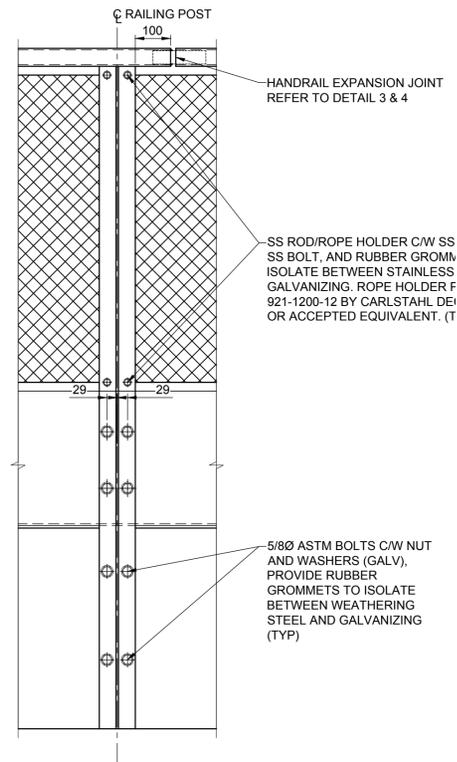
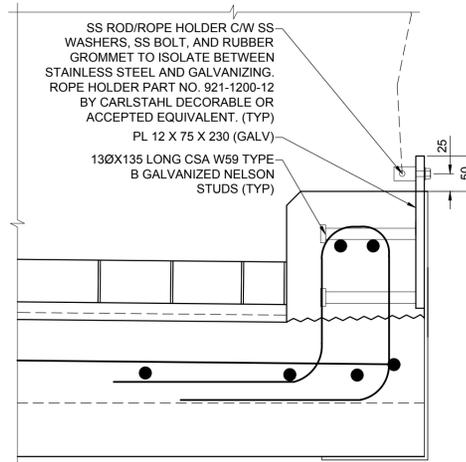


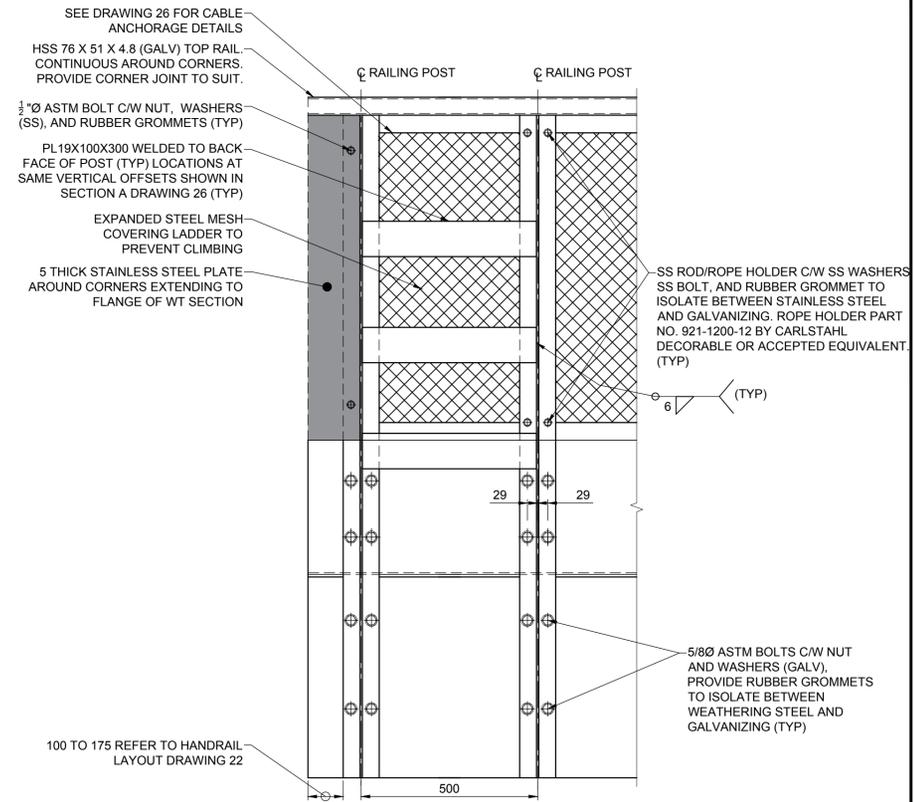
**A SECTION - RAILING**  
 SCALE: 1:10



**B ELEVATION - RAILING**  
 SCALE: 1:10



**C SECTION - MIDPOINT CABLE ANCHORAGE**  
 SCALE: 1:10

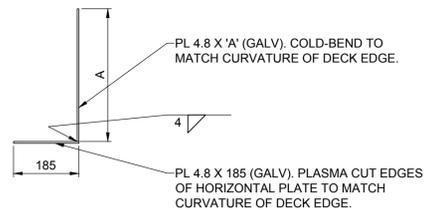


**ELEVATION - CORNER RAILING ANCHOR POST**  
 SCALE: 1:10

NOTE: THE INTENT IS TO FABRICATE THE WT155X16.5 SECTION BY HALVING A W310X33 SECTION

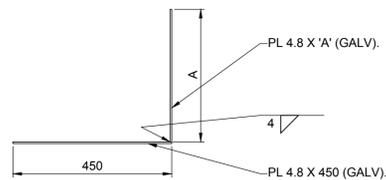
NOTE: ALL HANDRAIL AND ANCHOR POSTS TO BE PLUMB AND HOLES FOR ANCHORS SHALL ACCOUNT FOR VERTICAL GRADE OF STRUCTURE

**EAST AND WEST DECK EDGE ANGLE**

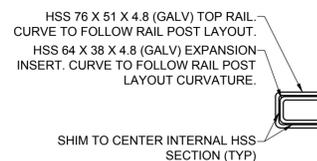


DIMENSION A = 375 EAST DECK EDGE  
 = 400 WEST DECK EDGE  
 = VARIES LINEARLY BETWEEN STATION 3+196.843 AND 3+201.843 TO ACCOMMODATE CHANGES TO DECK THICKNESS CAUSED BY CHANGES TO DECK CROSSFALL

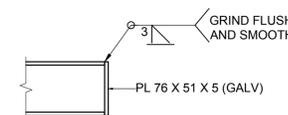
**NORTH & SOUTH LOOKOUT DECK EDGE ANGLE**



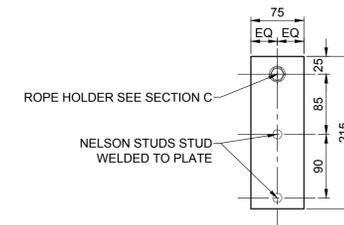
DIMENSION A = NORTH SIDE EDGE ANGLE "A" TAPERS FROM 400 (WEST END) TO 375 (EAST END)  
 SOUTH SIDE EDGE ANGLE "A" TAPERS FROM 375 (WEST END) TO 400 (EAST END)



**3 DETAIL - HANDRAIL EXPANSION JOINT**  
 SCALE: 1:5

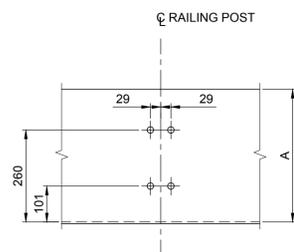


**5 PLAN - HANDRAIL END CAP**  
 SCALE: 1:5

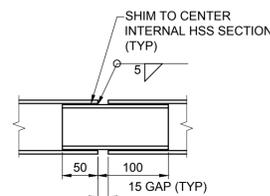


**6 ELEVATION - MIDPOINT CABLE ANCHORAGE**  
 SCALE: 1:5

**1 DETAIL - EDGE ANGLE**  
 SCALE: 1:10



**2 DETAIL - EDGE ANGLE ELEVATION**  
 SCALE: 1:10



**4 PLAN - HANDRAIL EXPANSION JOINT**  
 SCALE: 1:5

**LOCATION APPROVED UNDERGROUND STRUCTURES**  
 SUPR. U/G STRUCTURES COMMITTEE DATE  
 NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.



**METRIC**  
 WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES

BM ELEV			
DESIGNED BY	TN	CHECKED BY	DAN
DRAWN BY	AH	APPROVED BY	BE
HOR SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERT SCALE	AS SHOWN		
DATE	17/10/13	DATE	17/10/13
No. REVISIONS	YYMMDD	BY	
0	ISSUED FOR TENDER	17/10/13	DAN

<b>MORRISON HERSHFIELD</b>	
DESIGNED BY	TN
CHECKED BY	DAN
DRAWN BY	AH
APPROVED BY	BE
HOR SCALE	AS SHOWN
VERT SCALE	AS SHOWN
DATE	17/10/13

PROFESSIONAL'S SEAL  
 PROVINCE OF MANITOBA  
**D.A. NELSON**  
 Member  
 37248  
 REGISTERED PROFESSIONAL ENGINEER  
 CONSULTANT FILE NAME  
 5170563 - DD23&24 - HRL.DT.dwg

**THE CITY OF WINNIPEG**  
 PUBLIC WORKS DEPARTMENT  
 ENGINEERING DIVISION

**TACHE PROMENADE TREETOP LOOKOUT**

HANDRAIL DETAILS 1

CITY DRAWING NUMBER B250-17-50  
 SHEET 50 OF 70  
 DRAWING No. REV 24 0

BID OPPORTUNITY No. 754-2017