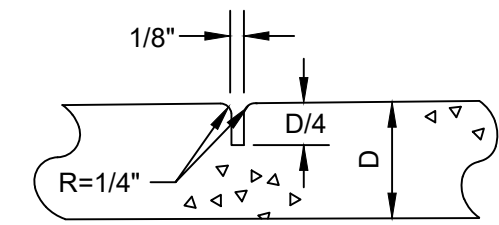
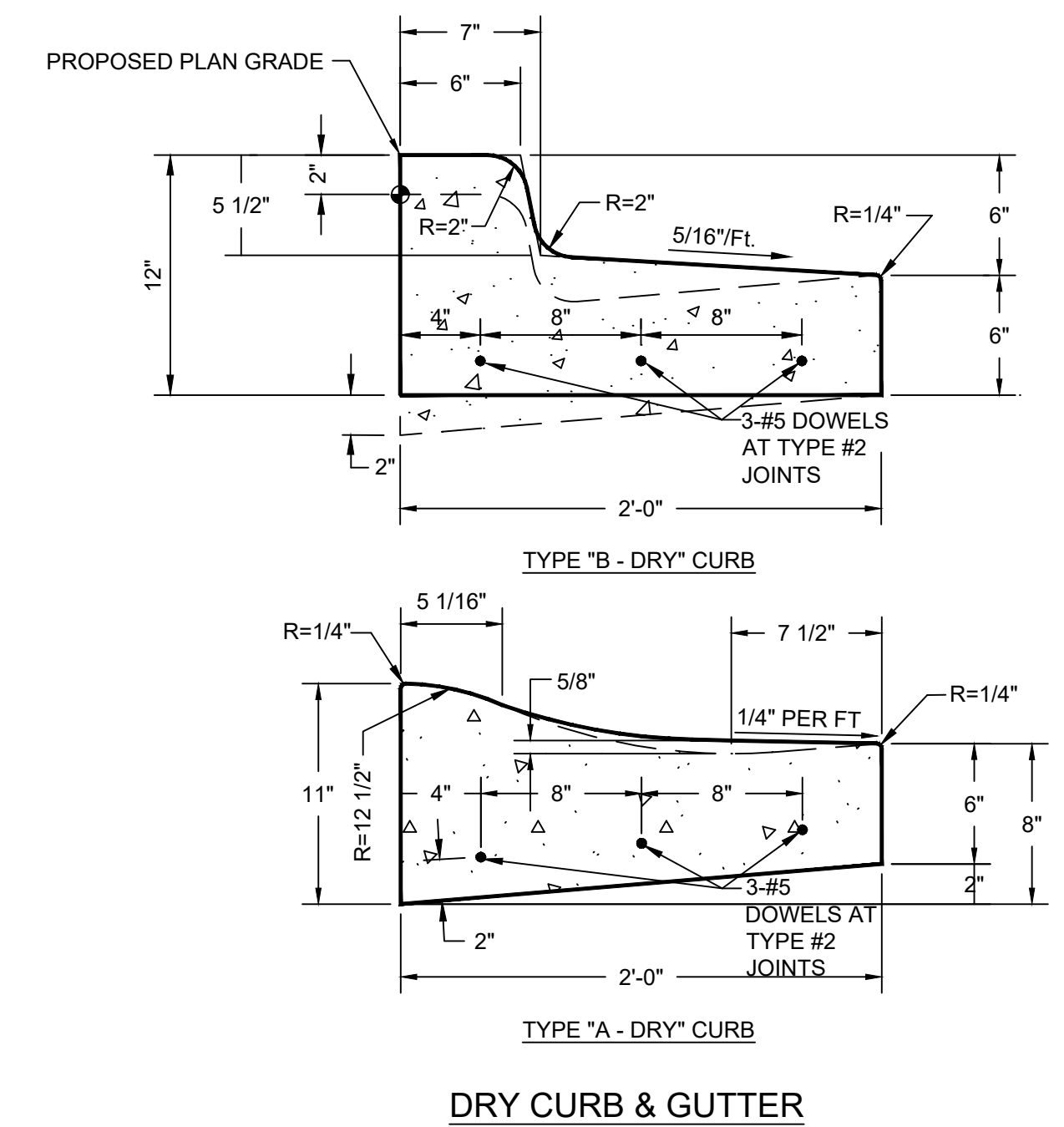


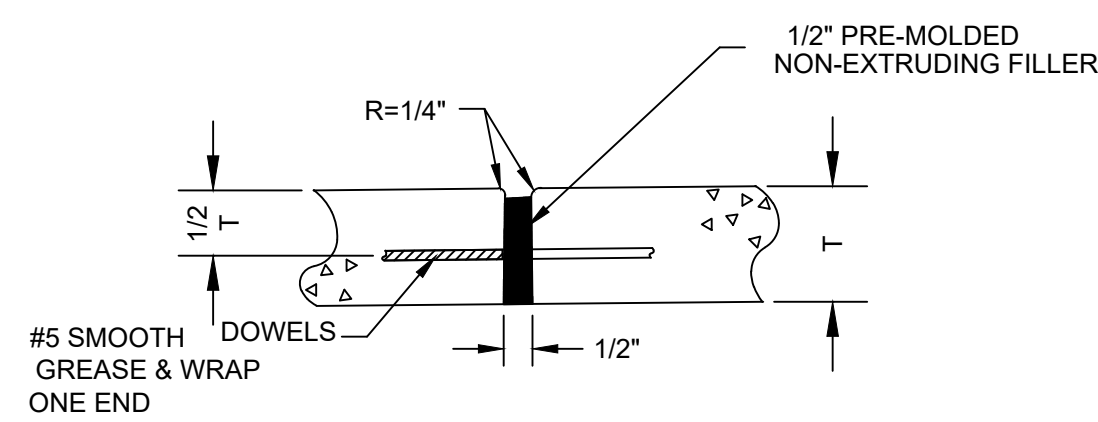
CONCRETE CURB & GUTTER DETAILS

- NOTES:
1. ALL CONCRETE SHALL BE KCMMB-4K
 2. ALL JOINTS WITH EXISTING CURB SHALL BE TYPE 2 JOINTS.
 3. A TYPE 2 JOINT SHALL BE PLACED AT ALL CURB RETURNS.
 4. A TYPE 1 JOINT SHALL BE PLACED AT 10' CENTERS.
 5. TYPE "E" CURB SHALL NOT BE USED WITHOUT APPROVAL OF THE ENGINEER.
 6. AB-3 MAY BE USED AS A LEVELING COURSE TO BRING SUBGRADE TO PROPER ELEVATION. (6" MAX.)
 7. IN TRANSITIONS, WATER SHALL FLOW FROM THE GUTTER OF TYPE "A" CURB TO THE LIP OF TYPE "A-DRY" CURB AT 0.5% MIN. SLOPE.
 8. A "TOOL" JOINT SHALL BE PLACED EVERY 50 FEET DURING PLACEMENT.



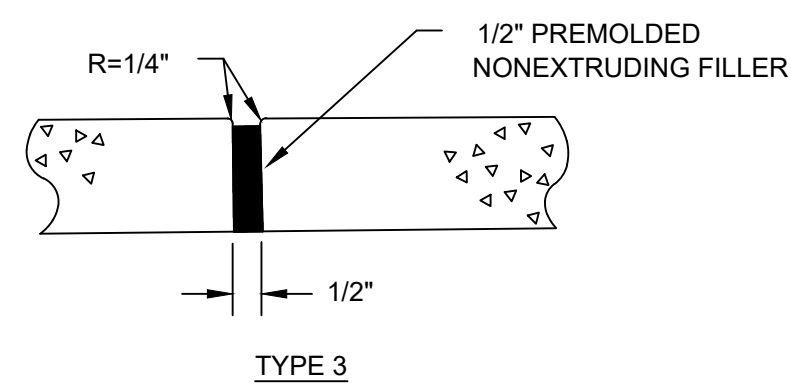
TYPE 1

- NOTES:
1. TYPE 1 JOINTS MAY BE CONSTRUCTED WITH A GROOVING TOOL OR WITH A CONCRETE SAW AFTER THE CONCRETE IS SET.
 2. TYPE 1 JOINTS SHALL BE PLACED AT 10' CENTERS



TYPE 2

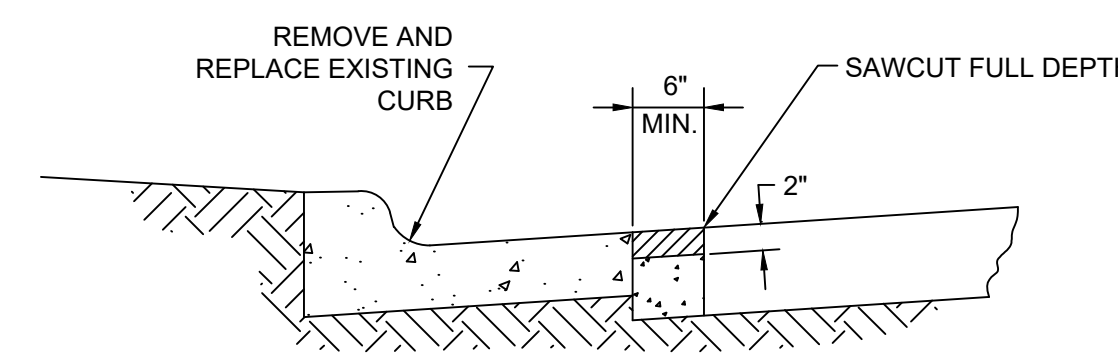
- NOTES:
1. TYPE 2 JOINTS SHALL BE PLACED @ ALL P.C.'s, P.T.'s AND TRANSITIONS, AND WHERE NEW CURB OR PAVEMENT TIES INTO EXISTING CURB.
 2. SMOOTH BARS SHALL BE 24" LONG.
 3. DOWEL BARS SHALL BE LEVEL WHEN PLACED.



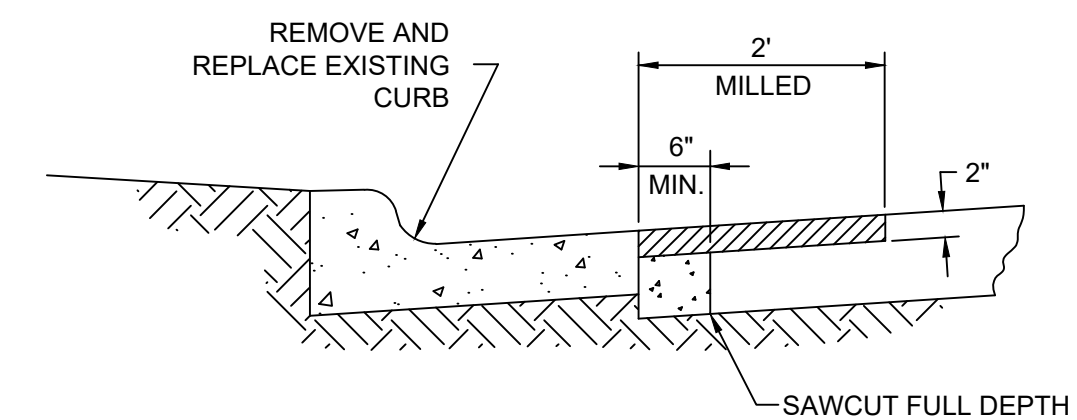
TYPE 3

- NOTE:
1. TYPE 3 JOINTS SHALL BE PLACED WHERE NEW CONCRETE ABUTS EXISTING CONCRETE. SIDEWALKS AND DRIVEWAYS ONLY.

JOINT DETAILS

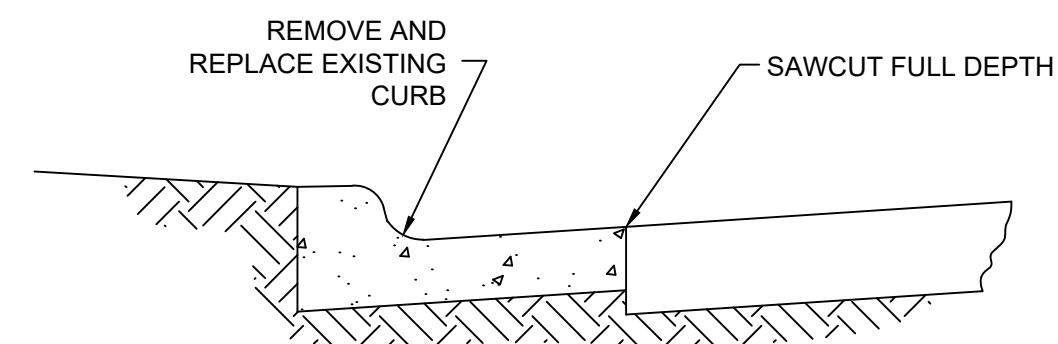


TYPE 1 CURB REMOVAL
(CURB RUNS OVER 30' CONTINUOUS)



TYPE 2 CURB REMOVAL
(ONLY WHEN SPECIFIED)

- REMOVE AND REPLACE ASPHALTIC CONCRETE SURFACE COURSE
- REMOVE AND REPLACE BASE COURSE - KCMMB-4K CONCRETE
- * MATCH EXISTING THICKNESS, (6" MIN.)



TYPE 3 CURB REMOVAL
(ONLY WHEN SPECIFIED)

- NOTES:
1. SAWCUT SHALL BE MADE WITH A CONCRETE SAW MEETING THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
 2. CURB SHALL BE REMOVED IN 5' SECTIONS AT A MINIMUM AND TO THE NEAREST JOINT, AND THE JOINT SHALL BE SAW CUT TO FULL DEPTH.
 3. REPLACE ANY CONDUIT MARKERS THAT ARE DISTURBED DURING CURB REMOVAL AND REPLACEMENT.

CURB REMOVAL DETAILS

REVISED DATE:	08/17	
DETAILED:	BKC	
APPROVED:	---	
CURB & GUTTER AND JOINT DETAILS		SHEET D-104