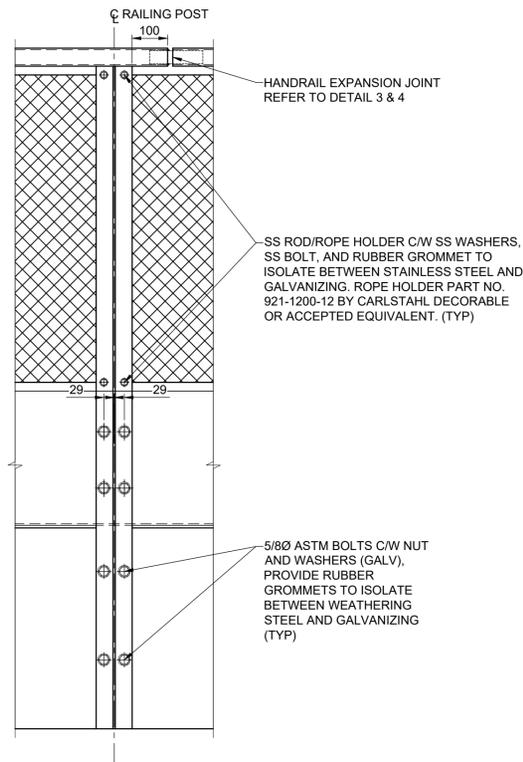
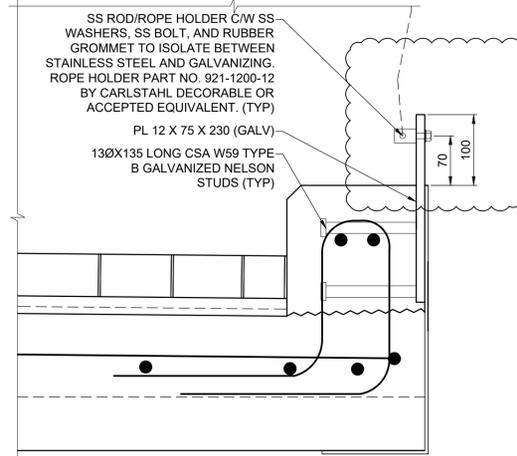


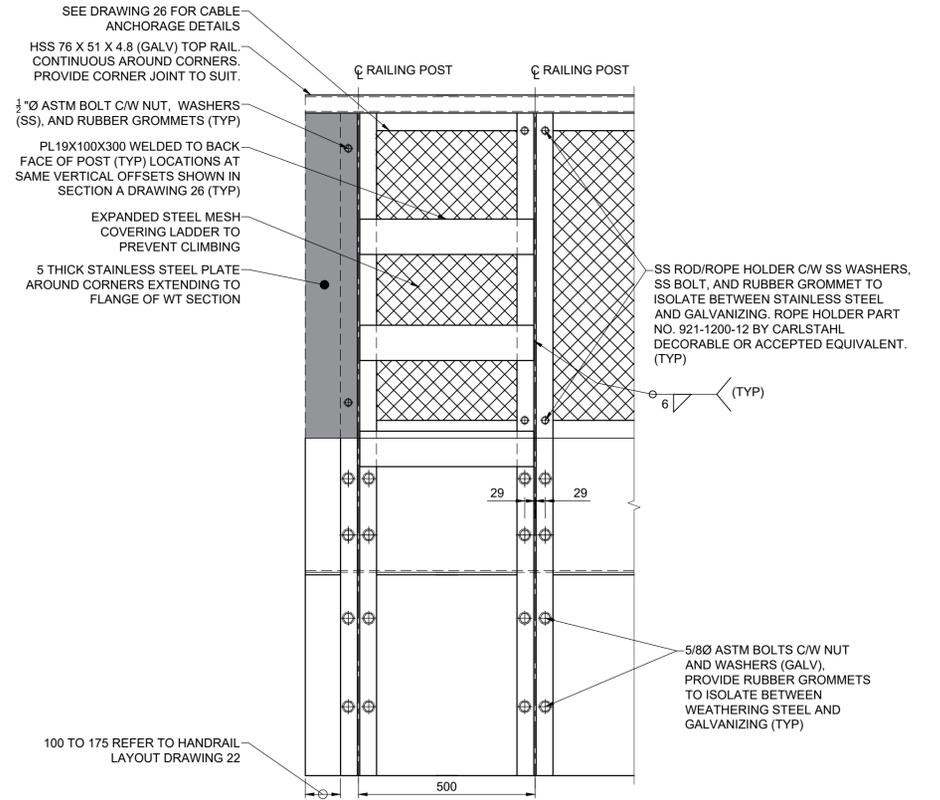
A SECTION - RAILING
SCALE: 1:10



B ELEVATION - RAILING
SCALE: 1:10



C SECTION - MIDPOINT CABLE ANCHORAGE
SCALE: 1:10

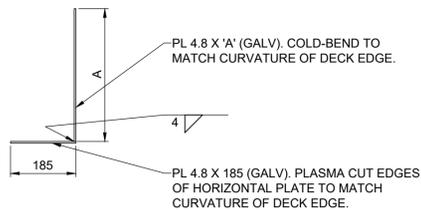


ELEVATION - CORNER RAILING ANCHOR POST
SCALE: 1:10

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

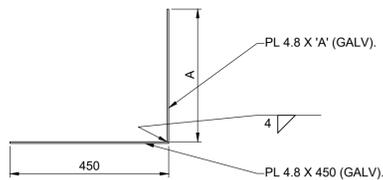
NOTE: ALL HANDRAIL AND ANCHOR POSTS TO BE PLUMB AND HOLES FOR ANCHORS SHALL ACCOUNT FOR VERTICAL GRADE OF STRUCTURE

EAST AND WEST DECK EDGE ANGLE

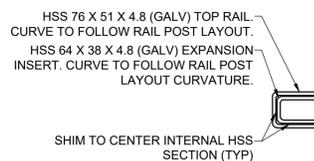


DIMENSION A = 375 EAST DECK EDGE
= 400 WEST DECK EDGE
= VARIES LINEARLY BETWEEN STATION 3+196.843 AND 3+201.843 TO ACCOMMODATE CHANGES TO DECK THICKNESS CAUSED BY CHANGES TO DECK CROSSFALL

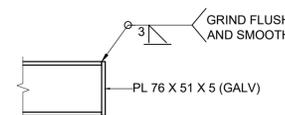
NORTH & SOUTH LOOKOUT DECK EDGE ANGLE



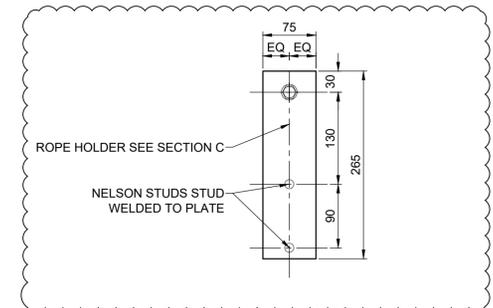
DIMENSION A = NORTH SIDE EDGE ANGLE "A" TAPERS FROM 400 (WEST END) TO 375 (EAST END)
SOUTH SIDE EDGE ANGLE "A" TAPERS FROM 375 (WEST END) TO 400 (EAST END)



3 DETAIL - HANDRAIL EXPANSION JOINT
SCALE: 1:5

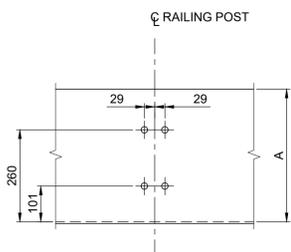


5 PLAN - HANDRAIL END CAP
SCALE: 1:5

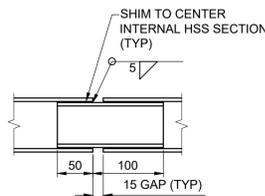


6 ELEVATION - MIDPOINT CABLE ANCHORAGE
SCALE: 1:5

1 DETAIL - EDGE ANGLE
SCALE: 1:10



2 DETAIL - EDGE ANGLE ELEVATION
SCALE: 1:10



4 PLAN - HANDRAIL EXPANSION JOINT
SCALE: 1:5



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED
UNDERGROUND STRUCTURES

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.

No.	REVISIONS	DATE	BY
1	ISSUED FOR ADDENDUM 1	17/10/27	DAN
0	ISSUED FOR TENDER	17/10/13	DAN

MORRISON HERSHFIELD	
DESIGNED BY: TN	CHECKED BY: DAN
DRAWN BY: AH	APPROVED BY: BE
RELEASED FOR CONSTRUCTION	
HOR SCALE: AS SHOWN	VERT SCALE: AS SHOWN
DATE: 17/10/13	DATE: _____

PROFESSIONAL'S SEAL

PROVINCE OF MANITOBA

D.A. NEILSON
Member
37248

REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME
5170563 - DD23&24 - HRL DT.dwg

BID OPPORTUNITY No. 754-2017

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. 24