



**Right-of-Way Utilization  
Application**  
Permit for Construction within County  
Road Right-of-Way or other Public Areas

**Board of County Commissioners**  
Department of Public Works  
Engineering Division  
3600 W. Sovereign Path, Suite 241  
Lecanto, FL 34461  
Telephone: (352) 527-5446 Fax: (352) 527-5428  
Toll Free: (352) 489-2120 TTY (352) 527-5312

**TYPE OR PRINT LEGIBLY**

1. Applicant's Name: BLUESTREAM FIBER Phone: \_\_\_\_\_  
Mailing Address: 12409 NW 35TH ST CORAL SPRINGS FL 33065
  
2. Agent's Name (If different than above): SEAMAR FIBER DESIGNS Phone: \_\_\_\_\_  
Agent's Address: 15782 SW 75TH TER, MIAMI FL 33193
  
3. Owner's Name (If different than above): \_\_\_\_\_ Phone: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_
  
4. Proposed Construction: (Mark the appropriate box and provide the required information)
  - A. Utilities (Type): RELOCATE 10" DIAMETER FLOWER POTS AND 24"X36" HANDHOLES  
FROM RIGHT OF WAY TO UTILITY EASEMENT VIA OPEN TRENCH AT A MINIMUM DEPTH OF 36"  
Location: CYPRESS VILLAGE (LCP1) COMMUNITY - MULTIPLE LOCATIONS  
Total Linear Feet: 301 Total Number of Road Crossings: 0  
Crossing (Type & No.): Missile: \_\_\_\_\_ J & B: \_\_\_\_\_ Open Cut: \_\_\_\_\_
  - B. Roads (Type): \_\_\_\_\_  
Location: \_\_\_\_\_
  - C. Other (Describe): \_\_\_\_\_  
Location: \_\_\_\_\_
  - D. Comments: \_\_\_\_\_
  
5.
  - A. ALL AUTHORIZED WORK SHALL BE COMPLETED IN ACCORDANCE WITH THIS APPROVED APPLICATION, THE PROVISIONS OF THE LAND DEVELOPMENT CODE, AND OTHER APPLICABLE REGULATIONS.
  - B. PUBLIC SAFETY AND TEMPORARY TRAFFIC CONTROL MEASURES SHALL BE MAINTAINED DURING CONSTRUCTION IN ACCORDANCE WITH FDOT AND MUTCD STANDARDS.
  - C. WHEN EXCAVATION IS INCLUDED IN THIS PERMIT, ALL GAS COMPANIES MUST BE CONSULTED FOR INFORMATION AS TO EXISTING GAS PIPELINES AND APPURTENANCES PURSUANT TO THE PROVISIONS OF CHAPTER 553.851 FLORIDA STATUTES. CALL 811 BEFORE YOU DIG.
  - D. PRIVATE DRIVEWAYS, PUBLIC UTILITIES, AND OTHER SUCH IMPROVEMENTS PERMITTED HEREWITH WHICH ARE NOT AVAILABLE FOR IMMEDIATE USE BY THE GENERAL PUBLIC ARE CONSIDERED AS REMAINING IN PRIVATE OWNERSHIP AND ACCOMODATED WITHIN THE PUBLIC RIGHT-OF-WAY OR OTHER PUBLIC AREAS. THE OWNERS OF SUCH FACILITIES, OR THEIR SUCCESSORS OR ASSIGNS, SHALL BE RESPONSIBLE FOR MAINTAINING SUCH FACILITIES IN GOOD AND SAFE REPAIR.
  - E. THIS APPLICATION SHALL BECOME A PERMIT WITH THE SIGNATURE OF THE COUNTY ENGINEER OR AUTHORIZED PERSON BELOW.
  
6.
  - A. I HEREBY CERTIFY THAT I HAVE MADE APPLICATION FOR THE PERMIT DESCRIBED ABOVE, THAT I HAVE PROPER AUTHORITY AND AUTHORIZATION TO APPLY FOR SUCH PERMIT, AND THAT I AGREE WITH THE CONDITIONS OF THE PERMIT.
  - B. PERMISSION FOR THE ABOVE DESCRIBED CONSTRUCTION MAY BE GRANTED SUBJECT TO ADDITIONAL ATTACHED REQUIREMENTS.

SEAN HAYDEN  
**PRINT NAME**

Sean Hayden  
**SIGNATURE OF APPLICANT**

12/11/23  
**DATE**

**TO BE COMPLETED BY OFFICIALS ONLY**

A/P#: ROWP202400111

EFFECTIVE DATE OF PERMIT: 02/28/2024

BY: Lorrie Schwenneker  
OFFICE OF THE COUNTY ENGINEER OR DESIGNEE

Digitally signed by Lorrie Schwenneker  
DN: c=US, e=Lorrie.Schwenneker@citrusbocc.com, o=Citrus County  
BoCC, ou=Technical Services, cn=Lorrie Schwenneker  
Date: 2024.02.28 15:23:45 -0500



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**TYPICAL REQUIREMENTS FOR RIGHT-OF-WAY UTILIZATION PERMIT**

- If at all possible, all documents are to be emailed to [row@citrusbocc.com](mailto:row@citrusbocc.com)**
- Completed Right-of-Way (ROW) Utilization Application a minimum of 30 days before your event or work project (provide start and end dates of proposed event/work)
- Application Fee of \$30.00 + \$0.03 a Lineal Foot
- Additional fees may apply. See ROW application fees on our website.
- One (1) set of plans (11X17) indicating location and details of the proposed construction/utilization. Plans shall include Location map, North Arrow, street names, limits of construction, description of construction or work to be done in the right of way, staging areas for materials and equipment, and clear sight triangles if necessary
- One (1) sheet list of inventory of materials to be placed within the road right-of-way
- If anticipated utilization is within or adjacent to an improved right-of-way, provide one (1) Maintenance of Traffic Plan in accordance with Florida Department of Transportation and the M.U.T.C.D.
- \$1,000,000.00 of liability insurance must be held by the applicant or his contractor and presented to the Engineering Division prior to approval. The liability insurance must state Citrus County, Florida, a political subdivision of the State of Florida, is to be named as an "Additional Insured" under this policy.
- If applicable, a corporate resolution or affidavit recognizing and authorizing the person to sign the indemnity agreement on behalf of the applicant/entity will be required before approval of the right-of-way permit. The affidavit or corporate resolution should be attached to the indemnity agreement.

**NOTE: THE RIGHT-OF-WAY PERMIT WILL EXPIRE AFTER AN EVENT OR WORK PROJECT. IF REQUESTING A PERMIT MONTHS BEFORE A SCHEDULED EVENT, THE PERMIT WILL EXPIRE ONE (1) YEAR AFTER THE APPROVAL DATE.**



**Board of County Commissioners**  
DEPARTMENT OF PUBLIC WORKS  
TECHNICAL SERVICES DIVISION  
3600 W. SOVEREIGN PATH, SUITE 241  
LECANTO, FL 34461  
TELEPHONE: (352) 527-5446 FAX (352) 527-5482  
Toll Free (352) 489-2120 TTY (352) 527-5312

## CONDITIONS OF APPROVAL

**RIGHT-OF-WAY UTILIZATION APPLICATION:** Permit #ROWP202400111 – Cypress Village LCP1

**NAME OF COMPANY:** Bluestream Fiber

**CONTACT NAME:** Sean Hayden

**TELEPHONE:** (772) 812-6660

After review of the above referenced project, we have no objection to the placement of the proposed facilities within the County right-of-way. Carefully review the referenced Standard Conditions and Specific Conditions.

### Standard Conditions (For all Projects)

- 1. Road cuts or driveway cuts are not authorized with this permit.**
2. The Applicant is responsible for contacting Sunshine 811 prior to all work with the Citrus County ROW as other facilities may be present.
3. The applicant is responsible for all cost of construction, alterations and repair.
4. The applicant is responsible for any liabilities incurred due to construction, repair or alterations of the roadway or other facilities within the right-of-way.
5. The County, by approving this application, accepts no maintenance responsibilities now or in the future.
6. Should the County widen or construct improvements on the **above named roadways**, the applicant agrees to relocate the facilities at NO cost to the County should relocation be necessary.
7. All drainage facilities disturbed or damaged shall be restored as approved by the Division of Engineering, Department of Public Works. All disturbed areas within the right-of-way shall be re-graded and sodded as approved by the Division of Engineering, Department of Public Works.
8. Underground Utility Crossing of Improved Roadway - Applicant is to install sleeves at road crossings as follows: schedule 40 PVC for pipe diameter less than 4 inches. C-900 PVC for pipe diameter greater than or equal to 4 inches, or B.I.P. The sleeve shall extend 10 feet either side of the pavement crossing. Road crossings shall be a minimum of 4 feet below the road surface.
9. Unless otherwise authorized, all proposed facility locations must be as shown on the plans.
10. Applicant is responsible for traffic maintenance and safety markings in accordance with F.D.O.T. and M.U.T.C.D. Standards. A copy of the approved Utility Permit and plan sheet(s) with the approved M.O.T. shall be kept by the permittee or permittee's contractor at the job site at all times and shall be shown to the County Engineer or his representative upon request.



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11. Unless otherwise authorized, all improvements must be installed as shown on the approved plans. Upon request, the applicant's project Engineer/Surveyor must certify to the construction and location (horizontal/vertical); and provide free of charge, "as-built" drawings and test data which attest to the construction adherence to the approved plans as submitted. When Directional Boring Method is used, the Applicant shall furnish the County's Division of Engineering with elevation readings every fifty (50) feet on the as-built drawings, or as directed by the County Engineer/Designee.
12. Approval of this project does not relieve the applicant from the responsibility of acquiring all other necessary and appropriate approvals or permits for this project.

**Specific Conditions\***

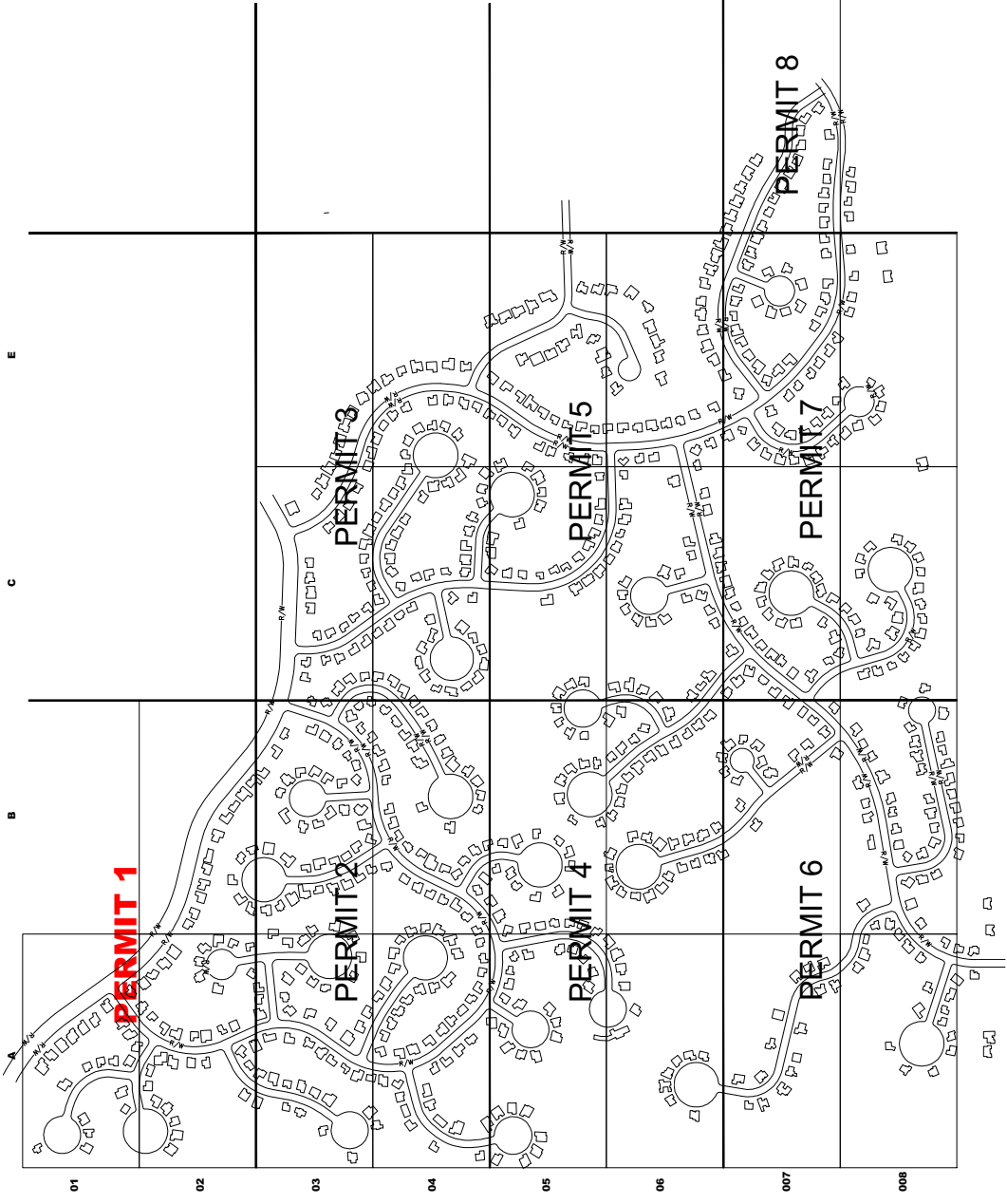
1. Due to the potential of conflicting pressure mains within the area for the proposed work activities, close coordination with Citrus County Water Resources, Utility Operations may be required (352-527-7653).
2. Proposed utility shall be installed in a continuous running line. No improved roadway or driveway open cuts are approved with this application. Limerock or dirt roads/driveway aprons may be open cut, and shall be restored in accordance with the Land Development Code.
3. Aerial crossings shall comply with the F.D.O.T. Utility Accommodation Manual.
4. The applicant is responsible for and shall hold the County harmless and indemnify the County from all liabilities and damages incurred due to construction, repair or alterations of the power line or other facilities within the right-of-way.
5. Applicant is to notify the Engineering Division at 352-527-5374 at least 48 hours in advance of work commencement to allow for site visits to take place during construction.
6. Repair the road and/or right-of-way promptly to a condition at least equal to that which existed immediately prior to work contemplated by the right-of-way utilization agreement.
7. Should fiber optic facilities be installed within the County right-of-way as a result of this permit, the Utility shall indemnify other users of the right-of-way for loss of revenue as result of damage to the fiber optics facility. Fiber optics shall be covered a minimum horizontal and vertical depth of 3 feet, or as directed by the County Engineer/Designee.

If further assistance or clarification is required, do not hesitate to contact this office at 352-527-5374 or [Lorrie.Schwenneker@Citrusbocc.com](mailto:Lorrie.Schwenneker@Citrusbocc.com).

**APPROVING ENGINEER/TECHNICIAN:** Lorrie Schwenneker  
**DATE:** 02/28/2024

Digitally signed by Lorrie Schwenneker  
 DN: C=US, E=Lorrie.Schwenneker@citrusbocc.com,  
 O=Citrus County BCCC, OU=Technical Services,  
 CN=Lorrie Schwenneker  
 Date: 2024.02.28 15:24:05-0500

\*Specific Conditions override any Standard Conditions



INDEX OF DRAWINGS	
PAGE	DESCRIPTION
001	OVERALL MAP
002	KEY MAP
003	A01 - PLAN VIEW
004	A02 - PLAN VIEW
005	A03 - PLAN VIEW
006	CROSS SECTIONS
007	MOT

**BLUE STREAM FIBER**  
 12409 NW 35th Street  
 Coral Springs, FL 33065

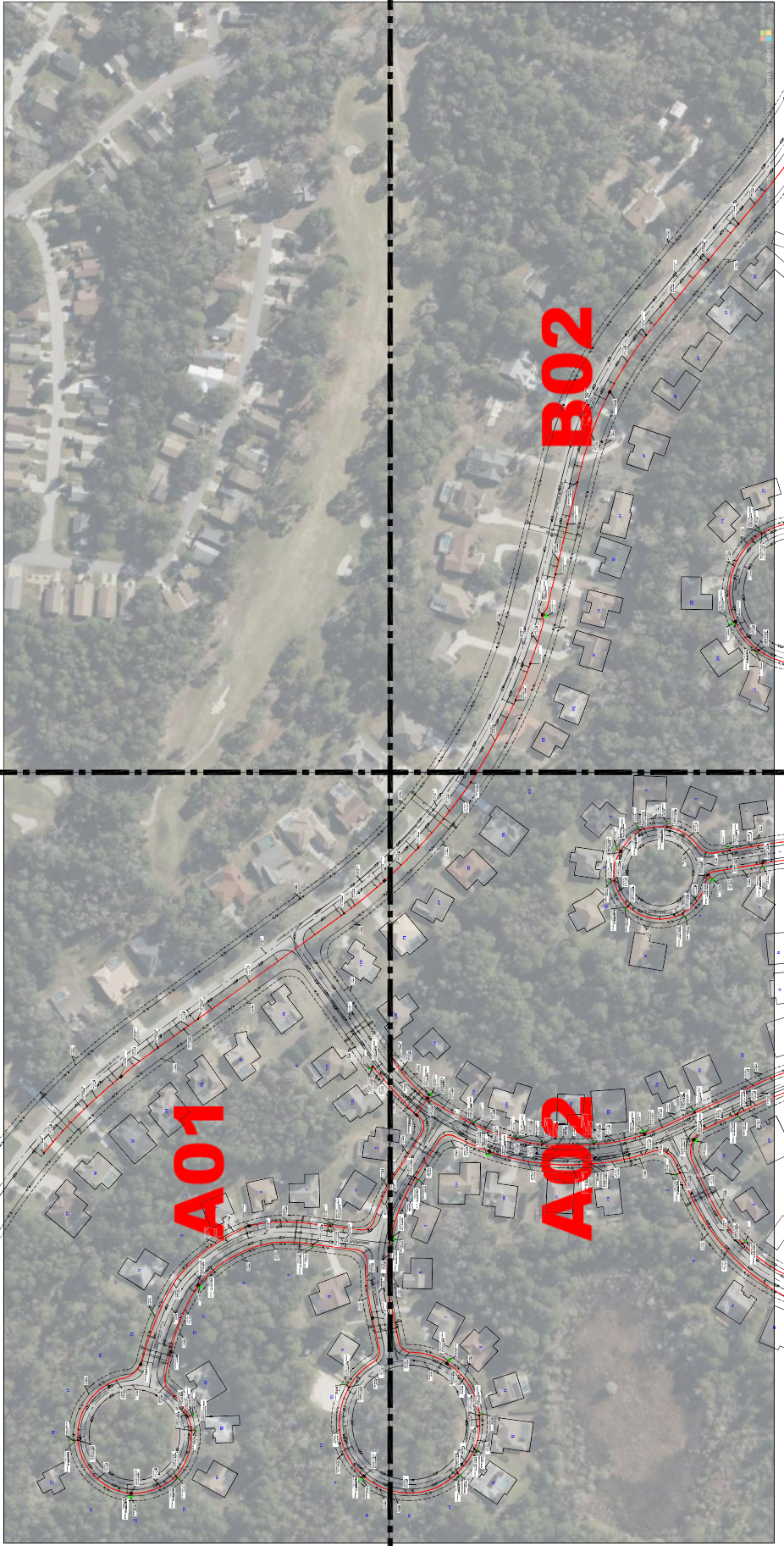


**OVERALL  
 MAP**  
 001 OF 007

**CYPRESS VILLAGE  
 LCP1**

**B**

**A**



**01**

**02**

**BLUE STREAM FIBER**  
12409 NW 35th Street  
Coral Springs, FL 33065



**KEYMAP**  
002 OF 007

**CYPRESS VILLAGE**  
LCP1



SEE DWG: A02

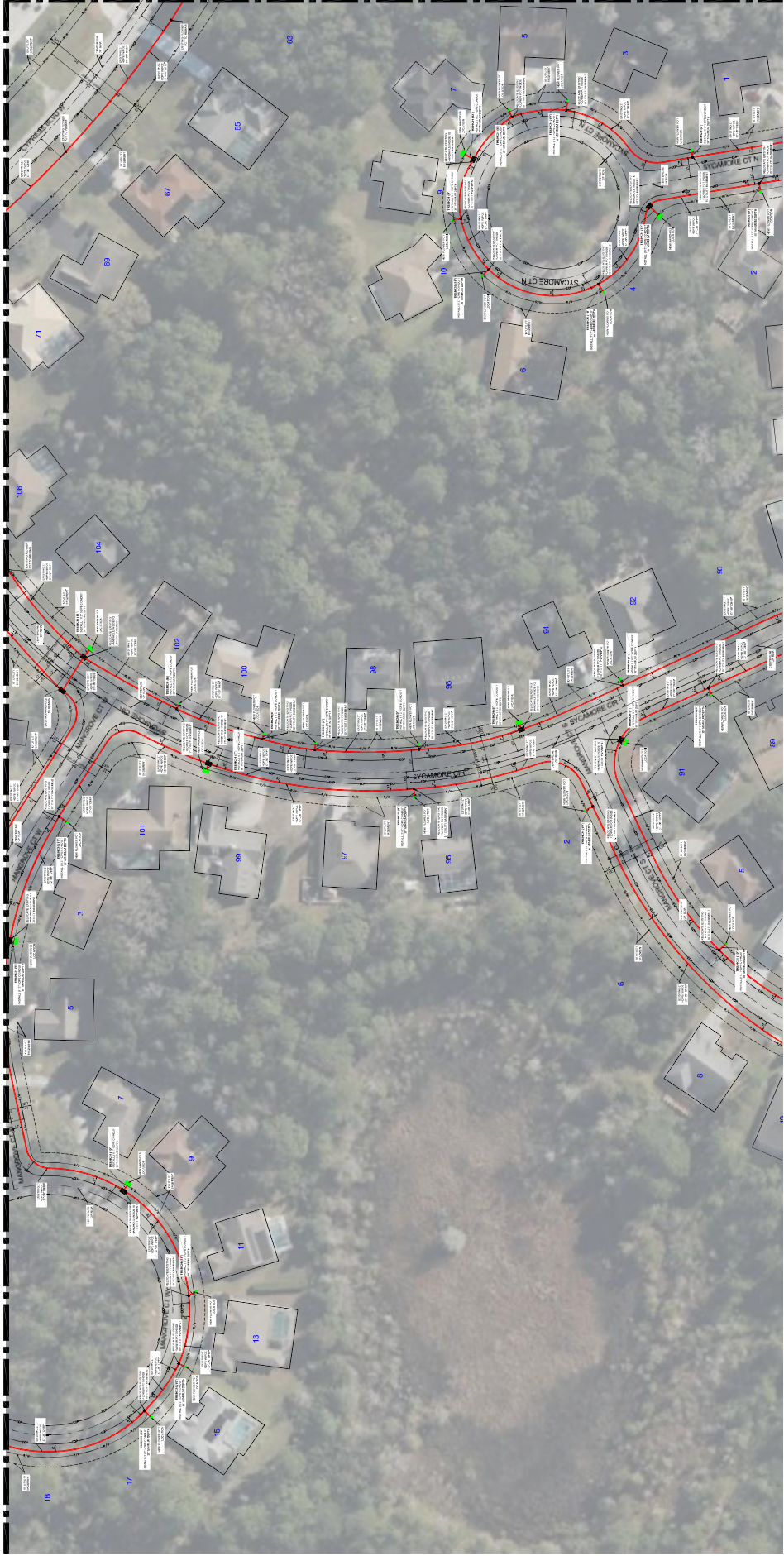


**BLUE STREAM FIBER**  
 12409 NW 35th Street  
 Coral Springs, FL 33065

**A01**  
 003 OF 007

**CYPRESS VILLAGE**  
 LCP1

SEE DWG: A01



SEE DWG: B02

**BLUE STREAM FIBER**  
12409 NW 35th Street  
Coral Springs, FL 33065



**A02**  
004 OF 007

**CYPRESS VILLAGE**  
LCP1





SEE DWG: A02

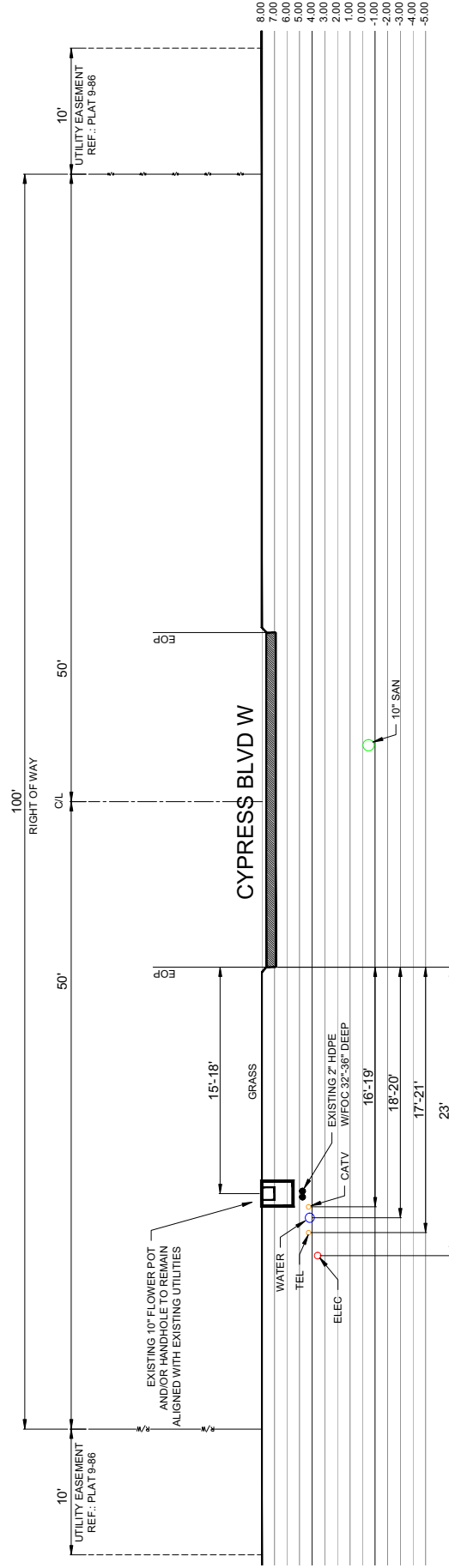
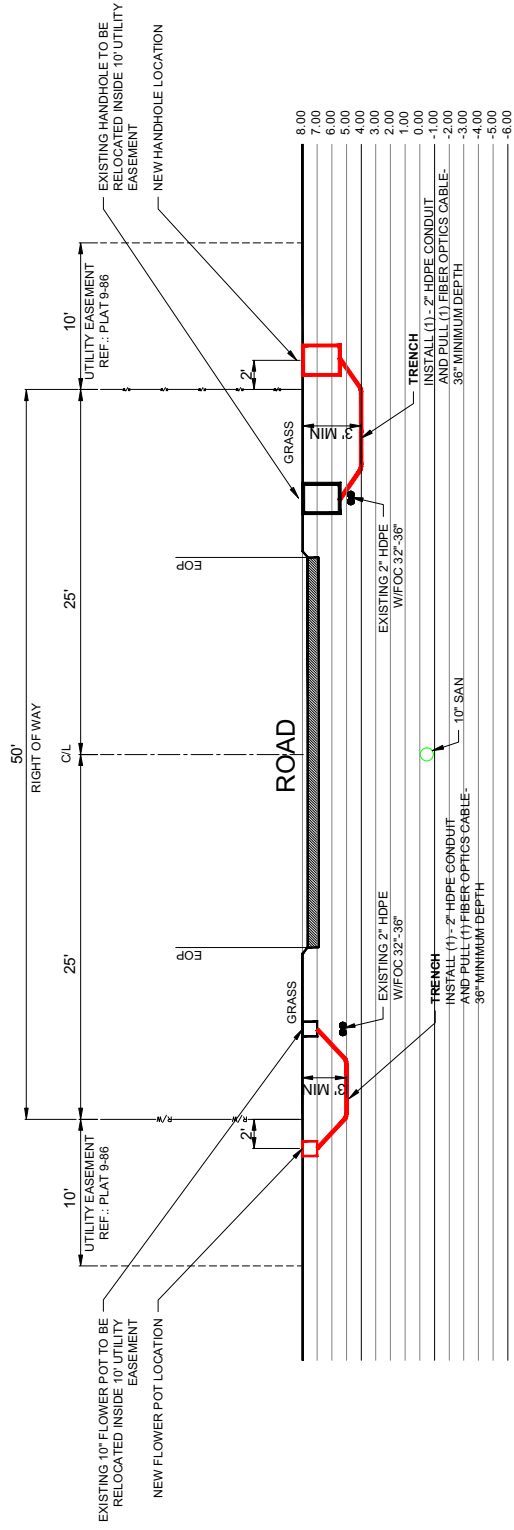
PERMIT 2

BLUE STREAM FIBER  
 12409 NW 35th Street  
 Coral Springs, FL 33065



A03  
 005 OF 007

CYPRESS VILLAGE  
 LCP1



TYPICAL CROSS SECTIONS

BLUE STREAM FIBER  
12409 NW 35th Street  
Coral Springs, FL 33065



CROSS SECTION

006 OF 007

CYPRESS VILLAGE  
LCP1

# 910

**CARSON**<sup>®</sup> Spec Grade

## COVER

Style:	T-Cover
Material:	HDPE
Model:	10" Dia.
Weight:	1 lbs
Std. Fasteners:	3/8" Hex Bolt
Options:	Logos and Special Markings
Surface:	Skid Resistant & Marked
Performance:	Pedestrian, ASTM C857, WUC 3.6

Cover comes standard with permanent markings for manufacturer and model size.

## BODY

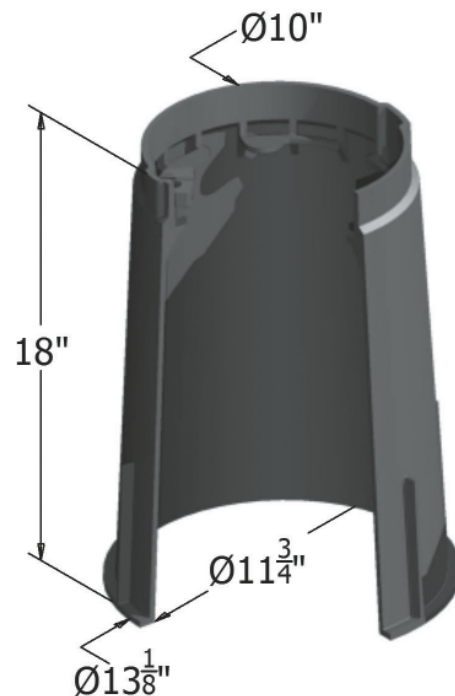
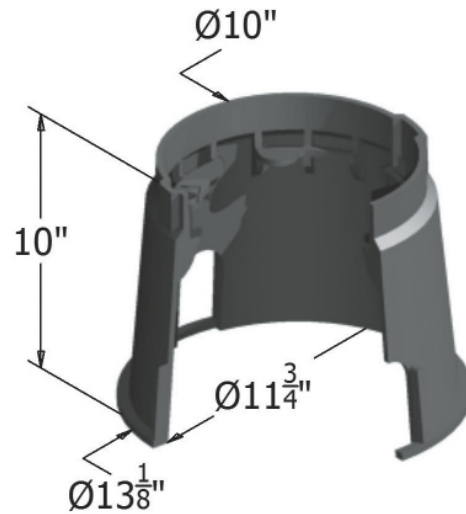
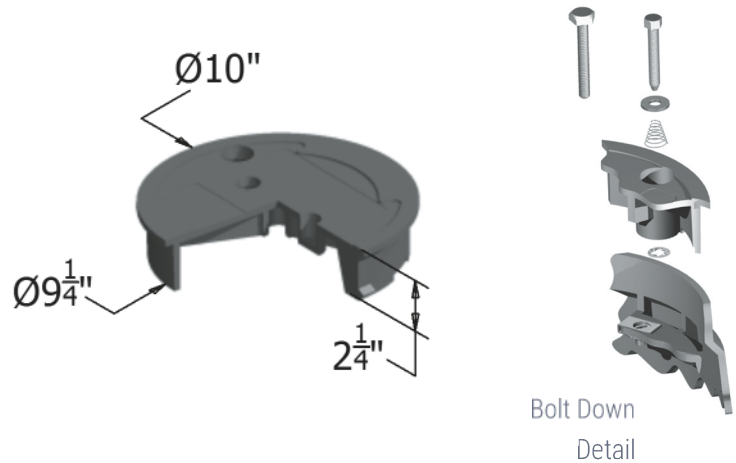
Material:	HDPE
Model:	10" Dia.
Weight:	10" Depth: 3 lbs 18" Depth: 5 lbs
Wall Type:	Flared
Mouseholes:	0 - 2
Performance:	Pedestrian, ASTM C857, WUC 3.6

## LOAD RATING / NOTES



LIGHT DUTY  
PEDESTRIAN / GREENBELT

For use in non-vehicular traffic situations only. Weights and dimensions may vary slightly. Actual load rating is determined by the box and cover combination.



# 910

**CARSON**<sup>®</sup> *Spec Grade*

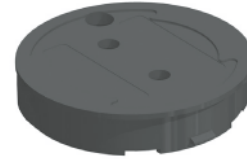
## COVER OPTIONS

HDPE, T-Cover Solid

HDPE, Flush Solid



T-Cover Solid



Flush Solid

## COLOR OPTIONS

Cover: Black, Green, Gray, Tan, Purple

Body: Black, Green, Gray, Tan, Purple

## FASTENER OPTIONS

Hex Head Bolt (A)

Penta Head Bolt (B)

Penta Head Coil Thread Bolt (B)

Oldcastle Vandal Resistant Bolt (C)

Captive Bolt Retainer



Standard Thread



A



B



C



Coil Thread



Bolt Retainer  
(for standard thread)

## ADD ON OPTIONS

Metal Locating Plate

EMS Marker



EMS Marker

**WARNING:** Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

All information contained on this sheet is current at the time of publication.  
Oldcastle reserves the right to discontinue or update product information without notice.

Revision 11/30/18  
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# AP243624P

ITEM	PART NO.	WT.
ASSEMBLY	AP243624P	302 LBS
PALLET QTY	6	1886 LBS
LID	CP2436B	124 LBS
ENCLOSURE	BP243624B	178 LBS

**PART DESCRIPTION:**

24" x 36" x 24"  
 POLYMER CONCRETE ASSEMBLY  
 STRAIGHT WALL, OPEN BOTTOM

**LOAD RATING:**

- TIER 15
- TIER 22

**BOLT DOWN:**

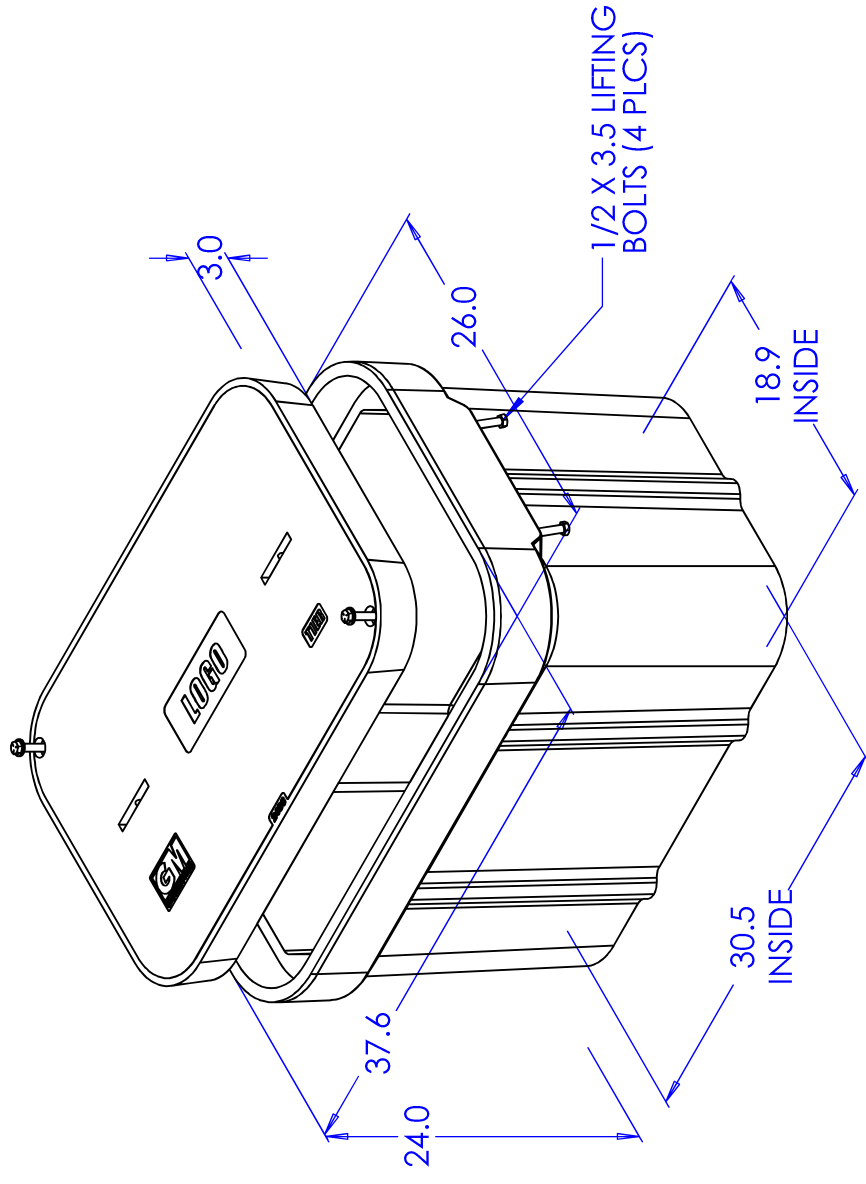
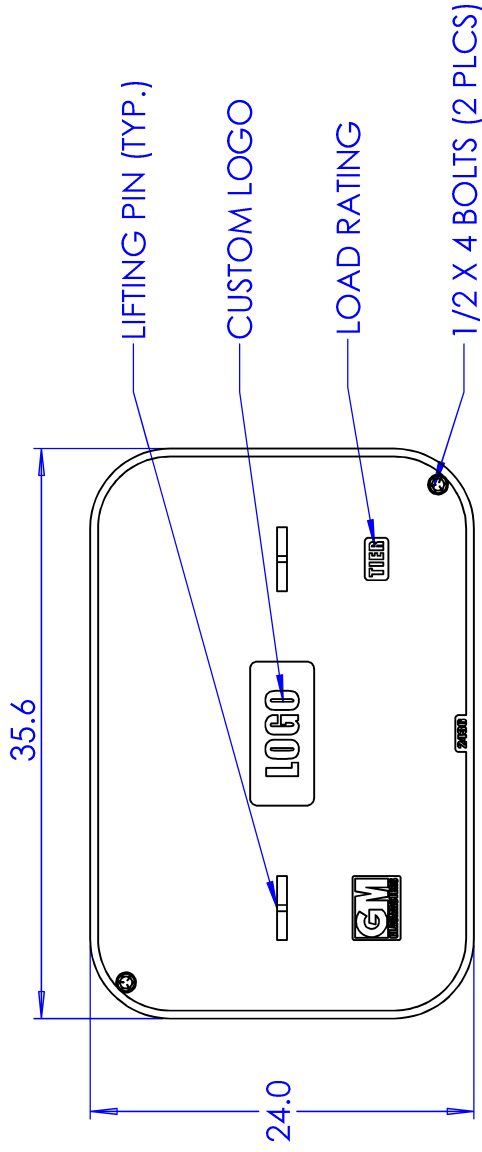
- HEX HEAD (STANDARD)
- PENTA HEAD

**LOGO OPTIONS:**

- ELECTRIC
  - COMMUNICATIONS
  - FIBER OPTICS
  - BLANK
  - WATER
  - LIGHTING
  - STREET LIGHTING
  - CAVITY (LOGO SOLD SEPARATELY)
- \*OTHER OPTIONS AVAILABLE (CONTACT FACTORY)

**AVAILABLE OPTIONS:**

- EMS MARKER, POWER
  - EMS MARKER, TELEPHONE
  - MOUSEHOLES
  - CABLE RACKING (LOC. & QTY. REQ'D.)
  - PULLING EYES
- \*OTHER OPTIONS AVAILABLE (CONTACT FACTORY)



**GLASMASTERS**  
 GLASMASTERS, INC.  
 8873 WESTERN WAY, JAX., FL 32256  
 (904) 400-7100 - (904) 358-1702 FAX  
 WWW.GLASMASTERS.COM

## Molded Polyethylene Handholes for Telecommunications, Utility, Broadband Cable and Municipality Placements

Charles Below Grade Enclosure (CBGE) are lightweight, molded polyethylene handholes available in eight tapered rectangular and two round sizes. Designed for light duty placements (parkway/greenbelt applications), these sturdy below grade enclosures serve a variety of purposes in telecommunications, wireless, utility, CATV and municipality networks.

Constructed from high-density polyethylene (HDPE), Charles Below Grade Enclosures are built to provide years of maintenance-free service and superior shelter for buried network components. CBGE allow technicians easy handhole access to splice cases, control valves, slack cable, and other equipment at network junctions. Molded-in or applied nameplates offer convenient identification, and several security bolt patterns are available.

### MARKETS SERVED:

- Telecom / FTTX
- Utility
- Wireless
- Broadband Cable



Below Grade Enclosures

### FEATURES

- Structurally rugged, non-metallic molded polyethylene material composition produces enclosures that are durable, lightweight, easy to install, and resistant to chemicals and water
- Tapered sides create maximum usable interior space, and allow both rectangular and round enclosures to be nested for compact shipping and storage
- Deep well bottom edges provide long-term stability in below grade placements
- Variety of drop-in or molded-in nameplates are available, with custom nameplates available via special order
- Multiple molded-in colors available - green, gray, and black
- Skid resistant covers improve safety
- Stainless steel bolts
- Integrated EMS detection available

### APPLICATIONS

CBGE are designed to meet or exceed ANSI/SCTE ratings for light duty, pedestrian-only (greenbelt) applications, including:

- Fiber optic and copper slack cable coiling and storage
- Access to sealed cases (splice cases, repeaters, load coils, SmartCoils™, etc.)
- Meter boxes
- Irrigation system and other waterway control valves
- Integrated EMS detection available
- Traffic signal controls
- Ground rods

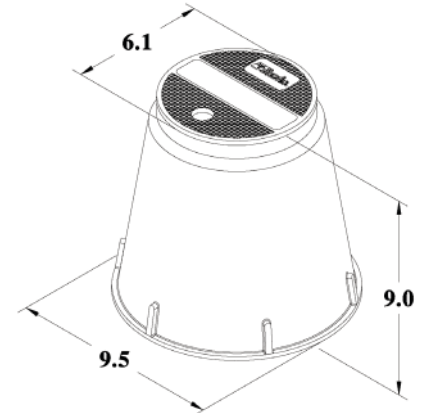
## P060010



**Appx. Dimensions:**  
06"W x 00"L x 10"D

**Cover Weight  
(Overlapping Cover):**  
0.25 lb.  
**Box Weight:**  
1.0 lbs.  
**Assembly Weight:**  
1.25 lbs.

**Pallet Quantity:**  
500  
**Loaded Pallet Weight:**  
675 lbs.



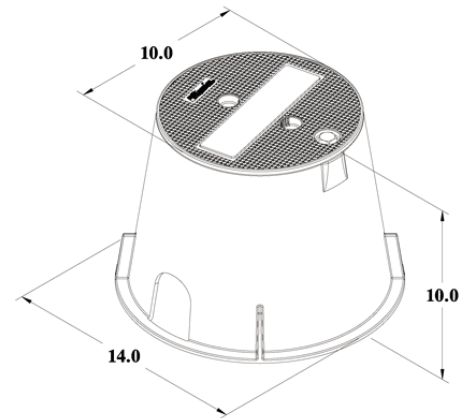
## P100010



**Appx. Dimensions:**  
10"W x 00"L x 10"D

**Cover Weight  
(Overlapping Cover):**  
1 lb.  
**Box Weight:**  
3 lbs.  
**Assembly Weight:**  
4 lbs.

**Pallet Quantity:**  
180  
**Loaded Pallet Weight:**  
770 lbs.



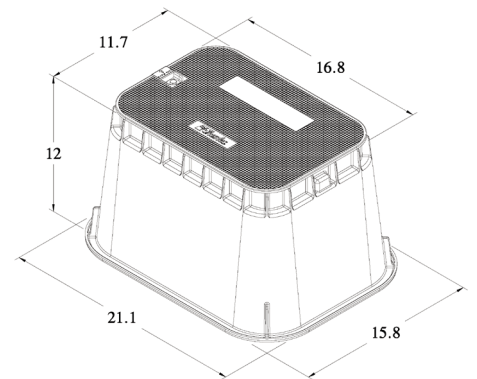
## P141912



**Appx. Dimensions:**  
14"W x 19"L x 12"D

**Cover Weight  
(Overlapping Cover):**  
2 lbs.  
**Box Weight:**  
6 lbs.  
**Assembly Weight:**  
8 lbs.

**Pallet Quantity:**  
78  
**Loaded Pallet Weight:**  
635 lbs.



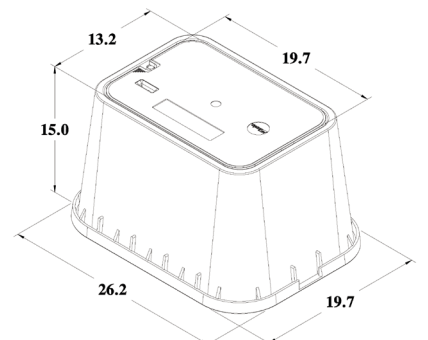
## P142015



**Appx. Dimensions:**  
14"W x 20"L x 15"D

**Cover Weight  
(Overlapping Cover):**  
6 lbs.  
**Box Weight:**  
12 lbs.  
**Assembly Weight:**  
18 lbs.

**Pallet Quantity:**  
100  
**Loaded Pallet Weight:**  
1850 lbs.



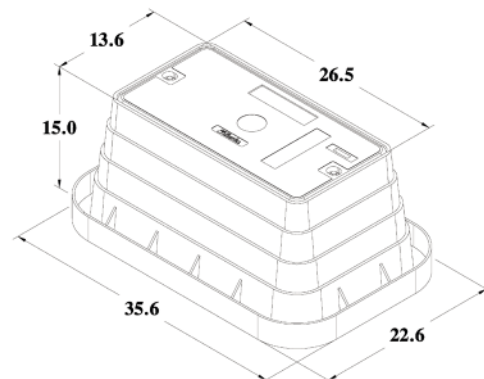
## P132415



**Appx. Dimensions:**  
13"W x 24"L x 15"D

**Cover Weight (Overlapping Cover):**  
5 lbs.  
**Box Weight:**  
19 lbs.  
**Assembly Weight:**  
25 lbs.

**Pallet Quantity:**  
30  
**Loaded Pallet Weight:**  
800 lbs.



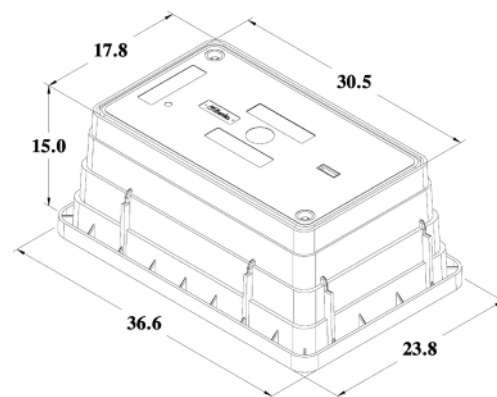
## P173015



**Appx. Dimensions:**  
17"W x 30"L x 15"D

**Cover Weight (Overlapping Cover):**  
11 lb.  
**Box Weight:**  
20 lbs.  
**Assembly Weight:**  
31 lbs.

**Pallet Quantity:**  
20  
**Loaded Pallet Weight:**  
670 lbs.



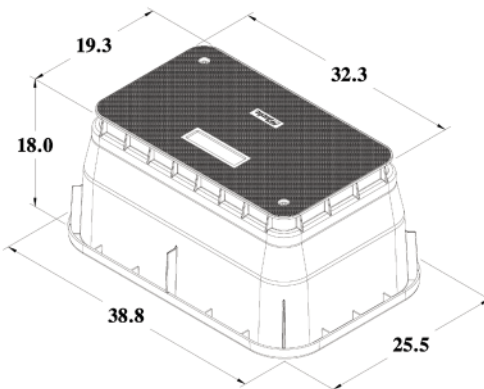
## P173018



**Appx. Dimensions:**  
17"W x 30"L x 18"D

**Cover Weight (Overlapping Cover):**  
11 lbs.  
**Box Weight:**  
21 lbs.  
**Assembly Weight:**  
32 lbs.

**Pallet Quantity:**  
10  
**Loaded Pallet Weight:**  
370 lbs.



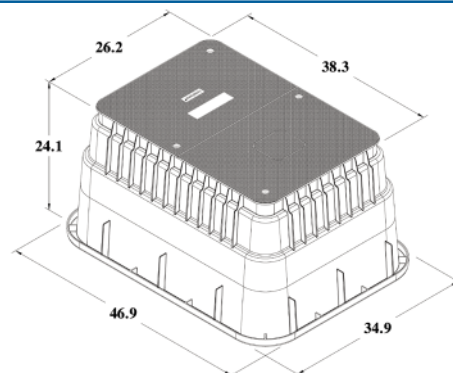
## P243624



**Appx. Dimensions:**  
24"W x 36"L x 24"D

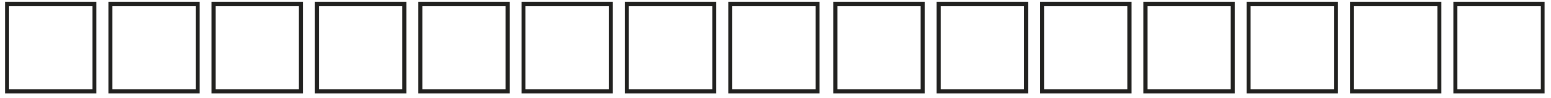
**Cover Weight (Overlapping Cover):**  
20 lbs.  
**Box Weight:**  
47 lbs.  
**Assembly Weight:**  
67 lbs.

**Pallet Quantity:**  
6  
**Loaded Pallet Weight:**  
402 lbs.





# Charles Below Grade Enclosures Part # Nomenclature



**1**                      **2**                      **3**                      **4**                      **5**                      **6**                      **7**                      **8**                      **9**                      **10**                      **11**

**1 – Product**

P = P-Series

**2 – Size - Width\***

06 = 6 inches  
 10 = 10 inches  
 13 = 13 inches  
 14 = 14 inches  
 17 = 17 inches  
 24 = 24 inches

**3 – Size - Length\***

19 = 19 inches  
 20 = 20 inches  
 24 = 24 inches  
 30 = 30 inches  
 36 = 36 inches  
 00 = Round

**4 – Size - Depth\***

10 = 10 inches  
 12 = 12 inches  
 15 = 15 inches  
 18 = 18 inches  
 24 = 24 inches

\*For #2-#4, see inside pages for 8 valid size combinations

**5 – Type**

A = Base/Cover  
 S\*\*\* = Base/2-Piece Split Cover  
 Y\*\* = Base/2-Piece Split Cover with Pedestal Cut-Out 5.75" x 6.25"  
 \*\*Y is only available on 17"x30"x18" & 24"x36"x24"  
 \*\*\*S is only available on 24"x36"x24"

**6 – Base Color\*\*\*\***

B = Black  
 G = Green  
 E = Gray  
 \*\*\*\*Models with Overlapping Covers are available with Black (B) Base Color option only.

**7 – Cover Color**

G = Green  
 E = Gray

**8 – Option\*\*\*\*\***

M = Tapered w/Mouse Hole  
 T = Tapered (std.)  
 \*\*\*\*\*Mouse hole option is only available on 6" and 10" round, and 14"x19"x12" and 14"x20"x15" rectangle sizes.

**9 – Bolt Type**

E = Edison Penta-head  
 H = Hex-head  
 R = REA Penta-head  
 X = None

**10 – EMS Detection**

T = Telephone  
 P = Power  
 X = None

**11 – Name Plate/Customer**

CA = CATV  
 CU = COMMUNICATIONS  
 EL = ELECTRIC  
 FO = FIBER OPTIC  
 GA = GAS  
 GD = GROUND  
 LT = LIGHTING  
 PW = POWER  
 TE = TELEPHONE  
 XX = Blank (Filler)  
 -- = Empty

**Name Plate Examples**



Charles CBGE are for use in non-vehicular traffic placements only (parkway/greenbelt placements). We do not recommend installation in concrete or asphalt. Dimensions may vary marginally.

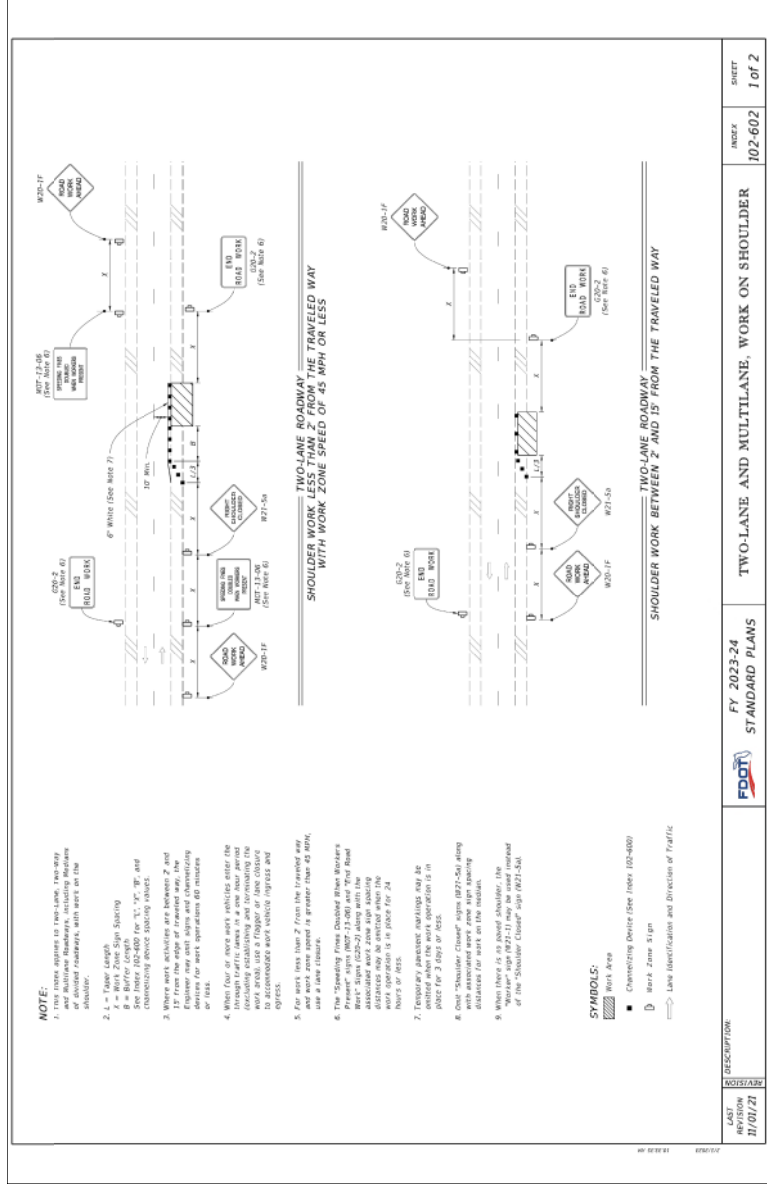
Please call (847) 806-6300 for sales assistance and additional product information, including availability of custom options.

**Charles Industries, LLC**  
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 1450 American Lane, 20th Floor, Schaumburg, IL 60173

[mktserv@charlesindustries.com](mailto:mktserv@charlesindustries.com)

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**NOTE:**

1. THE INDEX SIGNATURE IS TWO-LANE. THIS WAY SIGN IS NOT REQUIRED FOR ONE-WAY ROADWAYS AT APPROXIMATELY 200 FEET FROM THE SHOULDER.
2. L = TRUCK LENGTH
3. Z = WORK ZONE SIGN SPACING
4. SEE INDEX 102-600 FOR "X", "Y", "R", "S", AND "T" SPACING ALONG SHOULDER.
5. WORKER WORK ACTIVITIES ARE BETWEEN Z AND 15 FEET FROM THE TRAVELED WAY. ENGINEER MAY ADD SIGN AND CHARACTERISTICS DEVICES FOR WORK OPERATIONS OR STRUCTURES AS NEEDED.
6. ADVANCE WARNING SIGN SPACING MUST BE DETERMINED BY THE ENGINEER. THE SIGN SPACING SHOULD BE DETERMINED BY THE ENGINEER TO BE ACCORDANCE WITH AASHTO 102-600 AND 102-601.
7. FOR WORK LESS THAN Z FROM THE TRAVELED WAY AND WORK ZONE SPEED IS GREATER THAN 45 MPH, THE SIGN SPACING MUST BE DETERMINED BY THE ENGINEER.
8. THE "SHOULDER CLOSED" SIGN (R27-5a) MUST BE PLACED AT THE END OF THE SHOULDER. THE "ROAD CLOSED" SIGN (R27-2a) MUST BE PLACED AT THE END OF THE ROAD. THE "ROAD CLOSED" SIGN (R27-2a) MUST BE PLACED AT THE END OF THE ROAD. THE "ROAD CLOSED" SIGN (R27-2a) MUST BE PLACED AT THE END OF THE ROAD.
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**SYMBOLS:**

- Changeable Device (See Index 102-400)
- D Area 5 sign
- Lane Identification and Direction of Traffic

LAST REVISION	NO. 102-600	INDEX	102-602	SHEET	1 of 2
11/01/21		TWO-LANE AND MULTILANE, WORK ON SHOULDER			
FY 2023-24 STANDARD PLANS					
FDOT					

