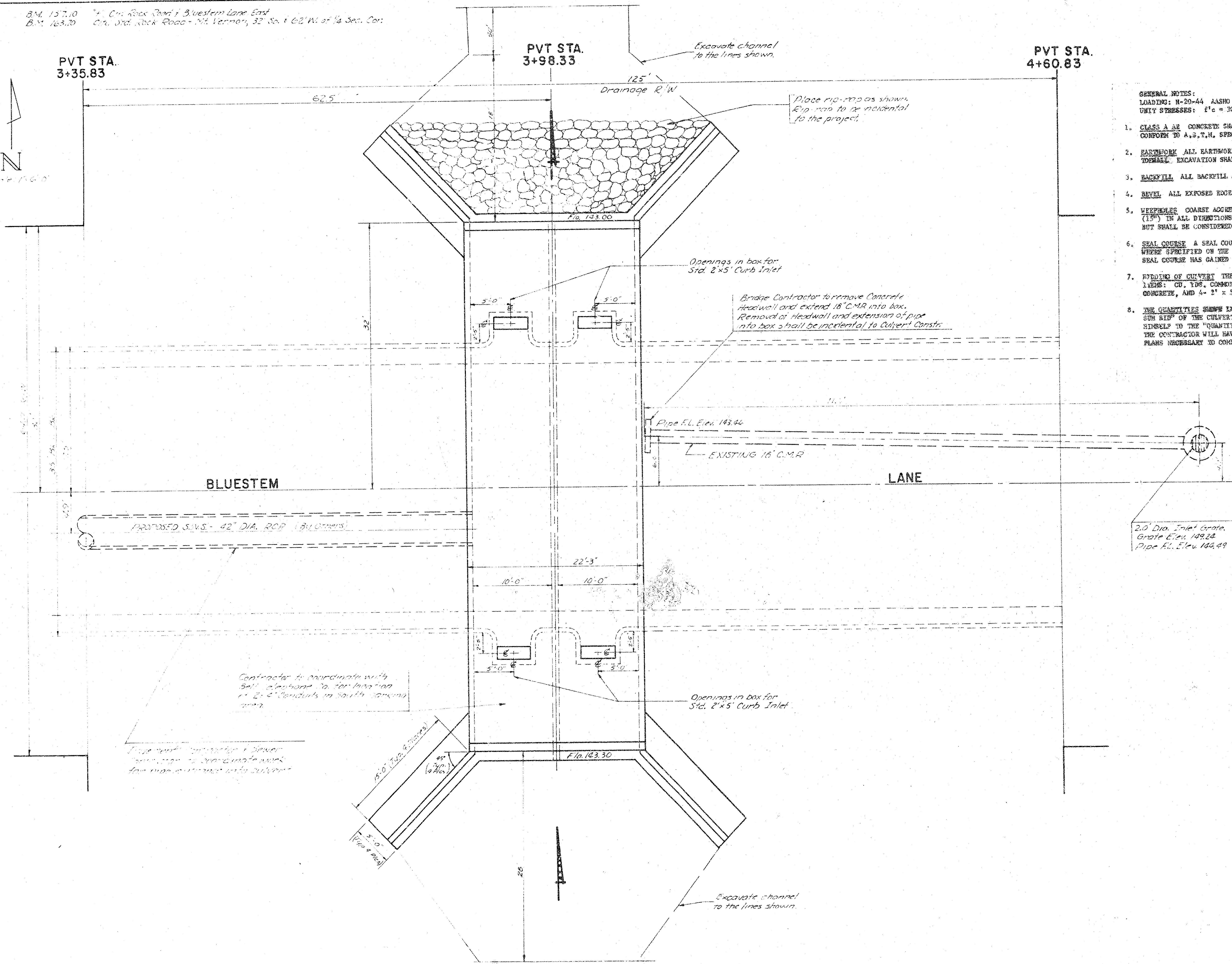
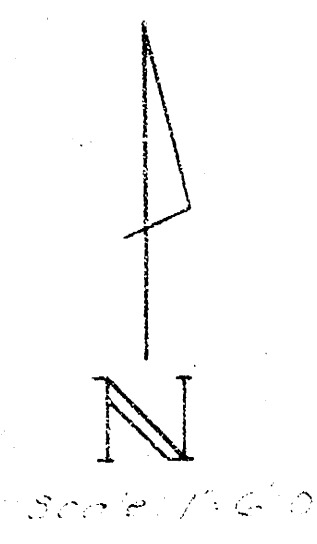


84.157.0 C.R. Rock Road & Bluestem Lane East
 D.M. 163.70 C.R. and Rock Road - N. 1/4 Section, 32 Sec. & 62' W. of 1/4 Sec. Cor.

PVT STA.
3+35.83

PVT STA.
3+98.33

PVT STA.
4+60.83

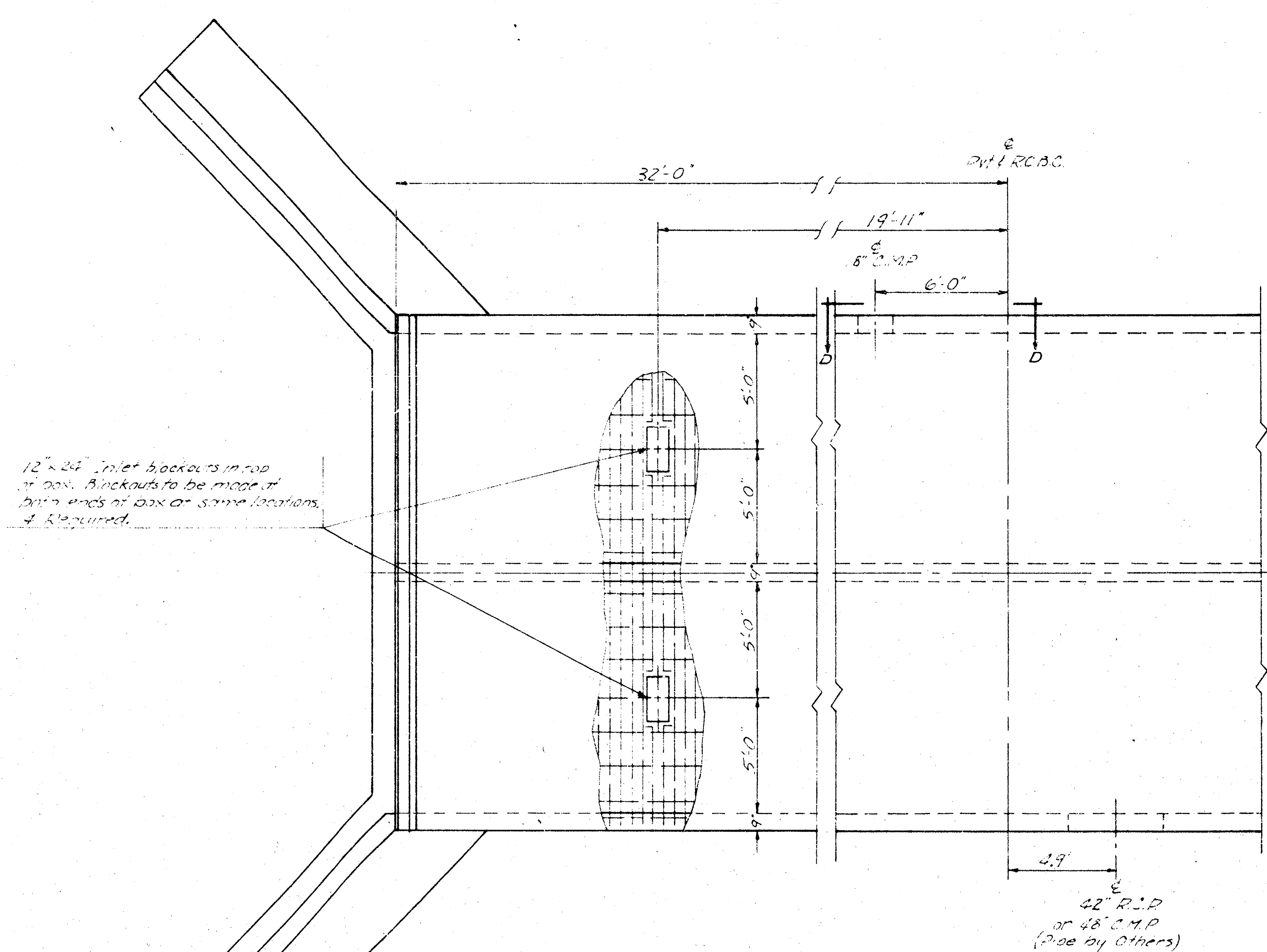


- GENERAL NOTES:
 LOADINGS: W-20-44 AASHTO SPECIFICATIONS 1961 EDITION
 UNIT STRESSES: $f'_c = 2000$ psi; $f_s = 1200$ psi; $f_s = 20000$ psi
1. CLASS A RE CONCRETE SHALL BE USED THROUGHOUT THIS PROJECT. ALL REINFORCING STEEL SHALL CONFORM TO A.S.T.M. SPECIFICATIONS.
 2. EARTHWORK ALL EARTHWORK SHALL BE CONSIDERED AS "COMMON EXCAVATION" EXCEPT FOR THE TOWHALL. TOWHALL EXCAVATION SHALL BE INCLUDED IN "LIMP SUM DIP".
 3. BACKFILL ALL BACKFILL AND EXCAVATION TO EXTEND TO (2') BEYOND SIDES OF BOX AND WING WALLS.
 4. BEVEL ALL EXPOSED EDGES OF CONCRETE WITH 1/4" TRIANGULAR MOUNDING.
 5. WEEDHOLE COARSE AGGREGATE SHALL BE DEPOSITED BEHIND EACH WEEDHOLE TO OCCUPY A SPACE EXTENDING (18") IN ALL DIRECTIONS ABOVE WEEDHOLE FLAM LINE. THIS WORK SHALL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED A PART OF THE EXCAVATION WORK.
 6. SEAL COURSE A SEAL COURSE CONSISTING OF 3" CLASS "A" CONCRETE SHALL BE CONSTRUCTED ONLY WHERE SPECIFIED ON THE PLANS OR BY THE ENGINEER. NO REINFORCING SHALL BE PLACED UNTIL THE SEAL COURSE HAS GAINED SUFFICIENT STRENGTH TO PERMIT WORKING UPON IT WITHOUT DAMAGE.
 7. FILLING OF CULVERT THE CULVERT SHALL BE BLD AS A "LIMP SUM DIP" EXCEPT FOR THE FOLLOWING LINES: CU. YDS. COMMON EXCAVATION, CU. YDS. COMPACTED FILL, CU. YDS. LOOSE FILL, CLASS "A" CONCRETE, AND 4- 2' x 5' CURB INLETS.
 8. THE QUANTITIES SHOWN IN THE "BILL OF MATERIALS" OF ITEMS WHICH ARE INCLUDED IN THE "LIMP SUM DIP" OF THE CULVERT ARE FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR MUST SATISFY HIMSELF TO THE "QUANTITIES" AND THE ENGINEER ASSUMES NO RESPONSIBILITIES FOR THEIR ACCURACY. THE CONTRACTOR WILL HAVE THE FULL RESPONSIBILITY FOR PROVIDING ALL MATERIALS ON THE DETAILED PLANS NECESSARY TO COMPLETE THE PROJECT.

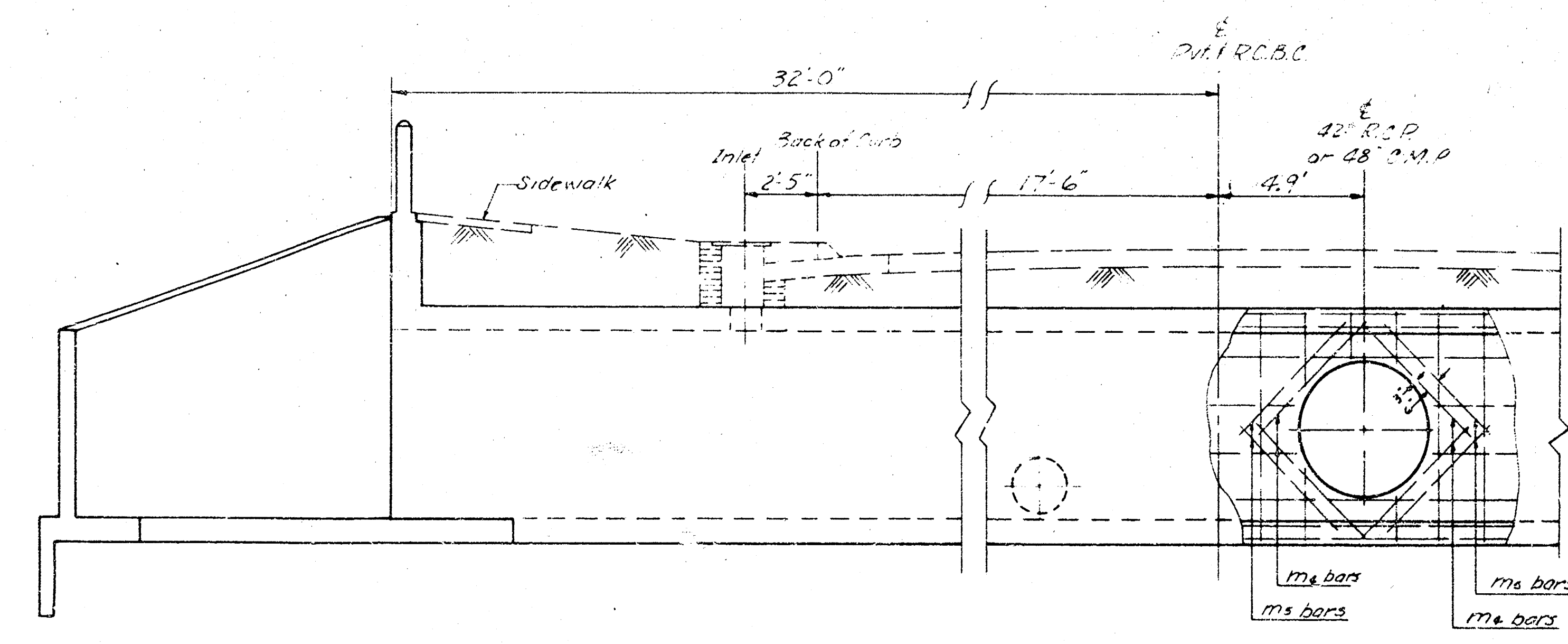
**2-10x6 REINFORCED CONCRETE
 BOX CULVERT**
 IN CONNECTION WITH PAVING OF
 BLUESTEM LANE FROM E.L. ROCK RD.
 TO E.L. CEDAR LAKES VILLAGE 2ND ADD^{ED}
 CITY OF WICHITA, KANSAS

R.W. LINN CITY ENGINEER
 DATE PROJECT NO. DAKS 573071

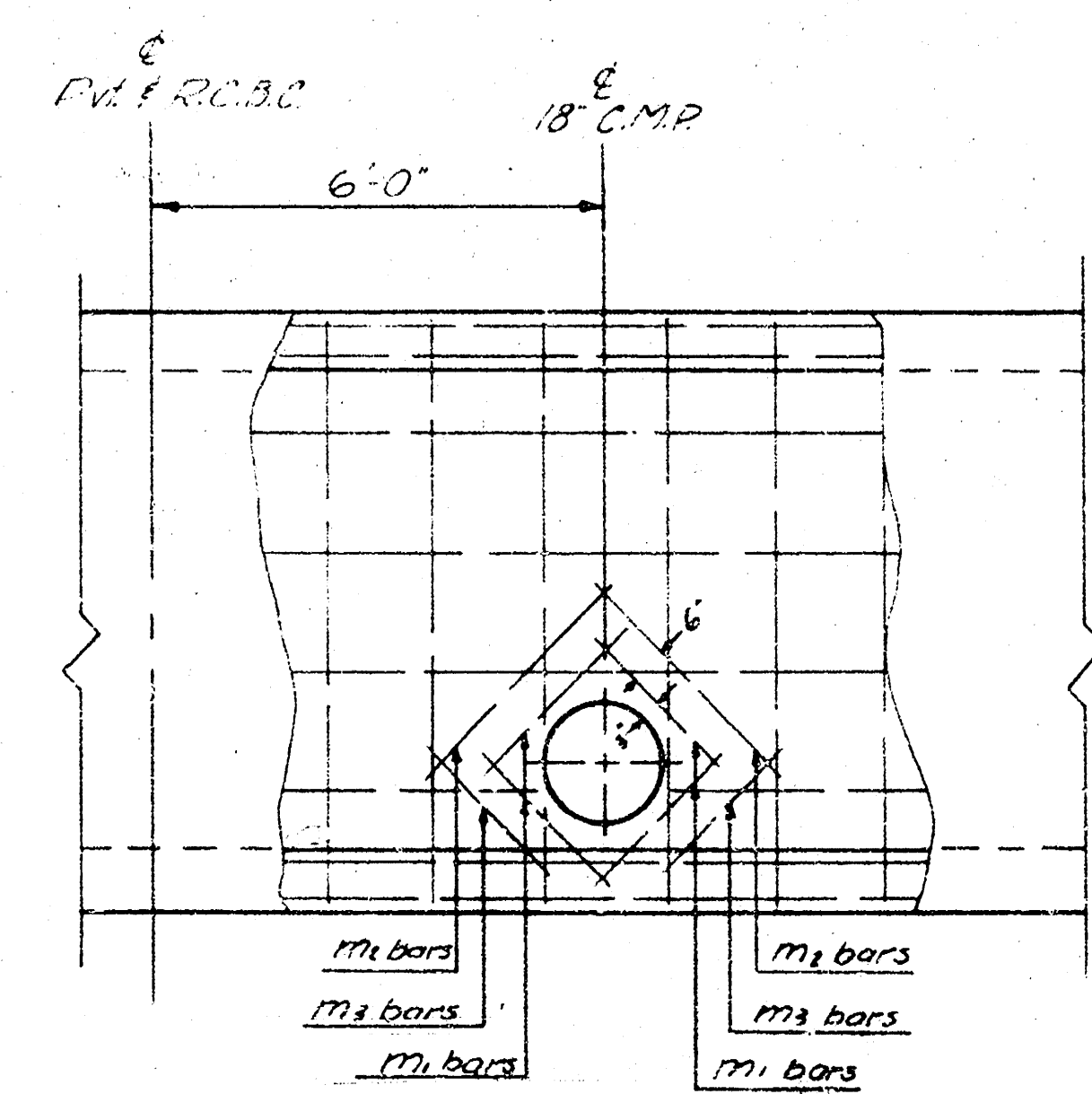
1/5



PLAN



SIDE ELEVATION



D-D

BILL OF MATERIALS		
ITEM	QUANTITY	UNIT
Class A AE Concrete	147.3	CY
Reinforcing Steel	15205	LBS
Hand Excavation	14.5	CY
Concrete Handrail	43.5	LF
Common Excavation	287.3	CY
Compacted Fill	128.6	CY
Borrow Excavation	122	CY
Class A Concrete	15.7	CY
2x5 Inlets	4	EA

Lump Sum Bid

Bid Items

2-10x6' REINFORCED CONCRETE BOX CULVERT
 IN CONNECTION WITH PAVING OF
 BLUESTEM LANE

3/5

