STEEL SCHEDULE

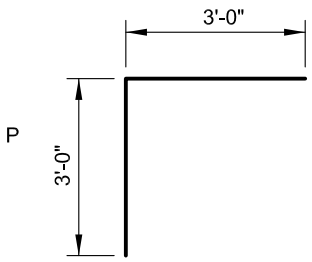
MARK	SIZE	LENGTH	NO. OF PIECES
A	9	13'-0"	8
B	6	5'-9"	4
C	6	5'-2"	4
D	6	4'-10"	6
E	6	7'-0"	14
F	9	7'-0"	6
G	6	2'-9"	4
H	6	2'-2"	4
I	6	1'-10"	6
J	5	4'-8"	8
K	6	13'-0"	12
L	6	5'-6"	8
M	6	7'-0"	12
N	7	7'-0"	12
O	6	2'-6"	8
P	5	6'-0"	120
Q	6	7'-0"	28
Q	6	7'-0"	32
Q	6	7'-0"	36
R *	5	7'-4"	48
R **	5	8'-4"	48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

* 7 FT HEADROOM

** 8 FT HEADROOM

*** 9 FT HEADROOM

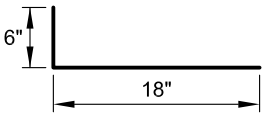
A THRU N



BAR SUPPORTS

(A) 1 ½ - 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.

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'_c=1,600 PSI.
STEEL
60.000 PSI YIELD STRENGTH - GRADE 60
REINFORCING STEEL DESIGN - f_s=24,000 PSI
REINFORCING STEEL IN THE ROOF SLAB SHALL BE EPOXY COATED

APPROVED:

CHIEF, CONDUIT DIVISION

DIRECTOR, DEPARTMENT OF TRANSPORTATION

CITY OF BALTIMORE
DEPARTMENT OF TRANSPORTATION
CONDUIT DIVISION

ISSUED	REVISED	REVISED
8 / 2010		

STEEL DETAILS FOR 6 FT x 12 FT LINE MANHOLE

STANDARD NO. BC 825.01

SCALE : NONE

SHEET 1 OF 1