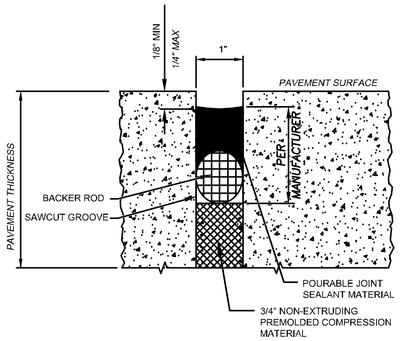
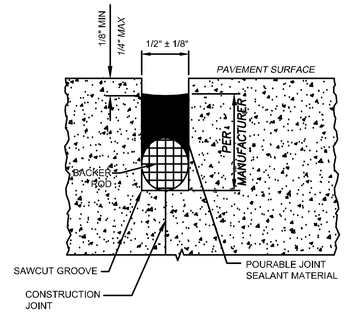


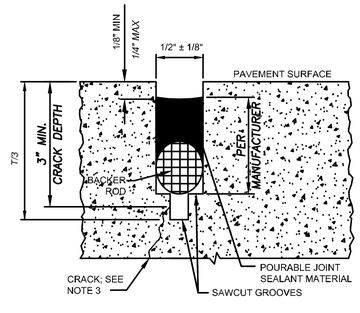
EXPANSION / ISOLATION JOINT TYPE A

NOT TO SCALE



CONSTRUCTION JOINT TYPE E

NOT TO SCALE



CONTRACTION JOINT TYPE C AND TYPE D

NOT TO SCALE

DETAILS OF JOINT SEALS IN PCC PAVEMENT

1 NOT TO SCALE

GENERAL NOTES:

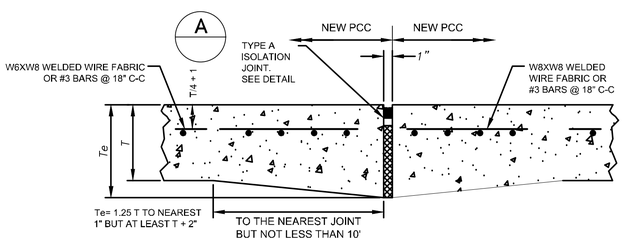
1. CONTRACTOR MAY INTERCHANGE CONSTRUCTION JOINTS AND CONTRACTION JOINTS PER OWNER APPROVED SHOP DRAWINGS.
2. IF CONTRACTION CRACK IS LESS THAN 3" FROM TOP OF SURFACE, PANEL WILL BE EVALUATED FOR ACCEPTANCE BY THE OWNER.
3. SEALANT RESERVOIR SHALL BE SIZED TO PROVIDE PROPER SHAPE FACTOR, WIDTH:DEPTH, PER MANUFACTURER'S RECOMMENDATION.
4. BACKER ROD MUST BE COMPATIBLE WITH THE TYPE OF LIQUID SEALANT USED AND SIZED TO PROVIDE THE DESIRED SHAPE FACTOR.

DRILLING AND INSTALLING DOWEL BARS NOTES:

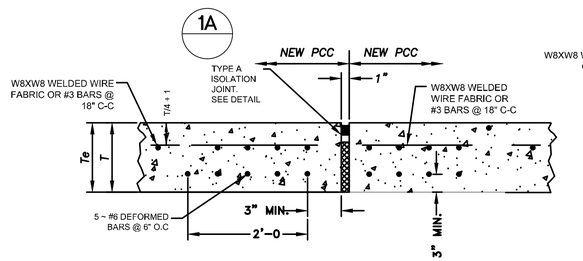
1. DRILLING METHOD SHALL BE CAPABLE OF MAINTAINING DRILL HOLES PARALLEL TO THE CONCRETE SURFACE AND NORMAL TO THE JOINT LINE WITHIN ±1/4" AT THE END OF THE DOWEL BAR. DRILL HOLES SHALL BE ACCURATELY LAID OUT SO THAT THE MAXIMUM DEVIATION DOES NOT EXCEED 1". DRILL HOLES DIAMETER TO BE APPROXIMATELY d+1/2".
2. AFTER DRILLING IS COMPLETE AND PRIOR TO INSTALLATION OF THE DOWELS THE HOLES SHALL BE THOROUGHLY CLEANED TO REMOVE DRILLING DUST CONCRETE CHIPS AND ANY MATERIAL DETRIMENTAL TO DEVELOPING BOLD.
3. EPOXY MORTAR SHALL BE INSERTED INTO THE BACK OF THE DOWEL HOLE BY INJECTION NOZZLE AND SUFFICIENT MORTAR PLACED IN THE HOLE SO THAT A SLIGHT AMOUNT OF MORTAR WILL BE FORCED OUT WHEN THE DOWEL IS INSERTED AND TAPPED TO THE CORRECT POSITION. SMALL WEDGES MAY BE USED TO SUPPORT THE DOWEL IN THE CORRECT ALIGNMENT UNTIL THE MORTAR HARDENS.
4. EPOXY OPERATION TO BE PERFORMED IN A MANNER THAT ALL VOIDS AROUND THE BAR ARE COMPLETELY FILLED WITH EPOXY.

T= 11.25"

1



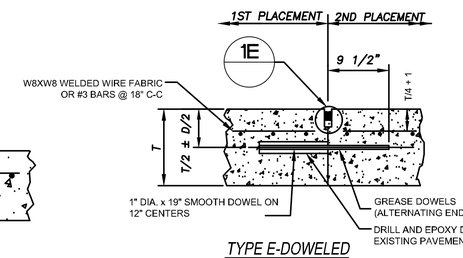
TYPE A THICKENED EDGE ISOLATION JOINT



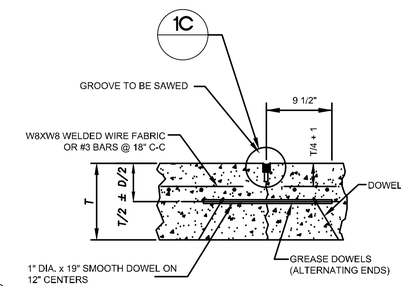
TYPE A1 REINFORCED EDGE ISOLATION JOINT (ALTERNATIVE TO THICKENED EDGE JOINT)

2 ISOLATION JOINT

NOT TO SCALE



TYPE E-DOWELED



TYPE C-DOWELED

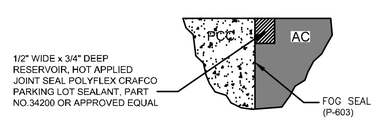
3 CONSTRUCTION JOINT

NOT TO SCALE

4 CONTRACTION JOINT

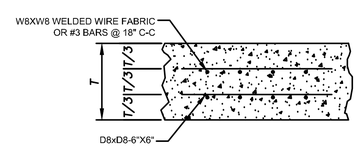
NOT TO SCALE

NOTE:
THE JOINT SEAL APPLIES TO ALL LOCATIONS WHERE NEW PCC AND NEW AC ARE ADJACENT TO EACH OTHER.



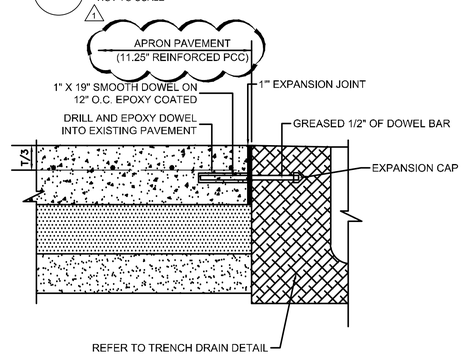
6 ASPHALT/PCC JOINT DETAIL

NOT TO SCALE



7 DOUBLE REINFORCED CONCRETE

NOT TO SCALE



8 TYPE E1 EXPANSION JOINT

N.T.S.

No.	REVISIONS	DATE	BY
1	ASI-C001	02/11/2020	JM

Kimley»Horn

© 2019 KIMLEY-HORN AND ASSOCIATES, INC.
1400 WOODLOCH FOREST DRIVE, SUITE 225
THE WOODLANDS, TX 77380
PHONE: 281-297-6040
TBPE FIRM REGISTRATION #F-928
WWW.KIMLEY-HORN.COM

STATE OF TEXAS
JOSEPH J. MALO
80953
PROFESSIONAL ENGINEER
02/05/20

KHA PROJECT 067792503
DATE 12/11/2019
SCALE AS SHOWN
DESIGNED BY HCV
DRAWN BY EC EAC
CHECKED BY HCV

AIRSIDE JOINT DETAILS

ADDISON GALAXY FBO
15601 ADDISON RD.
PREPARED FOR
BLACK FOREST VENTURE
ADDISON DALLAS, TEXAS

SHEET NUMBER
C06.03

Plotted By:Acevedo, Eliath Sheet Set:Kha Layout:C06.03 February 12, 2020 07:26:36am K:\WDL_Aviation\067792503 - Addison Galaxy FBO\ACAD\dwg\Sheets\C06.00 AIRSIDE JOINT DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.