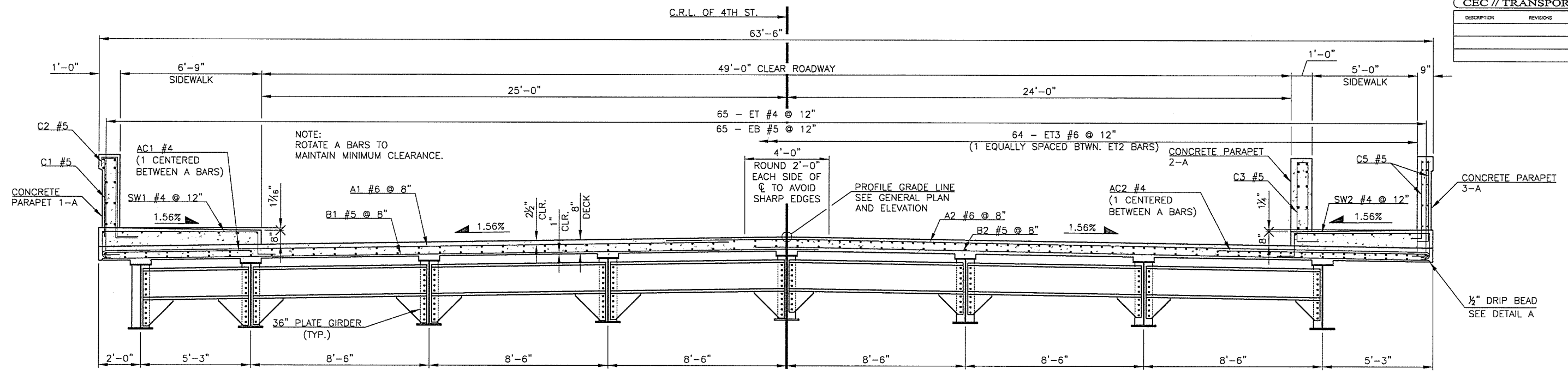


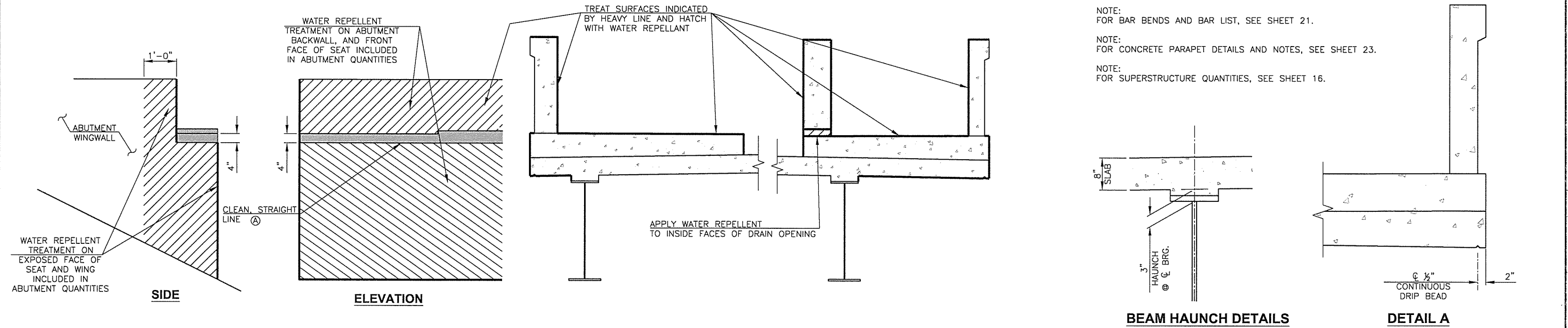
CEC // TRANSPORTATION		
DESCRIPTION	REVISIONS	DATE



**HALF SECTION AT  
END DIAPHRAGM**

**HALF SECTION AT  
INTERMEDIATE DIAPHRAGM**

**TYPICAL CROSS SECTION**



**ABUTMENT**

**PARAPET AND SIDEWALK**

**BEAM HAUNCH DETAILS**

**DETAIL A**

**WATER REPELLENT AND CIM 1000 TREATMENT DETAILS**

Ⓐ APPLY CIM 1000, OR APPROVED EQUAL, TO TOP AND SIDES OF PEDESTALS, TOP OF ABUTMENT SEAT, AND TO AN ELEVATION OF 4" DOWN FROM THE TOP OF ABUTMENT SEAT. EDGES OF THE COATING SHALL BE MASKED WITH TAPE PRIOR TO APPLICATION TO ENSURE CLEAN, STRAIGHT LINES ARE OBTAINED. REMOVE COATING FROM ANY SURFACE OUTSIDE OF THE AREAS INDICATED IN THE PLANS. DO NOT APPLY WATER REPELLENT ON SURFACES PRIOR TO APPLICATION OF CIM 1000. THE DEPARTMENT WILL NOT PAY FOR WATER REPELLENT ON SURFACES TREATED WITH CIM 1000. INCLUDE ALL COSTS FOR MATERIALS, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK IN THE CONTRACT PRICE BID FOR "(PL) INSTALLATION OF BRIDGE ITEMS (TYPE A)" INCLUDED IN THE ABUTMENT QUANTITIES.

NOTE:  
FOR BAR BENDS AND BAR LIST, SEE SHEET 21.  
NOTE:  
FOR CONCRETE PARAPET DETAILS AND NOTES, SEE SHEET 23.  
NOTE:  
FOR SUPERSTRUCTURE QUANTITIES, SEE SHEET 16.  
NOTE:  
PLAN QUANTITIES FOR CLASS AA CONCRETE INCLUDE 6.6 C.Y. IN FOR BEAM HAUNCHES. THE HAUNCH HEIGHT SHOWN IS THE THEORETICAL HAUNCH HEIGHT AT THE CENTERLINE BEARING ONLY, MEASURED FROM THE BOTTOM OF THE DECK SLAB TO THE BOTTOM OF TOP FLANGE PLATE, AND VARIES ACROSS THE SPAN. DETERMINE THE ACTUAL HAUNCH HEIGHT (ACCOUNTING FOR BEAM CAMBER, DEAD LOAD DEFLECTION AND ROADWAY GRADE) AFTER ERECTION OF THE BEAMS AND SUBMIT TO THE ENGINEER FOR APPROVAL. THE ENGINEER WILL NOT MEASURE DIFFERENCES BETWEEN THE THEORETICAL AND THE ACTUAL HAUNCH HEIGHTS FOR PAYMENT.

DESIGN	B.J.K.	4TH OVER 1-444	TULSA COUNTY
DRAWN	R.A.P.		
CHECKED	B.J.K./J.W.H.		
APPROV.	T.A.C.		
SQUAD	CEC		

**TYPICAL CROSS SECTION**  
JOB PIECE NO. 28868(04) SHEET NO. 15