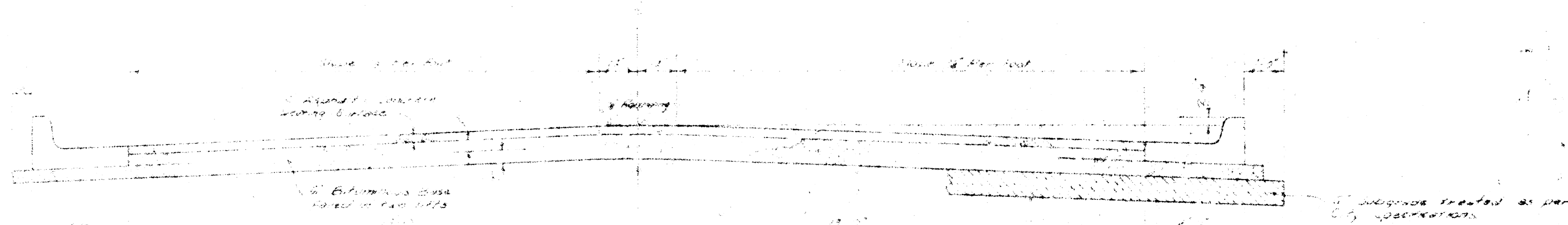


**CARDINAL DRIVE  
S. L. REDBUD LANE TO S. L. MCLEAN BLVD.**



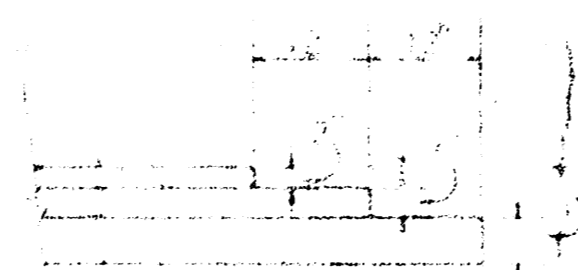
**TYPICAL SECTION**

3" ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

**DETAIL OF TRANSVERSE CONSTRUCTION JOINTS**



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.

*The AC pavement between the Curb & Gutter shall be paid as 3" AC Pavement (6" Bituminous Base). The Bituminous Base under the Curb & Gutter shall be paid as 3" Bituminous Base.*

COMBINED CURB & GUTTER

ROLL TYPE CURB & GUTTER

CITY OF WICHITA, KANSAS

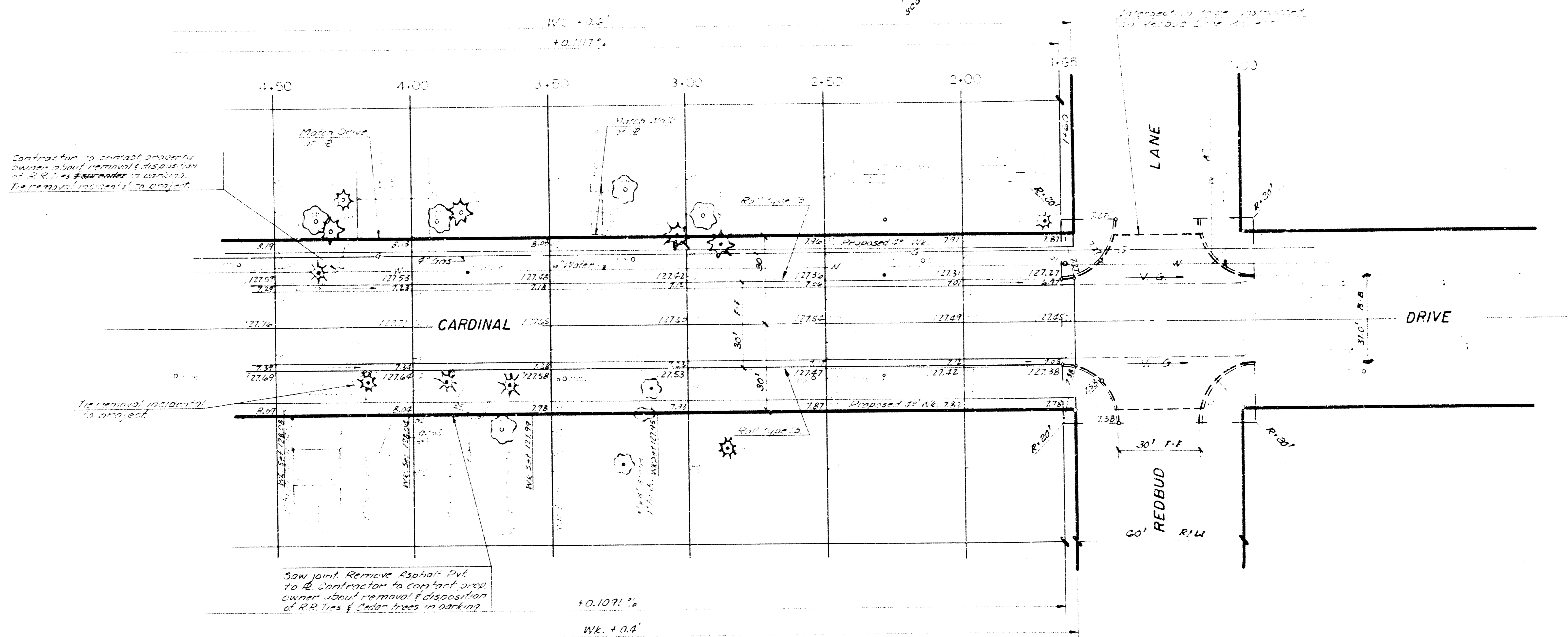
DEPARTMENT OF PUBLIC WORKS — ENGINEERING  
R. W. LINN CITY ENGINEER

DATE \_\_\_\_\_ PROJ. NO. DAKS 566050  
472 76 245 80014 000 000 001

1/5

B.M. 12943 "M" in Mueller Fire Hyd. S.E. Cor. CARDINAL and REDBUD.

Base Line: CARDINAL DRIVE



Contractor to contact property owner to have removal of existing curbs & sidewalks in parking. The removal incidental to project.

The removal incidental to project.

Saw joint. Remove Asphalt Pav to R. Contractor to contact prop. owner about removal & disposition of RR ties & Cedar trees in parking.

Construct Roll Type Comb. Cb. + Gtr.

EARTHWORK TOTALS

Excav. 976.7 C.Y.  
 Prop. 90.7  
 +10% 90.7  
 Total 977.6 C.Y.

Total Manipulation 2822 S.Y.

NOTE: Driveway entrances constructed on this project shall be for existing driveways only. No new driveways to be constructed.

NOTE: Contractor is to contact property owners for removing lawn sprinkler system before construction is begun.

NOTE: Mail boxes to be removed & replaced, and shall be considered incidental to the project.

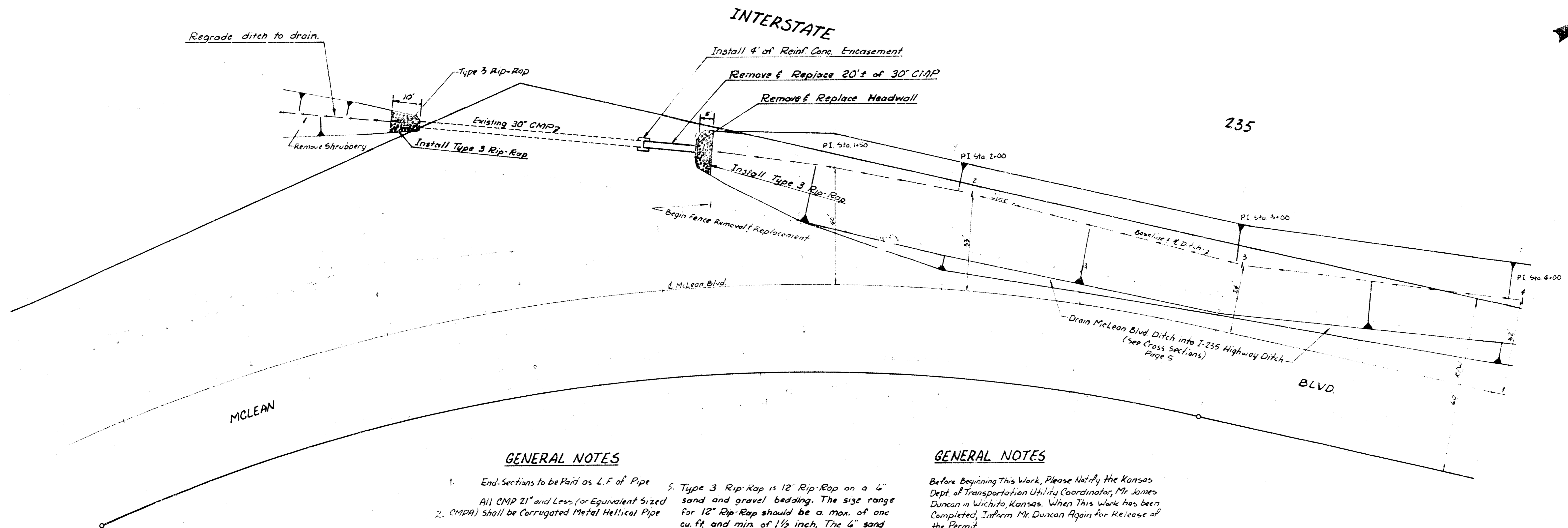
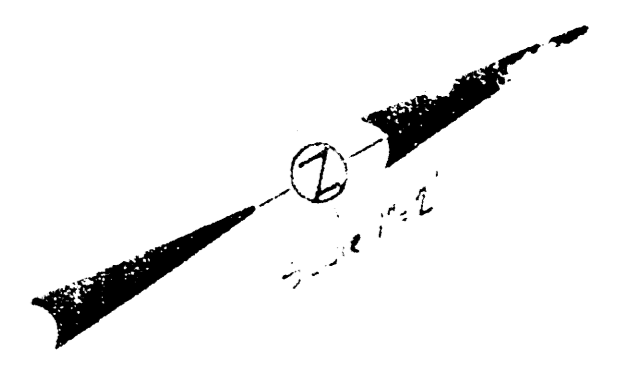
Trees to be removed are marked thus X. Except that any tree marked for removal, which in the opinion of the Engineer can be saved, shall be spared.

|  |                               |
|--|-------------------------------|
| <b>CARDINAL</b>  | <b>DRIVE</b>                  |
| S. L. REDBUD LN.                                       | S. L. MCLEAN BLD.             |
| <b>CITY OF WICHITA, KANSAS</b>                         |                               |
| (30' FF - 5" Asphalt Pavt w/ combined Curb and Gutter) |                               |
| R.W. LINN  | CITY ENGINEER                 |
| Date: _____  | Proj. No. DAKS866050          |
|  | 422 75 345' 4114 0.21 197 7.1 |

2/5



B.M. 130.80 NW Cor. of Cox. Porch of House # 3064 @ SE. Cor. of Benjamin Dr. & McLean Blvd.



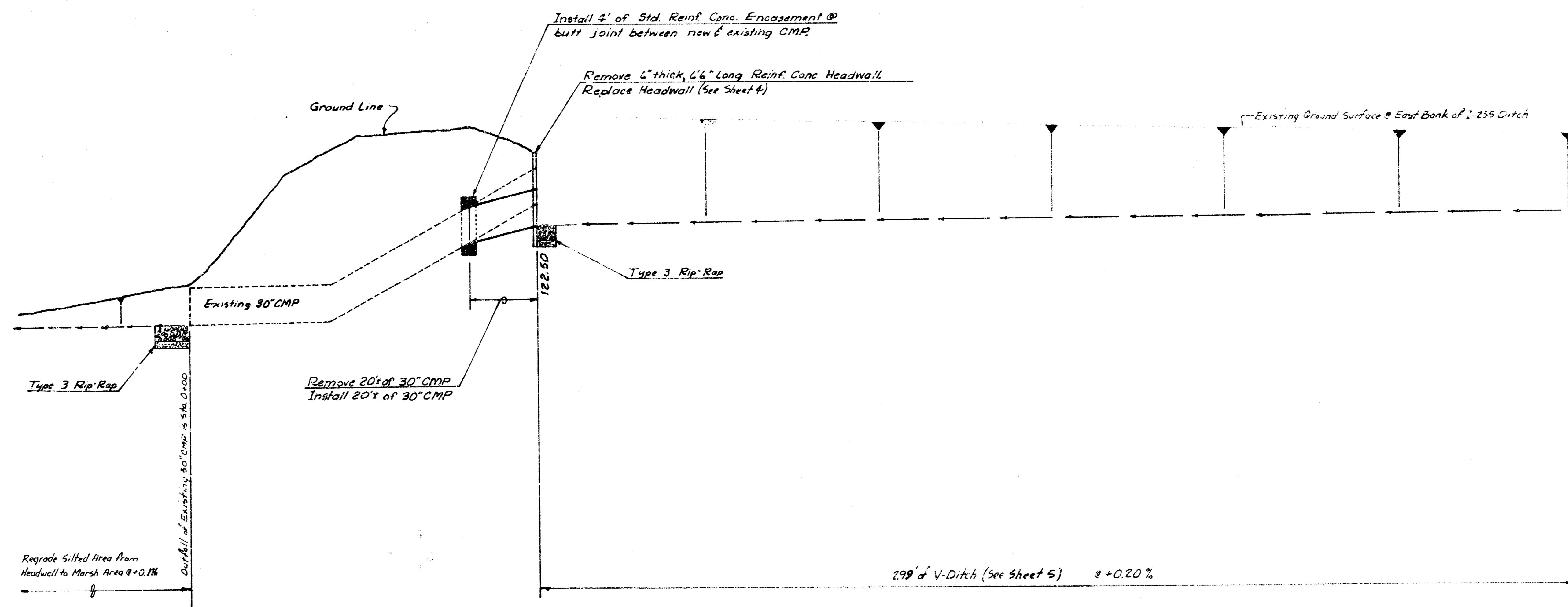
**GENERAL NOTES**

1. End Sections to be Part of L.F. of Pipe
2. All CMP 21" and Less (or Equivalent Sized CMP) shall be Corrugated Metal Helical Pipe
3. No Trees Shall be Removed or Injured Except Where Noted on Plan
4. DO NOT REMOVE EXISTING CMP
5. Type 3 Rip-Rap is 12" Rip-Rap on a 6" sand and gravel bedding. The size range for 12" Rip-Rap should be a max. of one cu. ft. and min. of 1 1/2 inch. The 6" sand & gravel bedding should be a continuous layer of sand & gravel or sand & crushed rock reasonably well graded to a max. of 1 1/2" in size.

**GENERAL NOTES**

Before Beginning This Work, Please Notify the Kansas Dept. of Transportation Utility Coordinator, Mr. James Duncan in Wichita, Kansas. When This Work has been Completed, Inform Mr. Duncan Again for Release of the Permit.

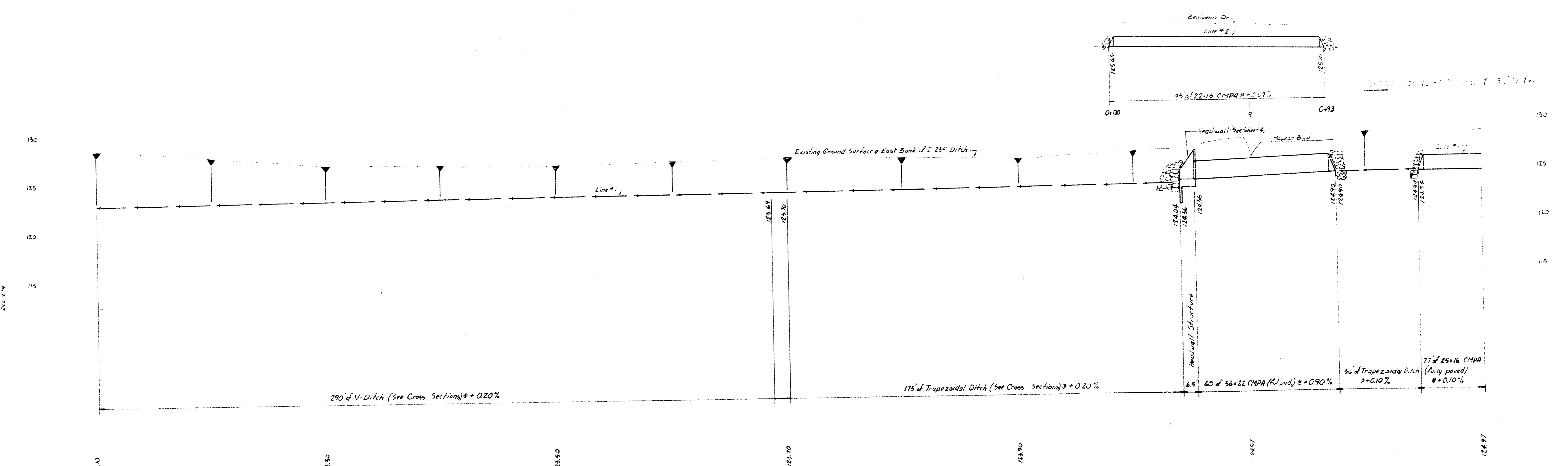
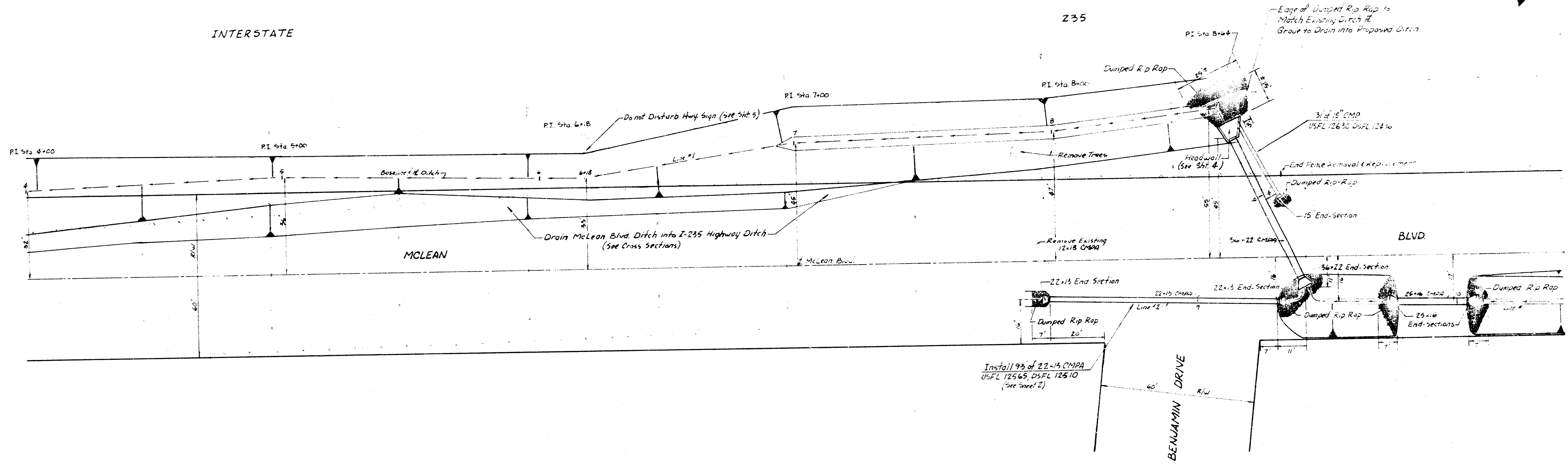
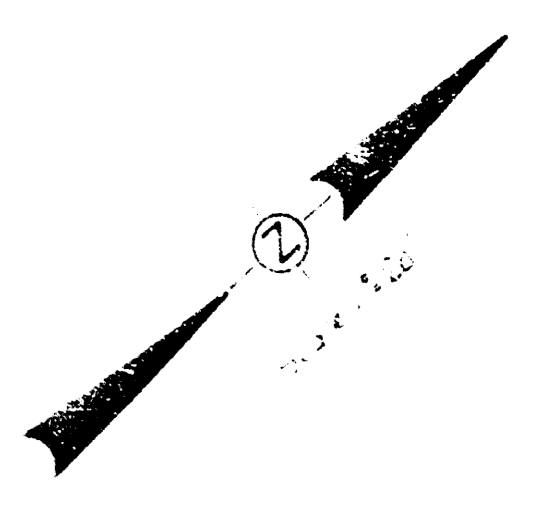
246 179



Rev. 2-10-78

DRAWING IN CONNECTION WITH  
PAVING CARDINAL; S.L. REEBUD  
TO S.L. MCLEAN  
  
CITY OF WICHITA, KANSAS  
RW LINN, CITY ENGINEER  
  
PROJECT NO.:  
DAKD 344050  
472-76-205-8004-000-000-002  
  
Sheet 1 of 5

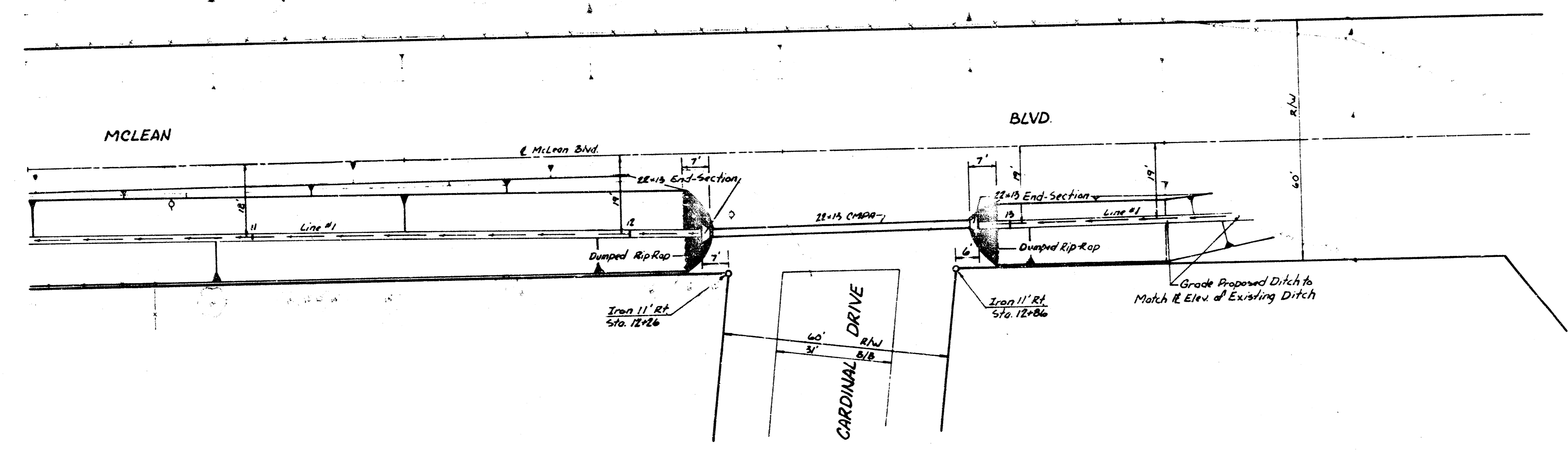
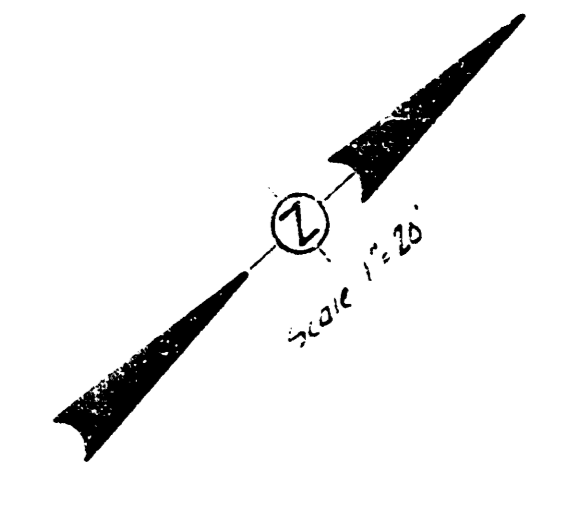
B.M. 12826 RR Spike in S. Face of Street Light Pole @ NW. Cor. of Benjamin Dr. & Benjamin Ct.



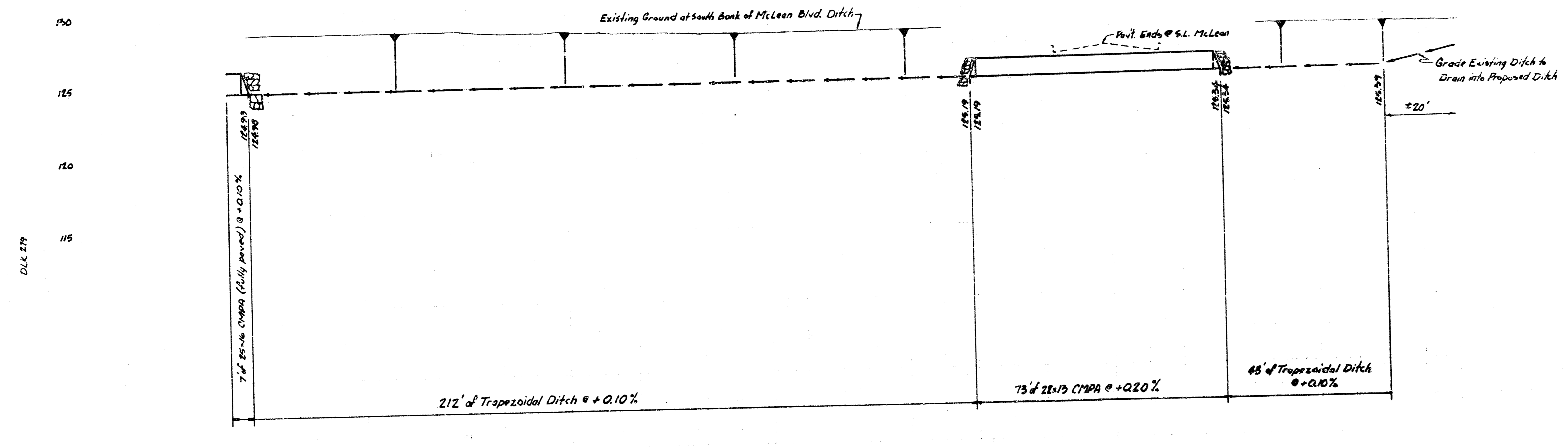
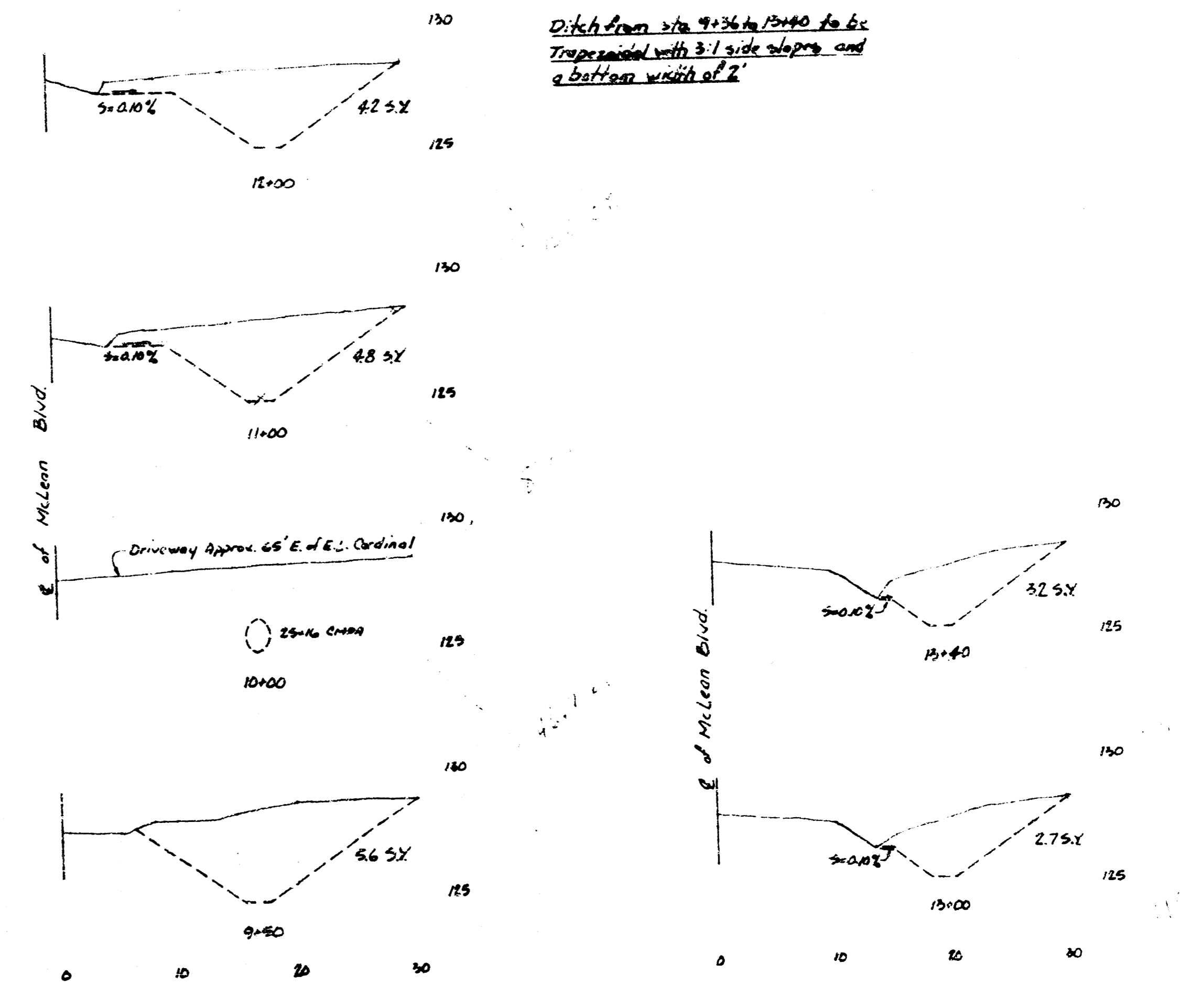
B.M. 128.65 City Standard McLean Blvd. and Cardinal Dr. (S.W. Cor.)

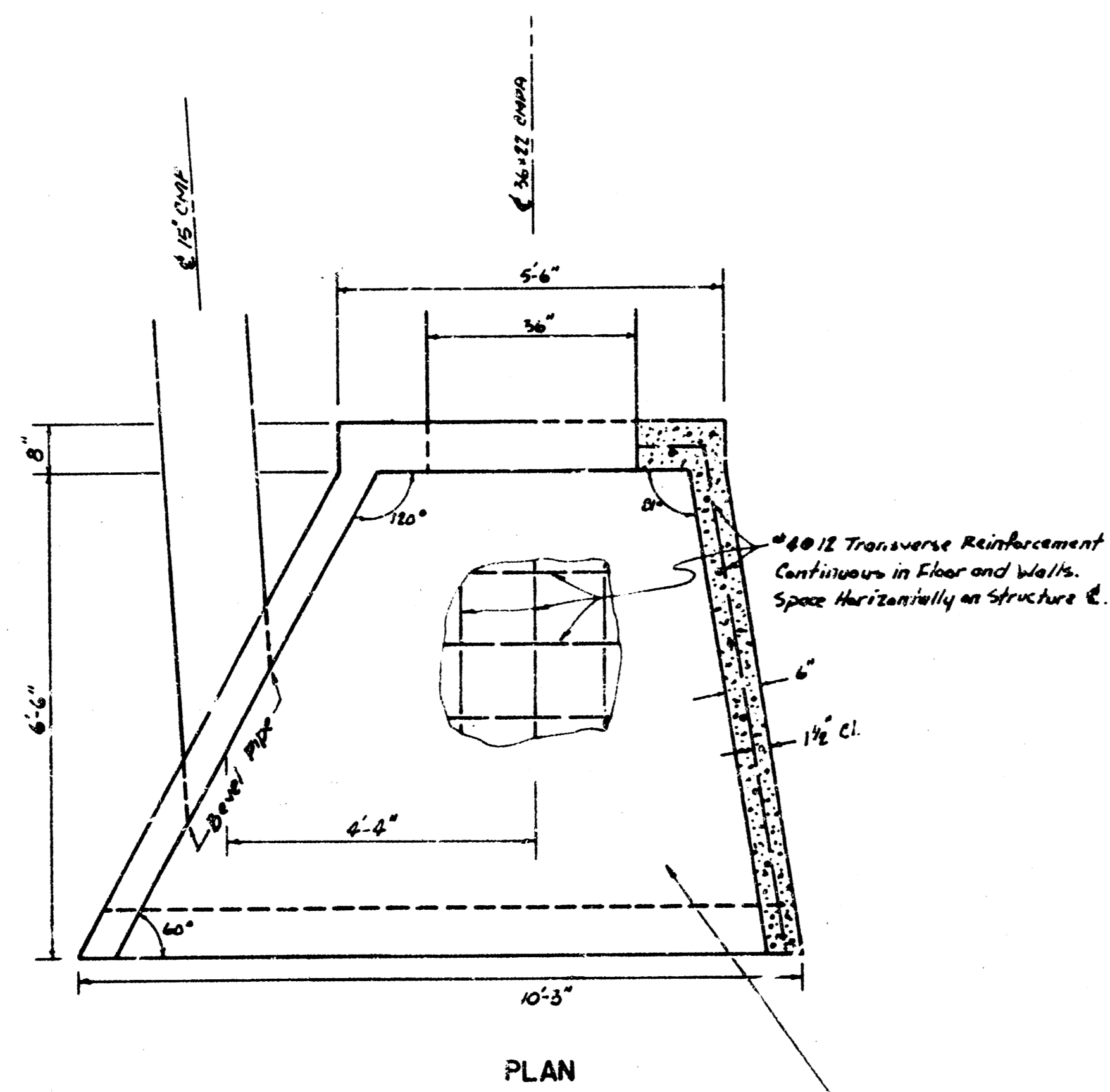
INTERSTATE

235



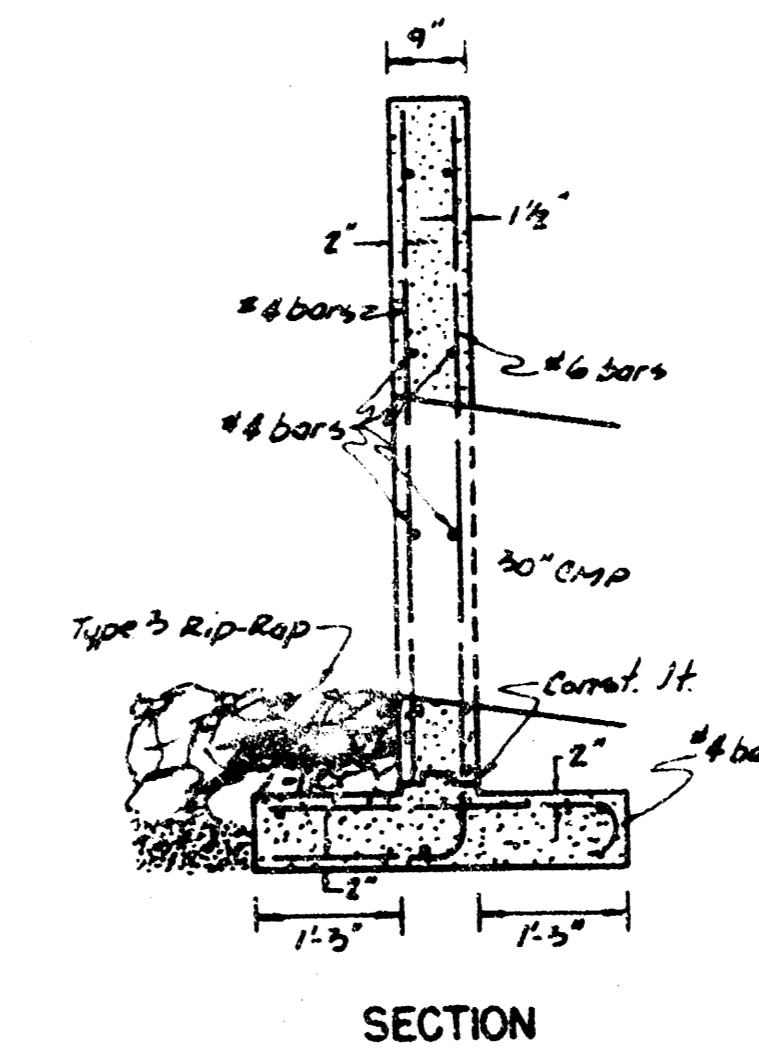
Cross-Sections of Ditch on South Side of McLean Blvd. STA. 9+36 to 15+40



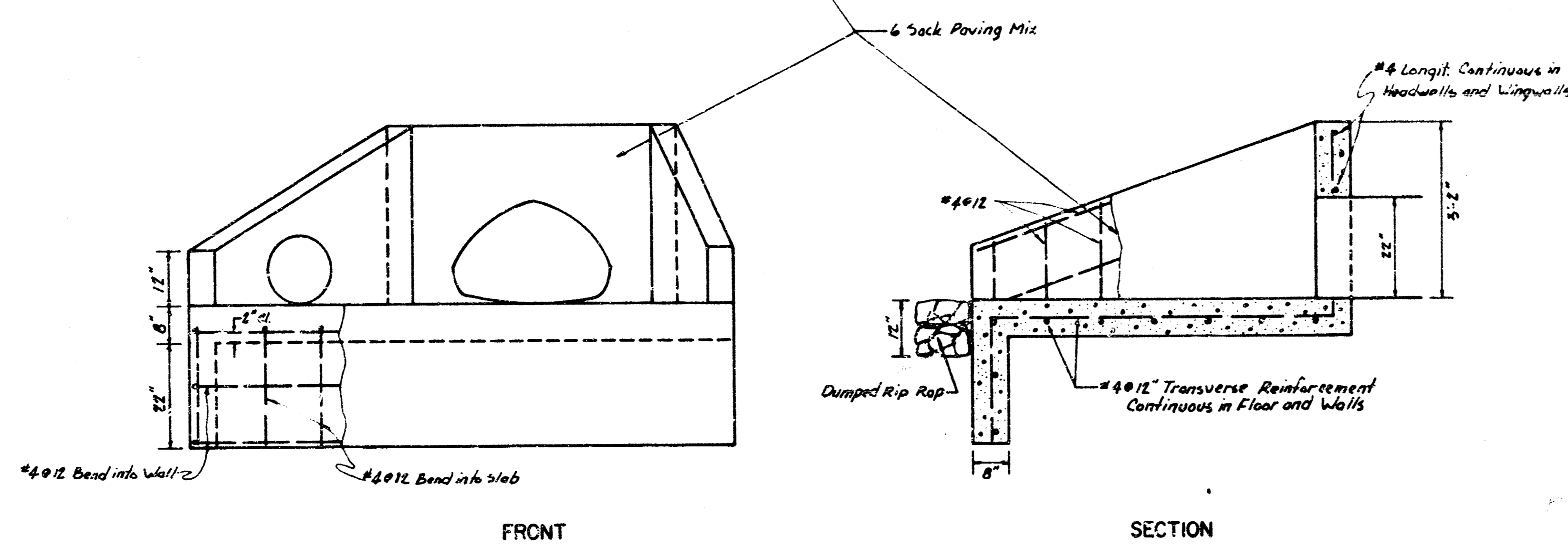


**HEADWALL  
DETAIL**  
Scale 1"=2'  
(STA. 8+77)  
36x22 CMPA

**HEADWALL  
DETAIL**  
(STA. 1+01)  
Scale 1"=2'  
30" CMP

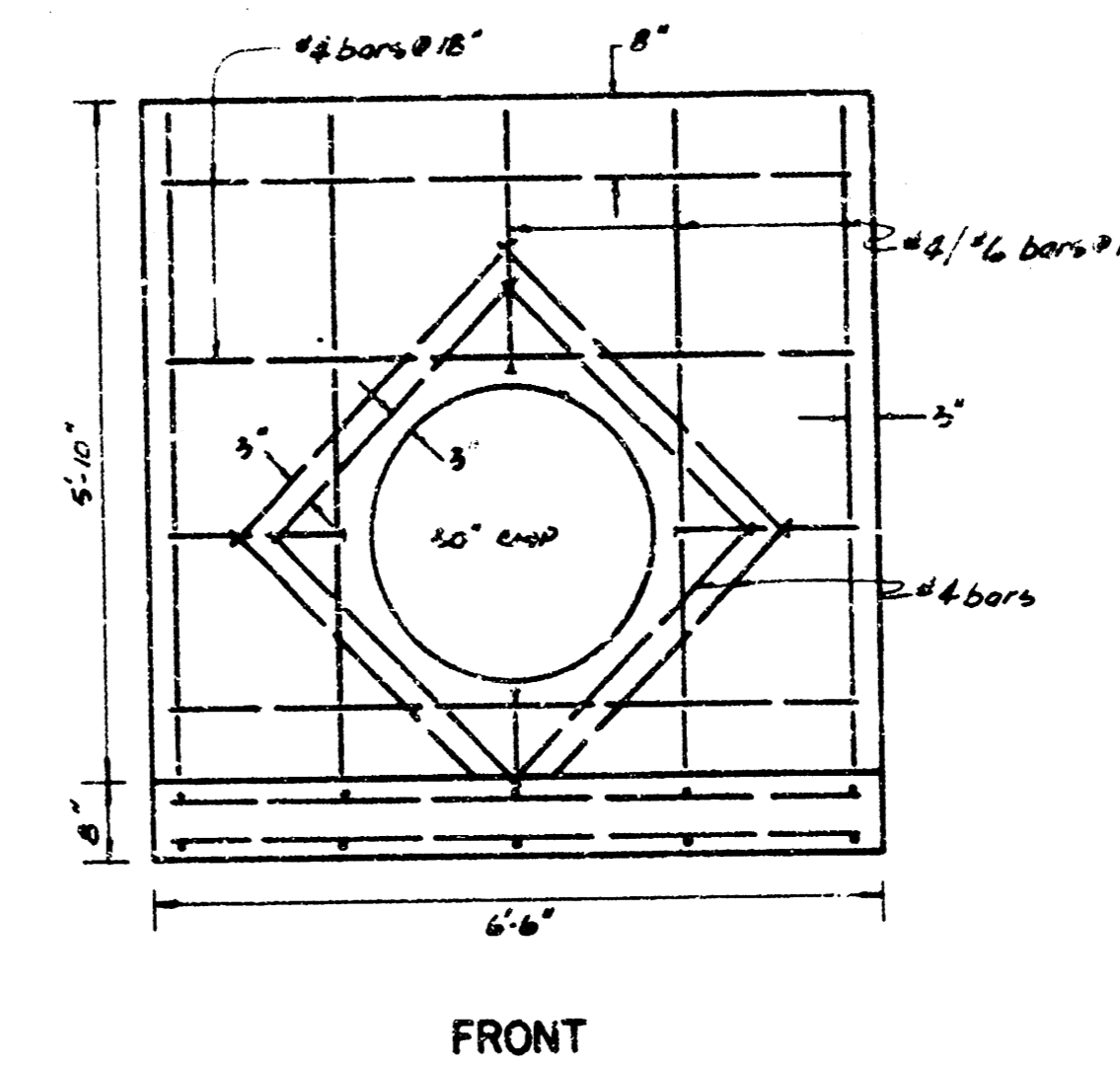


SECTION



FRONT

SECTION



FRONT