NOZZLE DATA									
MARK	NPS	FLANGE CLASS AND FACE	PROJECTION FROM O.D.	ELEVATION /U/S TANK=0)	tr(mm)	tn(mm)	Ør(mm)	QTY	SERVICES/REMARKS
1	100	PN10 SLIP ON EN 1092-1 FF	550	64	6	8,56	305	1	DRAIN
2	300	PN10 SLIP ON EN 1092-1 FF	385	3150	6	12,7	685	1	OVERFLOW
3	900	COVER PLATE 15mm	260	1080	6	6	1850	1	MANHOLE

PLAN VIEW
1 : 20

DETAIL 2
1 : 7

VIEW DETAIL 2
1 : 7

DETAIL 3
1 : 7

VIEW DETAIL 3
1 : 7

PLAN VIEW DETAIL 3
1 : 7

PLAN VIEW DETAIL 1
1 : 7

DETAIL 4
1 : 7

DETAIL 5
1 : 10

VIEW A
1 : 20

DETAIL 1
1 : 7

VIEW DETAIL 1
1 : 7

SECTION 1-1
1 : 20

VIEW C
1 : 20

SECTION 2-2
1 : 20

Notes:

1.) AGITATOR VENDOR SELECTION IS PENDING. AGITATOR DATA AND DETAILS TO BE CONFIRMED. BAFFLES DESIGN SHOWN IS FOR QUOTATION PURPOSES ONLY, NOT FOR CONSTRUCTION, AND SHALL BE UPDATED ACCORDING WITH AGITATOR VENDOR SPECIFICATION PRIORI FABRICATION.
2.) ALL MEMBERS TO BE S275JR STEEL.
3.) BOLT GRADE 8.8 SPUN GALVANIZED. WASHER BOTH SIDES AND DOUBLE NUT.
4.) ANCHOR BOLTS THREADED BAR TO BE GRADE 8.8 GALVANIZED, EITHER FIXED WITH WASHER AND DOUBLE NUT IF TANK SUPPORTED ON STEEL STRUCTURE OR ANCHORED TO CONCRETE BY RESIN.
5.) THE TANK SHALL BE WORKSHOP WELDED SUCH THAT THE LARGEST SINGLE ITEM TO BE TRANSPORTED TO SITE SHALL BE NO MORE THAN 2.5m WIDE AND 12m LONG FOR TRANSPORT. BIGGER ITEMS SHALL BE ASSEMBLED ON SITE BY WELDING. ALTERNATIVE ADDITIONAL BOLTED JOINTS CAN BE PROPOSED BY MANUFACTURER UNDER RMG DESIGN APROVAL.
6.)WELDING INSPECTION PLAN TO BE ACCORDING WITH RMG PROCEDURE.
7.) CORROSION PROTECTION ACCORDING WITH DIN EN ISO 12944 C5-I ENVIRONMENT AND EXPECTED PLANT LIFE.
8.) TANK INTERIOR, BAFFLES AND NOZZLES TO BE RUBBER LINED WITH 6mm THK. NATURAL GUM RUBBER.
9.) XS PIPE ACCORDING TO API 650.
10.) MANHOLE SHALL BE FABRICATED IN ACCORDANCE OF EITHER API 650 OR EN-14015-2005 STD.
11.) SUPPORT SLAB MUST INCLUDE ADDITIONAL STEEL BRACKET FOR TANK ANCHOR POINT, BY CIVIL WORK DESIGNER
12.) ANCHOR LENGTH TO BE DEFINED BY CIVIL WORK DESIGN

Rev.	Author/Date		Checked/Date		Approved/Date		Description
1	CMV	05/10/2023	ATB	05/10/2023	ATB	05/10/2023	FOR CONSTRUCTION / AS NOTED
0	AMI	31/03/2023	JNA	31/03/2023	ATB	31/03/2023	FOR CONSTRUCTION

Custumer: JSC RMG Auramine LLC

Project: BEQTAQARI DETAIL ENGINEERING

Title: 300-TK-001_DETAIL DRAWING BULK ROUGHER CONDITIONING TANK TANK STEELWORK

3d model: P1384-300-RV-301-7-Flotation area - Equipment

Customer doc. code:

Area: 300 | Scale: 1:7 1:20 | Format: A1

Doc. code: P1384-300-EQ-001-3 | Rev: 1