



VILLAGE OF COVINGTON
ZONING AND PLANNING BOARD
ANNUAL APPLICATION FOR CONCRETE CONTRACTORS LICENSE

BUSINESS NAME: _____

ADDRESS: _____

BUSINESS PHONE: _____ FAX: _____ E-MAIL: _____

NAME OF PERSON AUTHORIZED TO OBTAIN LICENSE: _____

Additional Requirements

1. Annual Fee of \$50.00
2. Liability Insurance \$500,000 per person, \$1,000,000 per accident, \$50,000 property damage.
3. Workers Compensation Certificate if applicable.
4. Bond or Certified Check in amount of \$3,000.00

The undersigned hereby applies for a Concrete Contractors License and hereby agrees to be subject to and conform to all rules and specifications of the Village of Covington and has received the concrete specifications packet.

Name (please print)

Phone Number

Signature

Date

Previously Licensed by the Village

Yes

No

If no please provide a minimum of three addresses where you are the responsible party for the installation of sidewalk or curb and gutter.

Items Submitted: fee

Bond/certified check
Insurance
Workers Comp

Approval:

Village Administrator _____
Zoning Bd. _____

CONCRETE CURB DETAILS

300-5

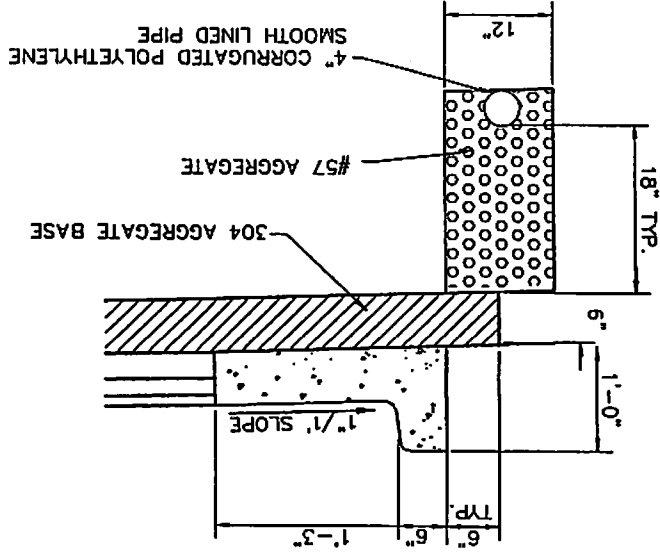
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APPROVED: FEB. 2002

DATE

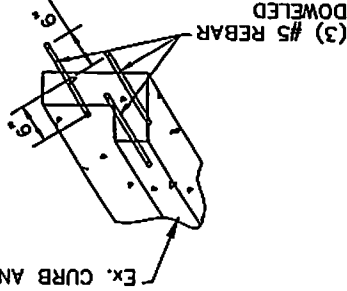
REVISIONS: 10-4-12

4" SHALLOW PIPE UNDERDRAIN DETAIL (REQUIRED ON ALL ROADWAYS)

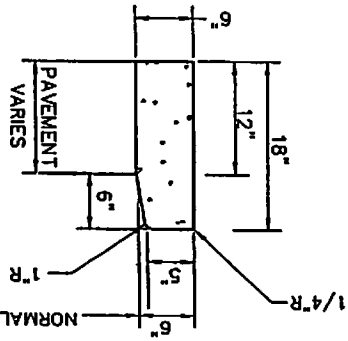


1. #5 REBAR IS TO BE USED WHEREVER PROPOSED CURB/SIDEWALK/DRIVE IS TYNG INTO EX. CURB/SIDEWALK/DRIVE.
2. BORE A 3/4" HOLE 2" LONGER THAN DOWEL EXTENSION 8" INTO EXISTING CONCRETE. CAULK DOWEL OPENINGS CLOSED TO PREVENT CONCRETE/CEMENT SLURRY FROM ENTERING DOWEL HOLE TO ALLOW FOR EXPANSION. INSTALL A 2" EXPANSION JOINT.
3. ALL REBAR TO BE CHAIRED UP.

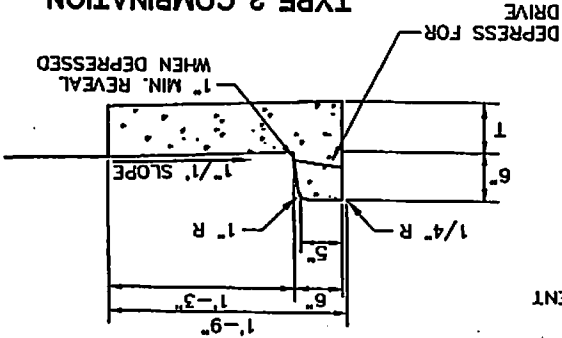
REINFORCING BAR DETAIL



TYPE 6 BARRIER CURB



TYPE 2 COMBINATION CURB AND GUTTER



- NOTES**
- A. CONCRETE WORK SHALL MEET THE REQUIREMENTS SET FORTH IN ODOT ITEM 609 CURBING.
 - B. CURBING SHALL HAVE CONTRACTION JOINTS EVERY 10'.
 - C. MINIMUM OF 6" OF ODOT 304 SHALL BE PLACED UNDER CURBING.
 - D. CURBING SHALL BE BACKFILLED IMMEDIATELY AFTER FORMS ARE REMOVED OR AS SOON AS PRACTICAL WHEN SUP FORMING PRIOR TO OTHER CONSTRUCTION OPERATIONS.
 - E. PROVIDE BROOM FINISH AND EDGING TO ALL EXPOSED SURFACES.
 - F. APPLY CLEAR CURING COMPOUND ON ALL SURFACES INCLUDING BACK IMMEDIATELY AFTER FINISHING SURFACES. ANY OTHER METHOD OR TYPE OF CURING COMPOUND MUST BE PREAPPROVED.
 - G. CONCRETE SHALL BE ODOT CLASS C WITH 1.5LB FIBER MESH PER CUBIC YARD AND REINFORCED WITH #5 REBAR PER DETAIL (4000 PSI, 600LB/CY CEMENT). PROPORTIONING OPTIONS 1 AND 2 NOT ALLOWED.
 - H. CONCRETE SHALL CONTAIN 6% ± 1% OF TOTAL AIR.
 - I. TYPE 6 CURBS ARE FOR USE AROUND MEDIUM SECTION.
 - J. UNDERDRAIN MUST BE INSTALLED PRIOR TO CURB INSTALLATION.
 - K. MINIMUM FLOW LINE SLOPE OF PERFORATED PIPE IS 0.003 FT/FT TO OUTLET.
 - L. UNDERDRAIN MAY BE USED FOR SUMP PUMP DRAINS WITH A MANUFACTURED TEE, WHEN NO OTHER STORM OUTLET IS AVAILABLE AS DETERMINED BY THE VILLAGE. IN NO CASE SHALL DOWNSPOUTS BE TIED INTO THE UNDERDRAIN.
 - M. ALL UNDERGROUND UTILITY LATERALS SHALL BE MARKED IN THE TOP OF CURB WHILE IT IS BEING Poured AS FOLLOWS:
 - "W" - WATER SERVICE, "S" - STORM LATERAL, "SS" - SANITARY LATERAL, "G" - GAS SERVICE

- REINFORCING BAR DETAIL**
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 5. ALL REBAR TO BE CHAIRED UP.

COMMERCIAL AND INDUSTRIAL DRIVE APPROACH

300-6

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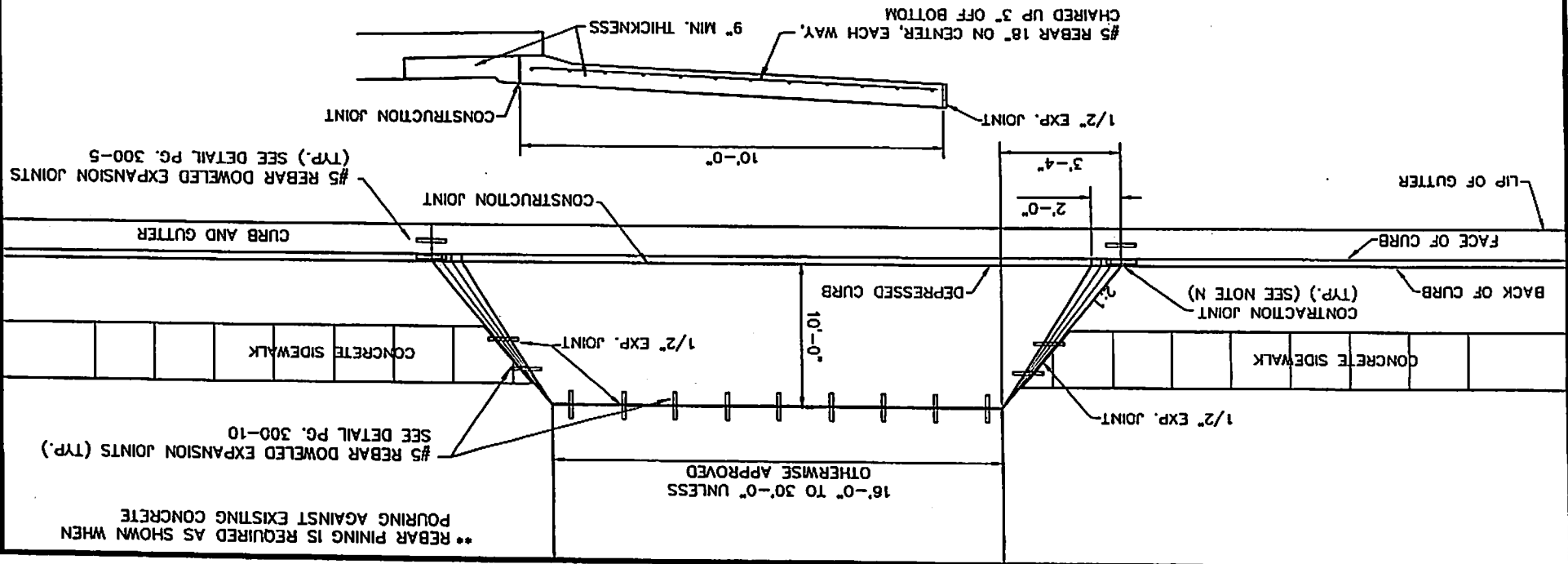
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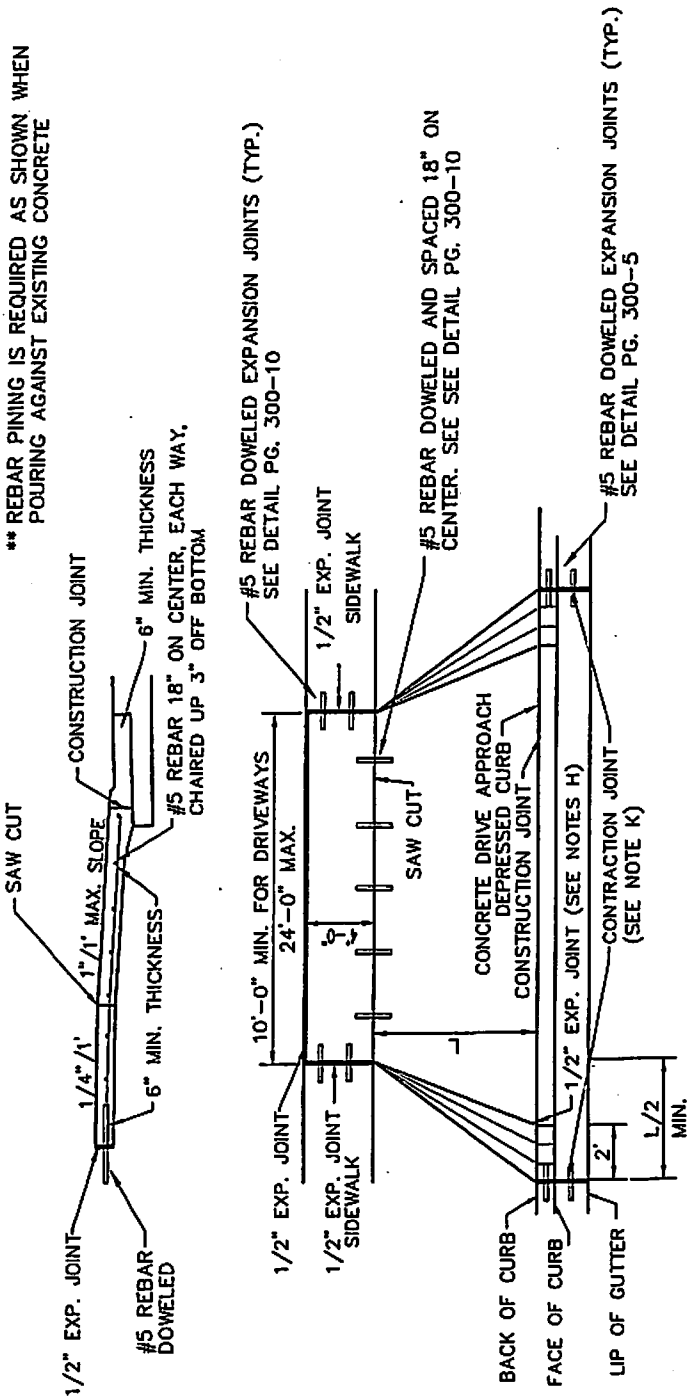
REVISIONS: 10-4-12

- NOTES**
- A. DRIVE APPROACHES SHALL MEET THE REQUIREMENTS OF ODOT ITEM 452 AND 499 CAST IN PLACE CONCRETE.
 - B. DRIVE APPROACHES SHALL NOT BE POURED MONOLITHICALLY WITH CURB.
 - C. MAXIMUM JOINT SPACING SHALL BE 10' LONGITUDINALLY AND TRANSVERSELY WITH JOINTS AT TAPERS.
 - D. EXPANSION MATERIAL SHALL BE 1/2" PREMOLODED.
 - E. COMPACTED AGGREGATE SHALL BE PLACED UNDER DRIVE APPROACHES IF DETERMINED NECESSARY BY THE VILLAGE.
 - F. PROVIDE BROOM FINISH AND EDGING TO ALL EXPOSED SURFACES.

- G. WHERE CURB AND GUTTER HAS NOT BEEN PROPERLY DROPPED AT DRIVE APPROACHES, THE CURB SHALL BE ENTIRELY REMOVED AND REPLACED BY THE CONTRACTOR/OWNER.
- H. WHERE ASPHALTIC CONCRETE PAVEMENT IS DISTURBED, THE ASPHALT SHALL BE REPLACED AS DIRECTED BY THE VILLAGE.
- I. JOINTS SHALL BE CLEANED AND EDGED BY A 1/4" RADIUS EDGER. LONGITUDINAL JOINTS SHALL BE AS DIRECTED BY THE VILLAGE. EXPANSION JOINTS SHALL BE OF SUCH DIMENSIONS AS SHOWN ON STANDARD DRAWINGS FOR CONSTRUCTION JOINTS.
- J. MINIMUM WIDTH FOR ONE-WAY TRAFFIC IS 16'-0". MINIMUM WIDTH FOR TWO-WAY TRAFFIC IS 25'-0". MAXIMUM WIDTH IS 30'-0" UNLESS OTHERWISE APPROVED BY THE VILLAGE.
- K. THIS STANDARD DRAWING IS FOR GUIDELINE PURPOSES. EACH INDIVIDUAL DRIVE WILL NEED TO BE DESIGNED AND SUBMITTED TO THE VILLAGE FOR REVIEW AND APPROVAL.
- L. CONCRETE SHALL BE ODOT CLASS C WITH 1.5LB FIBER MESH PER CUBIC YARD AND REINFORCED WITH #5 REBAR PER DETAIL (4000 PSI, 600 LB/CY CEMENT. PROPORTIONING OPTIONS 1 AND 2 NOT ALLOWED.
- M. CONCRETE SHALL CONTAIN 6% ± 1% OF TOTAL AIR.
- N. IF CURB IS REMOVED AND REPLACED DURING DRIVEWAY CONSTRUCTION, JOINTS BETWEEN EXISTING AND NEW CURB ARE TO CONTAIN 1/2" EXPANSION MATERIAL AND #5 REBAR PER THE DETAIL ON PG. 300-5. THE CURB THICKNESS SHALL MATCH THE NEW DRIVE THICKNESS.



** REBAR PINING IS REQUIRED AS SHOWN WHEN POURING AGAINST EXISTING CONCRETE



RESIDENTIAL DRIVE APPROACH

NOTES

- A. DRIVE APPROACHES SHALL MEET THE REQUIREMENTS OF ODOT ITEM 452 AND 499 CAST-IN-PLACE CONCRETE.
- B. MAXIMUM JOINT SPACING SHALL BE 10' LONGITUDINALLY, TRANSVERSELY AND AT TAPERS.
- C. EXPANSION MATERIAL SHALL BE 1/2" PREMOLDED.
- D. 3" OF GRAVEL SHALL BE PLACED UNDER DRIVE APPROACHES IF DETERMINED NECESSARY BY THE CITY.
- E. PROVIDE BROOM FINISH AND EDGING TO ALL EXPOSED SURFACES.

- F. WHERE CURB AND GUTTER HAVE NOT BEEN PROPERLY DROPPED AT DRIVE APPROACHES, THE CURB SHALL BE ENTIRELY REMOVED AND REPLACED BY THE CONTRACTOR/OWNER.
- G. JOINTS SHALL BE CLEANED AND EDGED BY A 1/4" RADIUS EDGER. LONGITUDINAL JOINTS SHALL BE AS DIRECTED BY THE CITY. EXPANSION JOINTS SHALL BE OF SUCH DIMENSIONS AS SHOWN ON STANDARD DRAWINGS FOR CONSTRUCTION JOINTS.
- H. EXPANSION JOINT LOCATION MAY BE ALTERED WITH VILLAGE APPROVAL.

I. CONCRETE SHALL BE ODOT CLASS C WITH 1.5LB FIBER MESH PER CUBIC YARD AND REINFORCED WITH #5 REBAR PER DETAIL (4000 PSI, 600 LB/CY) CEMENT. PROPORTIONING OPTIONS 1 AND 2 NOT ALLOWED.

J. CONCRETE SHALL CONTAIN 6% ± 1% OF TOTAL AIR.

K. IF CURB IS REMOVED AND REPLACED DURING DRIVEWAY CONSTRUCTION, JOINTS BETWEEN EXISTING AND NEW CURB ARE TO CONTAIN 1/2" EXPANSION MATERIAL AND #5 REBAR PER THE DETAIL ON PG. 300-5. THE CURB THICKNESS SHALL MATCH THE NEW DRIVE THICKNESS.

VILLAGE OF COVINGTON
CHOICE ONE ENGINEERING

RESIDENTIAL DRIVE APPROACH

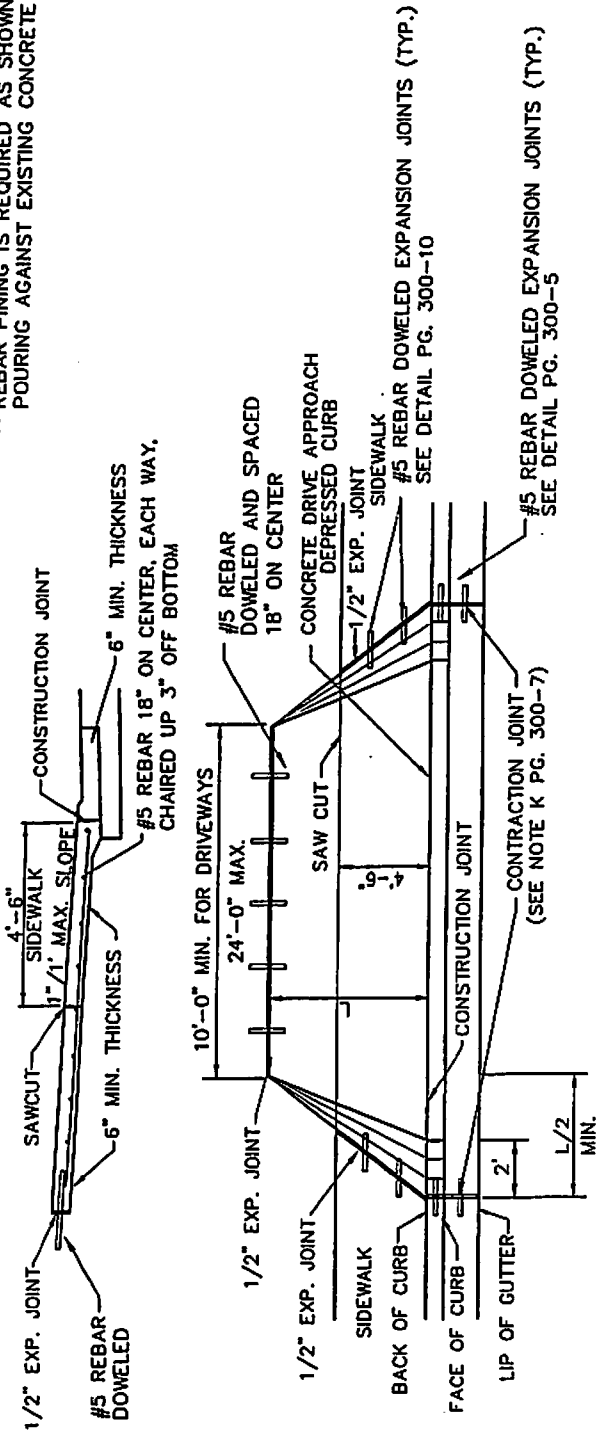
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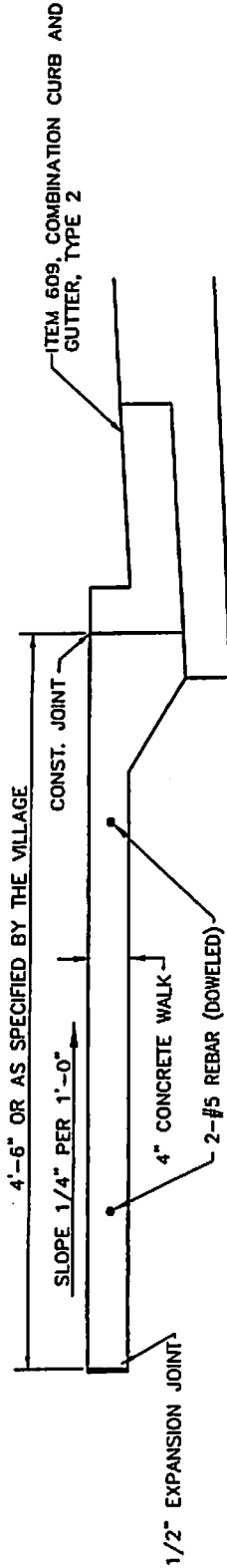
300-7

** REBAR PINING IS REQUIRED AS SHOWN WHEN POURING AGAINST EXISTING CONCRETE



DRIVE APRON WITH NO CURB LAWN

FOR DRIVEWAY NOTES SEE PAGE 300-7



CONCRETE SIDEWALK ABUTTING TYPE 2 CURB DETAIL

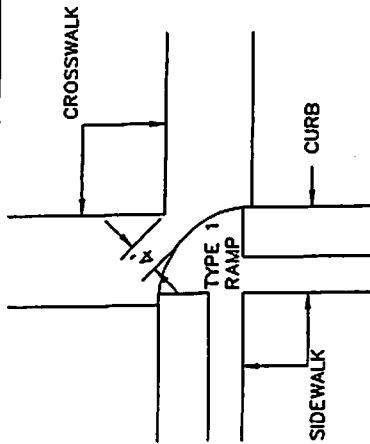
VILLAGE OF COVINGTON
CHOICE ENGINEERING

RESIDENTIAL DRIVE APPROACH AND CONCRETE SIDEWALK DETAIL WITH NO CURB LAWN

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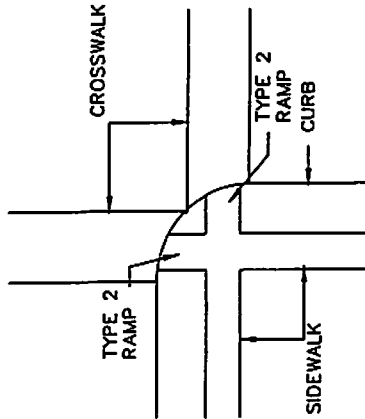
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300-8

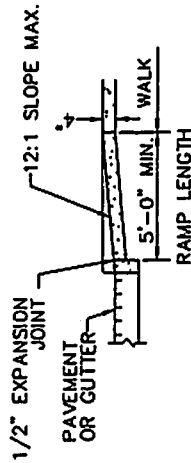


RAMP CONFIGURATION A

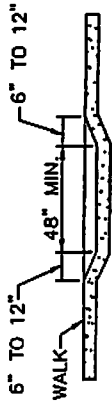
(USE ONLY WITH APPROVAL FROM VILLAGE ENGINEER)



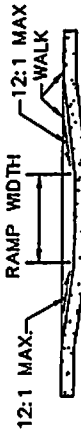
RAMP CONFIGURATION B



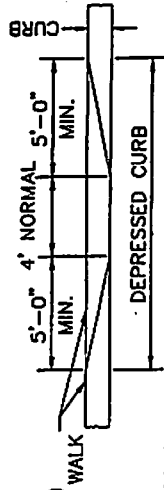
SECTION A-A



SECTION D-D



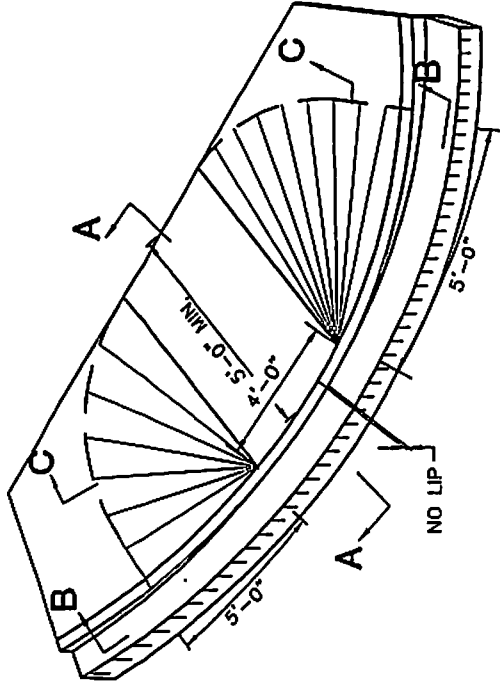
SECTION C-C



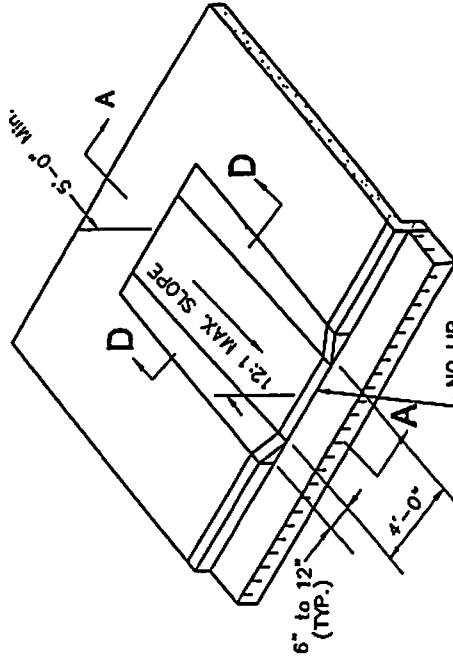
VIEW B-B

NOTES

- A. VILLAGE TO SPECIFY TYPE 1 OR TYPE 2 CURB RAMP.
- B. ANY COMBINATION OF SIDE SLOPES ON OPPOSITE SIDES OF A RAMP MAY BE USED TO BEST FIT THE SITE CONDITIONS.
- C. THE MINIMUM RAMP LENGTH IS 5' FROM BACK OF A 6" CURB AND MAY BE INCREASED WHERE FEASIBLE TO OBTAIN A FLATTER RAMP SLOPE OR TO BETTER BLEND WITH THE WALK CONFIGURATION.
- D. WALK THICKNESS IN THE RAMP SLOPES SHALL BE 4" MINIMUM OR THICKER AS NECESSARY TO MATCH ADJACENT WALK THICKNESS.
- E. CURB RAMPS SHALL MEET AND BE FINISHED TO A.D.A. STANDARDS AS MUCH AS POSSIBLE.
- F. CURB RAMPS SHALL MEET THE REQUIREMENTS OF ODOT ITEM 608 UNLESS OTHERWISE SPECIFIED WITHIN.
- G. CONCRETE SHALL BE ODOT CLASS C WITH 1.5LB FIBER MESH PER CUBIC YARD AND REINFORCED WITH #5 REBAR PER DETAIL (4000 PSI, 600 LB/CY CEMENT). PROPORTIONING OPTIONS 1 AND 2 NOT ALLOWED.
- H. CONCRETE SHALL CONTAIN 6% ± 1% OF TOTAL AIR.



TYPE 1 RAMP DETAIL



TYPE 2 RAMP DETAIL

VILLAGE OF COVINGTON
CHOICE ONE ENGINEERING

CURB RAMPS

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CONCRETE SIDEWALK DETAIL

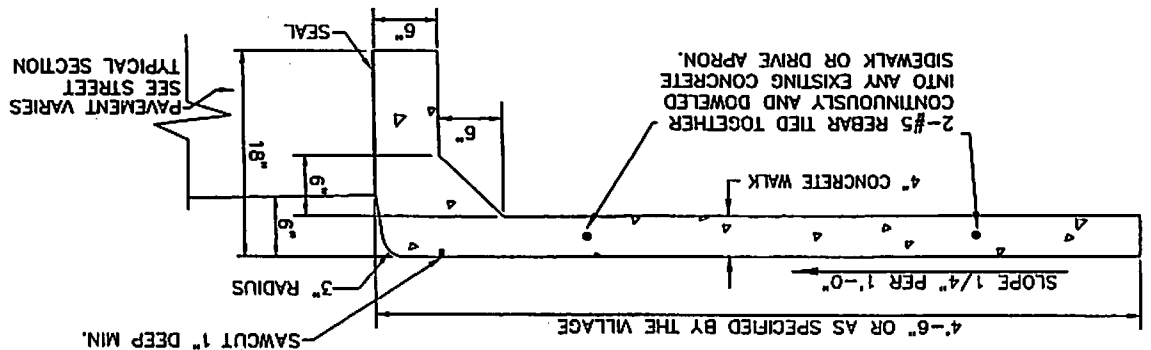
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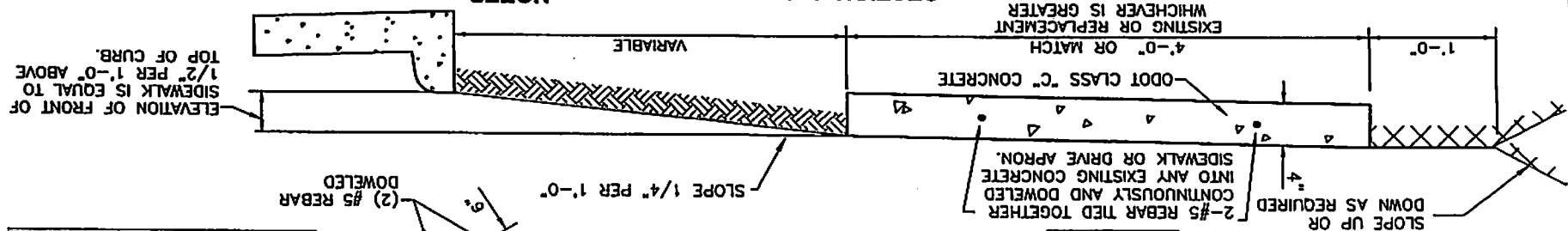
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5-15-13

- H. CONCRETE SHALL CONTAIN 6% ± 1% OF TOTAL AIR.
 G. CONCRETE SHALL BE ODOT CLASS C WITH 1.5LB FIBER MESH PER CUBIC YARD AND REINFORCED WITH #5 REBAR PER DETAIL (4000 PSI, 600LB/CY CEMENT). PROPORTIONING OPTIONS 1 AND 2 NOT ALLOWED.
 F. WHEN RENOVATING EXISTING STREETS, THE SIDEWALKS SHALL BE REPLACED TO CONFORM WITH THE VILLAGE CONSTRUCTION STANDARDS AND DRAWINGS.
 E. USE CLEAR CURING COMPOUND IMMEDIATELY AFTER FINISHING SURFACES. ANY OTHER METHOD OR TYPE OF CURING COMPOUND MUST BE PREAPPROVED.
 D. PROVIDE EDGING AROUND ALL EXPOSED SURFACES.
 C. CONCRETE SHALL CONFORM TO ODOT ITEM 499 CONCRETE. CONCRETE WORK SHALL CONFORM TO ODOT ITEM 608, UNLESS OTHERWISE SPECIFIED WITHIN.
 B. PROVIDE BROOM FINISH TO ALL EXPOSED SURFACES.
 A. WALK TO BE POURED ON UNDISTURBED EARTH OR COMPACTED GRANULAR BEDDING.

COMBINED CURB AND SIDEWALK DETAIL

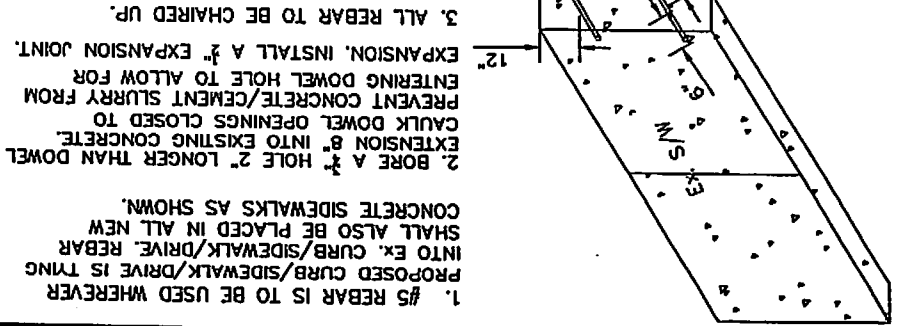


SECTION A-A



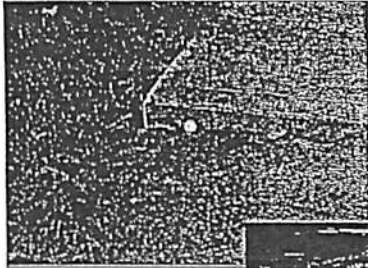
PLAN VIEW

REINFORCING BAR DETAIL

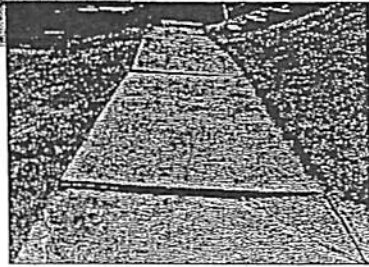


- #5 REBAR IS TO BE USED WHEREVER PROPOSED CURB/SIDEWALK/DRIVE IS TYPING INTO EX. CURB/SIDEWALK/DRIVE. REBAR SHALL ALSO BE PLACED IN ALL NEW CONCRETE SIDEWALKS AS SHOWN.
- BORE A 2" HOLE 2" LONGER THAN DOWEL EXTENSION 8" INTO EXISTING CONCRETE. CAULK DOWEL OPENINGS CLOSED TO PREVENT CONCRETE/CEMENT SLURRY FROM ENTERING DOWEL HOLE TO ALLOW FOR EXPANSION. INSTALL A 1/2" EXPANSION JOINT.
- ALL REBAR TO BE CHAIRED UP.

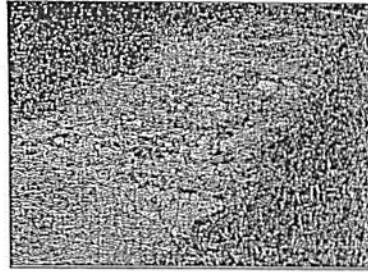
EXAMPLE: 3/4 INCH TRIP HAZARD



ADJOINING BLOCKS OR PORTIONS THEREOF WHOSE EDGES DIFFER VERTICALLY BY MORE THAN 3/4 INCH.



EXAMPLE: DETERIORATION

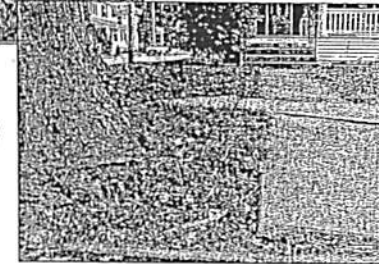


ANY SIDEWALK THAT IS DETERIORATED OR SHOWS SURFACE SPALLING, LEAVING IT VERY ROUGH, UNSAFE, OR WITH AGGREGATE PROTRUDING.

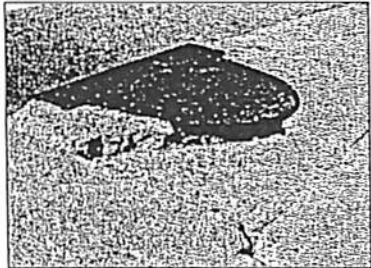
EXAMPLE: ABRUPT SLOPE



BLOCKS, OR PORTION OF BLOCKS, THAT CAUSE AN ABRUPT CHANGE OF 1 INCH PER FOOT (OR MORE) IN ANY DIRECTION OF THE SIDEWALK.

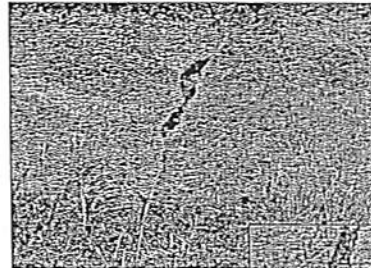


EXAMPLE: PLATES, COVERS, ETC.

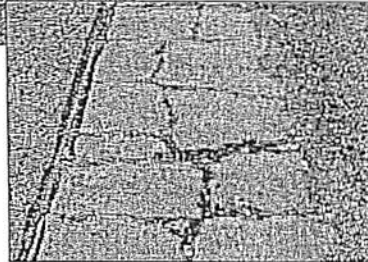


METAL OR OTHER PLATES, COVERS, OR GRATINGS THAT ARE NOT FLUSH (3/4 INCH OR MORE VERTICAL DIFFERENCE) WITH THE ADJOINING SIDEWALK SURFACE, ARE STRUCTURALLY UNSAFE, OR CAUSE A NUISANCE DUE TO SLIPPERY SURFACES ETC.

EXAMPLE: CRACKS



ANY SIDEWALK BLOCK (BASED ON 20 SQ. FT.) HAVING A CRACK OR CRACKS IN IT OF AT LEAST 1/2 INCH WIDE WITH A MINIMUM OF 4 LINEAL FEET IN ONE BLOCK. (VARIOUS SIZE BLOCKS WILL BE EVALUATED PROPORTIONALLY.)



PERMITS, INSPECTION, AND WORK RULES

- A. NO PERSON SHALL TEAR UP OR DIG INTO ANY PUBLIC RIGHT-OF-WAY OR STREET FOR THE PURPOSE OF CONSTRUCTING OR REPAIRING THE SIDEWALK, CURBING, OR GUTTERS THEREON OR FOR ANY OTHER PURPOSE, WITHOUT HAVING FIRST OBTAINED A PERMIT FROM THE ENGINEERING DEPARTMENT TO DO SO.
- B. THE CONTRACTOR MUST CALL THE VILLAGE FOR AN INSPECTION AT LEAST THREE WORKING HOURS BEFORE HE PLANS TO POUR THE CONCRETE. THE CONTRACTOR OR HIS FOREMAN MUST BE ON THE JOB WHEN THE INSPECTOR ARRIVES. IF, BECAUSE OF WEATHER CONDITIONS OR FOR SOME OTHER REASON, IT WILL NOT BE POSSIBLE TO HAVE A PERSON ON THE JOB, THE CONTRACTOR IS REQUIRED TO CALL AND CANCEL THE INSPECTION.
- C. THE CONTRACTOR IS CAUTIONED AGAINST ORDERING CONCRETE BEFORE THE INSPECTION IS MADE DUE TO POSSIBLE CORRECTION OF FORMS OR GRADE.
- D. THE CONTRACTOR SHALL PROVIDE PROTECTION AND TRAFFIC CONTROL BARRICADES, LIGHTS, SIGNS, AND OTHER DEVICES AS HEREIN SPECIFIED TO PROVIDE WARNING AND PROTECTION FOR VEHICULAR TRAFFIC, PEDESTRIANS, AND THE WORK DURING THE REMOVAL, CONSTRUCTION AND CURING OF SIDEWALK, CURB AND GUTTER, AND DRIVEWAY APRONS.
- E. THE CONTRACTOR WILL BE RESPONSIBLE FOR AN IMMEDIATE REMOVAL AND CLEANUP OF ALL EXCAVATED MATERIAL. NO EXCAVATED MATERIAL SHALL BE STORED ON THE PAVEMENT.
- F. ALL CONTRACTORS INSTALLING NEW CURB ARE CAUTIONED THAT IT IS THEIR RESPONSIBILITY TO REPAIR THE STREET PER VILLAGE SPECIFICATIONS BEFORE REMOVING YOUR BARRICADES.

VILLAGE OF COVINGTON



GUIDELINES FOR REPLACEMENT OF SIDEWALKS

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