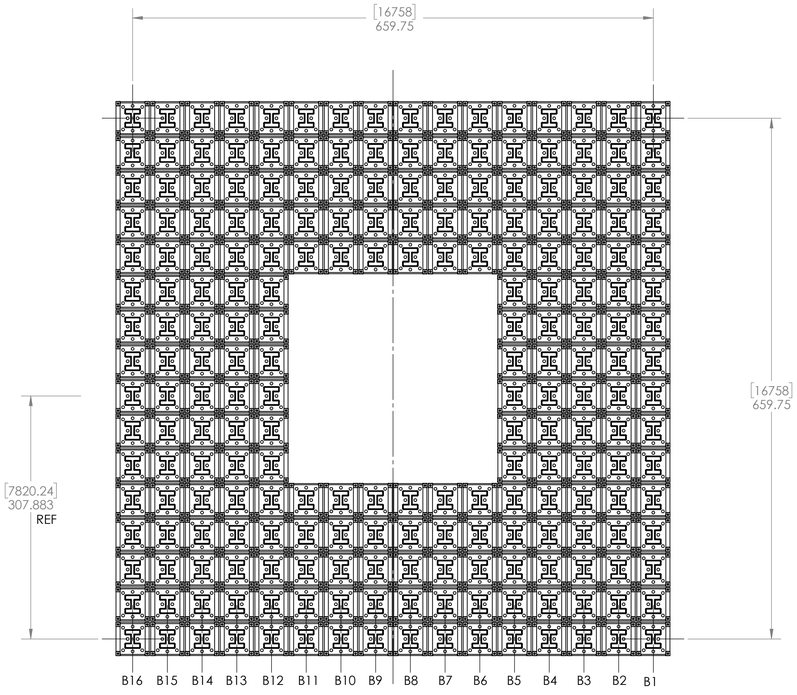
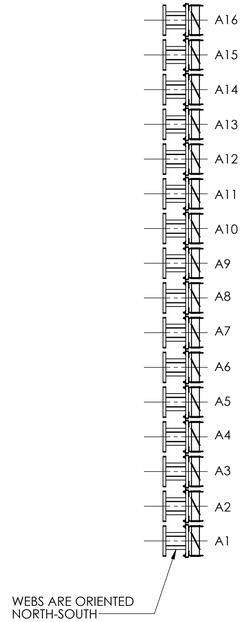
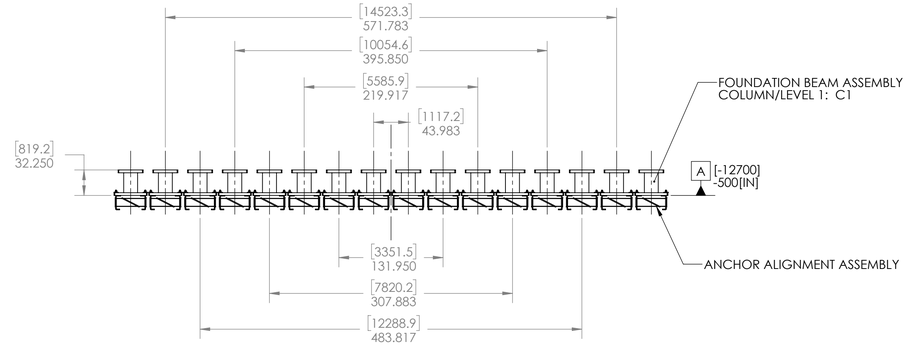
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Beam found 1 asm 20210324 config bottom S	MAIN ASSEMBLY	220
1.1	W14X665 2 20210324 S	BEAM	1
1.2	Plate found W14x665 1 20210324 S	MOUNTING PLATE	1
1.3	Plate found anch bolt asm 1 20210413 S	PLATE/ANCHOR BOLT ASM	1
1.3.1	Plate found W14x665 2 20210413 S	MOUNTING PLATE II	1
1.3.2	Bolt Anchor found 1in 8tpi 1 20210413 S	ANCHOR BOLT/S	4
1.3.2.1	91603A440	HOOK ANCHOR BOLT	1
1.3.2.2	93827A277	HEX NUT/S	2
1.3.2.3	98180A240	WASHER	1
1.3.2.4	Washer plate 1in 1 20210413 S		1
1.3.2.5	Mortar slug 1 20210413 S	AFTER ALINGMENT FIX WITH SLUG	1
1.3.3	Plate found anch bolt align 1 20210413 S		2
1.3.4	Plate found anch bolt align 2 20210415 S		4
1.3.5	Shim pack found 1 20210505 S		4

ITEM NO.	PART NUMBER	DESCRIPTION	WEIGHT [LBF]	QTY.
1	Beam found 1 asm 20210324 config bottom S		926917	220







NOTES:
PRIOR TO ALIGNMENT SET/PREPARE GROUND TO BEDROCK
MINIMUM REQUIRED CONCRETE STRENGTH IS 5[KSI]
SET-IN-PLACE THE ALIGNMENT ANCHOR-HOOK-BOLT/S ASSEMBLIES
POUR CONCRETE PAD FOR ANCHOR-HOOK-BOLT/S ASSEMBLIES
SET-IN-PLACE THE CORNER BEAM AT < 329.875, -500.00, 329.875 >
LEVEL AS REQUIRED
SET-IN-PLACE THE THREE OUTER CORNER BEAMS AND ALIGN
POUR MORTAR/GROUTE ONLY WHEN A LASER IS SEEN THRU
ALL (x16) BEAM/S. LASER MUST PASS THRU ALL (x32) LASER-HOLES
REF B-007, DETAIL-C
SET-IN-PLACE AND ALIGN ALL BEAMS, AS REQ, REF B-003

EXAMPLE AMBIENT TEMP [F]	EXAMPLE AMBIENT TEMP [C]	T6061-T6 dL PER 1000[IN]	T6061-T6 dL PER 1000[mm]
45.00	7.22	-0.183	-4.658
59.00	15.00	0.0	0.0
86.00	30.00	0.354	8.994

EXAMPLE:
LET DIM = 47.125[IN] (TA061-T6)
dL = 0.0000131[86 - 59]47.125
dL = 0.0167[IN] [0.4234[mm]]

AT 86[F] THE DIMENSION OF THE PART IS 47.125 + 0.0167 =47.142[IN]

GALVONIC PROTECTION REQUIRED:
ALUMINIZE TYPE II PREFERED
GALVINIZE G100 ACCEPTABLE
THERMAL SPRAY AS/FOR ASSEMBLED

UNLESS OTHERWISE SPECIFIED:
TOLERANCES:
DIMENSIONS TAKEN AT 59[F]
DIMENSIONS TAKEN AT 15[C]
FRACTIONAL ±0.13[75]
ANGULAR: 0.3[DEC]
TWO PLACE DECIMAL ±0.05[IN]
THREE PLACE DECIMAL ±0.005[IN]
VERIFICATION OF COMPONENTS MUST BE PERFORMED WITH TEMPERATURE COMPENSATION
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5
PARALLEL PLANES MAX 0.002[IN]
FLATNESS MAX 0.002[IN]
FINISH: AS REQUIRED

GAUGES:
DRAWINGS ARE AT 59[F] (15[C]); REFER TO MATERIAL SUPPLIER FOR THERMAL EXPANSION COEFFICIENT [CTE]
dL(ENG) = (DIM)*(CTE)*(-K)*(TEMP-59)
dL(S) = (DIM)*(CTE)*(-K)*(TEMP-15)
***TOLERANCES DO NOT CHANGE

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

CREO DESIGNS, ENG DPT

TITLE: GLORIOUS CROSS

FOUNDATION ROW 1

SIZE	DWG. NO.	REV
D	B - 002	1
SCALE: 1:96		SHEET 1 OF 1