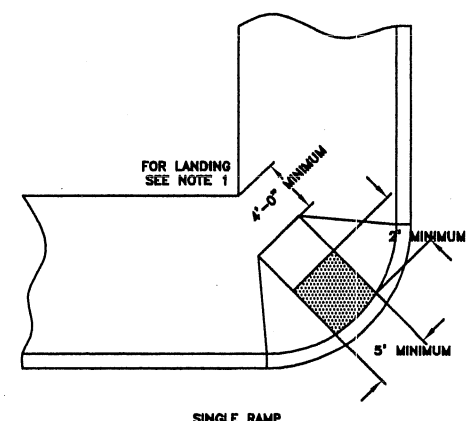
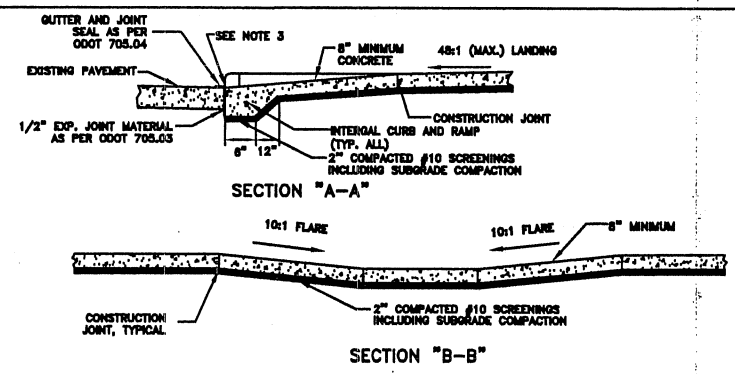


\* 3'-0" RAMP WIDTH MAY BE ACCEPTED WITH THE APPROVAL OF ENGINEER

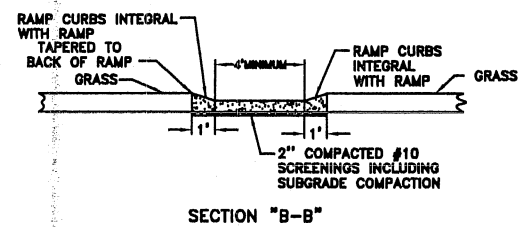


SINGLE RAMP

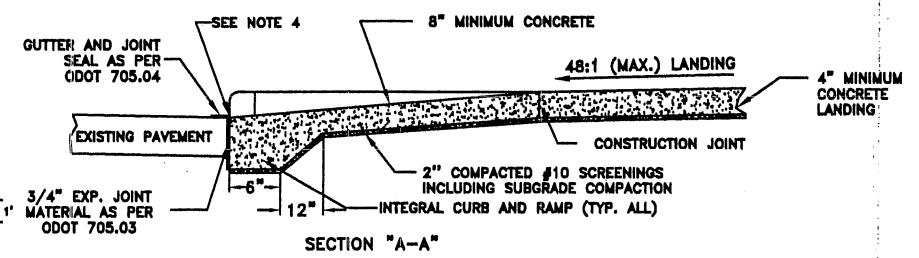
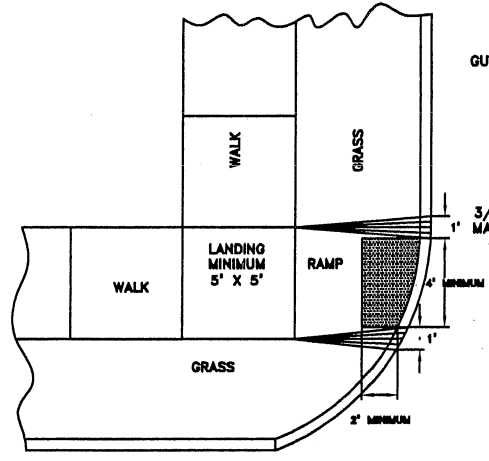


CR-1

- NOTES:
- 1) MAY BE REDUCED TO 3'-0" IN EXISTING SIDEWALK IF THE LANDING IS CONSTRAINED ALONG THE BACK EDGE.
  - 2) WHERE THE LANDING IS LESS THAN 4'-0", THE RAMP FLARE SHALL BE INCREASED TO 12:1.
  - 3) GUTTER SEAL, 705.04, 4" WIDE THE BOTTOM EDGE OF THE ADJACENT PAVEMENT AND GUTTER LINE.
  - 4) SURFACE TEXTURE OF ALL RAMPS SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE RAMP SLOPES AS DIRECTED BY THE ENGINEER AND SHALL BE ROUGHER THAN ADJACENT WALK.
  - 5) TRUNCATED DOMES SHALL BE INSTALLED ON ALL RAMPS; HAVING A MINIMUM DISTANCE OF 2' FROM BACK OF CURB BY WIDTH OF RAMP.



SECTION "B-B"



SECTION "A-A"

CR-2

\* 3'-0" RAMP WIDTH MAY BE ACCEPTED WITH THE APPROVAL OF ENGINEER

- NOTES:
- 1-THE BOTTOM EDGE OF THE CURB RAMP SHALL BE FLUSH WITH THE EDGE OF THE ADJACENT PAVEMENT AND GUTTER LINE.
  - 2- SURFACE TEXTURE OF ALL RAMPS SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE RAMP SLOPES AS DIRECTED BY THE ENGINEER AND SHALL BE ROUGHER THAN ADJACENT WALK.
  - 3-TRUNCATED DOMES SHALL BE INSTALLED ON ALL RAMPS; HAVING A MINIMUM DISTANCE OF 2' FROM BACK OF CURB BY WIDTH OF RAMP.
  - 4-GUTTER SEAL, 705.04, 4" WIDE THE BOTTOM EDGE OF THE ADJACENT PAVEMENT AND GUTTER LINE.

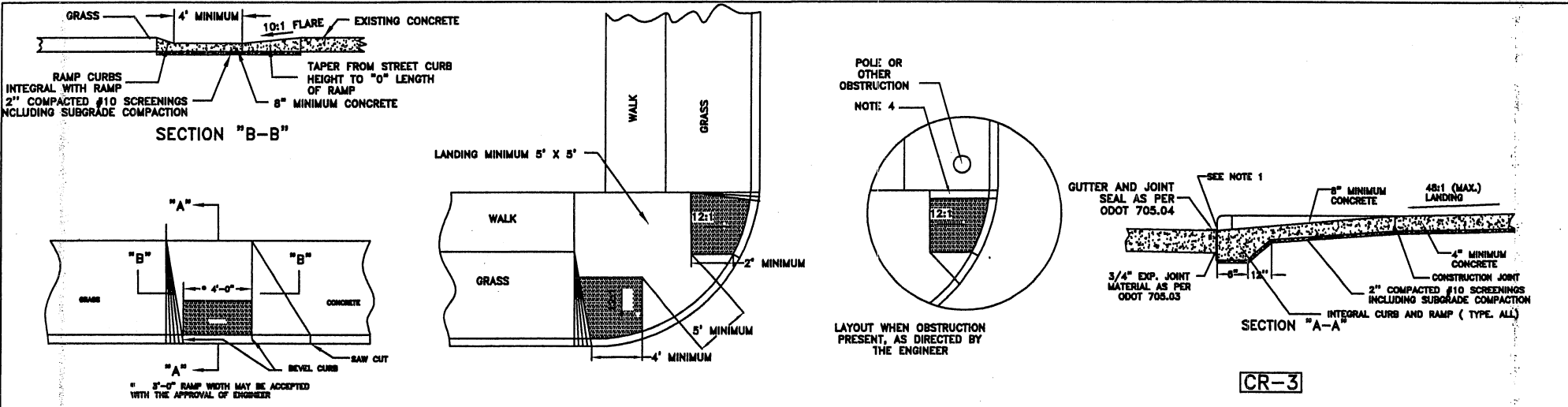
REVISED: 8/3/08

**CITY OF CLEVELAND**  
 DEPARTMENT OF PUBLIC SERVICE  
 DIVISION OF ENGINEERING & CONSTRUCTION  
 JOMARIE WASIK-DIRECTOR OF PUBLIC SERVICE  
 TYPICAL CONSTRUCTION  
 CURB RAMPS  
 NOT TO SCALE

DRAWN BY: R. PLODZINSKAS DATE: 4/8/08  
 SUBMITTED BY: W. MCLAUGHLIN DATE: 4/8/08

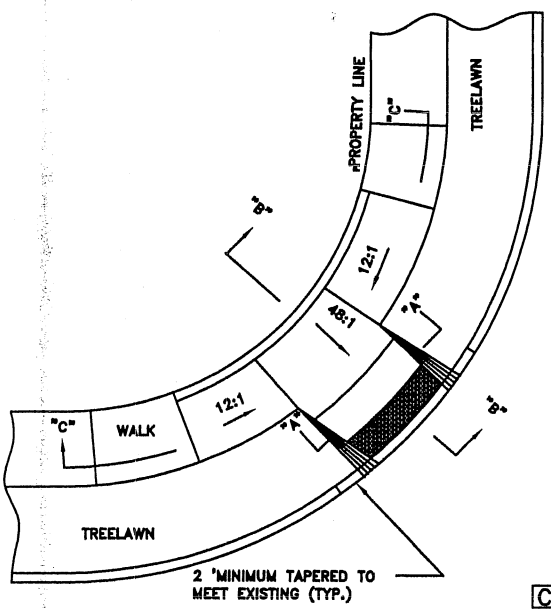
APPROVED: [Signature] DATE: 4/17/08  
 COMMISSIONER OF ENGINEERING AND CONSTRUCTION

FILE NO.: CR-1 SHEET 1/8

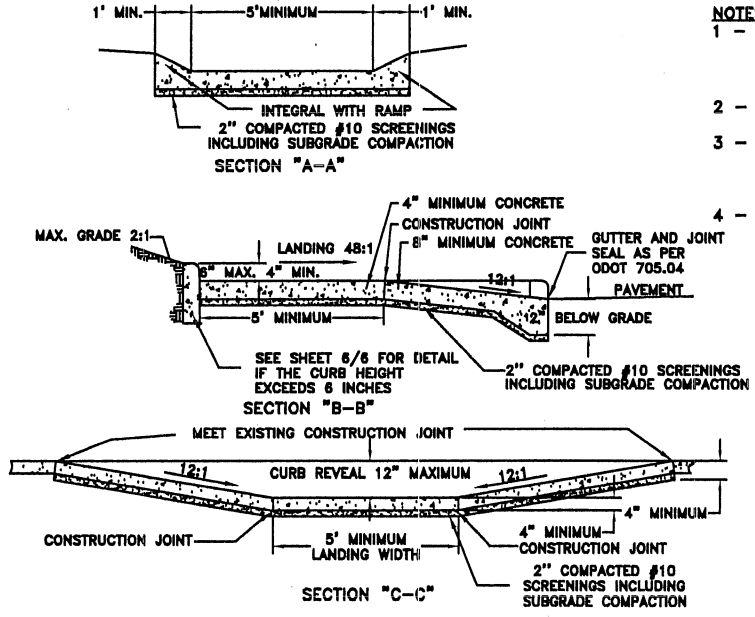


- NOTES:**
- 1-THE BOTTOM EDGE OF THE CURB RAMP SHALL BE FLUSH WITH THE EDGE OF THE ADJACENT PAVEMENT AND GUTTER LINE.
  - 2-SURFACE TEXTURE OF ALL RAMPS SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE RAMP SLOPES AS DIRECTED BY THE ENGINEER AND SHALL BE ROUGHER THAN ADJACENT WALK.
  - 3-TRUNCATED DOMES SHALL BE INSTALLED ON ALL RAMPS; HAVING A MINIMUM DISTANCE OF 2' FROM BACK OF CURB BY WIDTH OF RAMP.
  - 4-BARRIER CURB INSTALLATION ONLY WHEN ADJACENT OBSTACLE PRESENT AND AS DIRECTED BY THE ENGINEER

**CR-3**



**CR-4**



- NOTES:**
- 1 - WHERE A ROLLED CURB EXCEEDS SIX INCHES ABOVE THE WALK, THE CONTRACTOR SHALL INSTALL TYPE "6" CURB (6" X 18"). ROLLED CURB SHALL BE INSTALLED ONLY AT THE DIRECTION OF THE ENGINEER.
  - 2 - THE BOTTOM EDGE OF THE CURB SHALL BE FLUSH WITH THE EDGE OF THE ADJACENT PAVEMENT AND GUTTER LINE.
  - 3 - SURFACE TEXTURE OF ALL RAMPS SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE RAMP SLOPES AS DIRECTED BY THE ENGINEER AND SHALL BE ROUGHER THAN ADJACENT WALK.
  - 4 - TRUNCATED DOMES SHALL BE INSTALLED ON ALL RAMPS; HAVING A MINIMUM DISTANCE OF 2' FROM BACK OF CURB BY WIDTH OF RAMP.

REVISED 8/3/08

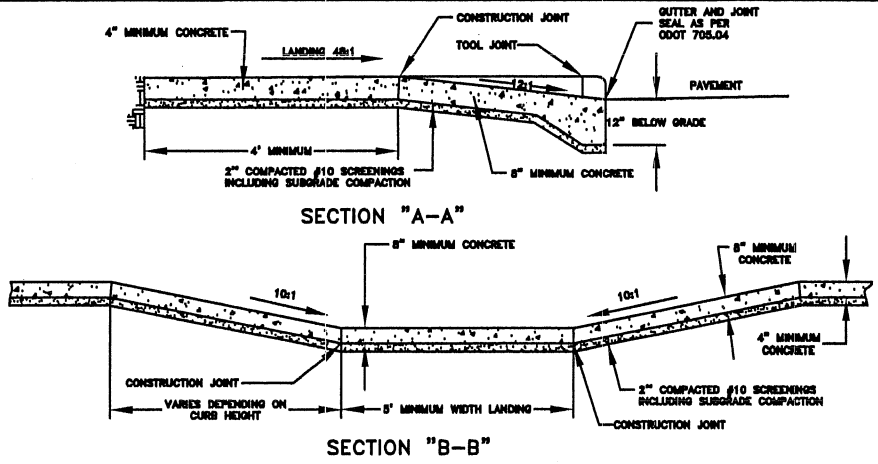
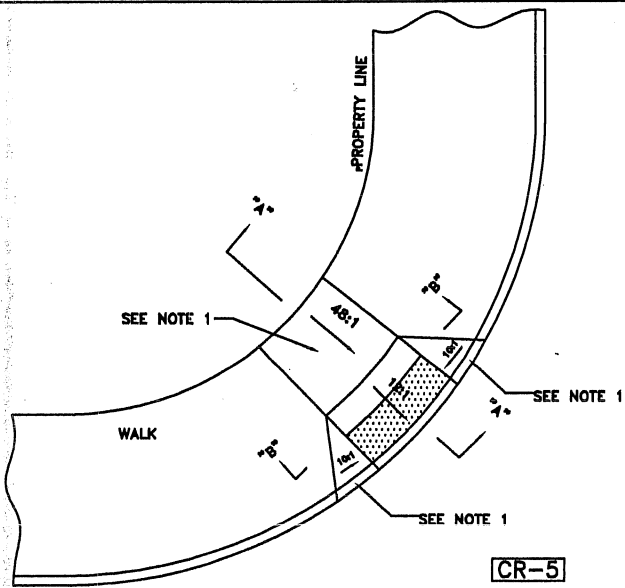
**CITY OF CLEVELAND**  
 DEPARTMENT OF PUBLIC SERVICE  
 DIVISION OF ENGINEERING & CONSTRUCTION  
 JONARIE WASIK-DIRECTOR OF PUBLIC SERVICE  
 TYPICAL CONSTRUCTION  
 CURB RAMPS  
 NOT TO SCALE

DRAWN BY: R. PLIODZINSKAS      DATE: 4/8/08  
 SUBMITTED BY: W. MCLAUGHLIN      DATE: 4/8/08

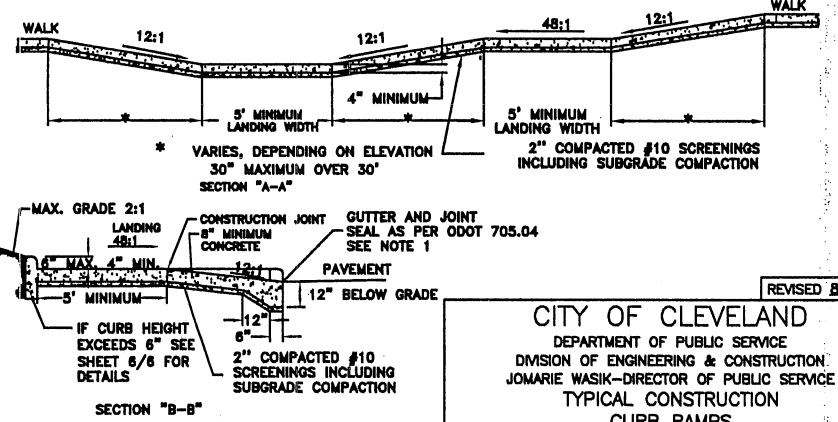
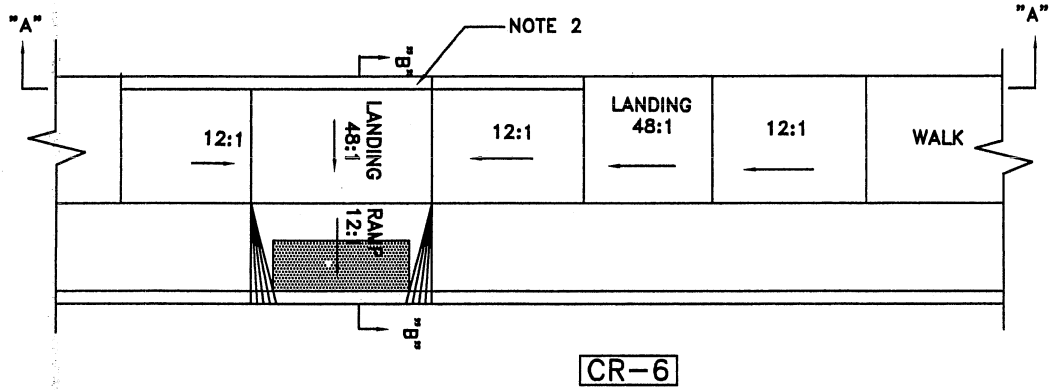
APPROVED: *[Signature]*      DATE: 4/11/08

COMMISSIONER OF ENGINEERING AND CONSTRUCTION

FILE NO.: CR 1      SHEET 2/8      (2)



- NOTES:**
- 1 - WHERE THE LANDING IS LESS THAN 4'-0" THE RAMP FLARE SHALL BE INCREASED TO 12:1.
  - 2 - SURFACE TEXTURE OF ALL RAMPS SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE RAMP SLOPES AS DIRECTED BY THE ENGINEER AND SHALL BE ROUGHER THAN ADJACENT WALK.
  - 3 - THE BOTTOM EDGE OF THE CURB RAMP SHALL BE FLUSH WITH THE EDGE OF THE ADJACENT PAVEMENT OR GUTTER LINE.
  - 4 - TRUNCATED DOMES SHALL BE INSTALLED ON ALL RAMPS; HAVING A MINIMUM DISTANCE OF 2' FROM BACK OF CURB BY WIDTH OF RAMP.
  - 5- GUTTER SEAL, 705.04, 6" WIDE THE BOTTOM EDGE OF THE ADJACENT PAVEMENT AND GUTTER LINE.



- NOTES:**
- 1 - THE BOTTOM EDGE OF THE CURB RAMP SHALL BE FLUSH WITH THE EDGE OF THE ADJACENT PAVEMENT OR GUTTER LINE.
  - 2 - WHERE A ROLLED CURB EXCEEDS SIX INCHES ABOVE THE WALK, THE CONTRACTOR SHALL INSTALL TYPE "6" CURB (6" X 18"). ROLLED CURB SHALL BE INSTALLED ONLY AT THE DIRECTION OF THE ENGINEER.
  - 3 - SURFACE TEXTURE OF ALL RAMPS SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE RAMP SLOPES AS DIRECTED BY THE ENGINEER AND SHALL BE ROUGHER THAN ADJACENT WALK.
  - 4 - TRUNCATED DOMES SHALL BE INSTALLED ON ALL RAMPS; HAVING A MINIMUM DISTANCE OF 2' FROM BACK OF CURB BY WIDTH OF RAMP.

REVISED 8/3/08

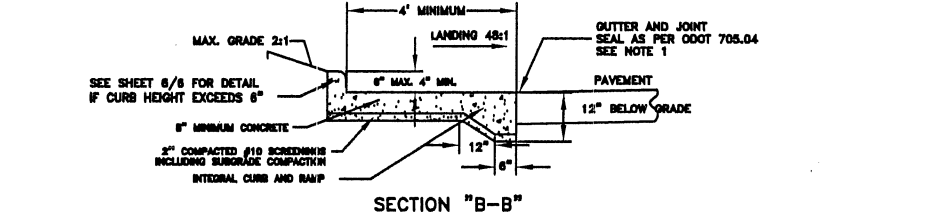
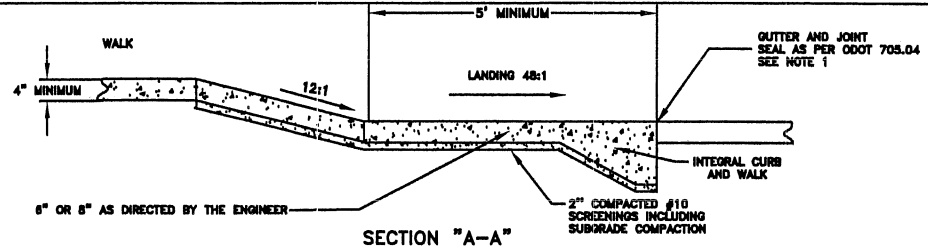
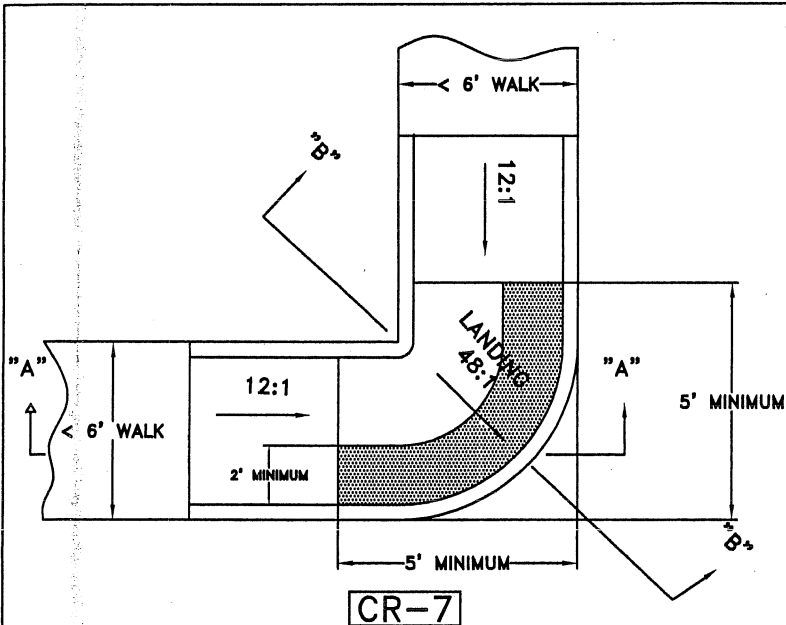
**CITY OF CLEVELAND**  
 DEPARTMENT OF PUBLIC SERVICE  
 DIVISION OF ENGINEERING & CONSTRUCTION  
 JOMARIE WASIK-DIRECTOR OF PUBLIC SERVICE  
 TYPICAL CONSTRUCTION  
 CURB RAMPS  
 NOT TO SCALE

DRAWN BY: R. PLODZINSKAS      DATE: 4/8/08  
 SUBMITTED BY: W. MCLAUGHLIN      DATE: 4/8/08

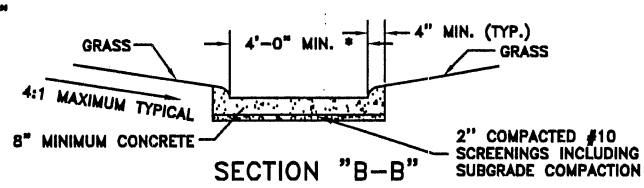
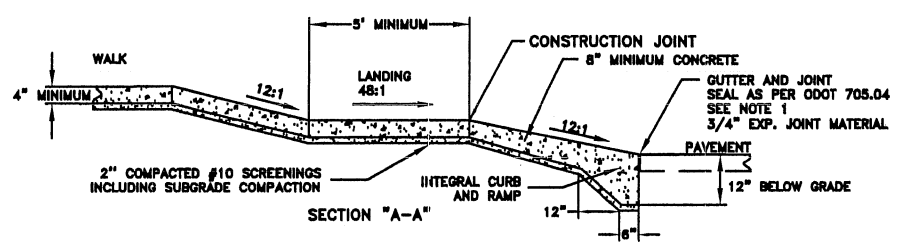
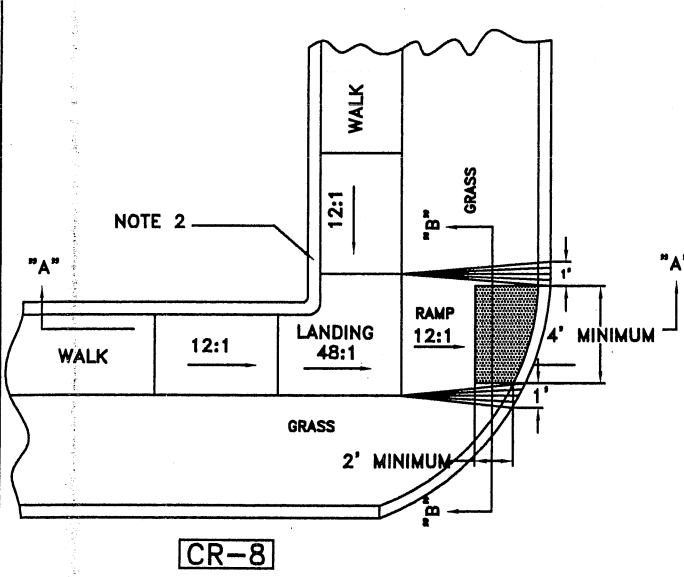
APPROVED: *[Signature]*      DATE: 4/14/08

COMMISSIONER OF ENGINEERING AND CONSTRUCTION

FILE NO.: CR 1      SHEET 3/6      13



- NOTES:**
- 1 - THE BOTTOM EDGE OF THE CURB RAMP SHALL BE FLUSH WITH THE EDGE OF THE ADJACENT PAVEMENT OR GUTTER LINE.
  - 2 - WHERE A ROLLED CURB EXCEEDS SIX INCHES ABOVE THE WALK, THE CONTRACTOR SHALL INSTALL TYPE "6" CURB (6" X 18"). ROLLED CURB SHALL BE INSTALLED ONLY AT THE DIRECTION OF THE ENGINEER.
  - 3 - SURFACE TEXTURE OF ALL RAMPS SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE RAMP SLOPES AS DIRECTED BY THE ENGINEER AND SHALL BE ROUGHER THAN ADJACENT WALK.
  - 4 - TRUNCATED DOMES SHALL BE INSTALLED ON ALL RAMPS; HAVING A MINIMUM DIMENSION OF 2' DEEP BY WIDTH OF RAMP.



- NOTES:**
- 1 - THE BOTTOM EDGE OF THE CURB RAMP SHALL BE FLUSH WITH THE EDGE OF THE ADJACENT PAVEMENT OR GUTTER LINE.
  - 2 - WHERE A ROLLED CURB EXCEEDS SIX INCHES ABOVE THE WALK, THE CONTRACTOR SHALL INSTALL TYPE "6" CURB (6" X 18"). ROLLED CURB SHALL BE INSTALLED ONLY AT THE DIRECTION OF THE ENGINEER.
  - 3 - SURFACE TEXTURE OF ALL RAMPS SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE RAMP SLOPES AS DIRECTED BY THE ENGINEER AND SHALL BE ROUGHER THAN ADJACENT WALK.
  - 4 - TRUNCATED DOMES SHALL BE INSTALLED ON ALL RAMPS; HAVING A MINIMUM DIMENSION OF 2' DEEP BY WIDTH OF RAMP.

REVISED 8/3/08

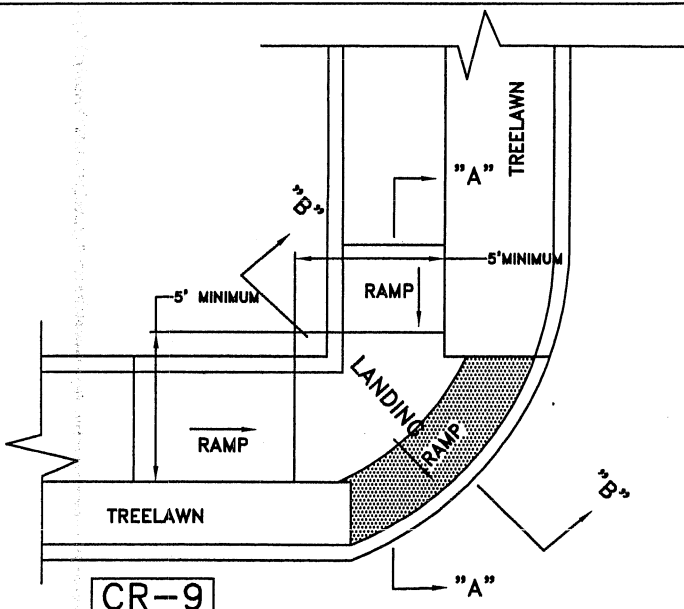
**CITY OF CLEVELAND**  
 DEPARTMENT OF PUBLIC SERVICE  
 DIVISION OF ENGINEERING & CONSTRUCTION  
 JOMARIE WASIK-DIRECTOR OF PUBLIC SERVICE  
 TYPICAL CONSTRUCTION  
 CURB RAMPS  
 NOT TO SCALE

DRAWN BY: R. PLIODZINSKAS      DATE: 4/8/08  
 SUBMITTED BY: W. McLAUGHLIN      DATE: 4/8/08

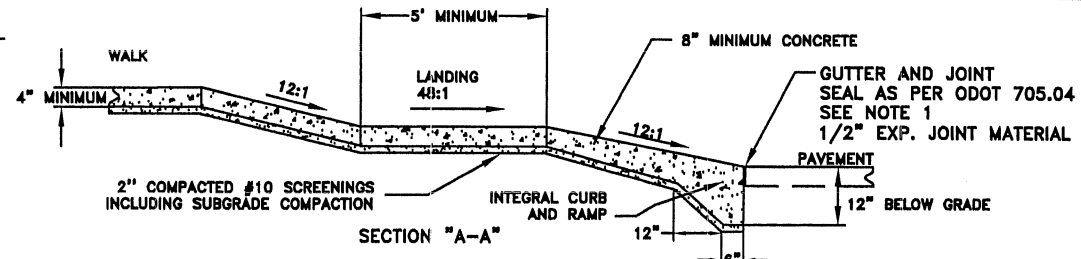
APPROVED: *[Signature]*      DATE: 4/17/08

COMMISSIONER OF ENGINEERING AND CONSTRUCTION

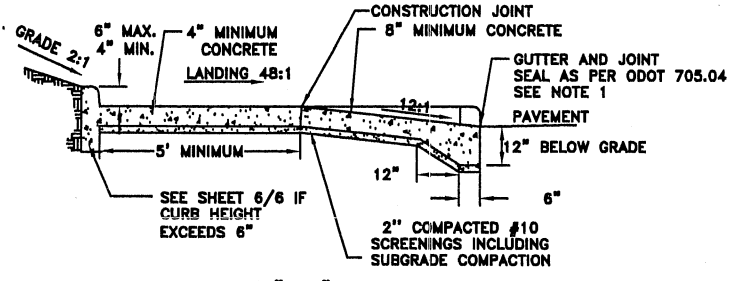
FILE NO.: CR 1      SHEET 4/6      14



CR-9



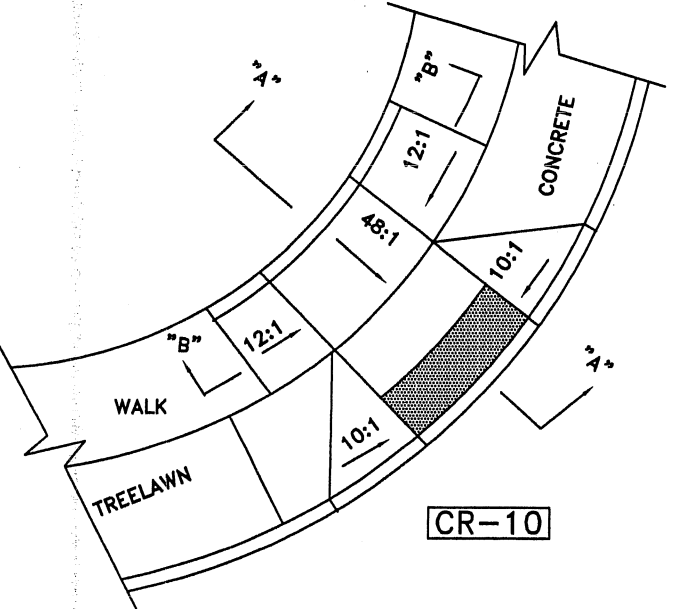
SECTION "A-A"



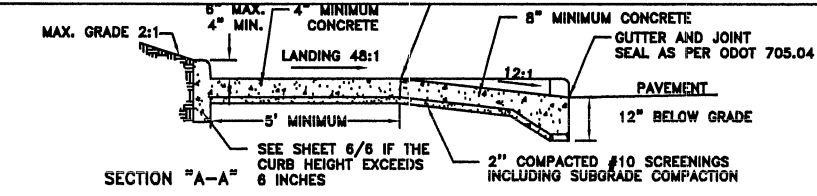
SECTION "B-B"

NOTES:

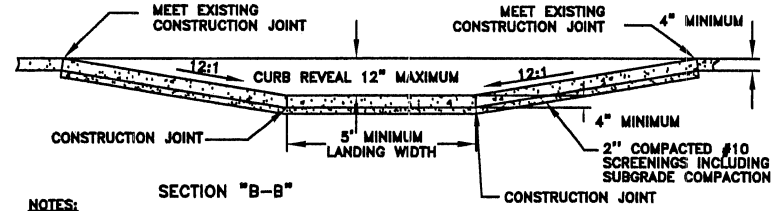
- 1 - THE BOTTOM EDGE OF THE CURB RAMP SHALL BE FLUSH WITH THE EDGE OF THE ADJACENT PAVEMENT OR GUTTER LINE.
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- 3 - SURFACE TEXTURE OF ALL RAMPS SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE RAMP SLOPES AS DIRECTED BY THE ENGINEER AND SHALL BE ROUGHER THAN ADJACENT WALK.
- 4 - TRUNCATED DOMES SHALL BE INSTALLED ON ALL RAMPS; HAVING A MINIMUM DIMENSION OF 2' DEEP BY WIDTH OF RAMP.



CR-10



SECTION "A-A"



SECTION "B-B"

NOTES:

- 1 - WHERE A ROLLED CURB EXCEEDS SIX INCHES ABOVE THE WALK, THE CONTRACTOR SHALL INSTALL TYPE "6" CURB (6" X 18"). ROLLED CURB SHALL BE INSTALLED ONLY AT THE DIRECTION OF THE ENGINEER.
- 2 - THE BOTTOM EDGE OF THE CURB SHALL BE FLUSH WITH THE EDGE OF THE ADJACENT PAVEMENT AND GUTTER LINE.
- 3 - SURFACE TEXTURE OF ALL RAMPS SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE RAMP SLOPES AS DIRECTED BY THE ENGINEER AND SHALL BE ROUGHER THAN ADJACENT WALK.
- 4 - TRUNCATED DOMES SHALL BE INSTALLED ON ALL RAMPS; HAVING A MINIMUM DIMENSION OF 2' DEEP BY WIDTH OF RAMP.

REVISED 8/3/08

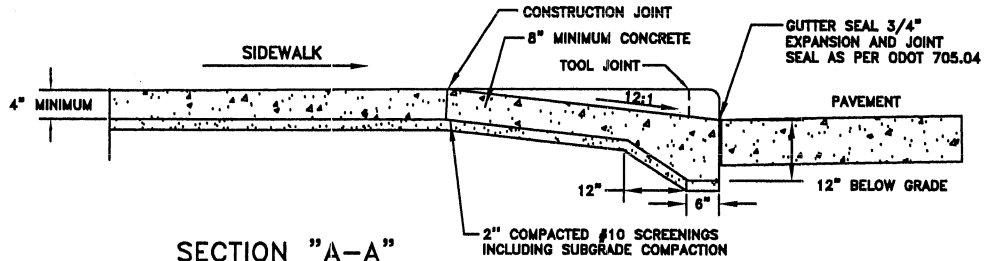
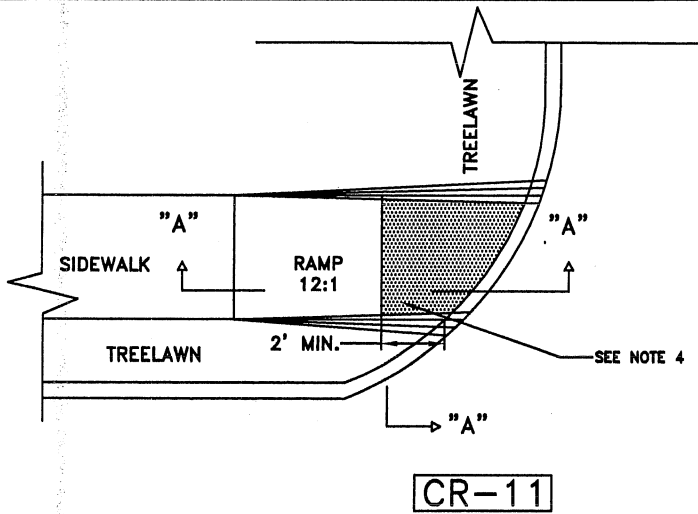
**CITY OF CLEVELAND**  
 DEPARTMENT OF PUBLIC SERVICE  
 DIVISION OF ENGINEERING & CONSTRUCTION  
 JOMARIE WASIK-DIRECTOR OF PUBLIC SERVICE

**TYPICAL CONSTRUCTION  
 CURB RAMPS  
 NOT TO SCALE**

DRAWN BY: R. PLIODZINSKAS DATE: 4/8/08  
 SUBMITTED BY: W. MCLAUGHLIN DATE: 4/8/08

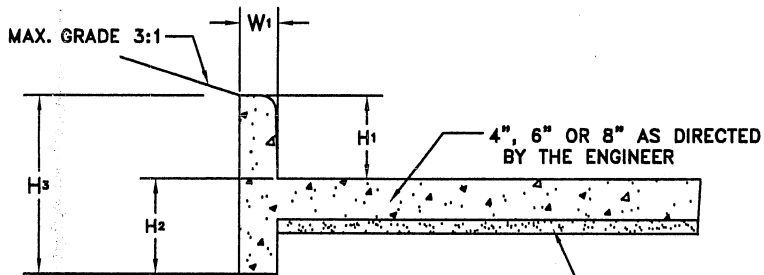
APPROVED: [Signature] DATE: 4/14/08  
 COMMISSIONER OF ENGINEERING AND CONSTRUCTION

FILE NO.: CR 1 SHEET 5/8



**NOTES:**

- 1 - WHERE A ROLLED CURB EXCEEDS SIX INCHES ABOVE THE WALK, THE CONTRACTOR SHALL INSTALL TYPE "6" CURB ( 6" X 18"). ROLLED CURB SHALL BE INSTALLED ONLY AT THE DIRECTION OF THE ENGINEER.
- 2 - THE BOTTOM EDGE OF THE CURB SHALL BE FLUSH WITH THE EDGE OF THE ADJACENT PAVEMENT AND GUTTER LINE.
- 3 - SURFACE TEXTURE OF ALL RAMPS SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE RAMP SLOPES AS DIRECTED BY THE ENGINEER AND SHALL BE ROUGHER THAN ADJACENT WALK.
- 4 - THIS DETAIL SHALL ONLY BE USED TO RETROFIT EXISTING CURB RAMPS AND SHALL NOT BE USED FOR NEW CURB RAMP CONSTRUCTION.
- 5 - TRUNCATED DOMES SHALL BE INSTALLED ON ALL RAMPS; HAVING A MINIMUM DISTANCE OF 2' FROM BACK OF CURB BY WIDTH OF RAMP.



H <sub>1</sub>	W <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>
6"	6"	6"	12"
8"	6"	10"	18"
10"	8"	12"	22"
12"	10"	12"	24"

ROLLED CURB  
INSTALL ONLY AT THE DIRECTION  
OF THE ENGINEER

2" COMPACTED #10 SCREENINGS  
INCLUDING SUBGRADE COMPACTION

**NOTES:**

- 1 - WHERE A ROLLED CURB EXCEEDS SIX INCHES ABOVE THE WALK, THE CONTRACTOR SHALL INSTALL CURB PER THIS DETAIL. ROLLED CURB SHALL BE INSTALLED ONLY AT THE DIRECTION OF THE ENGINEER.

REVISED: 8/3/08

**CITY OF CLEVELAND**  
DEPARTMENT OF PUBLIC SERVICE  
DIVISION OF ENGINEERING & CONSTRUCTION  
JOMARIE WASIK-DIRECTOR OF PUBLIC SERVICE  
TYPICAL CONSTRUCTION  
CURB RAMPS & ROLLED CURB DETAIL  
NOT TO SCALE

SUBMITTED BY: R. BLUDZINSKAS DATE: 4/8/08  
W. MCLAUGHLIN DATE: 4/8/08

[Signature] DATE: 4/14/08  
COMMISSIONER OF ENGINEERING AND CONSTRUCTION

FILE NO.: CR 1      SHEET 6/6      (16)