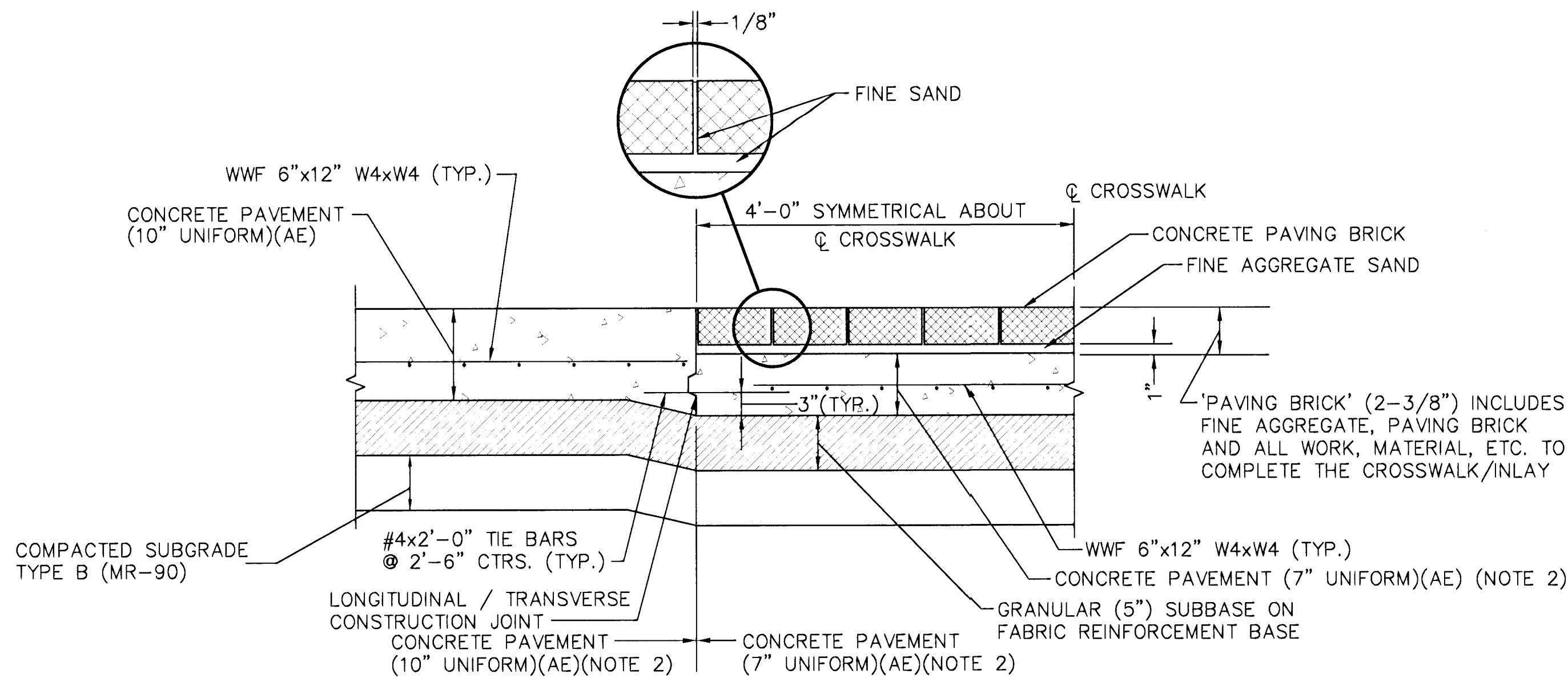


NOTES:

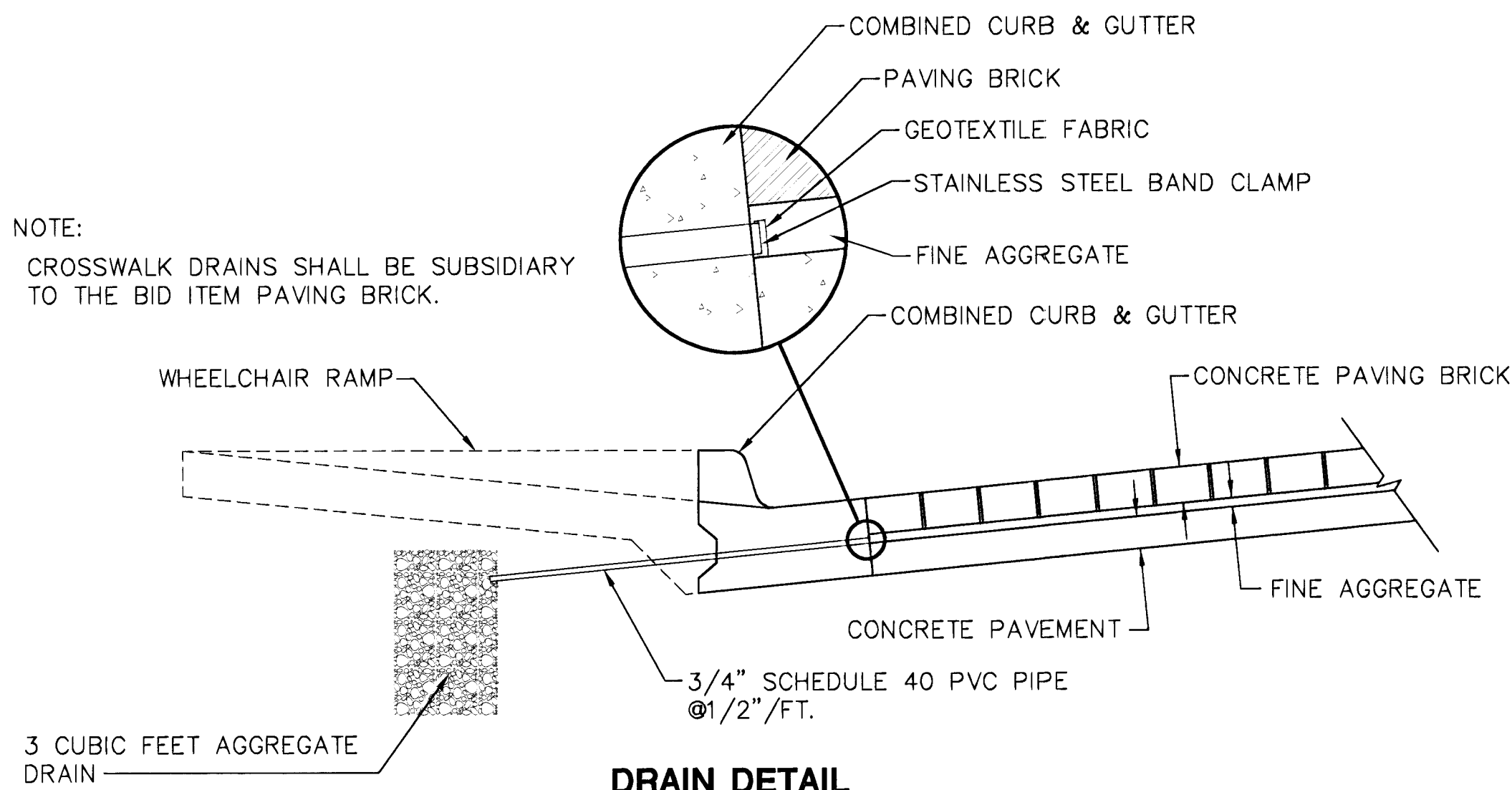
- SEE SEPARATE SHEET FOR JOINT DETAILS
- CURB ELEVATIONS SHOWN ARE HIGH EDGE (0.00) & TOP CURB (000.00)
- ELEVATIONS SHOWN IN PAVING STONE INLAY ARE FOR TOP OF PAVEMENT: DEDUCT THICKNESS OF PAVING STONE AND BEDDING FOR ELEVATION AT TOP OF CONCRETE.

Revised: See Bottom Rt. of this Sheet.



NOTE:

CROSSWALK DRAINS SHALL BE SUBSIDIARY TO THE BID ITEM PAVING BRICK.



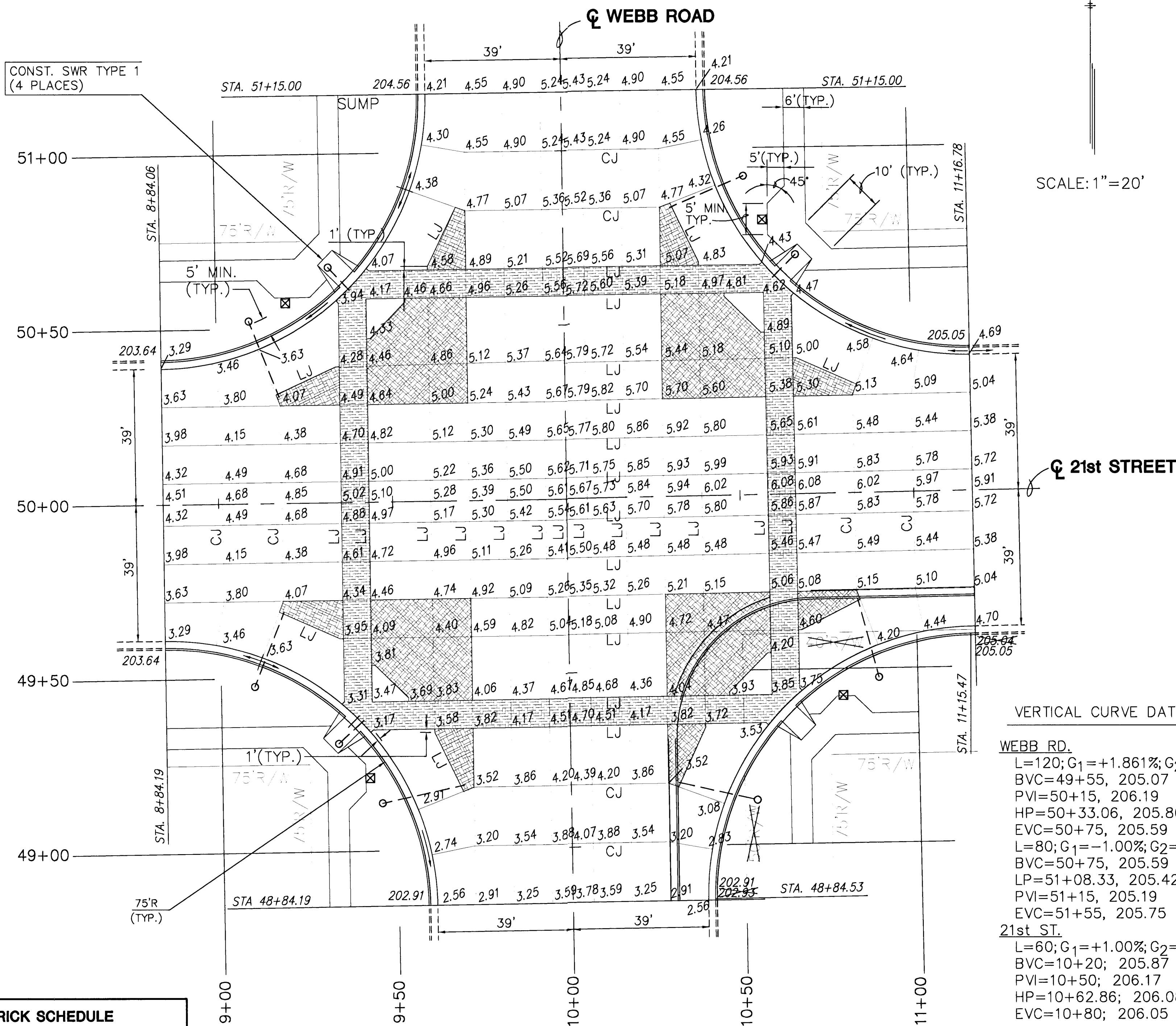
DRAIN DETAIL

NOTES:

- CONCRETE PAVING BRICK SHALL BE 2-3/8" MIN. THICKNESS AND MEET OR EXCEED ASTM C-936-82. (ALT.: CLAY BRICKS SHALL BE REPPRESSED CHAMFERED STREET PAVERS, DESIGNED FOR HEAVY VEHICLES. SIZE SHALL BE 4"x8"x2 5/8" EXCLUDING CHAMFER, COMPRESSIVE STRENGTH 8,000 PSI MINIMUM, AND ABSORPTION 5% MAXIMUM). PAYMENT SHALL BE AT THE CONTRACT BID PRICE PER SQUARE YARD FOR PAVING STONE.
- CONC. PVM.T. (7" UNIFORM)(AE) SHALL BE PAID AT THE BID PRICE FOR (10" UNIFORM)(AE) CONC. PVM.T. ADDITIONAL CONC. THICKNESS IN TRANSITION TO CROSSWALK SHALL BE SUBSIDIARY TO THE BID PRICE FOR 10" REINF. CONC. PVM.T.
- SAND BEDDING SHALL MEET THE CITY'S REQUIREMENTS FOR FINE AGGREGATE. AN UNCOMPACTED SAND LAYING COURSE SHALL BE SPREAD EVENLY OVER THE AREA TO BE PAVED AND THEN SCREED TO A LEVEL OF APPROXIMATELY 1" THICKNESS. ONCE SCREED AND LEVELED TO THE DESIRED ELEVATION, THE SAND LAYING COURSE SHALL NOT BE DISTURBED IN ANY WAY.
- THE PAVING BRICK SHALL BE INSTALLED PERPENDICULAR AND PARALLEL TO THE MAJOR AXIS OF THE CROSSWALK BEING PAVED. STONES SHALL BE PLACED WITH THE CHAMFERED SIDE UP, AND JOINT SPACES KEPT UNIFORM APPROXIMATELY 1/8 INCH THICK. THE GAPS AT THE EDGE OF THE PAVED SURFACE SHALL BE FILLED WITH STONES CUT TO FIT. CUTTING SHALL BE ACCOMPLISHED TO LEAVE A CLEAN EDGE TOWARD THE TRAFFIC SURFACE, USING A MASONRY SAW. WHENEVER POSSIBLE, NO CUTS SHOULD RESULT WITH A PAVER LESS THAN ONE-THIRD OF ITS ORIGINAL DIMENSION.
- PAVING BRICK SHALL BE VIBRATED TO THEIR FINAL LEVEL IN THE SAND LAYING COURSE BY TWO OR THREE PASSES OF A VIBRATING COMPACTOR CAPABLE OF 3000 TO 5000 POUNDS COMPACTION FORCE WITH THE SURFACE CLEAN AND JOINTS OPEN.
- AFTER VIBRATION, CLEAN CONCRETE SAND SHALL BE SPREAD OVER THE PAVING STONE SURFACE, ALLOWED TO DRY, AND VIBRATED INTO THE JOINTS WITH ADDITIONAL PASSES OF THE PLATE VIBRATOR SO AS TO COMPLETELY FILL THE JOINTS. A LIGHT COATING OF SAND SHALL BE SWEEPED OVER THE COMPLETED SURFACE AND LEFT TO WEATHER IN.

CROSSWALK AND ISLAND DETAILS

PAVING BRICK SCHEDULE		
	CROSSWALK	ISLAND
* STYLE:	HOLLAND-STONE (TYPE 1)	PLAZA-STONE (TYPE 2)
* COLOR:	TERRA COTTA	TERRA COTTA BLACK
PATTERN:	HERRINGBONE	COBBLE-STONE RANDOM
* SUBMIT SAMPLES OF STYLES AND COLORS FOR ENGINEER'S APPROVAL		



VERTICAL CURVE DATA AT $\bar{C}$

WEBB RD.

L=120; G₁=+1.861%; G₂=-1.00%
BVC=49+55, 205.07
PVI=50+15, 206.19
HP=50+33.06, 205.80
EVC=50+75, 205.59
L=80; G₁=-1.00%; G₂=+1.40%
BVC=50+75, 205.59
LP=51+08.33, 205.42
PVI=51+15, 205.19
EVC=51+55, 205.75

21st ST.

L=60; G₁=+1.00%; G₂=-0.40%
BVC=10+20, 205.87
PVI=10+50, 206.17
HP=10+62.86, 206.08
EVC=10+80, 206.05

REVISED 12-6-93

KANSAS DEPARTMENT OF TRANSPORTATION

**WEBB ROAD
AND 21st STREET NORTH
INTERSECTION DETAILS**

PROJECT NO. 87-U-1362-01 SEDGWICK CO.

MID-KANSAS ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY: GJA CHECKED BY:
DRAWN BY: BM DATE: NOV 1992 SHEET 37 of 149