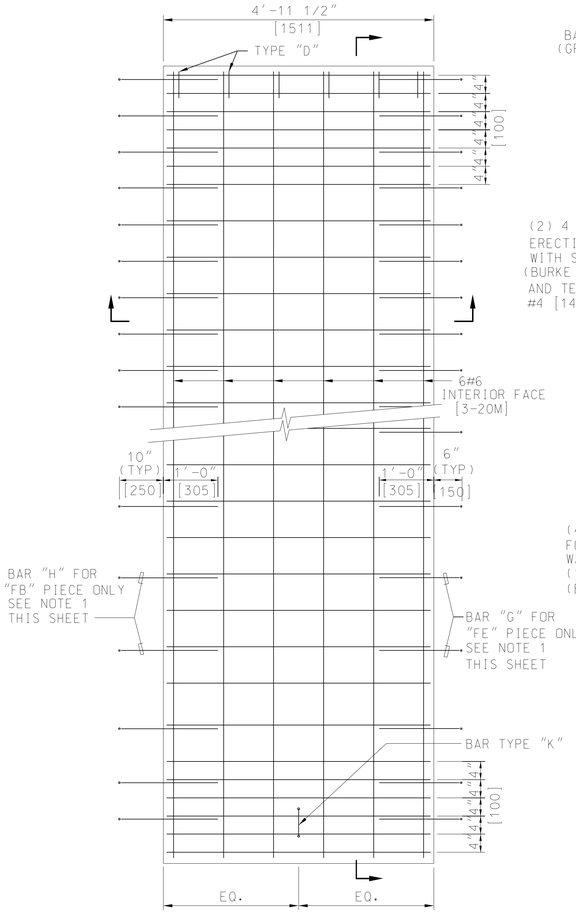
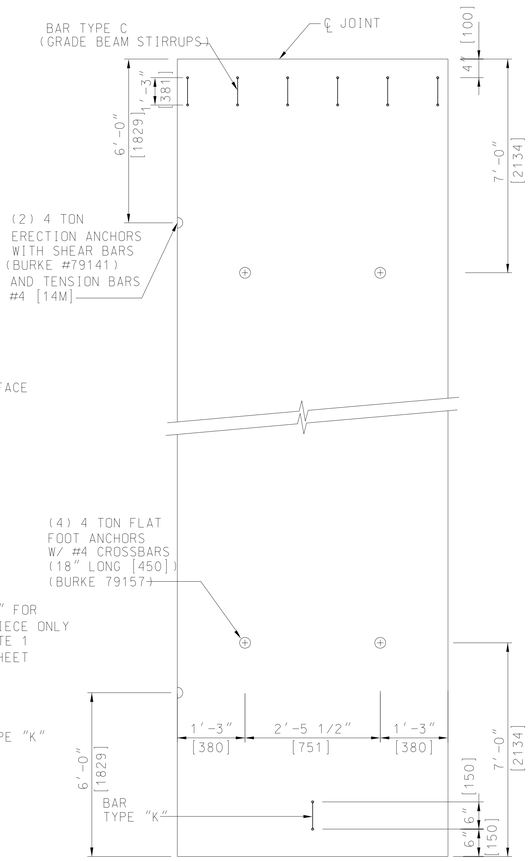
WEIGHT OF AN "F" OR "M" ELEMENT=24,400# [11,000kg]



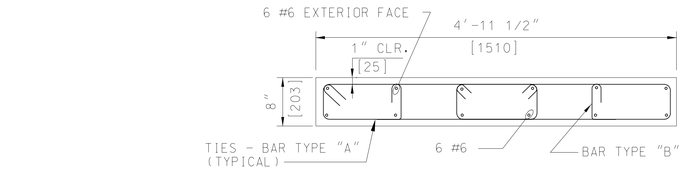
INSIDE FACE
FOR "F" & "M" PIECES

SCALE: 3/4"=1'-0"



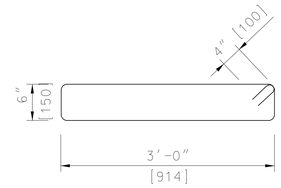
UNFOLDED OUTSIDE FACE
FOR "F" & "M" PIECES

SCALE: 3/4"=1'-0"



SECTION A-A

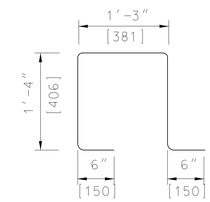
SCALE: 1"=1'-0"



TYPE A

#3 [10M] REBAR

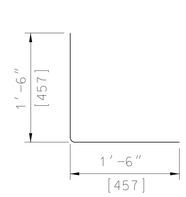
SCALE: 1"=1'-0"



TYPE C

#3 [10M] REBAR

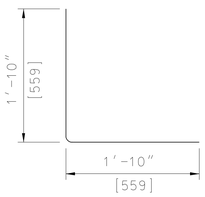
SCALE: 1"=1'-0"



TYPE G

#6 [20M] REBAR

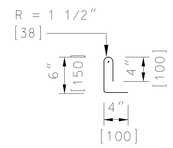
SCALE: 1"=1'-0"



TYPE H

#6 [20M] REBAR

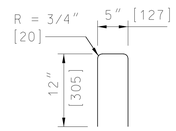
SCALE: 1"=1'-0"



TYPE B

#3 [10M] REBAR

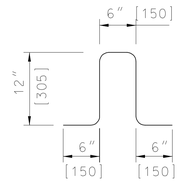
SCALE: 1"=1'-0"



TYPE D

#3 [10M] REBAR

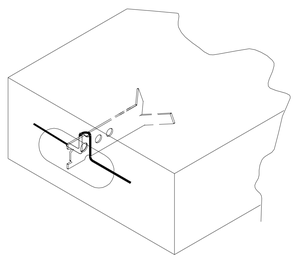
SCALE: 1"=1'-0"



TYPE K

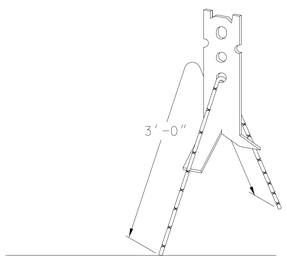
#4 [14M] REBAR

SCALE: 1"=1'-0"



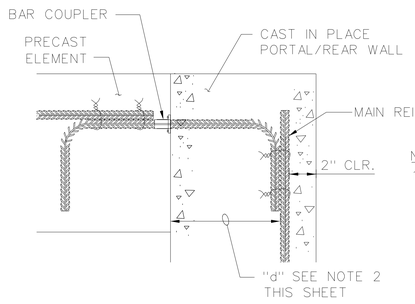
ERECTION ANCHOR W/
SHEAR BAR

N.T.S.



ERECTION ANCHOR W/
TENSION BAR

N.T.S.

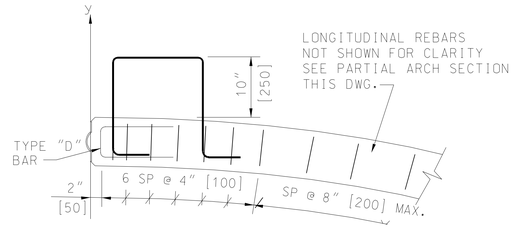


NOTES:

1. AS FORM SAVERS, "DAYTON SUPERIOR DOWEL BAR REPLACEMENT" MAY BE USED IN LIEU OF BARS "G" OR "H"
2. d= 6" [150] AT REAR WALL
   d= 10" [250] AT PORTAL WALL

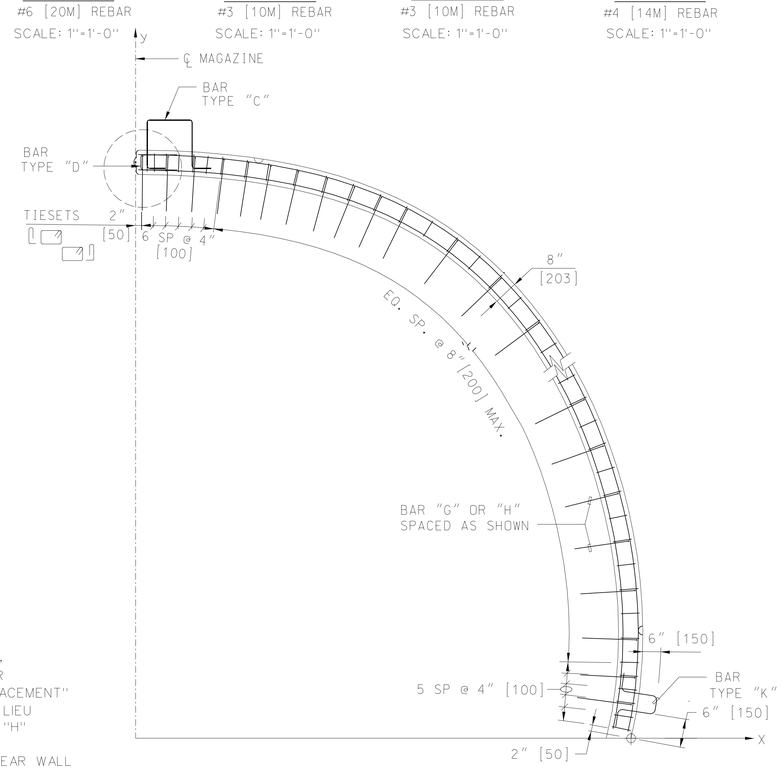
DOWEL BAR REPLACEMENT DETAIL

SCALE: 1/2"=1'-0"



CROWN BEAM DETAIL

SCALE: 1"=1'-0"



ARCH SECTION - "M" PIECE

SCALE: 1/2"=1'-0"

US Army Corps of Engineers

Symbol	Description	Date	Approved	Symbol	Description	Date	Approved

Designed by: Kim Truong
Dwn by: DM/KC
Ckd by: KT
Reviewed by: KT
Submitted by: KT
Date: July 98
Rev.
Design file no. 84217
Drawing code: 421-80-05
File name: 6951S3A.dgn
Plot date:
Plot scale:

U. S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
HUNTSVILLE, ALABAMA

TechSpan ® System

Sheet reference number:
421-80-05
S-3a

6951S3a.DGN