

Contract Number:	C19BA
Date:	10/06/23
Vault Number:	C19BA-199
Location:	50-59 INNER BELT RD, STA 78+75
City:	SOMERVILLE, MA
Contractor:	COMMONWEALTH CONSTRUCTION
Inspector:	GAVIN SCHOCH
Sheet Number:	01 OF 02

**NOTICE**

Federal law prohibits working inside this manhole without an approved Entry Permit posted. This facility has been identified as a permit space pursuant to 29 CFR § 1910.146(b).

Determining Authority:  
TWDX Infrastructure, LLC  
Joint Trench Administrator pursuant to PCHEX § 4  
1-617-863-8325

**SOUTH WALL** ▶

**CABLE VAULT SIZE**

**7' X 5' X 6.5'** (L x W x H)

**Underground Vault Mfr.:**  
SHEA CONCRETE PRODUCTS, INC. OF WILMINGTON, MASS.  
MANUFACTURED 4/4/2023  
INSTALLED 4/7/2023

**HEX LATERAL**

DUCTS E6 - E8 GO TO EVOCATIVE ZERO HANDHOLE  
50' INNER BELT RD

ENSURE THAT TENANT AND ITS SUBCONTRACTORS SEEKING ENTRY:

1. ARE CUSTOMERS OR PERMITTEES OF EVOCATIVE
2. NOTIFIED EVOCATIVE FOR ENTRY
3. HAVE OBTAINED ADD'L LICENSE FROM TWDX Infrastructure TO OCCUPY HEX CONDUIT SYSTEM OWNED ENTRANCE FACILITY

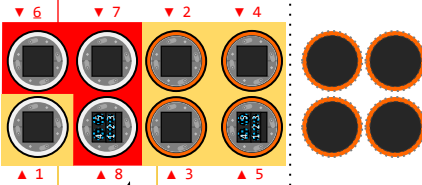
DUCT ARRIVAL FORMATION AT  
EVOCATIVE ZERO HANDHOLE:



▼ **EAST WALL**

**HEX LATERAL**  
TO MH #: EVOCATIVE ZERO  
DUCT LENGTH: 79' LF

**JTP**  
TO MH #: ZAYO SOM7.5B  
DUCT LENGTH: 107' LF



**JTP**  
E5.1 FOR ZAYO  
E5.2 FOR TWDX IP

**HEX LATERAL**  
E8.1 FOR <redacted> 2050' 144F

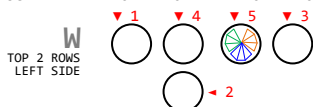
**JTP**  
DUCTS E1 - E5 GO TO ZAYO MANHOLE SOM7.5B  
JTP-HEX SYSTEM INTERCONNECTION

Leaving HEX and entering Joint Trench Partners System at 107 feet down range

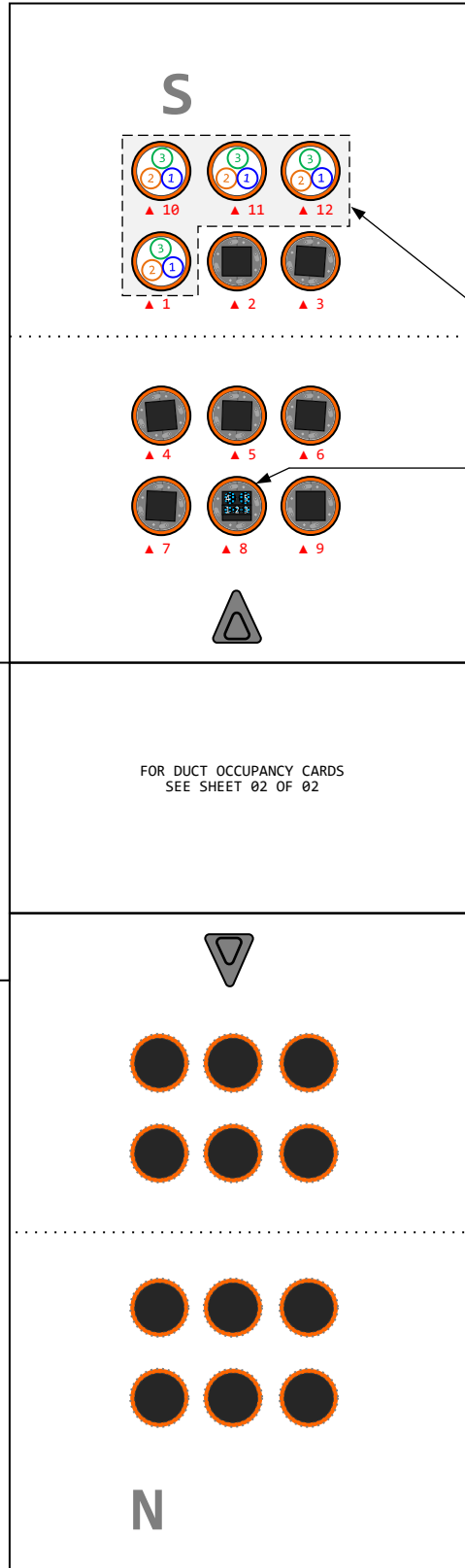
ENSURE THAT TENANT AND ITS SUBCONTRACTORS SEEKING ENTRY:

1. ARE MEMBERS OF THE JTP SYSTEM AT THIS LOCATION 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 HEX CONDUIT SYSTEM OWNED INTERCONNECTION FACILITY

DUCT ARRIVAL FORMATION AT ZAYO MANHOLE:



**C19BA**  
TO MH #: C19BA-200  
DUCT LENGTH: 43' LF



**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:  
E4.1, W15.9, etc

1.25" HDPE DUCTS:

- S1.1 FOR ZAYO
- S1.2 FOR TWDX IP 897' 432F
- S11.3 FOR CITY OF SOMERVILLE
- S12.3 FOR CITY OF SOMERVILLE

- S8.1 FOR <redacted> 2050' 144F
- S8.3 FOR PHOENIX COMMUNICATIONS TEST PULL
- S8.4 FOR TWDX IP 11570' 864F
- S8.5 FOR TOWARDEX 3320' 864F



**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"