOP SIDE OF CANOPY APPLY SILPRUF CAULK TO ALL GUTTER BOTTOM SCREW PENETRATIONS
ENCLOSURE
USE COSMETIC CAULKING AROUND EDGE FOR FINISHING TRIM
DRAIN LEADER COVER
CLAMPS
PLASTIC DRAIN LEADER ATTACHMENT
PERIMETER GUTTER
HOLE TO BE CUT AS SHOWN IN GUTTER & BOTTOM TO ALLOW WATER TO BACK ESCAPE

DETAIL DC14
REV. 05-19-97

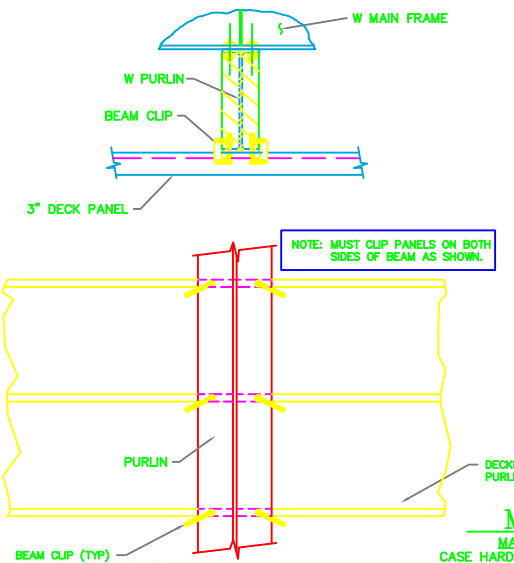
PERIMETER GUTTER O'FLOW CUTOUT (SHOWN)
NOTCH 2"x 6 3/4" HOLE
IN GUTTER AS SHOWN
(See roof plan for locations on canopy)

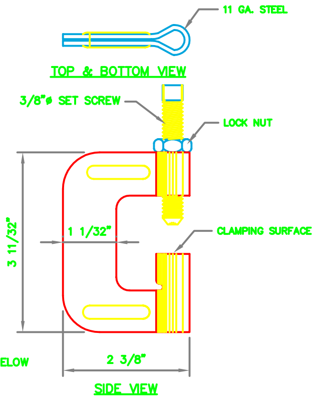
CENTER GUTTER O'FLOW CUTOUT
NOTCH 2"x 6 3/4" HOLE
IN GUTTER AS SHOWN
ALTERNATE DIRECTION OF CUT OUT AND OVERFLOW IF MORE THAN (2) OVERFLOWS ARE PRESENT
(See roof plan for locations on canopy)

OVERFLOW INSTALLATION
INSERT (1) FLANGE AND BEND JUST ENOUGH TO GET OTHER SIDE IN.
USE (1) POPRIVET EACH SIDE THEN APPLY COSMETIC CAULK AROUND EDGES.


SQUEEZE SLIGHTLY TO POSITION THIS IN SLOT
2"
6 3/4"
.032 ALUM. GUTTER (see note)
.032 ALUM. BREAKFORM OVERFLOW (see note)
POPRIVET (Typical opposite side)
COSMETIC CAULK (Typical opposite side)

DETAIL DC9
REV. 1 03-26-02

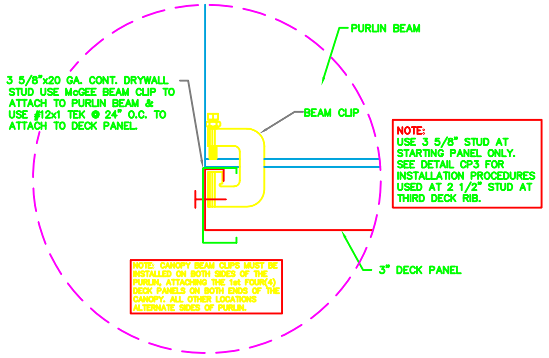

W MAIN FRAME
W PURLIN
BEAM CLIP
3" DECK PANEL
NOTE: MUST CLIP PANELS ON BOTH SIDES OF BEAM AS SHOWN.
PURLIN
DECKING BELOW PURLIN
BEAM CLIP (TYP) SEE DETAIL TO THE RIGHT



McGEE BEAM CLIP DETAIL
MATERIAL: 11 GAUGE PLATE, ASTM A526 CQ (GALVANIZED);
CASE HARDENED C1018-1022 LOW CARBON STEEL WIRE SET SCREW (ZINC PLATED)

DETAIL CP4
REV 12-05-95

McGEE BEAM CLIP INSTALLATION PROCEDURE: SET BEAM CLIP WITH SET SCREW ON TOP OF BEAM FLANGE AND CLAMPING SURFACE UNDER DECK RIB. PUSH CLIP AGAINST DECK AND BEAM FLANGE WITH SET SCREW AS FAR ONTO BEAM FLANGE AS POSSIBLE. WHILE KEEPING BEAM CLIP VERTICAL, TURN SET SCREW TO SNUG TIGHT WITHOUT BURROWING INTO STEEL BEAM FLANGE. THEN PROCEED TO TURN SET SCREW 3/4 TURN (270°). TIGHTEN LOCK NUT MAKING SURE THAT BEAM CLIP REMAINS IN POSITION.

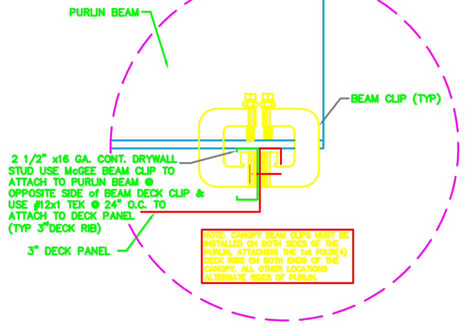

PURLIN BEAM
3 5/8"x20 GA. CONT. DRYWALL STUD USE McGEE BEAM CLIP TO ATTACH TO PURLIN BEAM & USE #12x1 TEK @ 24" O.C. TO ATTACH TO DECK PANEL.
BEAM CLIP
3" DECK PANEL

NOTE:
USE 3 5/8" STUD AT STARTING PANEL ONLY. SEE DETAIL CP3 FOR INSTALLATION PROCEDURES USED AT 2 1/2" STUD AT THIRD DECK RIB.

NOTE: CANOPY BEAM CLIPS MUST BE INSTALLED ON BOTH SIDES OF THE PURLIN, ATTACHING THE 1st FOUR(4) DECK PANELS ON BOTH ENDS OF THE CANOPY. ALL OTHER LOCATIONS ALTERNATE SIDES OF PURLIN.

START END OF PANELS

DETAIL CP2
REV. 5 7-7-97


PURLIN BEAM
BEAM CLIP (TYP)
2 1/2" x16 GA. CONT. DRYWALL STUD USE McGEE BEAM CLIP TO ATTACH TO PURLIN BEAM @ OPPOSITE SIDE of BEAM DECK CLIP & USE #12x1 TEK @ 24" O.C. TO ATTACH TO DECK PANEL (TYP 3rd DECK RIB)
3" DECK PANEL

NOTE: CANOPY BEAM CLIPS MUST BE INSTALLED ON BOTH SIDES OF THE PURLIN, ATTACHING THE 1st FOUR(4) DECK RIBS ON BOTH ENDS OF THE CANOPY. ALL OTHER LOCATIONS ALTERNATE SIDES OF PURLIN.

FINISH END OF PANELS

DETAIL CP3
REV. 6 3-12-03

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Matthews, NC 28106-1375
Phone: (704) 882-1500
Watts: (800) 526-5589

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PR. JOB NO.:
FINAL JOB NO.: 29725
DRAWING NO.: P029725

EXXONMOBIL CORP.
I-294 AND DENLY RD/O'HARE WEST
SCHILLER, IL (COOK COUNTY)

SCALE: NTS
DATE: 3/17/03
IN ACCORDANCE WITH REV. LETTER: ____
DRAWN BY: KLA
CHK'D BY: KLA

CANOPY "B" 20'-0 x 41'-8

MISC. DETAILS

SHEET NO. 3 OF. 3