

16 LINKS SOMM C/C	NOTES 1. READ THE DRAWINGS. OTHERWISE 2. ALL LEVELS 3. ALL PIPEW FLANGES 4. ALL CONCF 5. ALL VALVES 6. MIN CONCF MAINTAINED 7. SAFE BEAR 8. ALL FOUNE 9. MAXIMUM A 10. ALL REINFO CONCRETIN	Drawing in Co all Dimension: "Stated. S are in Meter ork are galva Rete Shall be S to be suppl Rete cover of , uing capacity t. Dations to be suggregate size orcement to b g.	NJUNCTION W S ARE IN MIL RS ABOVE SE NIZED IRON 1 CLASS C25 (IED WITH EXT 40 mm TO AKEN AS OF T TAKEN DOV FOR CONCRI IE INSPECTED	ITH R LIMETI A LEVI TO NP UNLES ENSIO THE 150KI NN TO ETE I BY	ELEVANT R.C. ERS UNLESS EL. 10 WITH NP 16 S OTHERWISE STATED N SPINDLE. MAIN STEEL TO BE N/M2, 4 A SUITABLE ROCK. IS 20mm. THE ENGINEER BEFOR
	PROJECT TI PROPOSI 48M ³ PRE	TLE: ED FABRIC ESSED STE	ATION & EL TANK	ERE	ECTION OF 12M TOWER
	DRAWING T RC FOUNE DETAILS	<u>ITLE</u> DATION & H.I	D. BOLTS	LAY	DUT
		TER MORAS	TANA DEVEL P.O. Bo NYERI	WAT .OPN ox 12 , KEI	ER WORKS JENT AGENCY 292-10100 NYA.
	CONTRACT	<u>OR</u>			
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75Ø NB INLET

PLAN

75Ø NB OUTLET



GENERAL NOTES:

1) ALL STRUCTURAL STEELWORK TO BE GRADE 43C.

2) TANK PANELS, COVER, FASTENERS/BOLTS, INTERNAL BRACINGS AND BRACKETS TO BE SURFACE FINISHED BY HOT DIP GALVANIZING

3) ALL SHOP WELDS TO BE 6MM FILLET WELDS

UNLESS OTHERWISE NOTED.

4) ALL SECTION SIZES ARE AS SPECIFIED ON

DRAWING UNLESS OTHERWISE NOTED.

5) BOLTS ARE HIGH TENSILE GRADE 8.8 AND GALVANIZED

NOTES					
1.	read the	DRAWING IN CO	NJUNCTION W	ith r	ELEVANT R.C.
	DRAWINGS.	ALL DIMENSION	s are in Mil	LIMET	ERS UNLESS
	OTHERWISE	STATED.			
2.	ALL LEVELS	s are in meter	rs above se/	A LEVI	EL.
3.	ALL PIPEW	ork are galva	NIZED IRON T	'O NP	10 WITH NP 16
	FLANGES				
4.	ALL CONCE	Rete shall be	CLASS C25 U	JNLES	s otherwise stated
5.	ALL VALVES	s to be suppl	ied with ext	ensio	n spindle.
6.	MIN CONCE	RETE COVER OF	40 mm T0	THE	MAIN STEEL TO BE
	MAINTAINED	L			
7	SAFE BEAR		AKEN AS OF	1504	M/M2
				1000	17 m2,
8.	ALL FOUNL	ATIONS TO BE	IAKEN DOW	VN IO	A SUITABLE RUCK.
9.	MAXIMUM A	GGREGATE SIZE	FOR CONCRE	TE	S 20mm.
10.	ALL REINFO	DRCEMENT TO B	e inspected	BY	THE ENGINEER BEFORE
	CONCRETIN	G.			
P	ROJECT TI	TLE:			
P	ROPOSE	ED FABRIC	ATION &	ERE	CTION OF
4	8M ³ PRE	SSED STE	EL TANK	ON	12M TOWER
C	RAWING T	ITLE			
	ANEL DE	TAILS			
	LIENT		,		
	NAWA	TER WOP	TANA	WAT	
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6THK PLT STIFFENERS	NOTES 1. READ THE DRAWING IN CONJUNCTION WITH RELEVANT R.C. DRAWINGS. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED. 2. ALL LEVELS ARE IN METERS ABOVE SEA LEVEL. 3. ALL PIPEWORK ARE GALVANIZED IRON TO NP 10 WITH NP 16 FLANGES 4. ALL CONCRETE SHALL BE CLASS C25 UNLESS OTHERWISE STATED 5. ALL VALVES TO BE SUPPLIED WITH EXTENSION SPINULE. 6. MIN CONCRETE COVER OF 40 mm TO THE MAIN STEEL TO BE MAINTAINED. 7. SAFE BEARING CAPACITY TAKEN AS OF 150KN/MZ, 8. ALL FOUNDATIONS TO BE TAKEN DOWN TO A SUITABLE ROCK. 9. MAXIMUM AGGREGATE SIZE FOR CONCRETE IS 20mm. 10. ALL REINFORCEMENT TO BE INSPECTED BY THE ENGINEER BEFORE CONCRETING. PROJECT TITLE: PROPOSED FABRICATION & ERECTION OF 48M ³ PRESSED STEEL TANK ON 12M TOWER			
160 GRADE 8.8 CONNECTION BOLTS	DRAWING TITLE ELEVATION DETAILS			
ION De 43c. D prior to paint application. R. Paint.	CLIENT TANA WATER WORKS DEVELOPMENT AGENCY P.O. Box 1292-10100 NYERI, KENYA.			
lds U.O.N. Grade 8.8 and Galvanized on Drawing. Tion with all other relevant drawings.				
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GENERAL NOTES:

- 1) ALL STRUCTURAL STEELWORK TO BE GRADE 43C.
- 2) TOWER STEELWORK TO BE WIRE BRUSHED PRIOR TO PAINT APPLICATION.
- 3) APPLY ONE COAT OF GREY OXIDE PRIMER.
- 4) APPLY TWO COATS OF SILVER ALUMINIUM PAINT.
- 5) ALL SHOP WELDS TO BE 6MM FILLET WELDS U.O.N.
- 6) BOLTS ARE HIGH TENSILE GRADE 4.6. & GRADE 8.8 AND GALVANIZED
- 7) ALL SECTION SIZES TO BE AS SPECIFIED ON DRAWING.
- 8) THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL
- OTHER RELEVANT DRAWINGS.

LAYOUT OF PLATFORM (CHEQUERED PLATES & HANDRAILS)

3x133x25kg/m_UB CONDARY BEAMS <u>4x146x31kg/m_U</u> B IN BEAMS	 NOTES READ THE DRAWING IN CONJUNCTION WITH RELEVANT R.C. DRAWINGS. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED. ALL LEVELS ARE IN METERS ABOVE SEA LEVEL. ALL PIPEWORK ARE GALVANIZED IRON TO NP 10 WITH NP 16 FLANGES ALL CONCRETE SHALL BE CLASS C25 UNLESS OTHERWISE STATED ALL VALVES TO BE SUPPLIED WITH EXTENSION SPINDLE. MIN CONCRETE COVER OF 40 mm TO THE MAIN STEEL TO BE MAINTAINED. SAFE BEARING CAPACITY TAKEN AS OF 150KN/MZ, ALL FOUNDATIONS TO BE TAKEN DOWN TO A SUITABLE ROCK. MAXIMUM AGGREGATE SIZE FOR CONCRETE IS 20mm. ALL REINFORCEMENT TO BE INSPECTED BY THE ENGINEER BEFORE CONCRETING.
QUERED PLATES	PROJECT TITLE: PROPOSED FABRICATION & ERECTION OF 48M ³ PRESSED STEEL TANK ON 12M TOWER
	DRAWING TITLE PLATFORM DETAILS
	CLIENT TANA WATER WORKS DEVELOPMENT AGENCY P.O. Box 1292-10100 NYERI, KENYA.
	<u>CONTRACTOR</u>
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