



31.05  
LAYING WIDTH

.84 R X 194° CURL

.62 R X 68.3° CURL

1.31 R X 68.3° CURL

15.54

0.95

.84 R X 194° CURL

55.00°

0.85

2.19

0.50

COATING AREA CHART

	PER FOOT OF SHEET	PER SQUARE FOOT OF WALL
SINGLE SHEET- DIPPED	7.84 SQ.FT.	3.03 SQ.FT.
SINGLE SHEET- SPRAYED	7.51 SQ.FT.	2.90 SQ.FT.
PAIRED SHEETS- SPRAYED	6.59 SQ.FT.	2.55 SQ.FT.
INSTALLED SHEETS- SPRAYED	6.10 SQ.FT.	2.36 SQ.FT.

COMPUTED PROPERTIES, AS DESIGNED

AREA PER PILE - 14.586 SQ. IN.  
 AREA PER FOOT OF WALL - 5.638 SQ. IN.  
 LAYING WIDTH - 31.045 IN. = 2.58708 ft.  
 WEIGHT PER FOOT OF PILE - 49.721 LBS.  
 WEIGHT PER SQ. FOOT OF WALL - 19.219 LBS.  
 WALL DEPTH - 15.541 IN.  
 MATERIAL THICKNESS - 0.312 IN.  
 MOMENT OF INERTIA PER PILE - 577.854 IN.<sup>4</sup>  
 MOMENT OF INERTIA PER FOOT OF WALL - 223.361 IN.<sup>4</sup>  
 SECTION MODULUS PER PILE - 73.598 IN.<sup>3</sup>  
 SECTION MODULUS PER FOOT OF WALL - 28.448 IN.<sup>3</sup>  
 SHEET SECTION PERIMETER - 94.125 IN.  
 C/G TO OUTER FIBER - Y = 7.851 IN.

DRAWING		MSZ 312-12 STATION 16	
PROJECT		SHORELINE STEEL SUPPLY, INC.	
SCALE	FULL SIZE	DRAWING DATE	29 APRIL 2010
DRAWN BY	J.C.B.	LAST REV. DATE	1 DEC 2012
GENERAL MARINE SERVICE CORPORATION		10-0106	
22504 ARDMORE PARK DRIVE		DRAWING NUMBER	
ST. CLAIR SHORES, MI 48081-2011			
586-777-0945			

ROLL FROM 0.312" STRIP APPROX. 46.75" WIDE