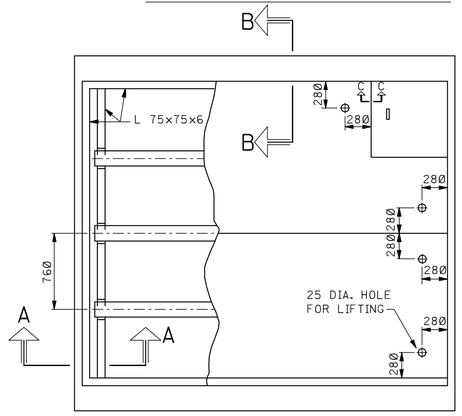
| PLANT NO. | INDEX | DRAWING NUMBER | SHT. NO. | REV. NO. |
|---|---|---|---|---|
| 990 | Q | AA-036744 | 001 | 06 |

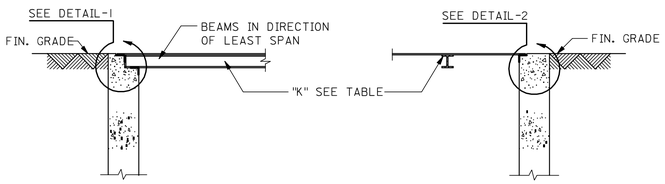
## TYPE-I

VALVE BOX SUBJECTED TO LIGHT WHEEL LOADS




### PLAN

SCALE 1 : 25

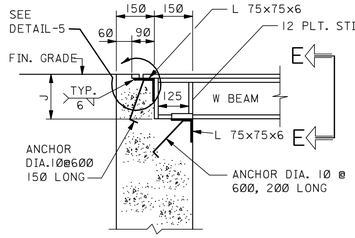



### SECTION A-A

SCALE 1 : 25

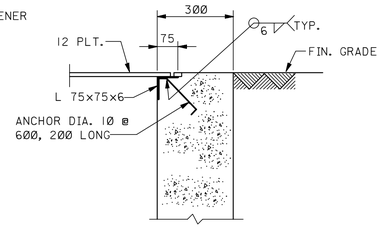
### SECTION B-B

SCALE 1 : 25




### DETAIL-1

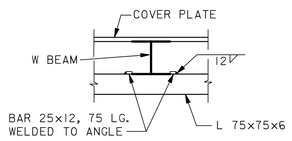
SCALE 1 : 10




### DETAIL-2

SCALE 1 : 10

| BEAM SIZES | | |
|---|---|---|
| DIMENSION 'L' | SHAPE 'K' | 'J' |
| UP TO 2640 | W6x20 | 171 |
| 2640 TO 3860 | W8x24 | 222 |

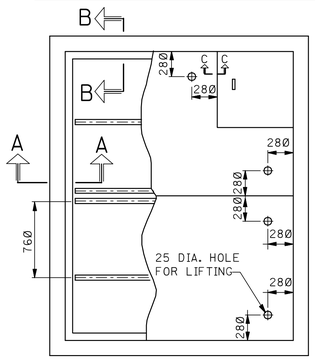



### VIEW E-E

SCALE 1 : 10

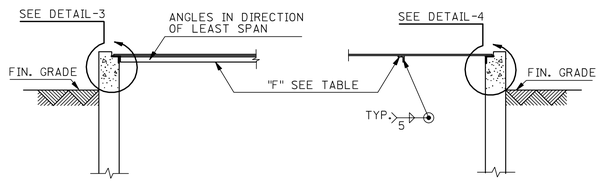
## TYPE-II

VALVE BOX NOT SUBJECTED TO WHEEL LOADS




### PLAN

SCALE 1 : 25

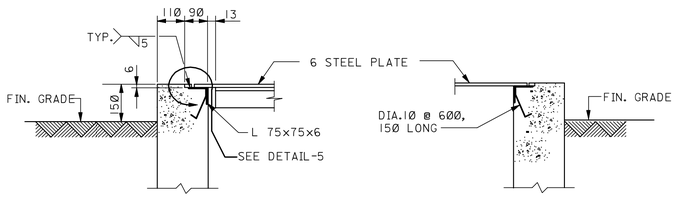



### SECTION A-A

SCALE 1 : 25

### SECTION B-B

SCALE 1 : 25

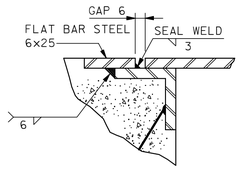



### DETAIL-3

SCALE 1 : 10

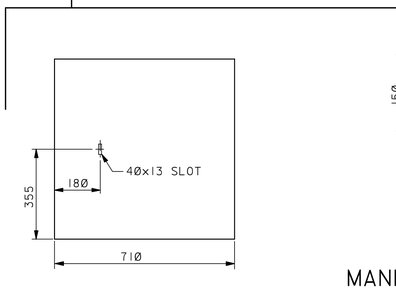
### DETAIL-4

SCALE 1 : 10




### DETAIL-5

| ANGLE SIZES | |
|---|---|
| DIMENSION 'G' | SHAPE 'F' |
| UP TO 2640 | L 50x40x6 |
| 2640 TO 3860 | L 75x50x6 |

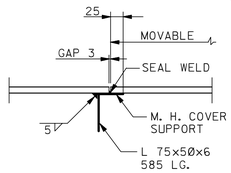



### MANHOLE COVER DETAILS

SCALE 1 : 10

### MANHOLE COVER LIFTING KEY DETAIL

SCALE 1 : 5

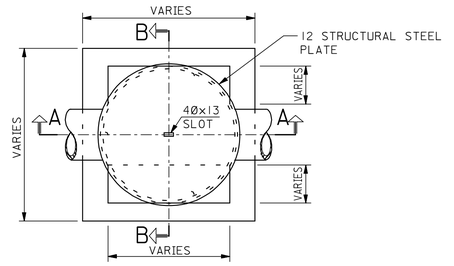



### SECTION C-C

SCALE: 1 TO 5

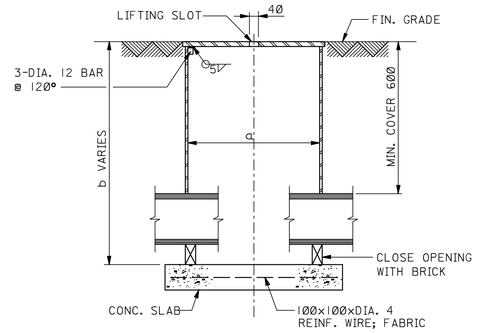
## TYPE-III

VALVE BOX OF RECLAIMED PIPE
TO CARRY LIGHT WHEEL LOADS



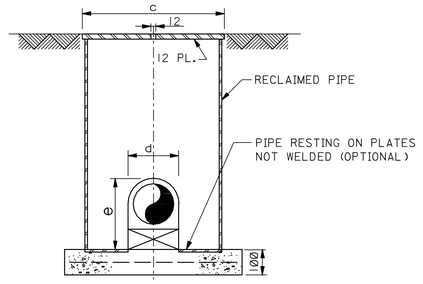

### PLAN

SCALE 1 : 10




### SECTION A-A

SCALE 1 : 10




### SECTION B-B

SCALE 1 : 10

| DIMENSIONS OF VALVE BOX | | | | | |
|---|---|---|---|---|---|
| DIA. OF PIPE LINE | DIA. OF VALVE BOX STL. PIPE "a" | b | c | d | e |
| 6" | 28" | 1220 | 760 | 200 | 290 |
| 4" | 28" | 1220 | 760 | 150 | 240 |
| 3" | 24" | 1120 | 660 | 130 | 215 |
| 2" | 24" | 1120 | 660 | 100 | 190 |
| 1 1/2 | " 24" | 1070 | 660 | 100 | 190 |

## NOTES:

1. ALL DIMENSIONS SHOWN ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

## REFERENCE DRAWINGS

| | |
|---|---|
| VALVE BOXES, POURED CONCRETE FOR PIPELINE BLOCK VALVE AND DRAINS | AA-036365 |
| | |

## TYPICAL INSTALLATION DRAWING

| REV. NO. | DATE | BY | DESCRIPTION | CHKD | CERT. | APPD. |
|---|---|---|---|---|---|---|
| 06 | 08-23-86 | RLO | REDRAWN & REVISED. ADDED TYPICAL INSTALL'N. DWG. NOTE | | | |

FOR ARABIAN AMERICAN OIL COMPANY

DRAWN BY VAN ZYP CHECKED BY NEW SCALE: AS SHOWN

DATE STARTED DATE COMPLETED 4-16-57

OPR'G. DEPT. ENG. DEPT.

APP'D. FOR CONST.

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED. CERTIFIED DATE

# VALVE BOXES
# CONSTRUCTION DETAILS

STD. DWG. METRIC

| PLANT NO. | INDEX | DRAWING NUMBER | SHT. NO. | REV. NO. |
|---|---|---|---|---|
| 990 | Q | AA-036744 | 001 | 06 |

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