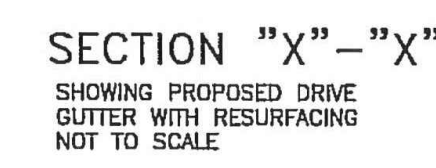
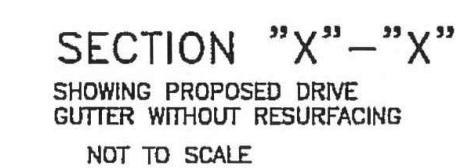
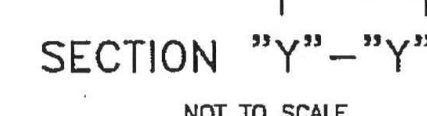
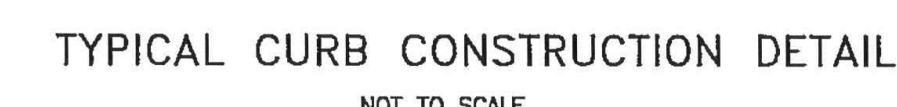
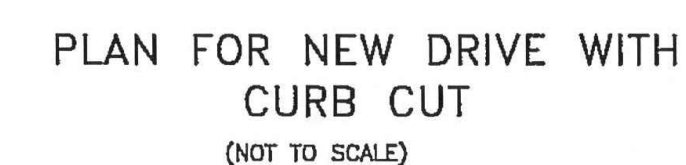
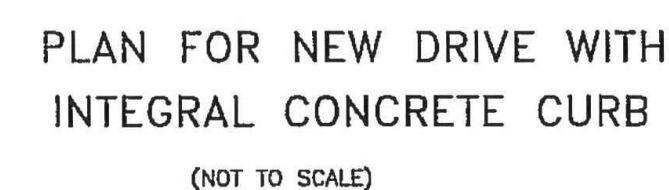




**OPTIONAL DETAIL**  
THE CONTRACTOR MAY USE THIS DETAIL IF GRANTED PERMISSION TO POUR THE CURB AND SIDEWALK OR DRIVEWAY INTEGRALLY THERE SHALL BE NO ADDITIONAL COST TO THE CITY.

1. SAND BACKFILL AS REQUIRED TO ACHIEVE PROPOSED SUB GRADE. COST TO BE INCLUDED IN UNIT PRICE BID PER SQUARE FOOT OF SIDEWALK OR CONCRETE DRIVEWAY.
2. TRANSVERSE CONTRACTION JOINTS ("GUTS") AND EXPANSION JOINTS TO BE CONSTRUCTED AS DIRECTED BY THE ENGINEER. JOINTS SHALL BE TYPED "T" FROM TOP OF CURB TO TOP OF THE CURB. 1/4" DEEP WITH EDGES ROUNDED TO A 1/4" RADIUS. COST TO BE INCLUDED IN PRICE PER SQUARE FOOT OF SIDEWALK OR CONCRETE DRIVEWAY.
3. TRANSITION FROM STANDARD CURB SECTION TO DROP CURB SECTION TO BE MADE IN 18" DISTANCE FROM DRIVEWAY.
4. SLOPE SHALL BE PROVIDED AS NEEDED TO DRAIN SIDEWALK AND TREELAWN AREA. 1/8" FT. MIN. (1/4" FT. DESIRABLE AND 5/8" FT. MAX.) IF THE EXISTING CONDITIONS RESULT IN A UNIFORM SLOPE GREATER THAN 1/4" FT. THEN THE SLOPE OF THE TREELAWN AREA MAY EXCEED THE MAX. AS NEEDED TO PROVIDE A SIDEWALK SLOPE OF 1/4" FT.
5. THE SLOPE IN THE WALK AREA OF DRIVE APRONS MUST NOT EXCEED ADA REQUIREMENTS OF 1/2" FT. CROSS SLOPE.
6. UNDERDRAINS TO BE INSTALLED AREAS WHERE CURB IS TO BE REPLACED. THE UNDERDRAIN SHALL BE CONSTRUCTED 50 AS TO MATCH THE LOCATION OF AN EXISTING UNDERDRAIN TO REMAIN. UNDERDRAIN SHALL OUTLET AT CATCH BASIN. UNDERDRAINS SHALL HAVE FILTER FABRIC WRAP OR TRENCH IS WRAPPED WITH FILTER FABRIC AS SPECIFIED.
7. OTHER TYPES OF CURBS AS SHOWN ON ODOT STANDARD DRAWINGS MAYBE USED IF APPROVED BY THE CITY.

CITY OF CLEVELAND	
DEPARTMENT OF PUBLIC SERVICE	
DIVISION OF ENGINEERING & CONSTRUCTION	
JOMARIE WASK - DIRECTOR OF PUBLIC SERVICE	
STANDARD CONSTRUCTION DRAWING	
CURB DETAILS	
NOT TO SCALE	
DRAWN BY: <u>R. PLIODZINSKI</u>	DATE: <u>4/8/08</u>
SUBMITTED BY: <u>W. MCLAUGHLIN</u>	DATE: <u>4/8/08</u>
APPROVED: <u><i>W. McLaughlin</i></u>	DATE: <u>4/14/08</u>
R COMMISSIONER OF ENGINEERING & CONSTRUCTION	
FILE NO.: CD-1	SHEET 1/3



CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SERVICE

DIVISION OF ENGINEERING & CONSTRUCTION

MARIE WASKI - DIRECTOR OF PUBLIC SERVICE

STANDARD CONSTRUCTION DRAWING

STANDARD PLAN OF

TYPICAL CURB & DETAILS

AT DRIVEWAYS

NOT TO SCALE

BY: R. PLIODZINSKAS DATE: 4/8/08

DESIGNED BY: W. MC LAUGHLIN DATE: 4/8/08

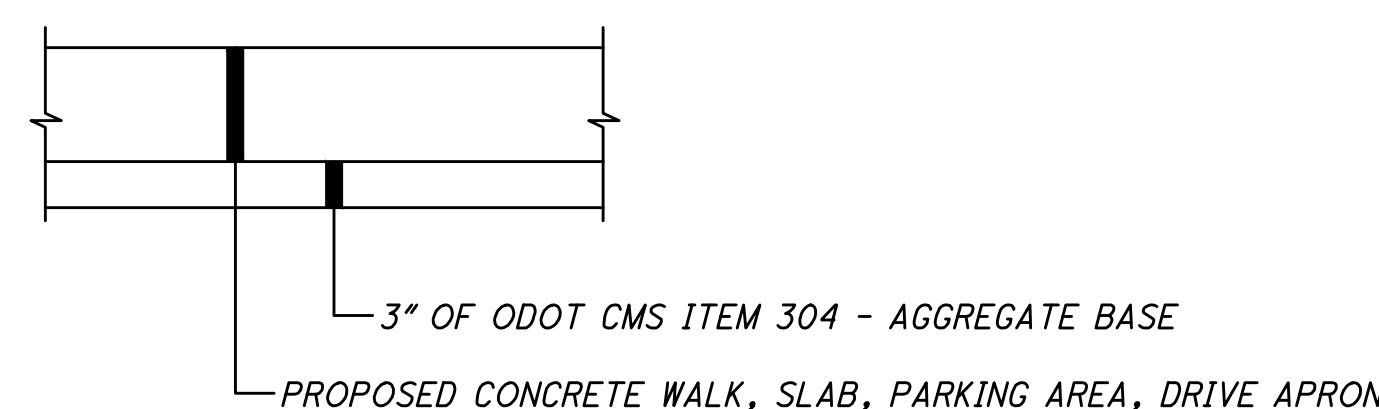
DRAWN BY: Rose SLICK DATE: 4/14/08

CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

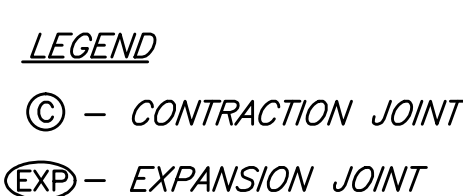
SEAL OF PROFESSIONAL ENGINEER

EXPIRATION DATE: \_\_\_\_\_

CD 1 SHEET 2/3



PAVEMENT/WALK SUBBASE DETAIL



NOTE: DEPTH OF CONTRACTION JOINT SHALL BE 1/4 SLAB THICKNESS WITH 1" MINIMUM DEPTH.

JOINT LAYOUT PLAN

FOR CONSTRUCTION

CONSULTANTS:



ARCHITECT/ENGINEERS:



Drawing Title	MISCELLANEOUS DETAILS
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Approved: Project Director

Project Title	VAMC WADE PARK CLEVELAND TR HOUSE IMPROVEMENTS
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Location	9401 LORAIN AVE, CLEVELAND, OHIO 44102
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Date	12/06/12	Checked By	RAB	Drawn By	ARP
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Project Number	541-12-125
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	Drawing Number
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Office of  
Construction  
and Facilities  
Management

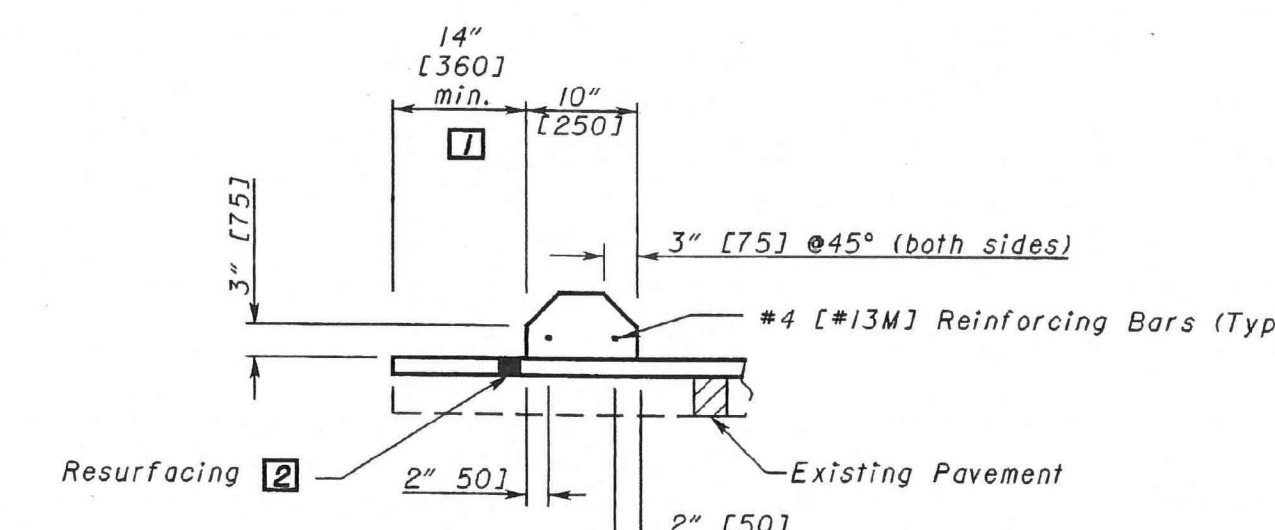
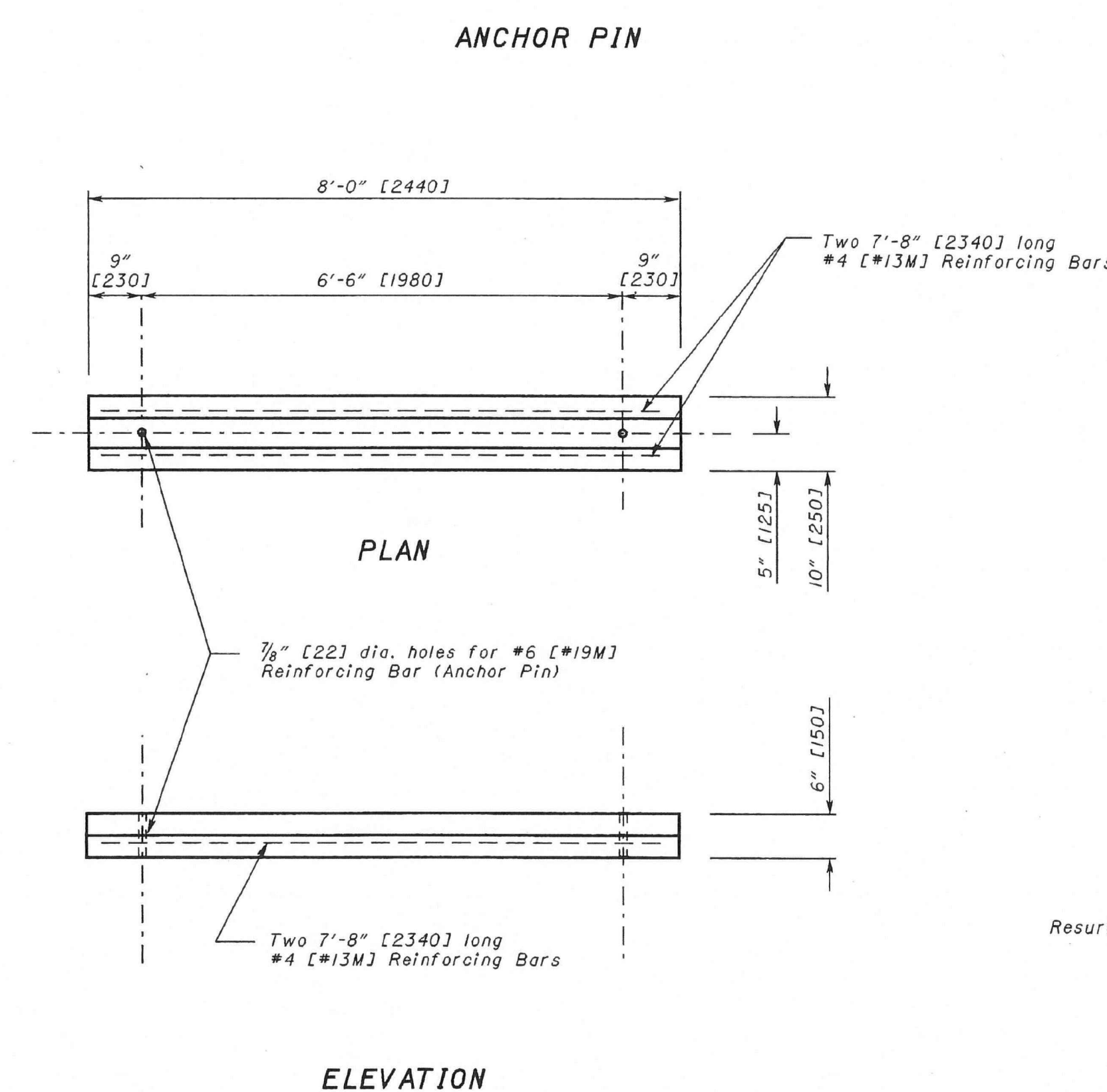


## NOTES

- 1) All materials used to manufacture the concrete parking block shall be in accordance with CMS 604.
- 2) The material requirements for the anchor pin shall be in accordance with CMS 509.02.
- 3) All #4 [\*13M] reinforcing bars shall be epoxy coated as per CMS 509.
- 4) Reinforcing steel shall be placed 2" [50] clear (minimum) from the surface of the concrete.
- 5) Payment will be made as **Item Special, Concrete Parking Block, Each** and includes reinforcing steel and anchor pins.

### LEGEND

- 7** 14" [360] is the normal setback distance from a pavement edge.
- 2** In a remove and reset operation, the block would go on new or resurfaced pavement. However, it may be necessary on some projects to place new blocks on existing pavement.



SECTION