

## STEEL SCHEDULE

MARK	SIZE	LENGTH	NO. OF PIECES
A	9	13'-0"	8
B	6	5'-9"	4
C	6	5'-2"	4
D	6	4'-10"	6
E	6	7'-0"	14
F	9	7'-0"	6
G	6	2'-9"	4
H	6	2'-2"	4
I	6	1'-10"	6
J	5	4'-8"	8
K	6	13'-0"	12
L	6	5'-6"	8
M	6	7'-0"	12
N	7	7'-0"	12
O	6	2'-6"	8
P	5	6'-0"	120
Q	6	7'-0"	28
Q	6	7'-0"	32
Q	6	7'-0"	36
R *	5	7'-4"	48
R **	5	8'-4"	48
R ***	5	9'-4"	144
S *	6	13'-0"	28
S **	6	13'-0"	32
S ***	6	13'-0"	72
T	5	3'-2"	8

- \* 7 FT HEADROOM
- \*\* 8 FT HEADROOM
- \*\*\* 9 FT HEADROOM

**NOTES:**

THIS MANHOLE WAS DESIGNED IN ACCORDANCE WITH A.A.S.H.T.O. STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES DATED 1996, INCLUDING ALL INTERIM SPECIFICATIONS THROUGH 2002. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO BALTIMORE CITY STANDARDS.

LOADING: HS25 TRUCK LOADING

**MATERIALS**

**CONCRETE:**

4,000 PSI COMPRESSIVE STRENGTH AFTER 28 DAYS.

CONCRETE DESIGN: SERVICE LOAD DESIGN METHOD -  $f' = 1,600$  PSI.

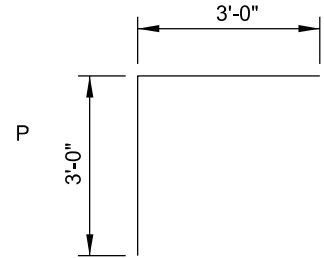
**STEEL**

60,000 PSI YIELD STRENGTH - GRADE 60

REINFORCING STEEL DESIGN -  $f = 24,000$  PSI

REINFORCING STEEL IN THE ROOF SLAB SHALL BE EPOXY COATED

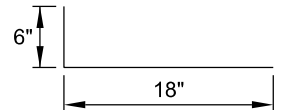
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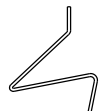
BAR SUPPORTS

(A) 1 1/2 - BC - A

(B) # 3 REINFORCING BARS  
INSTALL AT RANDOM  
LOCATIONS, AS NEEDED.



(C) PULLING IRONS SHALL BE INSTALLED AT THE JUNCTION OF THE FLOOR AND WALL AND WALL AND ROOF. LOCATION OF PULLING IRONS TO BE CENTERED ON END WALLS AND OPPOSITE DUCT BANKS, OR KNOCK - OUTS ON SIDE WALLS.



APPROVED:

Ola Olamide

CHIEF, CONDUIT DIVISION

Hansen Raiz

DIRECTOR, DEPARTMENT OF TRANSPORTATION

**CITY OF BALTIMORE  
DEPARTMENT OF TRANSPORTATION  
CONDUIT DIVISION**

**STEEL DETAILS FOR  
6 FT x 12 FT LINE MANHOLE**

ISSUED	REVISED	REVISED
08/2024		

**STANDARD NO.  
BC 825.01**

SCALE : NONE

SHEET 1 OF 1