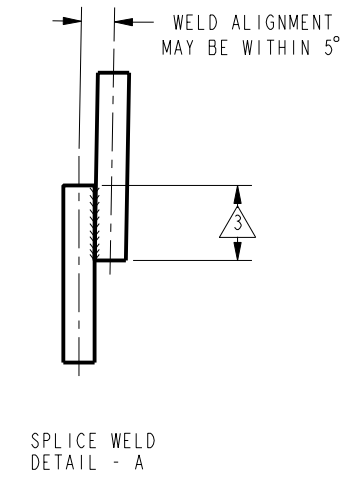
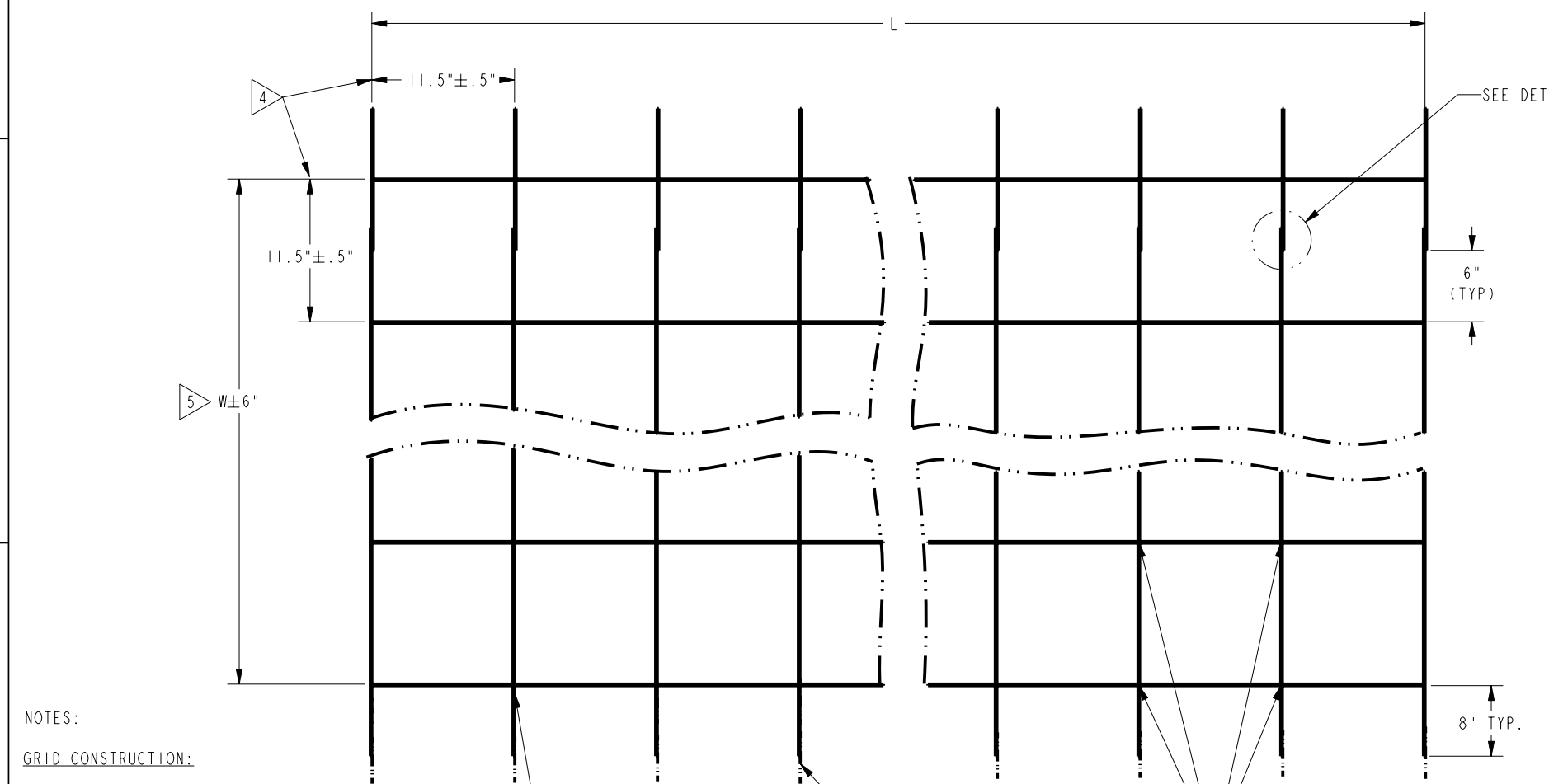


DRAWING NO.  
30009862

CATALOG NO.	ITEM NUMBER	DESCRIPTION	G	L	W
BGM20180	30006091	20' X 180' 12"X12" CTRS #8 SOL	12"X12"	180'	20'
BGM10180	30006092	10' X 180' 12"X12" CTRS #8 SOL	12"X12"	180'	10'
BGM10160	30006093	10' X 160' 12"X12" CTRS #8 SOL	12"X12"	160'	10'
BGM10130	30006094	10' X 130' 12"X12" CTRS #8 SOL	12"X12"	130'	10'
BGM1080	30006095	10' X 80' 12"X12" CTRS #8 SOL	12"X12"	80'	10'

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
C	08/29/2011- 00:00:00 AM	NOTE 4 UPDATED.	24809	BT	MA

REV: PE0200



NOTES:

GRID CONSTRUCTION:

1. MATERIALS:

- #8 SOLID AWG BARE COPPER WIRE
- 99.9% PURE COPPER
- DRAWN TO ASTM B3
- MEETS UL 467 AND CSA 22.2 N41-07 REQUIREMENTS
- MAX SINGLE SHEET WIDTH IS 4'. LARGER WIDTHS ARE MADE UP OF WELDED SHEETS.

2. WELDS:

- COPPER TO COPPER WELD WITH COPPER ROD WITH 5% SILVER MINIMUM.
- EACH WELD TO BE VISUALLY INSPECTED. A SAMPLE OF WELDS TO BE FUNCTIONALLY TESTED TO ENSURE A PROPER JOINT.
- "G" EQUALS DIMENSIONS OF THE GRID CELL.

3. SPLICE WELDS:

- WELD MAY BE DISCOLORED AND HEATING EVIDENCE ON COPPER WIRE.
- STRENGTH OF THE WELDED JOINT IS AT LEAST 90% OF THE BARE COPPER WIRE.
- EACH OVERLAP WELD WILL HAVE A NOMINAL OVERLAP OF 0.75" WITH A TOLERANCE OF  $-0.25" + 0.75"$ .
- UP TO 0.5% OF THE WELDS MAY NOT CONFORM DUE TO HANDLING, SHIPPING AND INSTALLATION.

4. GRIDS MEASURED AT THE CROSS JOINTS. CELLS MAY BECOME DISTORTED DURING SHIPPING AND HANDLING. IT IS ALLOWABLE TO STRAIGHTEN WIRE PRIOR TO MEASUREMENT.

THIS REPRESENTS THE NEXT SHEET OF GRID WHEN "W" EXCEEDS MANUFACTURING CAPABILITY.

COPPER WELD AT EACH JOINT

THE NUMBER OF GRIDS AT A MINIMUM MUST EQUAL W. IT IS ALLOWABLE FOR THE FINAL ROW OF THE GRID TO BE  $12" \pm 4"$  TO MEET THE REQUIREMENT.

EACH END WILL HAVE AN 8" OVER HANG. ENDS MAY BE BENT APPROXIMATELY 90 DEG. ON THE SHIPPING TUBE.

SOME WELDS WILL LOOSEN DURING THE SHIPPING, HANDLING, AND INSTALLATION PROCESS. CONTACT BURNDY FOR REPAIR OPTIONS IF NEEDED.

TO ORDER BURNDY® PRODUCTS CALL		GRIDMAX™	
UNITED STATES: 1-800-346-4175 (LONDONDERRY, NH)		ITEM NO: SEE TABLE	
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		CAT. NO: BGM- --- (TABLE)	
FOR PRODUCT INFO: <a href="http://www.burndy.com">http://www.burndy.com</a>		DRAWN BY: T. BALAN 5/23/2011	
		CHECKER: S. DAVID 6/2/2011	
		DSN APPVL: S. DAVID 6/2/2011	
		MFG APPVL: --	
		QA APPVL: J. BRODEUR 6/8/2011	
		MKT APPVL: R. KATHLEEN 6/2/2011	
		SCALE: 1:200	
		DRAWING NO	
		30009862	
		SHEET 1 OF 1	
		REV	
		C	

