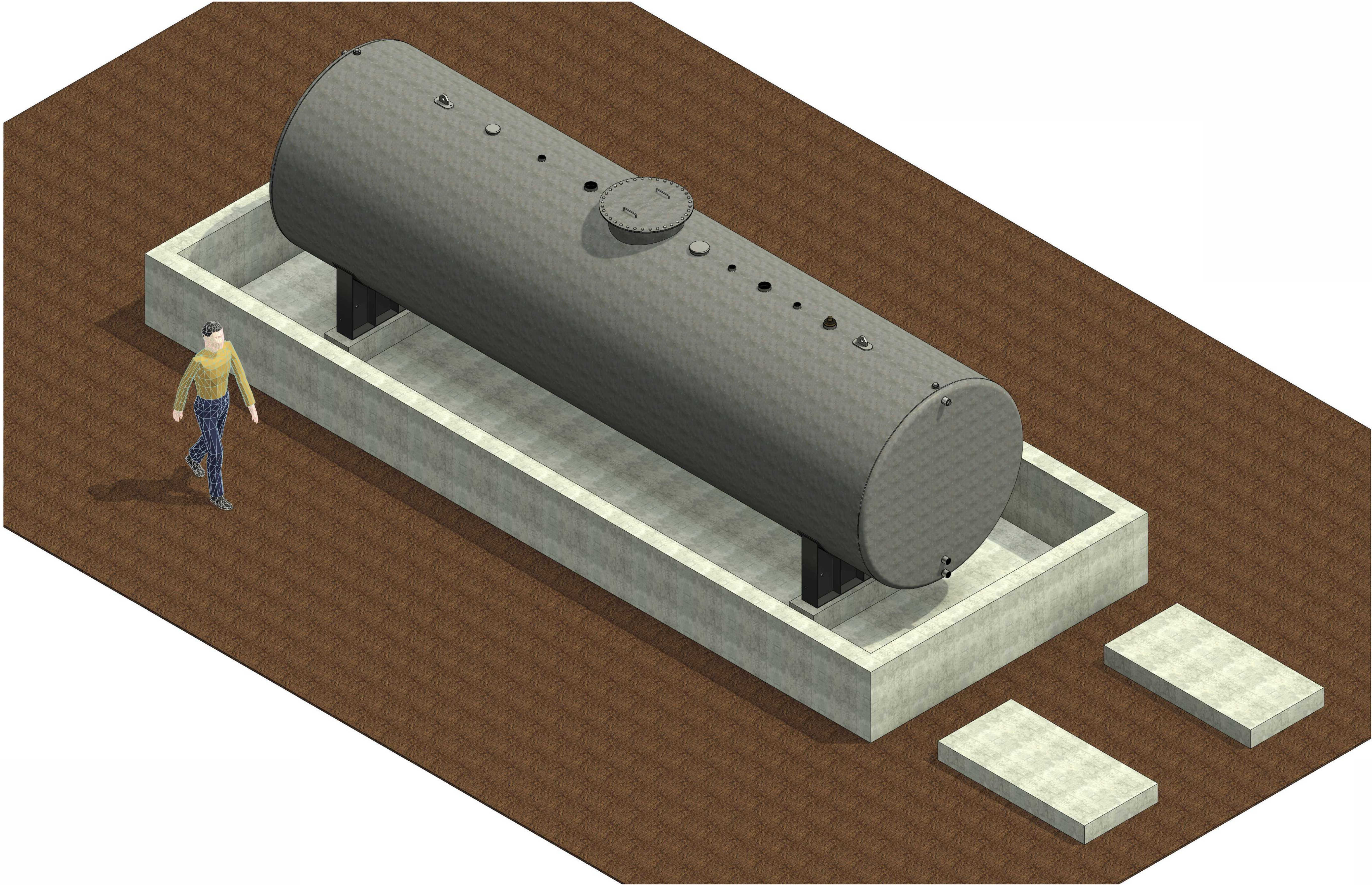




1 3D

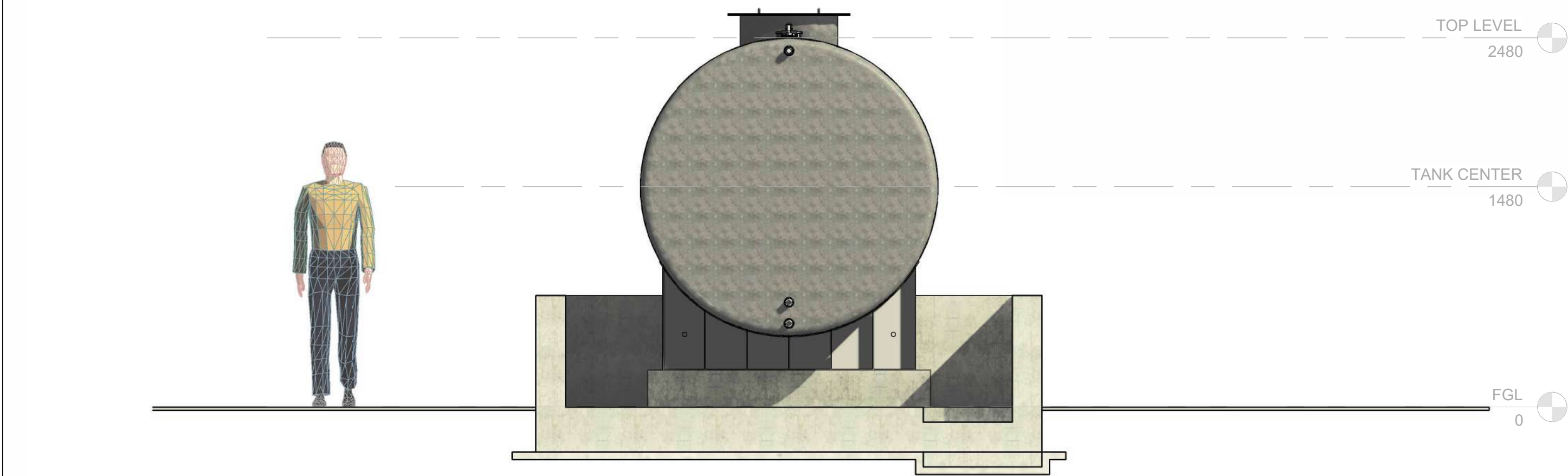
- NOTES:-**
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED
 2. ALL WELDS TO BE 4MM. CONTINUES FILLET WELD UNLESS OTHERWISE SPECIFIED
 3. SURFACE TREATMENT & COATING:
INTERNAL FINISH - METAL FINISH
EXTERNAL FINISH - 2 COATS BITUMINOUS PAINT OR OIL PAINT
 4. HANDLING AND TRANSPORTATION:
TRANSPORTATION SUITABLE CRADLES SHALL BE PROVIDED TO PROTECT THE PAINTING
TO BE HANDLED CAREFULLY TO PROTECT THE EXTERNAL COATING DURING
 5. ALL BUT JOINT OF LONG SEAM AND CIRCULAR SEAM BETWEEN DISTANCE AS PER UL142

DESIGN DATA SHEET	
MAKE:	BASIA CONTRACTING - SUNDIAL ARABIA
DESIGN CODE:	UL-142 / UL-2085 AND FIREGUARD AS PER s11
TYPE OF TANK:	ABOVE GROUND - FIREGUARD DOUBLE WALL - HORIZONTAL CYLINDRICAL
DESIGN PRESSURE (MAX.):	ATMOSPHERIC
DESIGN TEMPERATURE:	AMBIENT
VACUUM:	NIL
MANHOLE:	AS PER UL-142
CORROSION ALLOWANCE:	NIL
TEST PRESSURE (PNEUMATIC):	AS PER AS UL-142 (5 PSIG)
RADIOGRAPHY:	AS PER AS UL-142
TANK OUTER DIAMETER (OUTSIDE) :	2,000 MM
TANK OUTER LENGTH (EDGE TO EDGE):	7,300 MM
TANK INNER DIAMETER (OUTSIDE) :	1,700 MM
TANK INNER LENGTH (EDGE TO EDGE):	7,000 MM
THICKNESS INNER:	8 MM
THICKNESS OUTER:	8 MM
GROSS CAPACITY:	15,880 MM
NET CAPACITY (LIQUID):	15,000 MM
EMPTY WIGHT OF TANK:	7,700 Kgs. (APPROX.)
SPECIFIC GRAVITY:	1.0
CONSTRUCTION INNER:	CS LAP WELD OUTSIDE ONLY
CONSTRUCTION OUTER:	CS LAP WELD OUTSIDE ONLY
TANK TEST (INNER/OUTER):	5 PSIG
INTERNAL FINISH:	NONE
EXT. FINISH:	SP-8 BLAST, FINISH PAINT WHITE
QTY.:	ONE
LABEL:	NONE

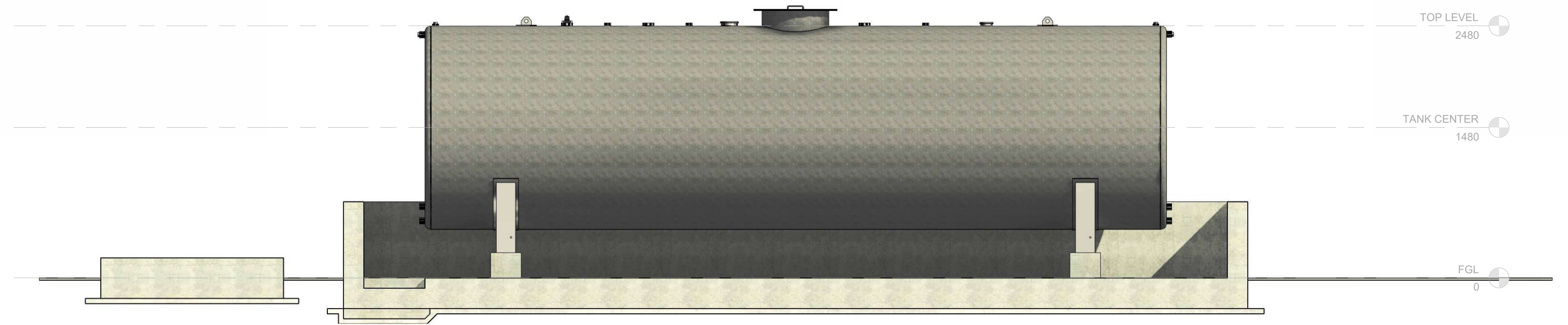
MATERIALS OF CONSTRUCTION	
PLATES SHELL/FLAT ENDS	ASTM A36 / EN10025 S275JR / BS 4360 GR.43A / EQ.
PIPES (NOZZLES)	ASTM A106 GR.B / API 5L GR.B
B/W FITTINGS	ASTM A234 GR.B / ASTM A106 GR.B
THREADED FITTINGS - COUPLING & PLUG	ASTM A105-3000NPT
HEX. BOLTS, NUTS & WASHERS	ASTM A193 GR.B7, A194 2H, F436
BOLTS, NUTS & WASHERS	GR.8.8 / EQ.
GASKET CLASS 150 PSI ANSI	CAF
STRUCTURAL STEEL	BS 4360 GR.43A / A36 / EQ.

NOZZLE SCHEDULE								
SERVICE	LOCATION	ORIENT.	SIZE	QTY.	RATING	TYPE	MATERIAL	REMARKS
PLUGGED PIPES	EXT. SHELL	0	2"	2	3000	COUPLING	A105	
SPARE MONITOR	EXT. SHELL	0	2"	1	3000	COUPLING	A105	
FILL LINE	INT. SHELL	0	4"	1	3000	COUPLING	A105	
RETURN	INT. SHELL	0	2"	1	3000	COUPLING	A105	
SPARE	INT. SHELL	0	4"	1	3000	COUPLING	A105	
MONITOR	INT. SHELL	0	2"	1	3000	COUPLING	A105	
LEVEL GAUGE	INT. SHELL	0	4"	1	3000	COUPLING	A105	
EMERGENCY VENT	INT. SHELL	0	6"	1	3000	COUPLING	A105	
EMERGENCY VENT	EXT. SHELL	0	6"	1	3000	COUPLING	A105	
SUPPLY	INT. HEAD	180	2"	2	3000	COUPLING	A105	
INTERSTITIAL LEAK SENSOR	INT. HEAD	180	2"	2	3000	COUPLING	A105	
PLUGGED PIPES	EX. HEAD	180	2"	2	3000	COUPLING	A105	
MANHOLE	EXT. SHELL	0	26"	1	3000	COUPLING	A105	

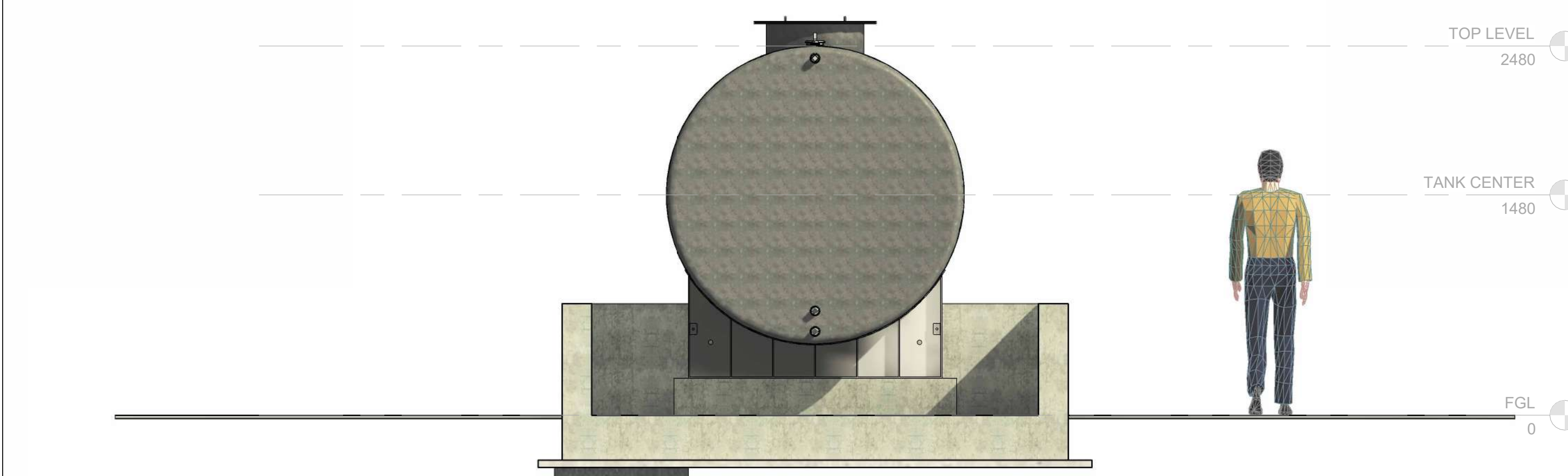
EMPLOYER	CLIENT	CONTRACTOR	REVISION HISTORY				 Basia Contracting www.basia.com	GENERAL NOTES • ALL MEASUREMENT ARE IN METERS,UNLESS OTHERWISE SPECIFIED. • ALL MANHOLES FINISH GRADE LEVELS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED. • ALL PIPES INVERT LEVELS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED. • ALL DIMENSIONS LINES ARE IN MILLIMETERS. • FOR OIL WATER SEPARATOR TREATED FLOW CAPACITY REFER TO OIL WATER SEPARATOR DESIGN REPORT # 1A116080-080C01-RBU-RPT-Cl-0007-03 LEGEND:	PROJECT NAME		PROJECT STAGE		DRAWING TITLE											
			15K DOUBLE WALL TANK		FOR APPROVAL				3D VIEW A101															
			PROJECT DESCRIPTION		DISCIPLINE																			
			BUILDING NAME		SCALE														1 : 10					
					DATE				2023-02-27															
					PROJECT NUMBER				AB119		DRAWN BY		KN											
					DRAWING STATUS				FOR APPROVAL		CHECKED BY		FS											
											APPROVED BY		YM											



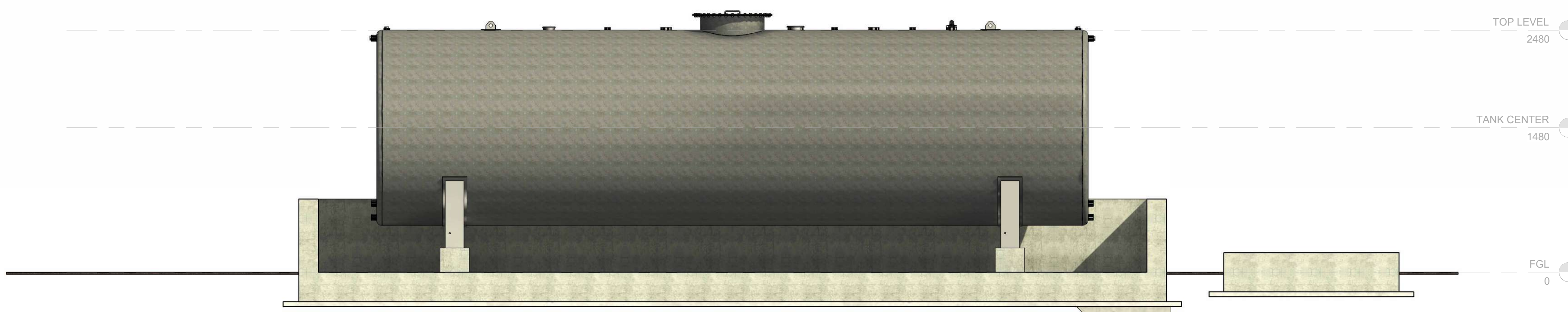
1 East View
1 : 25



2 North View
1 : 25

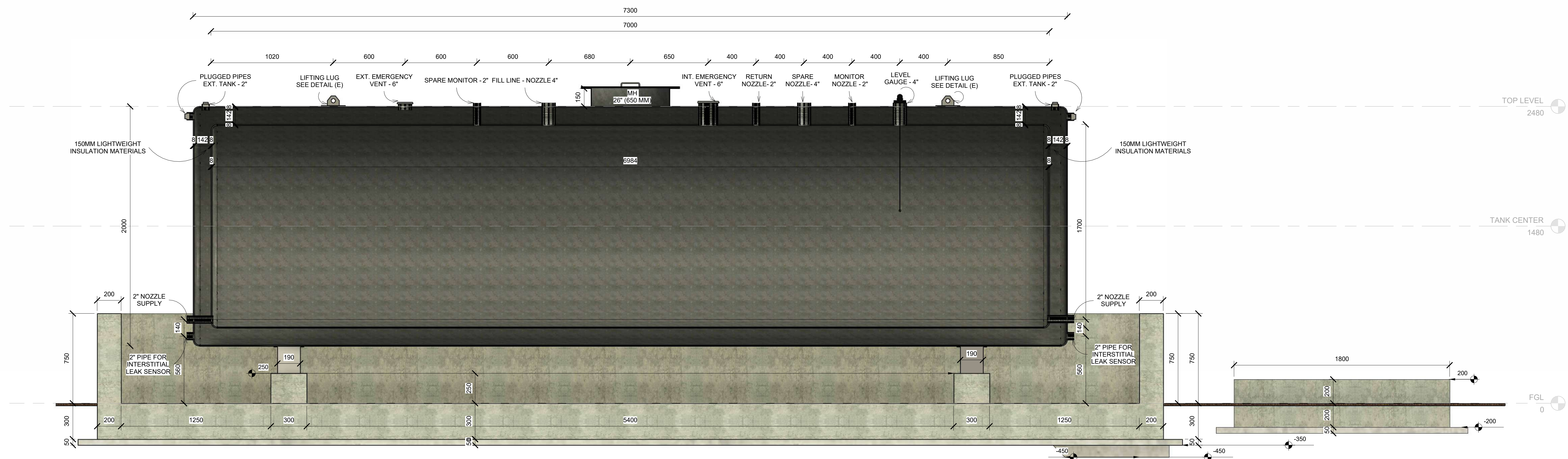


3 West View
1 : 25

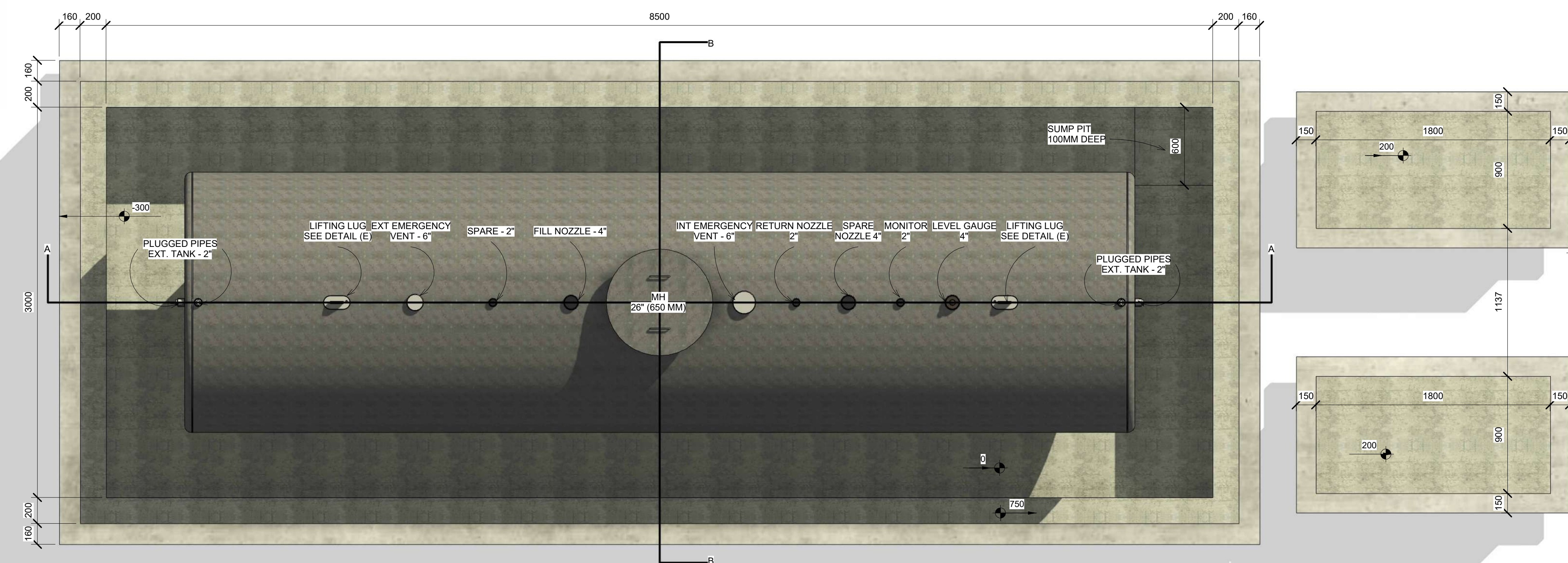


4 South View
1 : 25

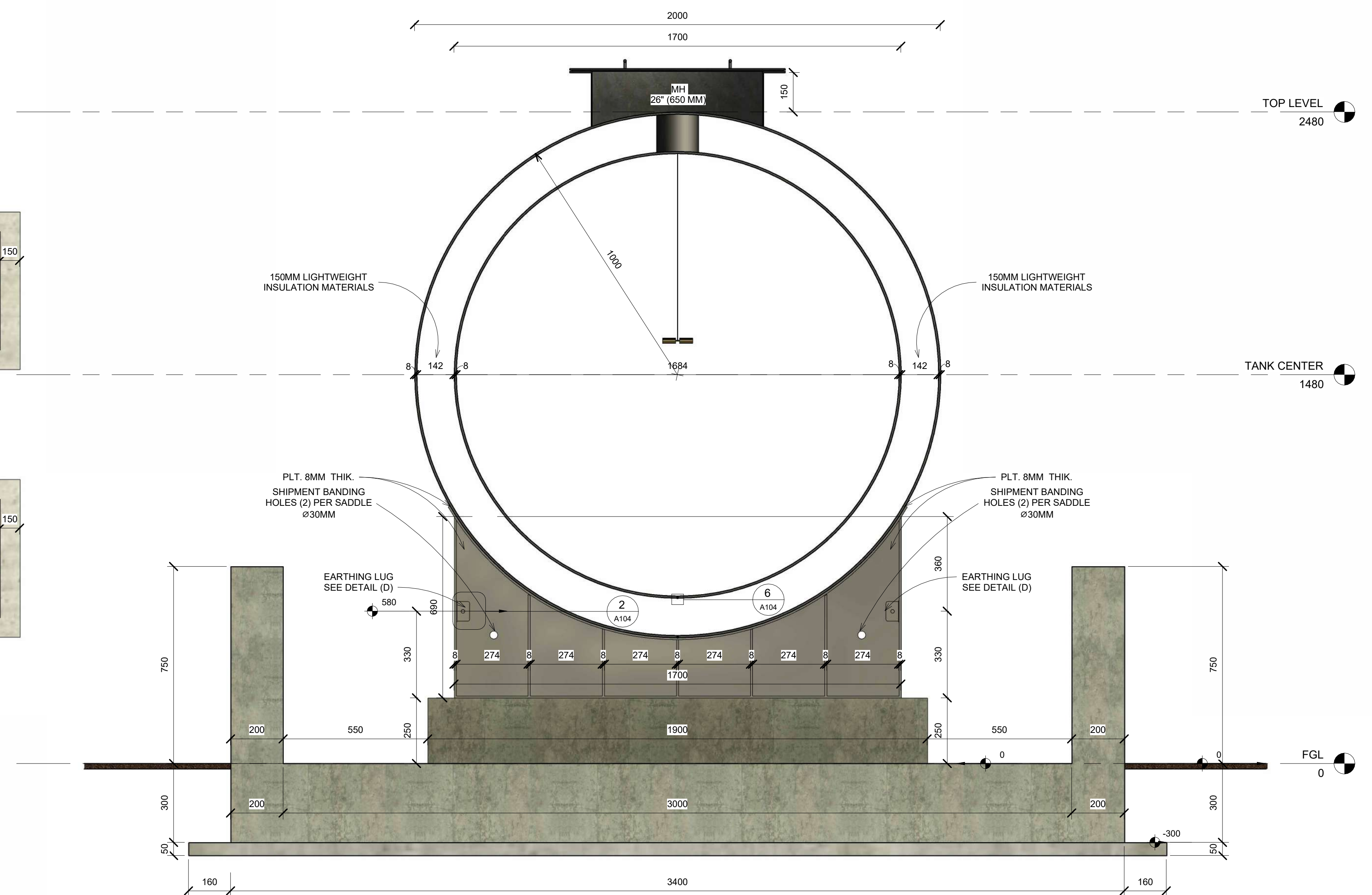
EMPLOYER	CLIENT	CONTRACTOR	REVISION HISTORY				VENDOR	
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1 Section A
1 : 15

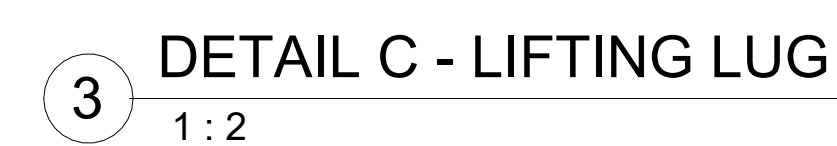


2 TOP PLAN
1 : 20



3 Section B
1 : 10

EMPLOYER	CLIENT	CONTRACTOR	REVISION HISTORY				VENDOR	GENERAL NOTES		PROJECT NAME	PROJECT STAGE		DRAWING TITLE	
								15K DOUBLE WALL TANK		FOR APPROVAL				
								PROJECT DESCRIPTION		DISCIPLINE				
								BUILDING NAME		SCALE				
										As indicated				
								DATE		2023-02-27				
								PROJECT NUMBER		DRAWN BY				
								AB119		KN				
								CHECKED BY		FS				
								DRAWING STATUS		APPROVED BY				
						YM								
				FOR APPROVAL										

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