

# MANHOLE BUTTERFLY

Contract Number:	C19BA
Date:	12/ 23/ 22
Vault Number:	C19BA-205
Location:	121-200 INNER BELT, STA 63+50
City:	SOMERVILLE, MA
Contractor:	COMMONWEALTH CONSTRUCTION
Inspector:	GEORGE KEYES
Sheet Number:	01 OF 01



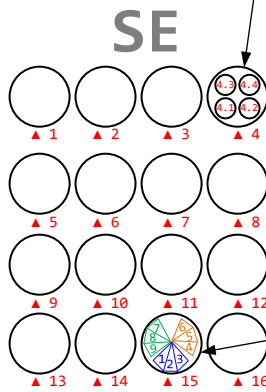
SE4.3, SE4.4 FOR CITY OF SOMERVILLE  
SE4.1, SE4.2 FOR TWDX IP

TO MH #: C19BA-204  
DUCT LENGTH: 492' LF

**SOUTHEAST WALL** ▶

CABLE VAULT SIZE  
10' X 3' X 3' (L x W x H)

Underground Vault Mfr.:  
COMMONWEALTH CONSTRUCTION  
INSTALLED 11/16/2021



**NOTE:** (N) SYMBOL DENOTES DIRECTION  
OF WALL WHERE DUCT IS LOCATED  
IN OR OUT.

**NOTE:** ALL INNERDUCTS ARE MAXCELL MXE64283  
(1.05" TENANT CABLE DIA) UNLESS OTHERWISE  
SPECIFIED.

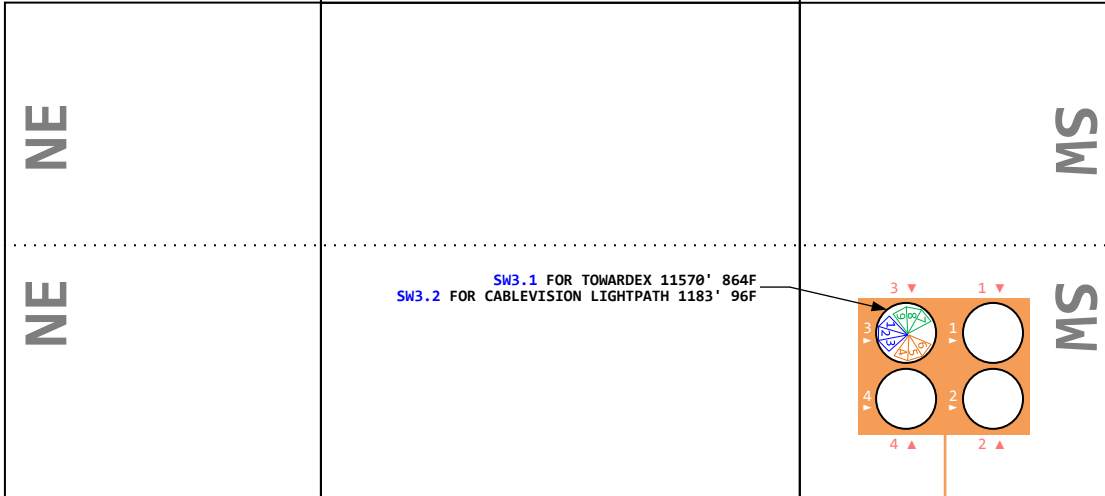
**DUCTS ARE ADDRESSED AS FOLLOWS:**

<WALL> <OUTER 4" DUCT #> . <INNER DUCT #>

Examples:  
SE4.1, SW1.9, etc

SE15.1 FOR TOWARDEX 11570' 864F  
SE15.2 FOR CABLEVISION LIGHTPATH 1183' 96F

▼ **SOUTHWEST WALL**



SW3.1 FOR TOWARDEX 11570' 864F  
SW3.2 FOR CABLEVISION LIGHTPATH 1183' 96F

TO MH #: ZAYO SOM10A  
DUCT LENGTH: 15' LF

**DUCTS SW1 - SW4 GO TO ZAYO MANHOLE SOM10A**

**C19BA ZAYO-HEX SYSTEM INTERCONNECTION**

Leaving HEX and entering Zayo Underground Utilities at 15 feet down range

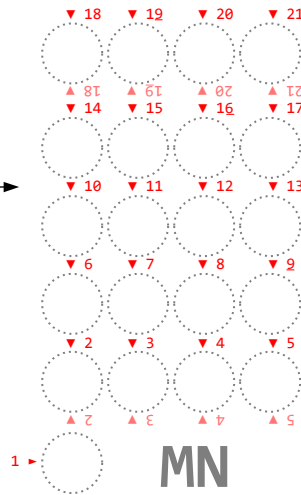
ENSURE THAT TENANT AND ITS SUBCONTRACTORS SEEKING ENTRY:

1. ARE MEMBERS OF THE METROMEDIA FIBER NETWORKS SYSTEM OR OTHERWISE LICENSED BY ZAYO
2. NOTIFIED ZAYO FOR ENTRY AND MANHOLE QUALITY INSPECTION
3. HAVE OBTAINED ADD'L LICENSE FROM TWDX Infrastructure TO OCCUPY INTERCONNECTION CONDUITS AND DEMARCATON FACILITIES OWNED BY THE HEX CONDUIT SYSTEM

**DUCT ARRIVAL FORMATION AT ZAYO MANHOLE:**

NORTHWEST WALL RESERVED FOR C19BA  
CONTINUATION OF (21) 4" DUCTS TO  
C17A6 IN FRONT OF 200 INNER BELT RD.

**NORTHWEST WALL** ▶



**NOTICE TO UTILITY LOCATORS:**  
All TOWARDEX owned underground  
facilities, including ducts and cable vaults  
shall be delineated and marked on surface  
with identifying abbreviation of "TWDX"