



GENERAL NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
- THE ELEVATION 0.00 CORRESPONDS TO THE TOP FINISHED LEVEL OF THE EXTERNAL CONCRETE WALL.
- ELEVATIONS ARE REFERRED TO THE TOP FACE OF BEAMS OR ANGLES.
- ALL FIELD CONNECTIONS ARE BOLTED UNLESS OTHERWISE NOTED. BOLTS SHALL NOT BE THREADED FOR A LENGTH OF 15MM IN ORDER TO ACHIEVE THE REQUIRED SHEAR CAPACITY.

5 MATERIAL STEEL SHAPES: FE 430 B FN ACCORDING TO BS 4395

6 ALL CONNECTIONS SHALL HAVE WASHER ON THE NUT SIDE.

7 ALL DIMENSIONS OF STIFFENERS AND LENGTHS OF STRUCTURAL SHAPES ARE THE THEORETIC ONES. GAPS FOR WELDS OR EXTRA-LENGTHS FOR WELD SHRINKAGE ARE AT FABRICATOR'S CARE.

8 UNLESS NOTED OTHERWISE, ALL FILLET WELDS SHALL HAVE A MINIMUM THROAT DEPTH OF 0.8 TIMES THE THICKNESS OF THE BASE METAL TO BE CONNECTED.

9 BUILT UP MEMBERS SHALL HAVE CONNECTIONS AT A MAXIMUM DISTANCE OF 24 INCHES = 609.6 MM.

10 ALL PLATES HAVE THICKNESS OF 8 MM UNLESS OTHERWISE NOTED.

11 HIDDEN LINES ARE SHOWN ONLY FOR PLATES BEHIND STRUCTURAL SHAPES, NOT VICEVERSA.

12 THE SYMBOL * MEANS "END OF SHAPE TO BE ADAPTED BY CUTTING OR GRINDING TO AVOID CLASH WITH WELDED PLATE".

13 TYPICAL DISTANCE CENTER OF BOLT TO EDGE OF SHAPES:
 25 MM FOR DIA. 12 MM BOLTS
 35 MM FOR DIA. 16 MM BOLTS
 40 MM FOR DIA. 20 MM BOLTS
 50 MM FOR DIA. 24 MM BOLTS

TYPICAL DISTANCE CENTER TO CENTER OF BOLTS:
 40 MM FOR DIA. 12 MM BOLTS
 50 MM FOR DIA. 16 MM BOLTS
 60 MM FOR DIA. 20 MM BOLTS
 80 MM FOR DIA. 24 MM BOLTS

TYPICAL FILLET WELDS EXCEPT WHERE OTHERWISE NOTED

$S1 \geq S2$
 $H = 0.8 \times S2$
 $SP = 0.6 \times S2$

| HOLES FOR STANDARD BOLTS | | | |
|--------------------------|----------|----------|--------------------|
| SYMBOL | BOLT DIA | HOLE DIA | TIGHTENING MOMENTS |
| ⊙ | M10 | ∅ 11 | 11.5 |
| ⊙ | M12 | ∅ 13 | 13.5 |
| ⊙ | M14 | ∅ 15 | 15.5 |
| ⊙ | M16 | ∅ 17 | 17.5 |
| ⊙ | M18 | ∅ 19 | 19.5 |
| ⊙ | M20 | ∅ 21 | 21.5 |
| ⊙ | M22 | ∅ 23 | 24 |
| ⊙ | M24 | ∅ 25 | 26 |
| ⊙ | M27 | ∅ 28 | 29 |
| ⊙ | M30 | ∅ 31 | 32 |

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|-------------------|----------|------------------------------------------------------------------|-------------------|
| V199034-A-BE0189A | | KURA II PLANT - GREATER BAKU WATER SUPPLY REHABILITATION PROJECT | |
| DRAWING N. | | REFERENCE DRAWING | |
| 1 | 17.07.00 | ADDED POSITION "PT06" | RV AI |
| 0 | 25.05.00 | ISSUED FOR CONSTRUCTION | RV AI |
| REV. | DATE | DESCRIPTION | DIS. CONTR. APPR. |

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| | | |
|--------|--------------------------------------------------|---------------------|
| TITLE | GREATER BAKU WATER SUPPLY REHABILITATION PROJECT | CLIENT APPROVAL |
| DATE | 17.07.00 | DRAWING NO. |
| SCALE | INDICATED | REV. |
| DIS. | RV | CONTR. |
| CONTR. | AI | APPR. |
| APPR. | | DRAWING NO. |
| | | 2014-01-MAR FG. 1/2 |

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