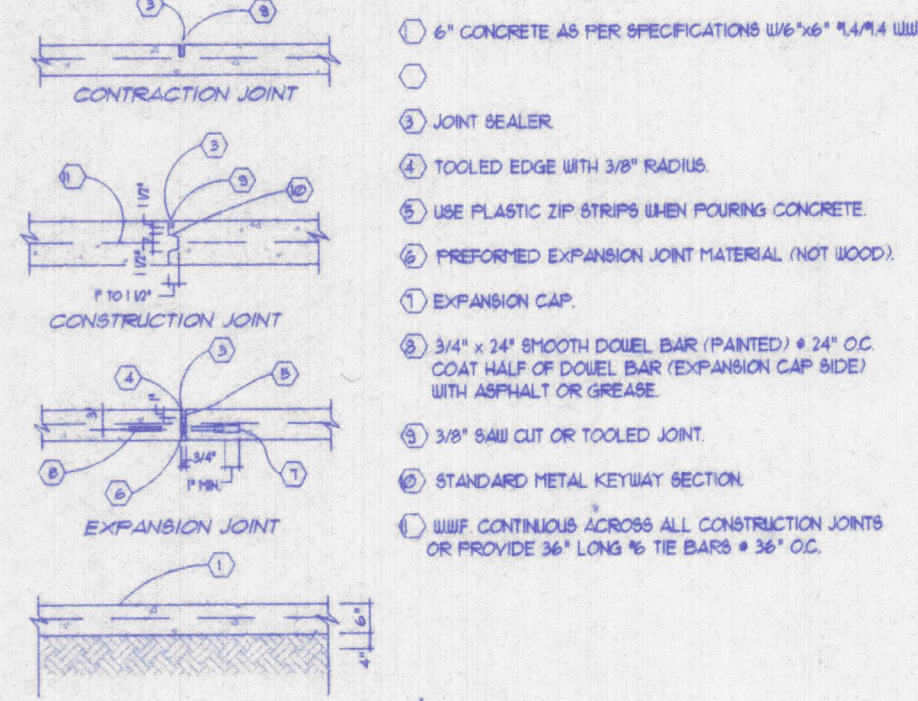


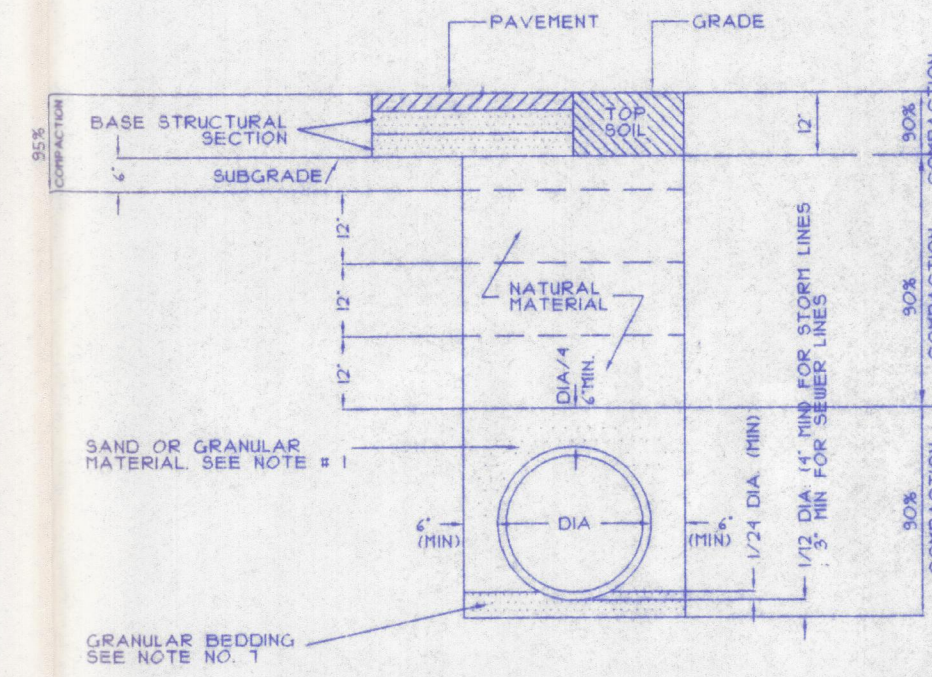
### ASPHALT PAVING DETAIL

SCALE: NOT TO SCALE



### CONCRETE PAVING CONCRETE DETAILS

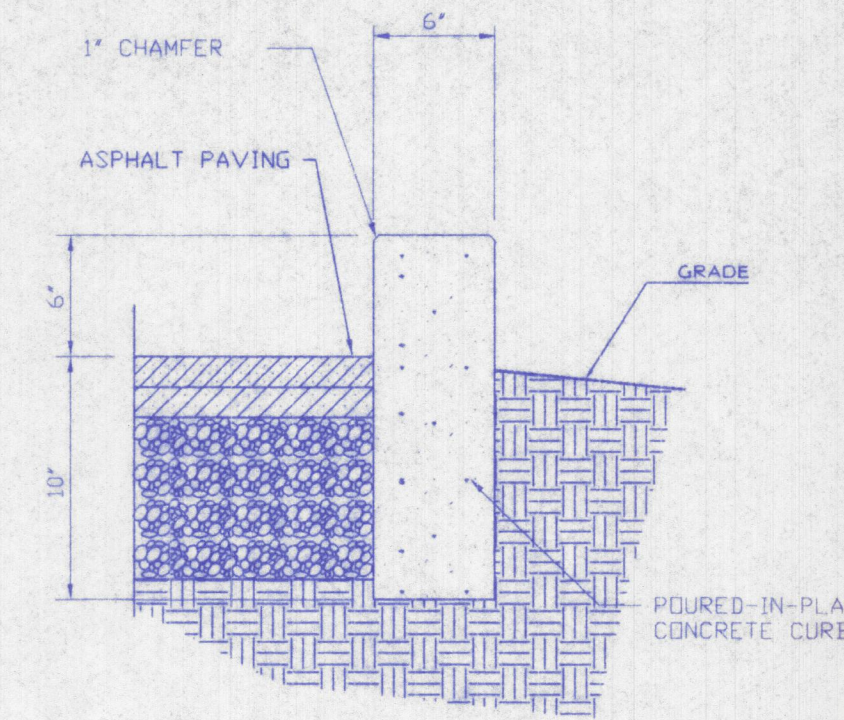
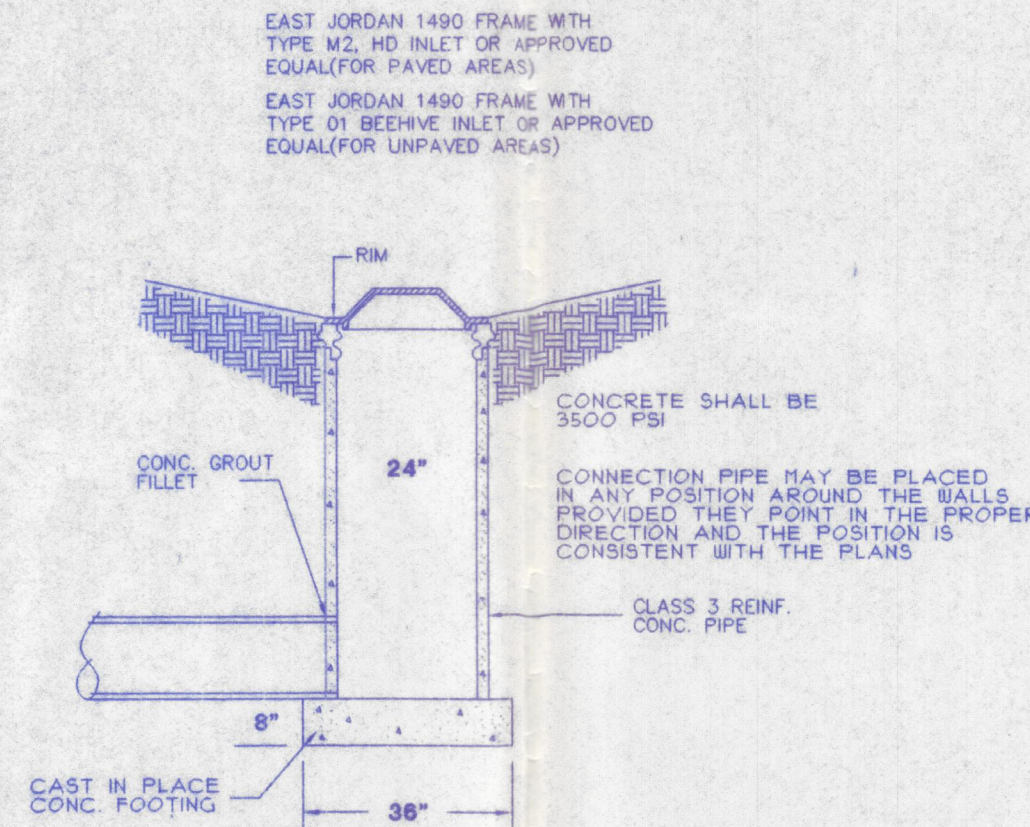
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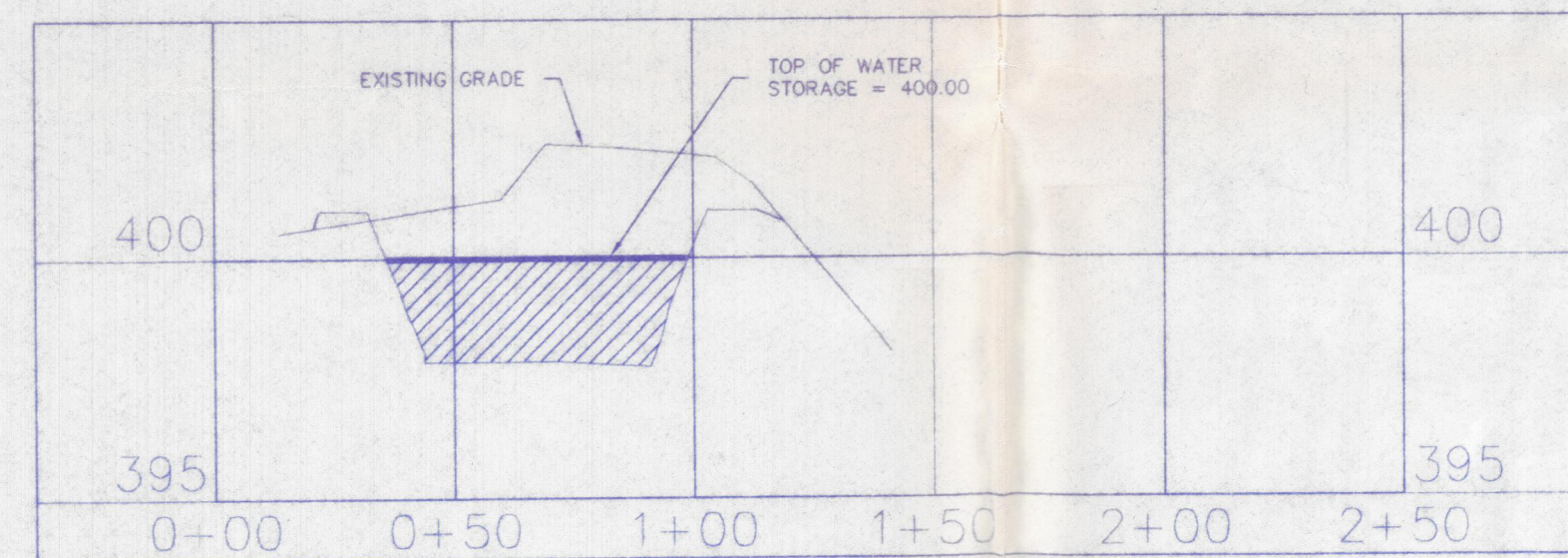
### TRENCH BACKFILL DETAIL

- NOTES:
1. GRANULAR MATERIAL AROUND PIPE SHALL BE IMPORTED OR NATURAL MATERIAL IF SAND IS USED AND IS TO BE COMPACTED BY THE WATER FLOOD METHOD. IT SHALL CONTAIN NO STONE LARGER THAN 3/8" DIA.
  2. METHOD OF BACKFILL AROUND PIPE SHALL REST WITH THE APPROVAL OF THE PROJECT ENGINEER. IN 12" DIA. AREA, FLOODING METHOD OF COMPACTION SHALL BE PERMITTED.
  3. BACKFILL SHALL BE COMPACTED TO 90% MAXIMUM DENSITY BASED ON A.S.T.M. - D-957 LATEST EDITION, METHOD A, HOOPED TO 3 LAYERS.
  4. BACKFILL TO BE BROUGHT TO SUB-GRADE AND COMPACTED TO 90% MAXIMUM DENSITY. IN LIFTS TO WITHIN 0.5 FEET OF THE STRUCTURAL SECTION.
  5. THE STRUCTURAL SECTION AND 0.5 FEET BELOW THE SUB-GRADE PLANE SHALL BE COMPACTED TO 90% MAXIMUM DENSITY.
  6. COMPACTION TESTS SHALL BE TAKEN AT 1 FEET VERTICAL INTERVALS, A MAXIMUM 350 FEET HORIZONTAL DISTANCE AND/OR A MINIMUM OF TWO TESTS PER PAVEMENT CROSSING (MAX. 500').
  7. GRANULAR BEDDING SHALL BE SAND, GRAVEL OR FINE AGGREGATES CONFORMING TO INDIANA STATE HIGHWAY STANDARD.

### AREA DRAINS

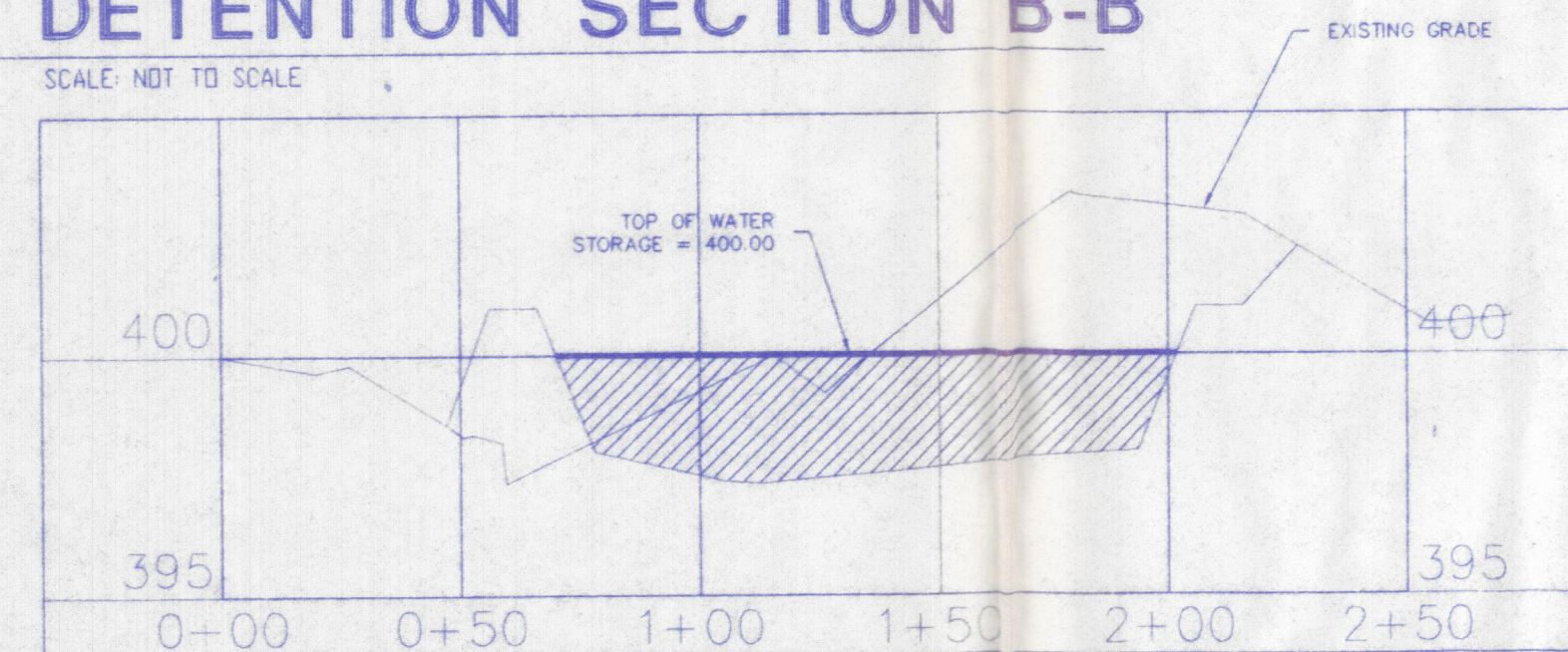


### VERTICAL CURB



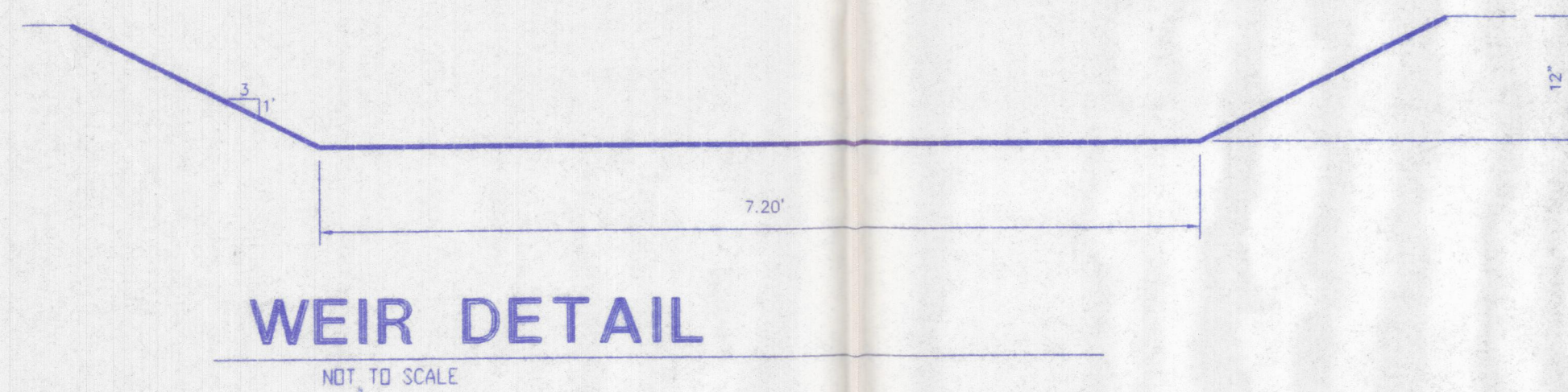
### DETENTION SECTION B-B

SCALE: NOT TO SCALE



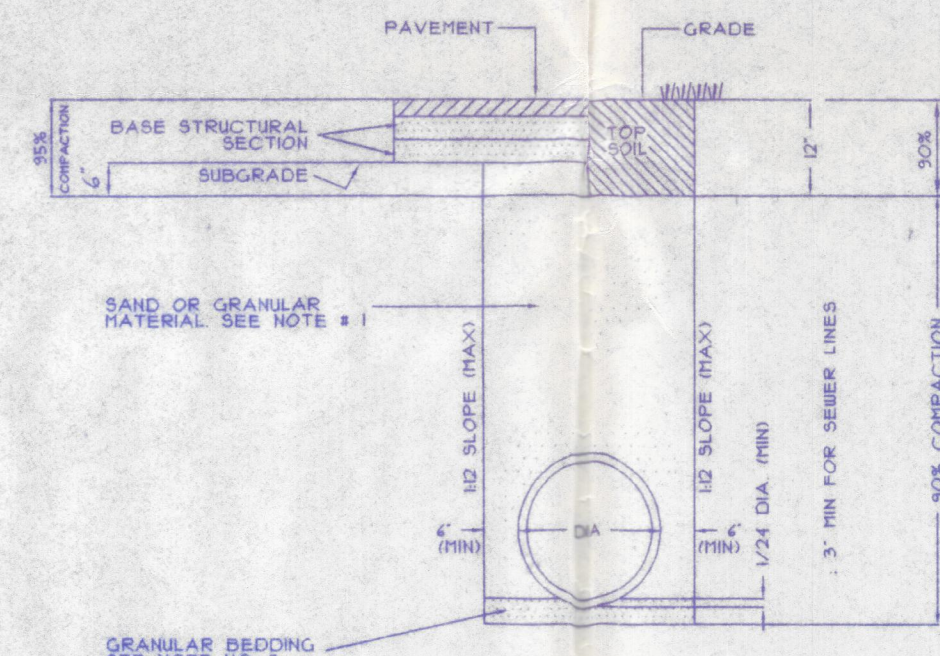
### DETENTION SECTION A-A

SCALE: NOT TO SCALE



### WEIR DETAIL

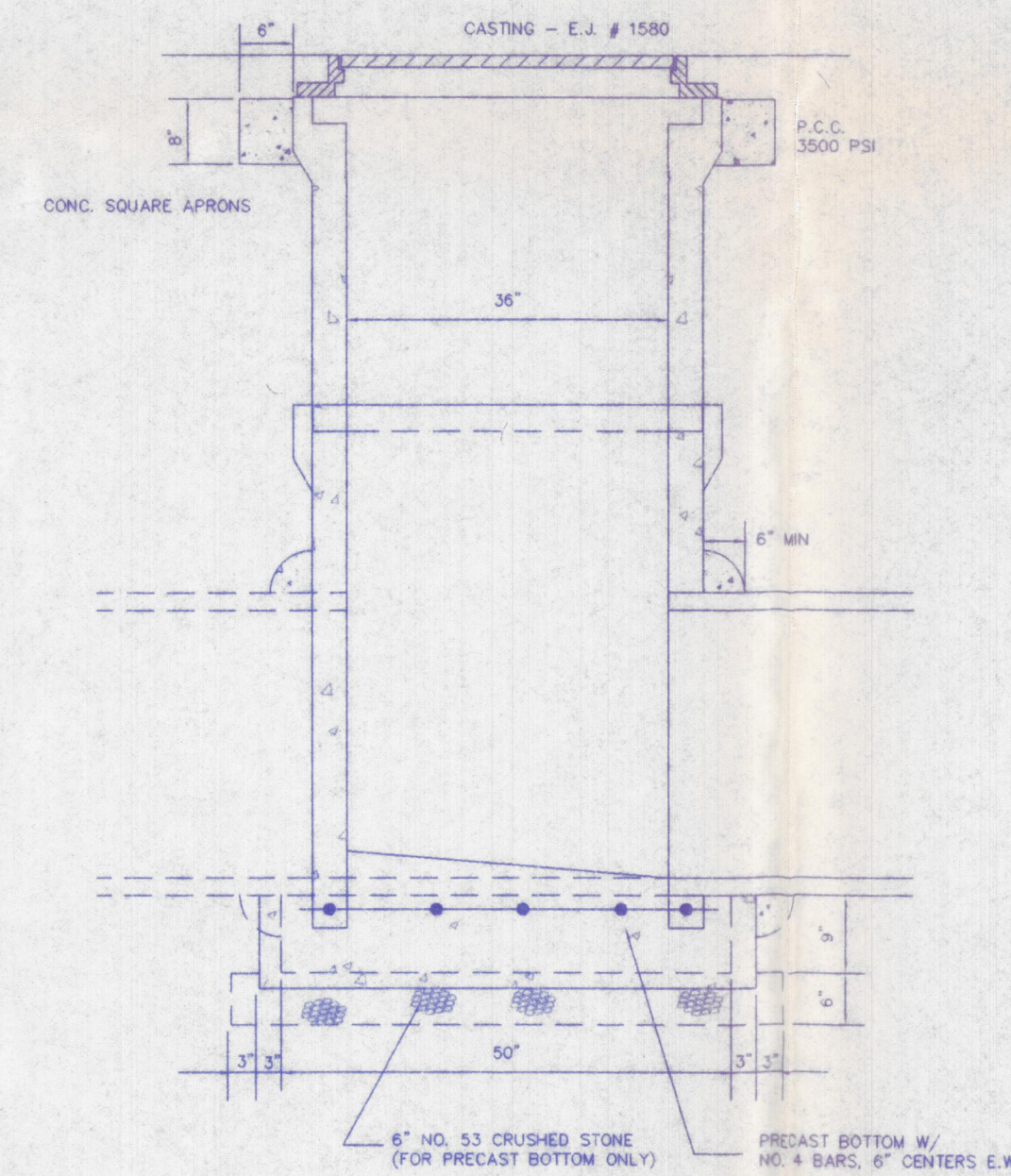
NOT TO SCALE



### TRENCH BACKFILL DETAIL

- NOTES:
1. GRANULAR MATERIAL BACKFILL SHALL BE SAND CONTAINING NO MORE THAN 5% SILTS. IF IT IS TO BE WATER FLOODED, GRANULAR MATERIAL MAY BE COMPACTED IN LIFTS NOT TO EXCEED 12" BY THE WATER FLOODING METHOD. SAND CONTAINING BETWEEN 5% AND 10% SILTS SHALL BE COMPACTED IN 7 LIFTS BY MECHANICAL METHODS.
  2. METHOD OF BACKFILL AROUND PIPE SHALL REST WITH THE APPROVAL OF THE PROJECT ENGINEER.
  3. BACKFILL SHALL BE COMPACTED TO 90% MAXIMUM DENSITY BASED ON A.S.T.M. - D-957 LATEST EDITION, METHOD A, HOOPED TO 3 LAYERS.
  4. BACKFILL TO BE BROUGHT TO SUB-GRADE AND COMPACTED TO 90% MAXIMUM DENSITY. IN LIFTS TO WITHIN 0.5 FEET OF THE STRUCTURAL SECTION.
  5. THE STRUCTURAL SECTION AND 0.5 FEET BELOW THE SUB-GRADE PLANE SHALL BE COMPACTED TO 90% MAXIMUM DENSITY.
  6. COMPACTION TESTS SHALL BE TAKEN AT 1 FEET VERTICAL INTERVALS, A MAXIMUM 350 FEET HORIZONTAL DISTANCE AND/OR A MINIMUM OF TWO TESTS PER PAVEMENT CROSSING (MAX. 500').
  7. GRANULAR BEDDING SHALL BE SAND, GRAVEL OR FINE AGGREGATES CONFORMING TO INDIANA STATE HIGHWAY STANDARD.

### TRENCH BACKFILL DETAIL (IMPORTED MATERIAL)



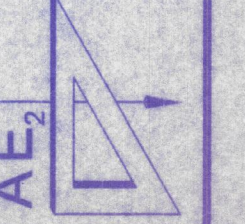
### JUNCTION CHAMBER EVANSVILLE TYPE B-2

### NOTES:

1. CONCRETE FOR POURED BASE, SQUARE APRON & CONC. COLLARS SHALL BE 3500 PSI CONC. PRECAST CONC SHALL CONFORM TO ASTM C-478.
2. BASE MAY BE PRECAST OR POURED IN PLACE CONC. WHEN PRECAST CONC. BASE IS USED, A 6" BASE OF NO. 53 CRUSHED STONE WILL BE REQUIRED. ALL CONNECTING PIPES SHALL BE GROUTED WITH A 6" CONC. COLLAR.
3. THE M.H./INLET SHALL BE BACKFILLED WITH "B" BORROW AND MECHANICALLY COMPACTED IN 6" LIFTS TO 90% STANDARD DENSITY.



**ANDY EASLEY ENGINEERING**  
 CIVIL ENGINEERING (812) 424-2481 LAND SURVEYING  
 1133 WEST MILL ROAD EVANSVILLE, INDIANA 47710



**MAPLE MACHINE CO.**  
 AGRI-STEEL INDUSTRIAL SUBDIVISION

SHEET NO.	DATE	DESIGNED BY	CHECKED BY
	8-1-88	T.J.K.	F.A.E.
2 OF 2	PROJECT NO.	SCALE	AS NOTED
	4400		
	REVISIONS		