RECOMMENDED PUSHBUTTON LOCATIONS

Crosswalk

For crossing this street

F

P

E

B

A

D

PBL 1

Detectable Warning Surface

PBL 1

For crossing this street

PBL 2

Sidewalk

Crosswalk

F

A

E

B

D

PBL 2

G

P

Sidewalk

LEGEND

☐   Pedestrian pushbutton

↑   R10-3 series sign

○   Pole or pedestal

▦   Ramp landing with 2% max. slope

▭   Ramp

PBL   Pushbutton landing with 2% max. slope
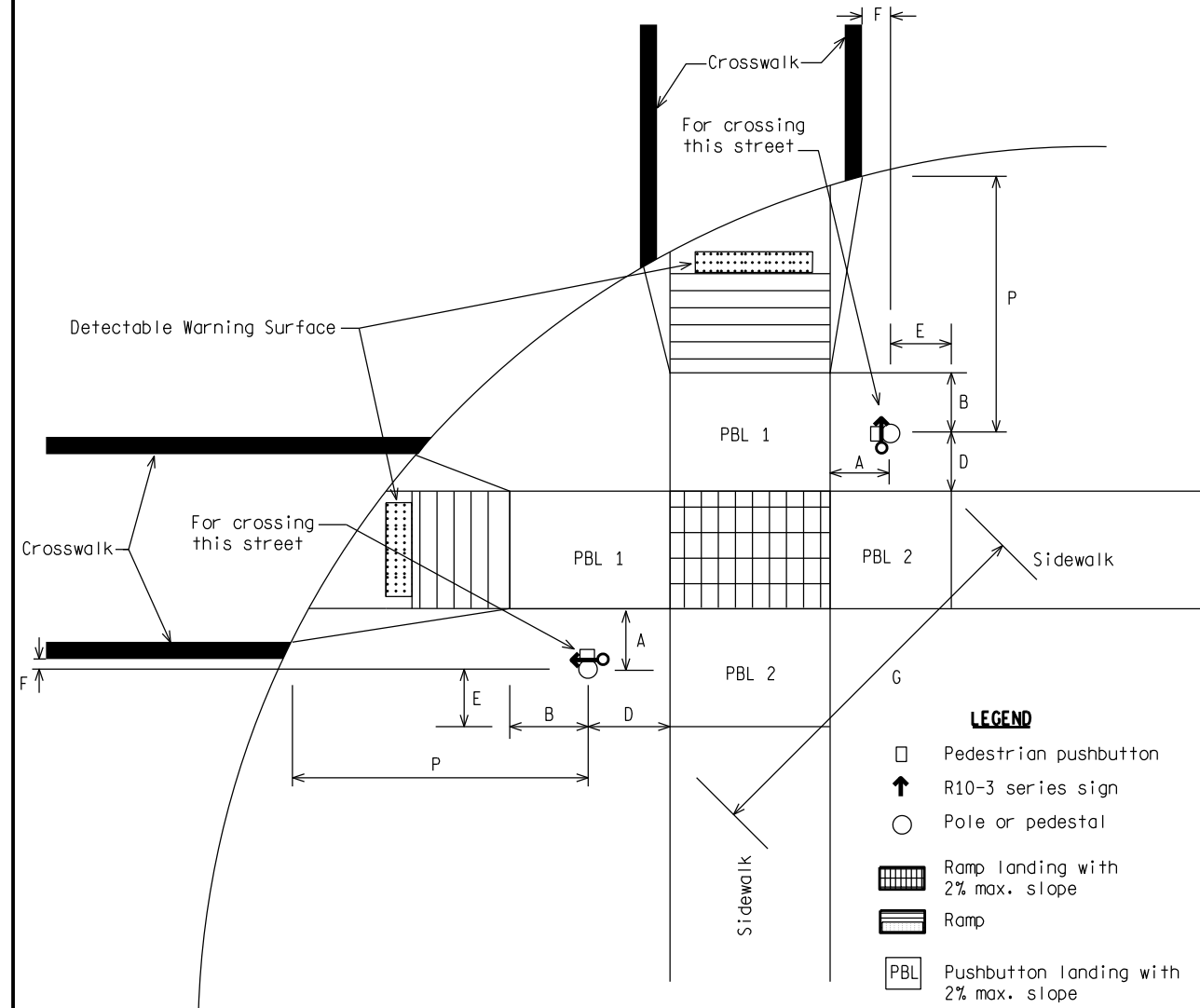
PLAN VIEW OF TYPICAL QUADRANT

NOTES:

PBL1 is the preferred location for the pushbutton landing.
If PBL1 is chosen, then:
A = 2' maximum
B = D = 2' minimum

If PBL2 is chosen, then:
D = 2' maximum (1' maximum is preferred)
A = E = 2' minimum
E = 2' minimum

P = 6' maximum preferred distance from pushbutton to back of curb
If P exceeds 6', then the required pedestrian walk time must be evaluated and increased if necessary.

F = 5' maximum preferred distance from crosswalk to pushbutton.
If F exceeds 5', then the required pedestrian walk time must be evaluated and increased if necessary.

G = 10' minimum <u>required</u> separation of <u>audible pushbuttons</u> on the same quadrant.

G = 10' minimum preferred separation of non-audible pushbuttons on the same quadrant.

File: PW:Reference Documents/Traffic Reference/Signals/Design Guides/Final/SIG-DESIGN-120-A.dgn

DESCRIPTION	DATE
INITIAL POST TO WEB	02/15/11
REVISED	02/21/12
REVISED	11/18/14

MDOT
Michigan Department of Transportation

TRAFFIC SIGNAL DESIGN

DRAWN BY:
CHECKED BY:

PUSHBUTTON DESIGN

SIG-DESIGN-120-A

SHEET 1 of 2

NOT TO SCALE

MICHIGAN DEPARTMENT OF TRANSPORTATION
TRAFFIC & SAFETY

DESIGN GUIDE

File:PW:RD/TR/Signals/Design Guides/Final/SIG-DESIGN-120-A.dgn Rev. 11/18/14

PLAN DATE

SIG-DESIGN-120-A

SHEET 2 of 2