

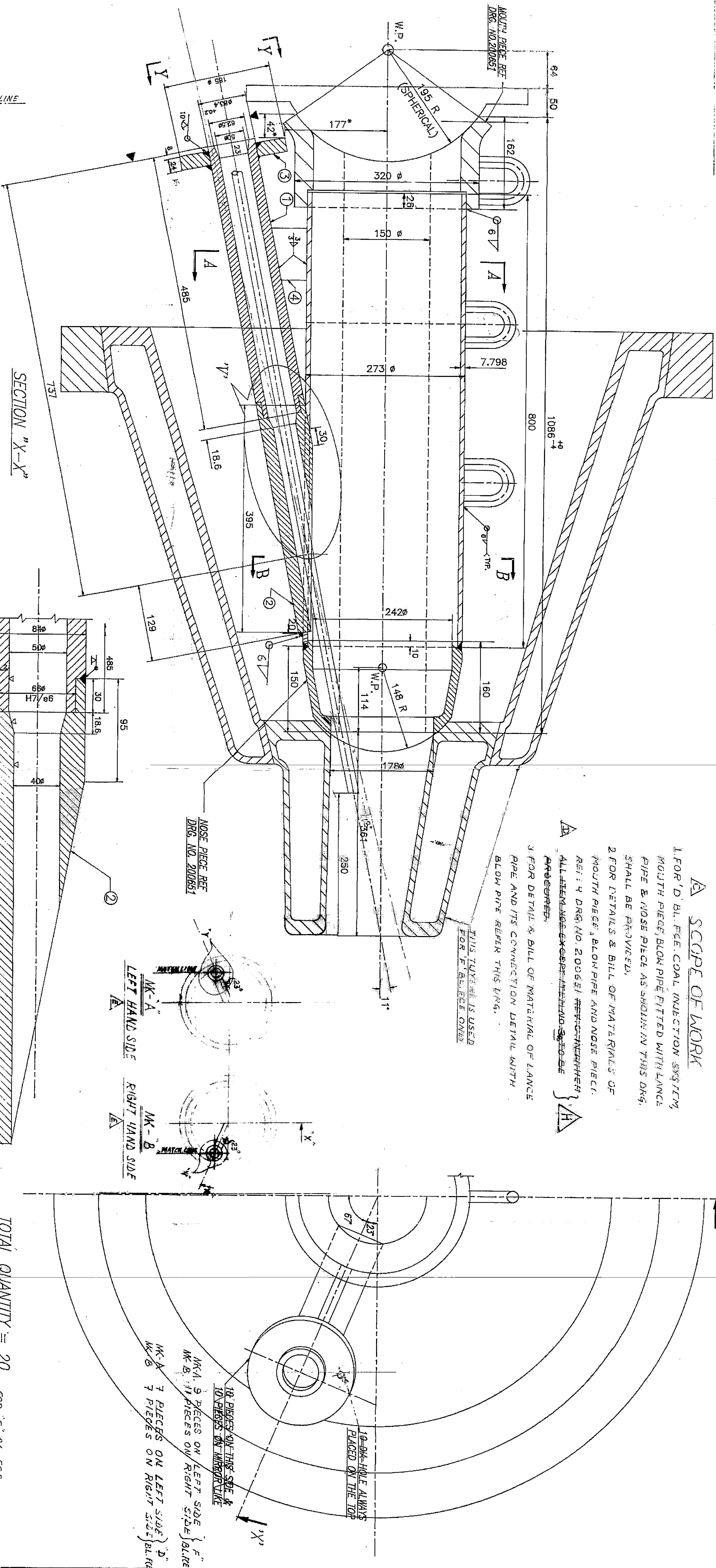
## SCOPE OF WORK

1. FOR 'D BL. FEE. COAL INJECTION \$95 PER  
MOUTH PIECE, BLOW PIPE FITTED WITH LANCE  
PIPE & NOSE PIECE AS SHOWN IN THIS DRG,  
SHALL BE PROVIDED.  
2. FOR DETAILS & BILL OF MATERIALS OF  
MOUTH PIECE, BLOW PIPE AND NOSE PIECE.

RE: 4 DRG NO. 20061 ~~SECRET~~  
ALL ITEMS NOT EXCEPT ITEM NO. 30 TO BE  
RECORDED. } ~~SECRET~~

3 FOR DETAIL & BILL OF MATERIAL OF LANCE  
PIPE AND ITS CONNECTION DETAIL WITH  
BLOW PIPE REFER THIS DRG.

THIS TUBE IS USED  
FOR 'F' BLE. PEE. ONLY


$$\frac{\text{TOTAL QUANTITY}}{\text{TOTAL QUANTITY}} = 20.$$

= 20. FOR "F" BL. FCE.  
 = 14. FOR "D" BL. FCE.  
 14. FOR "A" BL. FCE  
 12. FOR "B" BL. FCE.

|          |   |                                 |     |          |          |                |      |          |                       |
|----------|---|---------------------------------|-----|----------|----------|----------------|------|----------|-----------------------|
|          |   |                                 |     |          |          |                |      |          |                       |
|          |   |                                 |     |          |          |                |      |          |                       |
| 4.       | 1 | 60 X 90 X 20 THK.               | 1   | ISS226   | 1        |                |      |          |                       |
| 3.       |   | PLANGE 84 LB. X 185 O.D. X 24TH | 1   | ISS226   | 8        |                |      |          | PUT TO SHAVE          |
| 2.       |   | LANCE- RD. 9006 X 411 LG.       | 1   | ISS226   | 20       |                |      |          | M/C FROM ZIR          |
| 1.       |   | LANCE- RD. 9006 X 485 LG.       | 1   | ISS226   | 25       |                |      |          | NOT A M/C<br>TO SHAVE |
| ITEM NO. |   | DESCRIPTION                     | QTY | MATERIAL | ISS. NO. | REQ. FOR TOTAL | ISSD | QTY. NO. |                       |

TOTAL WT. = KGS. =

KGS. =

THE TATA IRON & STEEL CO., LTD.  
JAMSHEDPUR

UR

CENTRAL ENGINEERING &amp; DEVELOPMENT DIVISION

|    |                    |
|----|--------------------|
| T. | BLAST FURNACE - F. |
|----|--------------------|

|      |                |
|------|----------------|
| JECT | COAL INJECTION |
|------|----------------|

MODIFIED DETAIL OF LANCE

|  |                       |  |
|--|-----------------------|--|
|  | FILLED WITH BLOW PIPE |  |
|--|-----------------------|--|

|               |          |          |       |
|---------------|----------|----------|-------|
| R. K. Singh.  | 20.12.91 | SCALE :- | 1 : 3 |
| M. S. Sainee. | 06.01.92 |          |       |

|                 |   |  |
|-----------------|---|--|
| DRG. NO. 254369 | 4 |  |
|-----------------|---|--|

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| FILE NO.     |  |
| BUFILE FILE: |  |

7  
FILE NO. 88

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