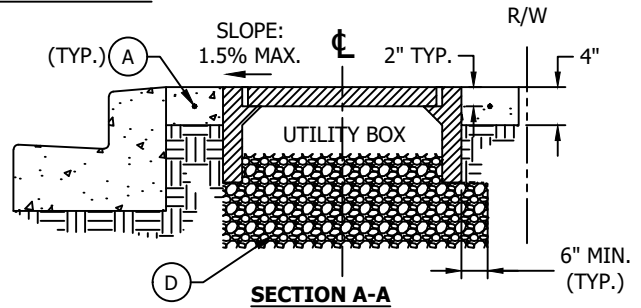


PLAN VIEW: PULL-BOX IN SIDEWALK



CONSTRUCTION NOTES:

- (A) #4 REBAR SHALL BE INSTALLED WHENEVER UTILITY BOX OCCUPIES MORE THAN 70% OF PARKWAY DIMENSION "P".
- (B) INSTALL PULL-BOX. BOX LID SHALL BE MARKED WITH APPROVED INDUSTRY WORDING. BOX SIZE DETERMINED BY EQUIPMENT REQUIREMENTS. LOCATION OF UTILITY BOXES SHALL BE ADJACENT TO CURB UNLESS OTHERWISE APPROVED BY ENGINEER. IF LOCATED WITHIN ROADWAY, BOX LID TO BE TRAFFIC-RATED.
- (C) SAW CUT. FOR SIDEWALK AND PARKWAY CUTS, REMOVE TO EXISTING JOINT.
- (D) ALL UTILITY BOXES SHALL BE PLACED ON A COMPACTED 6" MINIMUM 3/4" CRUSHED ROCK BEDDING OVER 95% COMPACTED SUBGRADE. WATER METER BOXES EXCLUDED (SEE WATER STANDARD PLANS).
- (E) BRASS OR STAINLESS STEEL STUD BOLTS, NUTS AND WASHERS, 2 PER BOX. RECESS IN COVER FOR NUT.

SPECIAL PROVISIONS

1. SIDEWALK RESTORATION SHALL BE PER STANDARD PLAN MBSI-112A (ST-2) AND SHALL BE SAW CUT PERPENDICULAR TO CURB FACE & REMOVED PENDING DISCRETION OF THE CITY INSPECTOR OR ENGINEER.

GENERAL NOTES:

1. THE LIMITS OF SAW CUT REMOVAL IS TO THE DISCRETION OF THE CITY INSPECTOR OR ENGINEER.

NOT TO SCALE



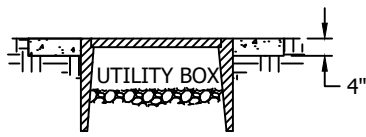
DATE REVISED
08/24/2021

**CITY OF MANHATTAN BEACH
DEPARTMENT OF PUBLIC WORKS**

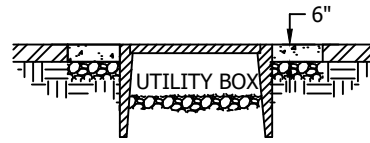
UTILITY BOX INSTALLATION

APPROVED BY
[Signature]
PREM KUMAR, P.E., CITY ENGINEER
09/20/2021
DATE

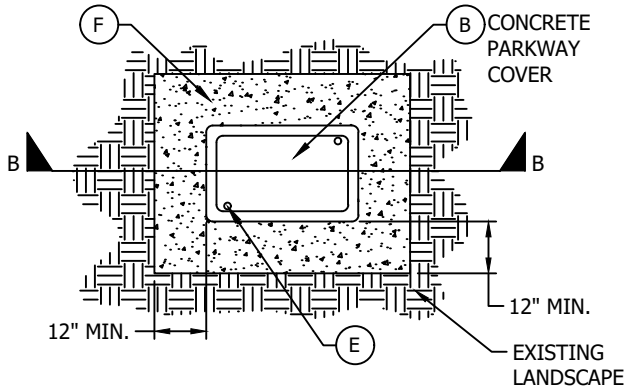
STANDARD PLAN NUMBER
MBSI-190A-0
SHEET 1 OF 2



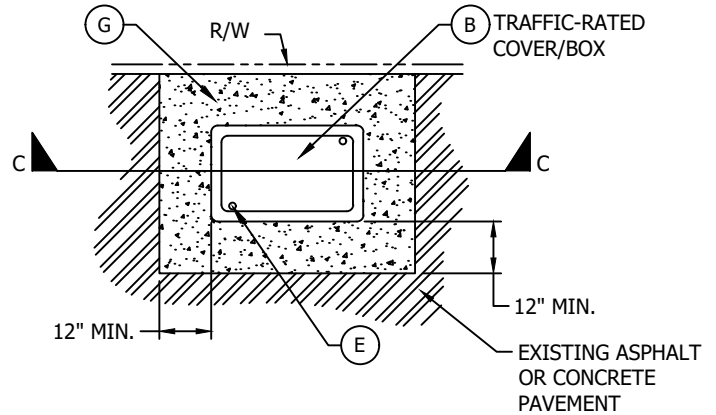
SECTION B-B



SECTION C-C



PLAN VIEW: PULL-BOX IN LANDSCAPE



PLAN VIEW: PULL-BOX IN PAVEMENT

CONSTRUCTION NOTES:

- (A) #4 REBAR SHALL BE INSTALLED WHENEVER UTILITY BOX OCCUPIES MORE THAN 70% OF PARKWAY DIMENSION "P".
- (B) INSTALL PULL-BOX. BOX LID SHALL BE MARKED WITH APPROVED INDUSTRY WORDING. BOX SIZE DETERMINED BY EQUIPMENT REQUIREMENTS. LOCATION OF UTILITY BOXES SHALL BE ADJACENT TO CURB UNLESS OTHERWISE APPROVED BY ENGINEER. IF LOCATED WITHIN ROADWAY, BOX LID TO BE TRAFFIC-RATED.
- (C) SAW CUT. FOR SIDEWALK AND PARKWAY CUTS, REMOVE TO EXISTING JOINT.
- (D) ALL UTILITY BOXES SHALL BE PLACED ON A COMPACTED 6" MINIMUM 3/4" CRUSHED ROCK BEDDING OVER 95% COMPACTED SUBGRADE. WATER METER BOXES EXCLUDED. (SEE WATER STANDARD PLANS)
- (E) BRASS OR STAINLESS STEEL STUD BOLTS, NUTS AND WASHERS, 2 PER BOX. RECESS IN COVER FOR NUT.
- (F) NEW 4" MINIMUM CONCRETE SHALL BE 560-C-3250, CURED WITH WHITE PIGMENTED CURING COMPOUND OVER 95% COMPACTED SUBGRADE.
- (G) NEW 6" MINIMUM PCC PAVEMENT SHALL BE 560-C-3250 ON COMPACTED 6" MINIMUM 3/4" CRUSHED ROCK BEDDING OVER 95% COMPACTED SUBGRADE.

SPECIAL PROVISIONS

- 1. PAVEMENT RESTORATION SHALL BE PER STANDARD PLAN MBSI-132A (ST-10) & MBSI-133A AND SHALL BE SAW CUT PERPENDICULAR TO CURB FACE & REMOVED PENDING DISCRETION OF THE CITY INSPECTOR OR ENGINEER.

GENERAL NOTES:

- 1. THE LIMITS OF SAW CUT REMOVAL IS TO THE DISCRETION OF THE CITY INSPECTOR OR ENGINEER.

NOT TO SCALE



DATE REVISED
08/24/2021

**CITY OF MANHATTAN BEACH
DEPARTMENT OF PUBLIC WORKS**

UTILITY BOX INSTALLATION

APPROVED BY
[Signature]
PREM KUMAR, P.E., CITY ENGINEER
09/20/2021
DATE

STANDARD PLAN NUMBER
MBSI-190A-0
SHEET 2 OF 2