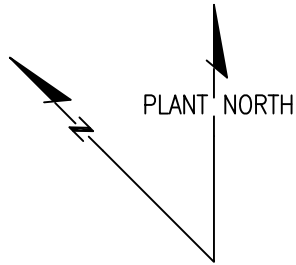
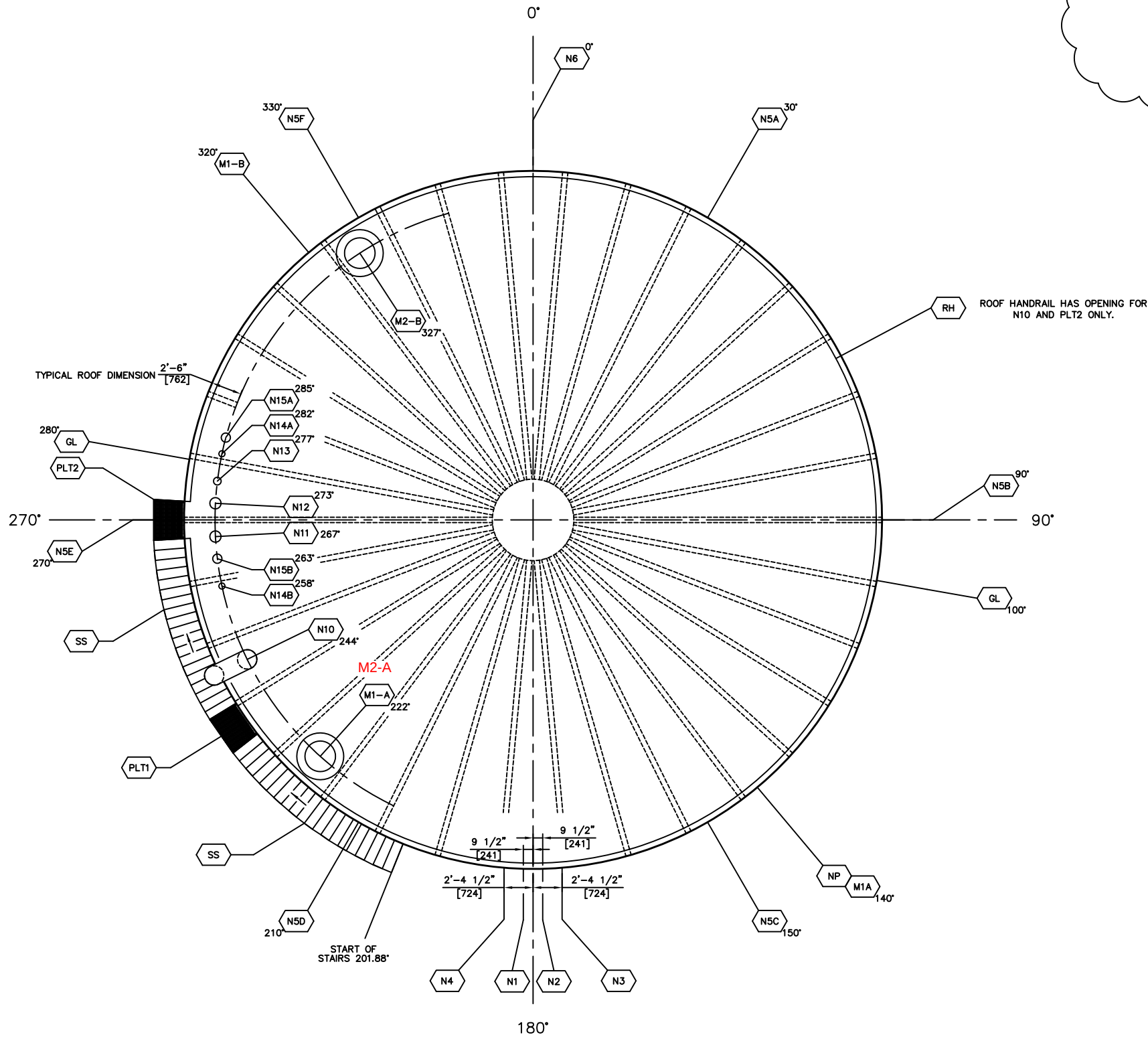


 SNC • LAVALIN	WHALE TAIL INFRASTRUCTURE ENGINEERING PROJECT	 AGNICO EAGLE
	FUEL STORAGE TANK AND CONTAINMENT FACILITIES DESIGN REPORT AND DRAWINGS	

APPENDIX D
DRAWINGS FROM K. BROWN CONTRACTING



NOTE: N14 A-B ANGLE CHANGE TO AVOID RAFTER.



NOTES:
1) ROOF DIMENSIONS ARE HORIZONTAL DISTANCE FROM OUTSIDE SHELL.

ORIENTATION

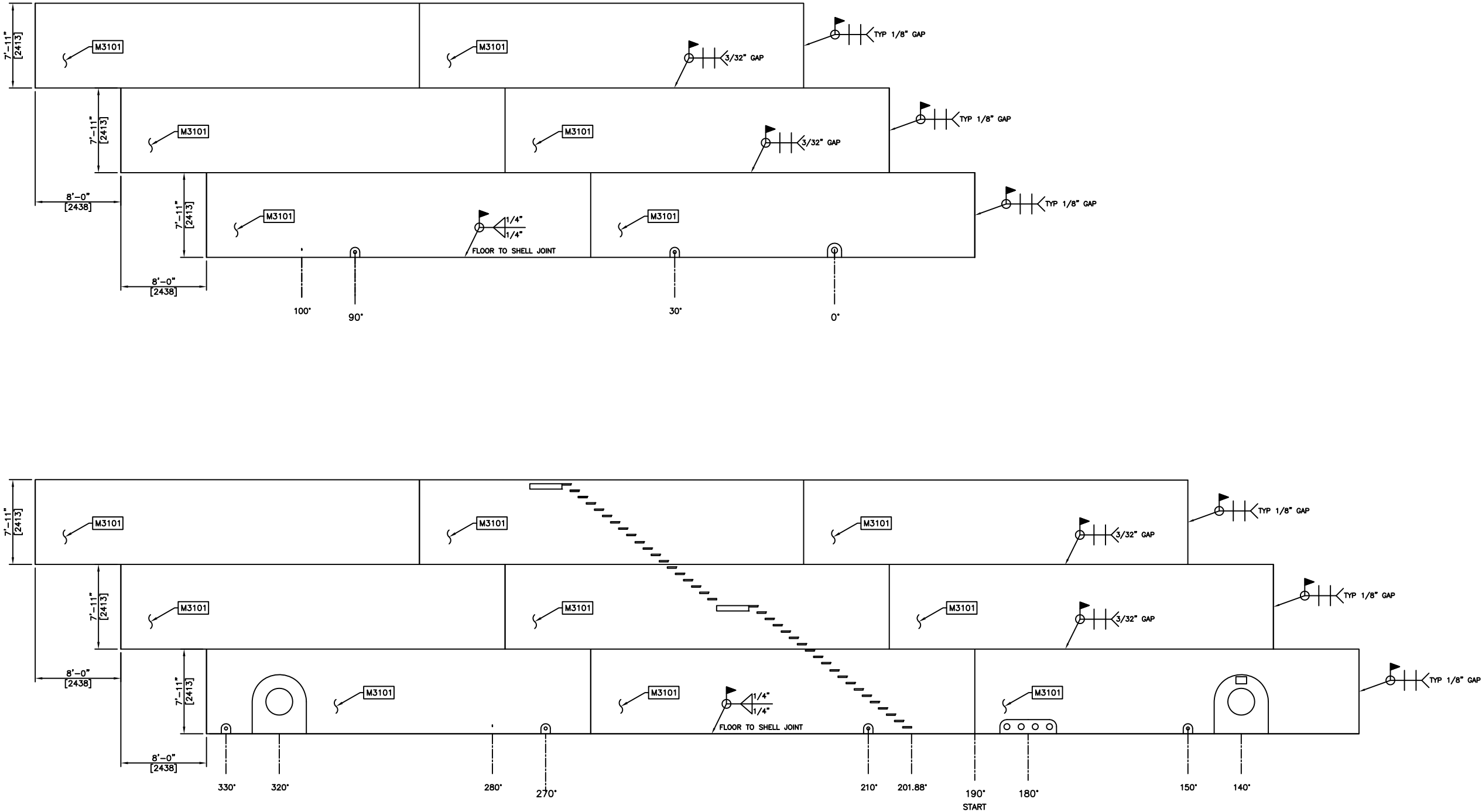
Stamp area containing the signature of Dany Laflamme, project details (DN: cn=Dany Laflamme, Date: 2018.06.04, 12:14:53 -04'00'), and a red signature line.

REV.	DATE	DRWN.	APP'D.	DESCRIPTION
B	31-MAY-18	ME	KB	ISSUED FOR APPROVAL
A	19-MAY-18	ME	KB	ISSUED FOR APPROVAL

K BROWN CONTRACTING LTD.			
GENERAL ARRANGEMENT - ORIENTATION			
AEM AMARUQ 1.5M LITER TANK			
SCALE:	CLIENT:	DWG No	SHEET
3/32" = 1'-0"	MOSHER ENGINEERING	513-M2	2 OF 2
THIS DOCUMENT IS THE SOLE & EXCLUSIVE PROPERTY OF K BROWN CONTRACTING LTD.			

BILL OF MATERIALS					
MARK	QTY.	DESCRIPTION	MATERIAL	MTR	WT #s
M3101	15	PLATE 5/16" THK x 7'-11" x 35'-10 53/64"	G40.21-260WT	YES	3,627 EACH

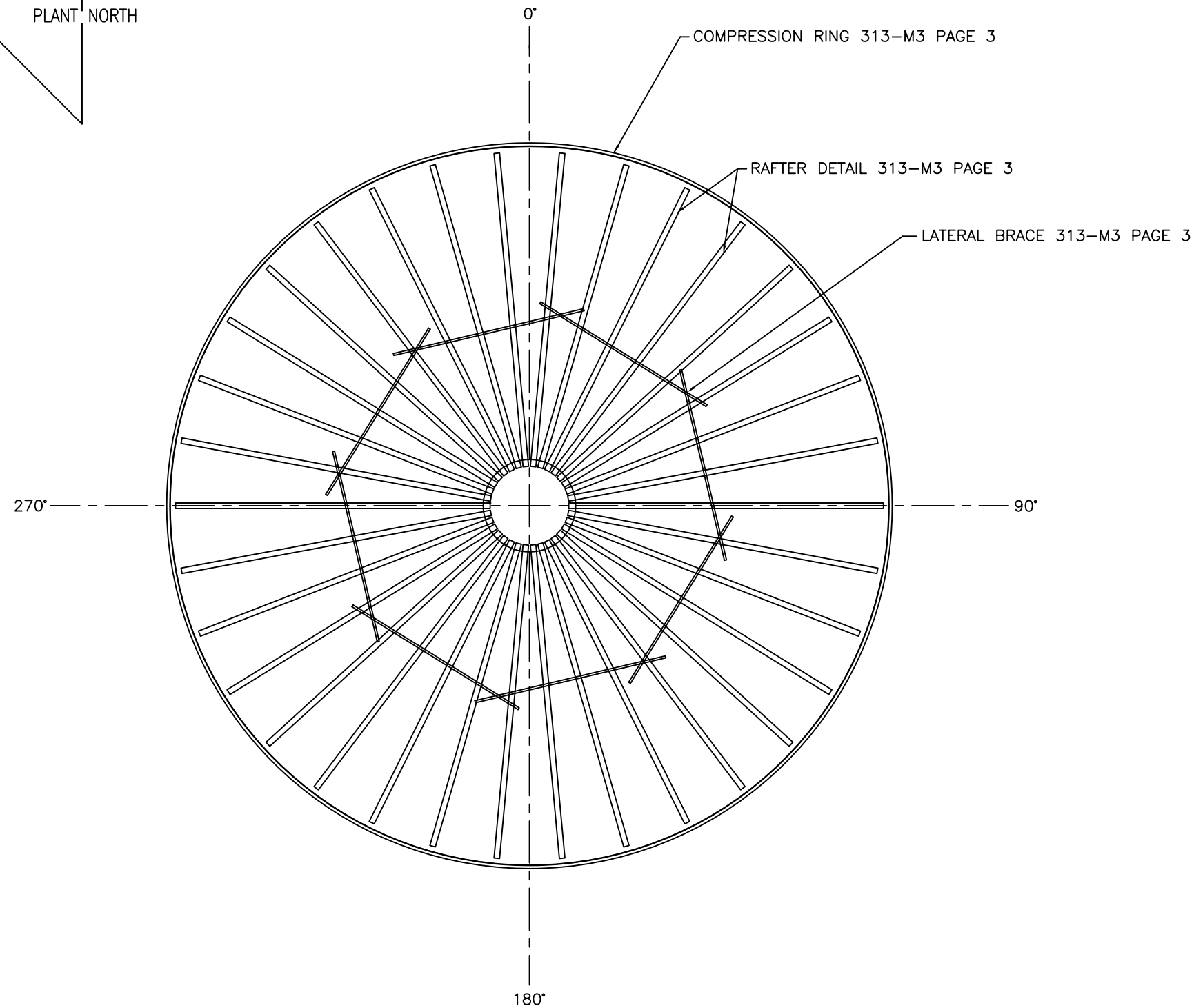
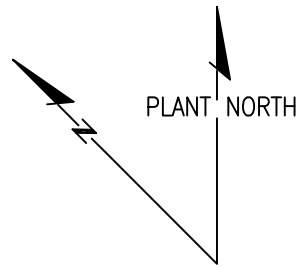
MATERIAL FOR ONE(1) SHOWN, ONE(1) REQUIRED.



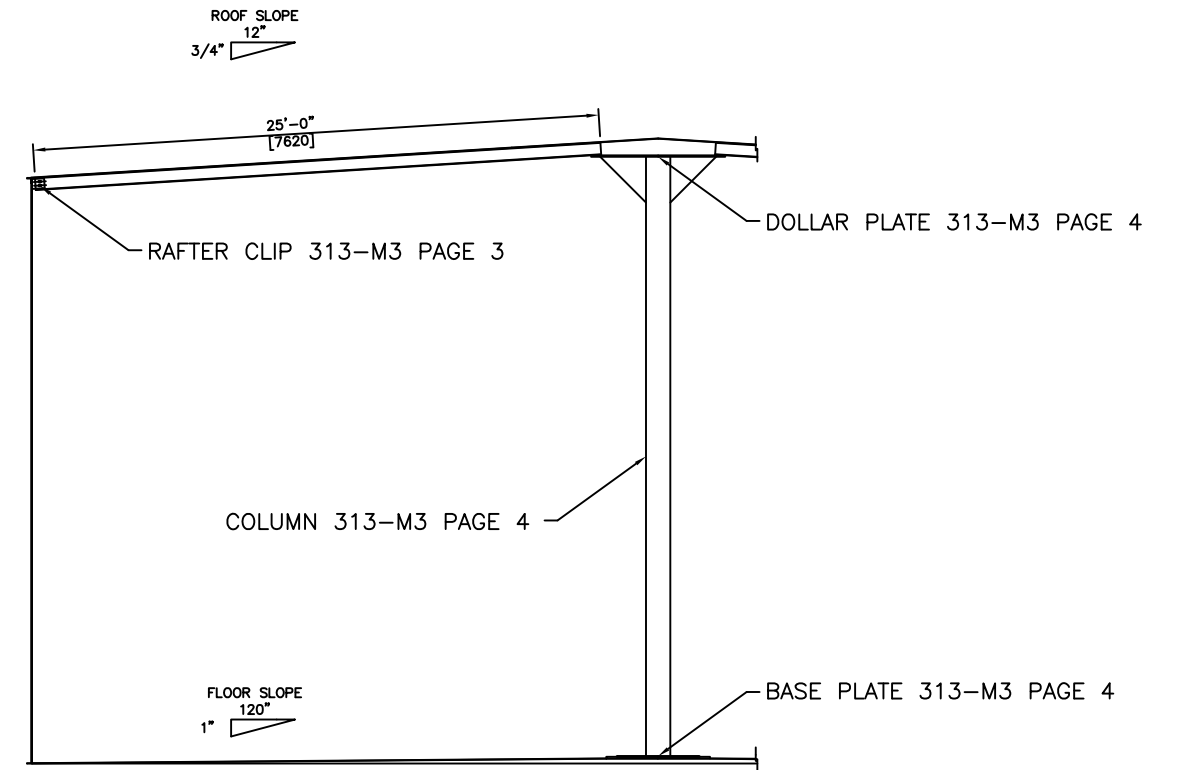
SHELL LAYOUT DETAIL

- NOTES:
- 1) SHELL PLATE DOES NOT REQUIRE SHAPING (ROLLING) PER API-650 FIGURE 6.1.
 - 2) ALL SHELL PLATE SHALL BE API-650 GROUP III SPECIFICATIONS, 260W FK&FG.
 - 3) ALL SHELL PLATE SHALL BE STACKED WITH COMMON CENTER LINE.
 - 4) THE INITIAL INSIDE WELD PASS OF THE SHELL TO FLOOR JOINT SHALL HAVE ALL SLAG REMOVED FROM THE SURFACE OF THE WELD AND EXAMINED FOR ITS ENTIRE CIRCUMFERENCE BOTH VISUALLY AND MPI.
 - 5) RT EXAMINATION OF FULL PENETRATION SQUARE BUTT WELDS, REFER TO RT STRETCH OUT DRAWING.
 - 6) THE REVERSE SIDE OF DOUBLE WELDED SQUARE BUTT JOINTS SHALL BE THOROUGHLY CLEANED BY GRINDING BEFORE WELDING.

STAMP Dany Laflamme Signature numérique de Dany Laflamme DN : cn=Dany Laflamme Date : 2018.05.24 10:56:13 -04'00'					K BROWN CONTRACTING LTD.						
					DWG TITLE SHELL PLATE DETAIL						
					PROJECT AEM AMARUQ 1.5M LITER TANK						
					SCALE: 3/32" = 1'-0"		CLIENT: MOSHER ENGINEERING		DWG No 313-M3	SHEET 1 OF 4	Rev. A
					REVISIONS						
					THIS DOCUMENT IS THE SOLE & EXCLUSIVE PROPERTY OF K BROWN CONTRACTING LTD.						



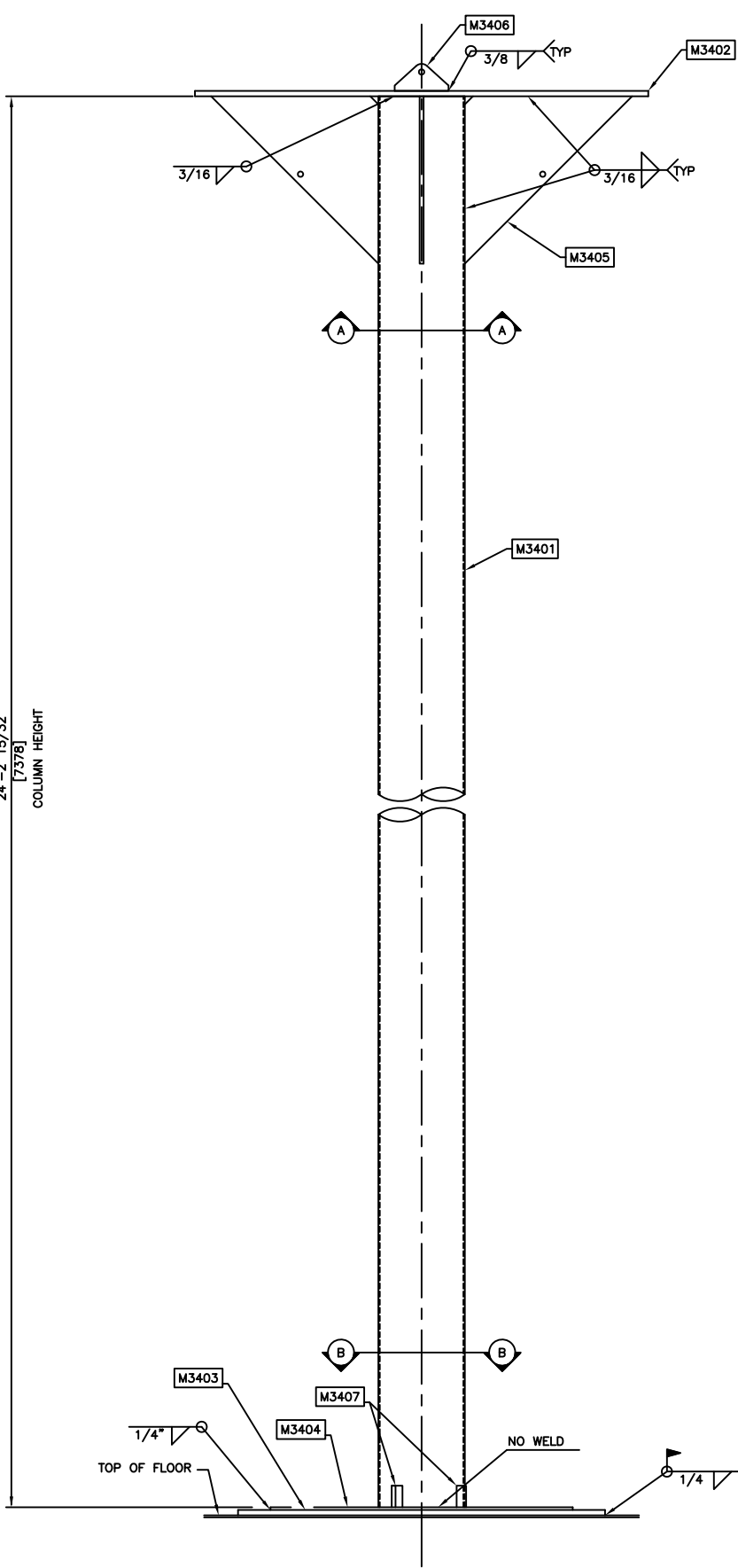
ORIENTATION VIEW



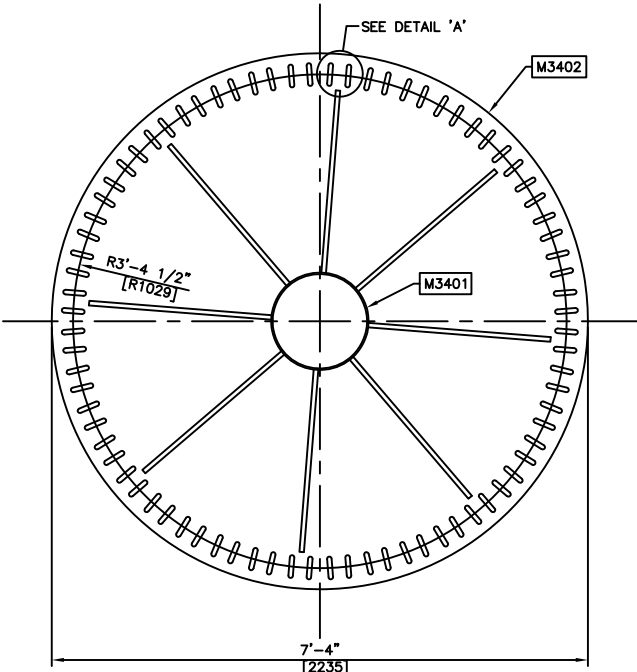
ELEVATION VIEW

NOTES:
1) ROOF PLATE SHALL NOT BE WELDED TO THE RAFTERS.

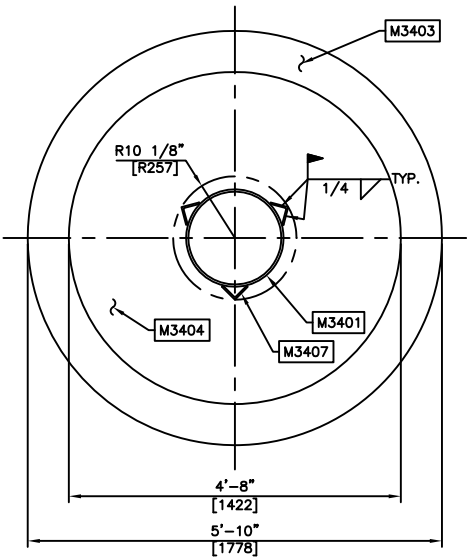
STAMP				K BROWN CONTRACTING LTD.			
Signature numérique de Dany Laflamme DN : cn=Dany Laflamme Date : 2018.05.24 10:56:49 -04'00'				DWG TITLE RAFTER AND COLUMN LAYOUT			
				PROJECT AEM AMARUQ 1.5M LITER TANK			
A 21-MAY-18 ME KB ISSUED FOR APPROVAL				SCALE: 3/32" = 1'-0"	CLIENT: MOSHER ENGINEERING	DWG No 313-M3	SHEET 2 OF 4
REV.	DATE	DRWN	APP'D.	DESCRIPTION	Rev. A		
				REVISIONS	THIS DOCUMENT IS THE SOLE & EXCLUSIVE PROPERTY OF K BROWN CONTRACTING LTD.		



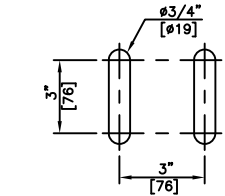
CENTRE COLUMN – ELEVATION VIEW



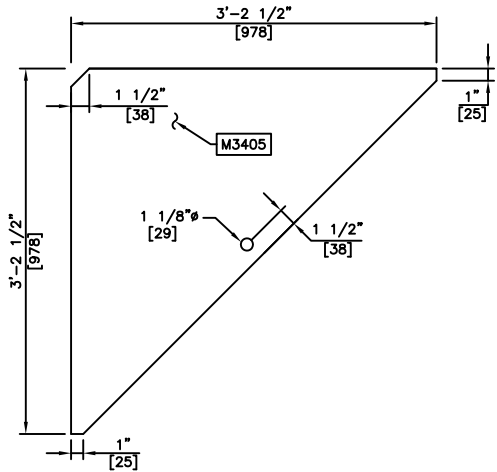
VIEW A-A – DOLLAR PLATE DETAIL



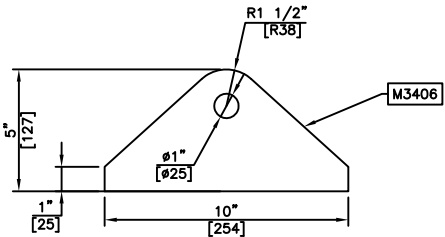
VIEW B-B – BASE PLATE DETAIL



DETAIL 'A'
TYPICAL (40) LOCATIONS EQUALLY SPACED



GUSSET DETAIL
2X's DRAWING SCALE



LIFT LUG DETAIL
4X's DRAWING SCALE

BILL OF MATERIALS					
MARK	QTY.	DESCRIPTION	MATERIAL	MTR	WT #s
M3401	1	PIPE 16"Ø 0.375 WALL x 24'-2 15/32" LG	A-500C	NO	1520
M3402	1	PLATE 1" THK x 7'-4" OD	G40.21-260W	NO	1725
M3403	1	PLATE 1" THK x 5'-10" OD	G40.21-260W	NO	1091
M3404	1	PLATE 3/4" THK x 4'-8" OD	G40.21-260W	NO	524
M3405	8	PLATE 3/8" THK x 3'-2 1/2" WD x 3'-2 1/2" LG	G40.21-260W	NO	630
M3406	1	PLATE 1/2" THK x 5" WD x 10" LG	G40.21-260W	NO	5
M3407	3	ANGLE 3" x 3" x 1/4" – 6" LG	G40.21-300W	NO	10
TOTAL WEIGHT					5505 LBS

MATERIAL FOR ONE(1) SHOWN, ONE(1) REQUIRED.

- NOTES:
- 1) ALIGN CENTER COLUMN DOLLAR PLATE SLOTS TO RAFTER LAYOUT.
 - 2) BASE PLATE DESIGNED TO A SOIL BEARING CAPACITY OF 30 PSI.

STAMP Dany Laflamme Signature numérique de Dany Laflamme DN : cn=Dany Laflamme Date : 2018.05.24 10:57:51 -04'00'					K BROWN CONTRACTING LTD.			
					DWG TITLE COLUMN DETAILS			
					PROJECT AEM AMARUQ 1.5M LITER TANK			
					SCALE: 3/8" = 1'-0"			
REV.	DATE	DRAWN	APP'D.	DESCRIPTION	CLIENT: MOSHER ENGINEERING	DWG No 308-M3	SHEET 4 OF 4	Rev. A
REVISIONS					THIS DOCUMENT IS THE SOLE & EXCLUSIVE PROPERTY OF K BROWN CONTRACTING LTD.			



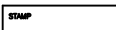
STAIR ORIENTATION

ELEVATION AT BOTTOMELEVATION AT PLATFORM STARTELEVATION AT PLATFORM END[illegible]

MATERIAL FOR ONE(1) SHOWN, ONE(1) REQUIRED.

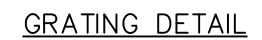
NOTES:

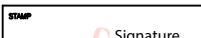
- NOTES:
- 1) NO MID RAIL OR TOE RAIL ON THE STAIR RAILING.
 - 2) STAIR DESIGN LIMITED TO 400 LBS WORKING LOAD PER STAIR.
 - 3) STAIR TREADS C/W END PLATE ON BOTH SIDES.

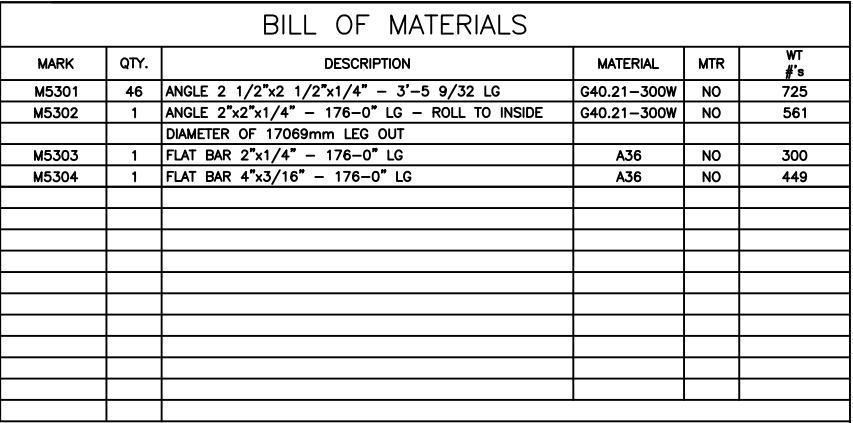
 Signature numérique de Dany Laflamme DN : cn=Dany Laflamme Date : 2018.05.24 10:58:23 -04'00'						K BROWN CONTRACTING LTD.					
							DWG TITLE STAIRWAY DETAIL				
							PROJECT AEM AMARUQ 1.5M LITER TANK				
	A	21-MAY-18	ME	KB	ISSUED FOR APPROVAL		SCALE:	CLIENT:	DWG No	SHEET	Rev.
REV.	DATE	DRAWN	APP'D.	DESCRIPTION		3/8" = 1'-0"	MOSHER ENGINEERING	313-M5	1 OF 3	A	
REVISIONS							THIS DOCUMENT IS THE SOLE & EXCLUSIVE PROPERTY OF K BROWN CONTRACTING LTD.				



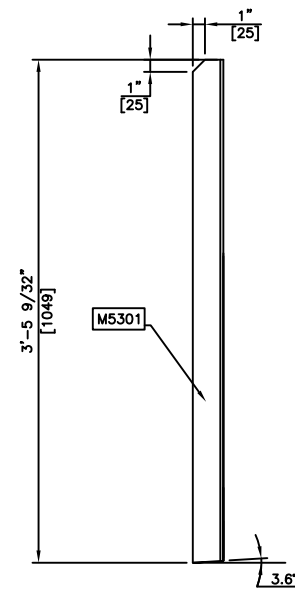
MATERIAL FOR ONE(1) SHOWN, TWO(2) REQUIRED.



 Signature numérique de Dany Lafamme DN : cn=Dany Lafamme Date : 2018.05.24 10:58:48 -04'00'						K BROWN CONTRACTING LTD.					
							DWG TITLE PLATFORM DETAIL				
							PROJECT AEM AMARUQ 1.5M LITER TANK				
							SCALE: 3/4" = 1'-0"				
							CLIENT: MOSHER ENGINEERING		DWG No 313-M5	SHEET 2 OF 3	Rev. A
							THIS DOCUMENT IS THE SOLE & EXCLUSIVE PROPERTY OF K BROWN CONTRACTING LTD.				



MATERIAL FOR ONE(1) SHOWN, ONE(1) REQUIRED.



M5301 DETAIL

SIDE ELEVATION VIEW

NOTES:
1) TAPER BOTTOM OF M5301 TO MATCH ROOF PLATE SLOPE.

STAMP Signature numérique de Dany Laflamme DN : cn=Dany Laflamme Date : 2018.05.24 10:59:18 -04'00'							K BROWN CONTRACTING LTD.							
								DWG TITLE 360° ROOF HANDRAIL						
								PROJECT AEM AMARUQ 1.5M LITER TANK						
								SCALE: 3/4" = 1'-0"		CLIENT: MOSHER ENGINEERING		DWG No 313-M5	SHEET 3 OF 3	Rev. A
	A	21-MAY-18	ME	KB	ISSUED FOR APPROVAL									
	REV.	DATE	DRAWN	APP'D.	DESCRIPTION									
	REVISIONS							THIS DOCUMENT IS THE SOLE & EXCLUSIVE PROPERTY OF K BROWN CONTRACTING LTD.						