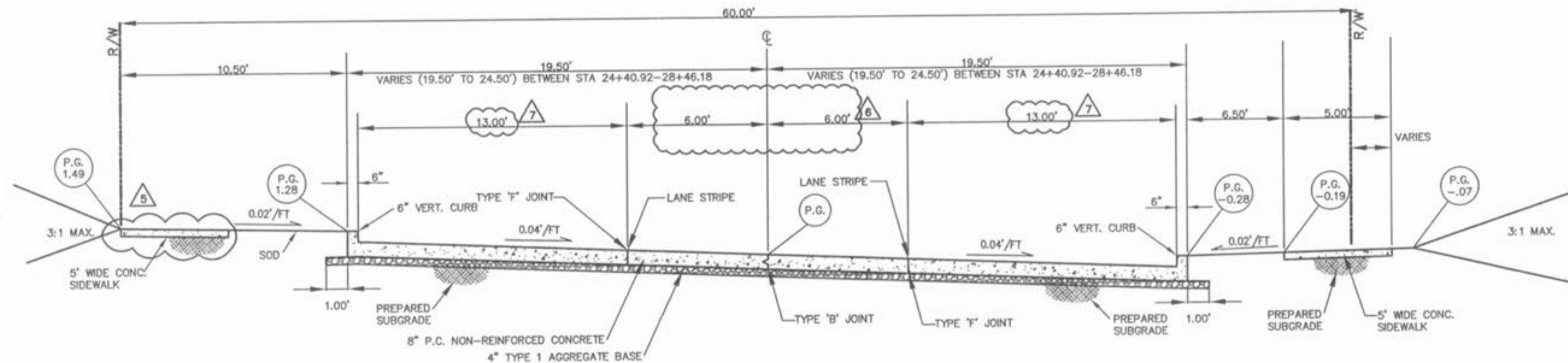


NOTE: LONGITUDINAL JOINTS SHALL FOLLOW PROPOSED PAVEMENT STRIPING.

CRUSHER ROAD  
TYPICAL FULL WIDTH CROSS SECTION  
BEGINNING STATION 1+92.52  
END STATION 4+28.58  
BEGINNING STATION 13+15.01  
END STATION 16+25.17

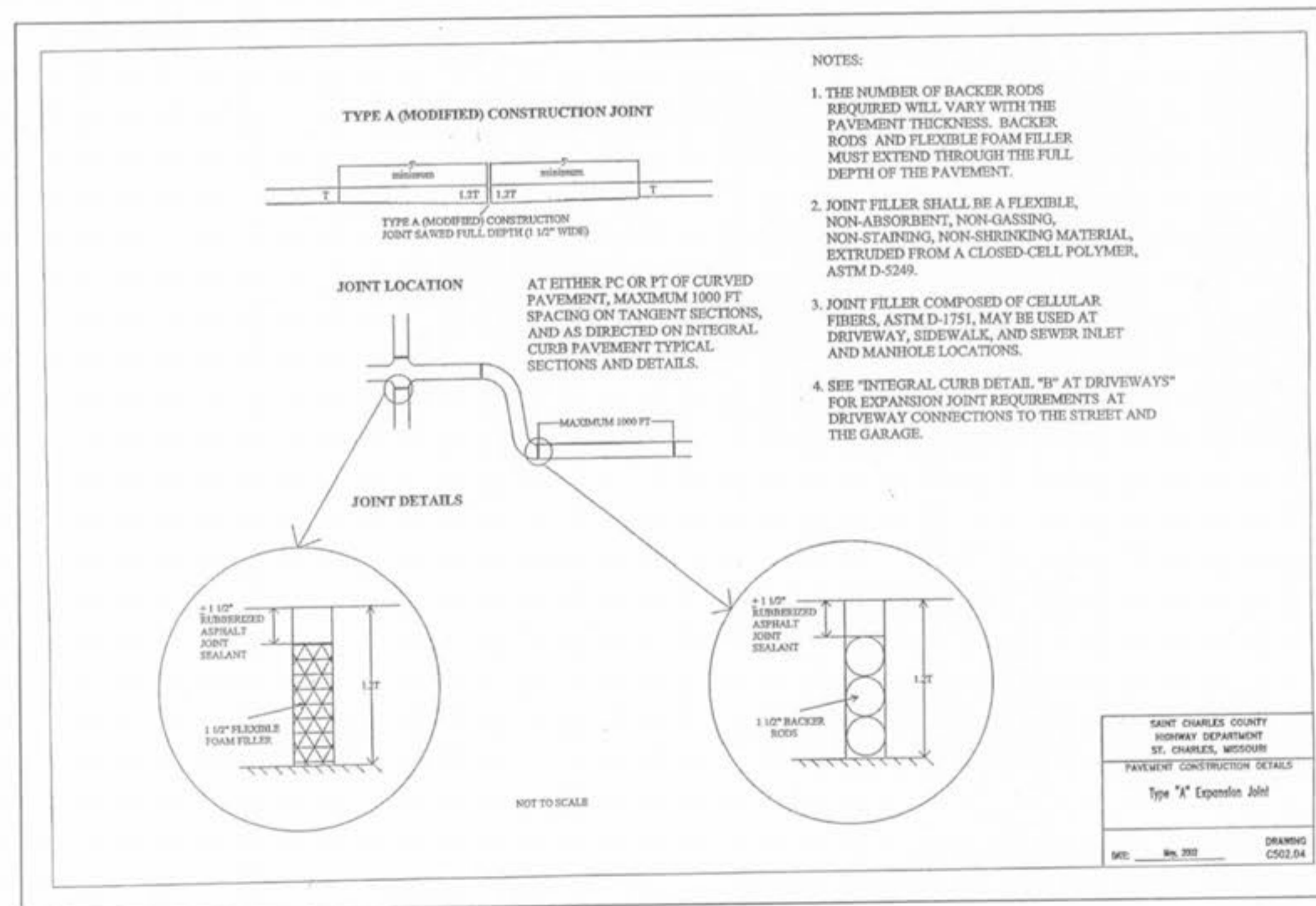


NOTE: LONGITUDINAL JOINTS SHALL FOLLOW PROPOSED PAVEMENT STRIPING.

CRUSHER ROAD  
TYPICAL SUPERELEVATED SECTION  
STA 4+28.58 TO 5+93.58 TRANSITION S.E.  
STA 5+93.58 TO 6+02.81 FULL S.E.  
STA 6+02.81 TO 10+25 TRANSITION S.E.  
STA 10+25 TO 11+50 FULL S.E.  
STA 11+50 TO 13+15.01 TRANSITION S.E.  
STA 16+25.17 TO 17+90.17 TRANSITION S.E.  
STA 17+90.17 TO 22+17.92 FULL S.E.  
STA 22+17.92 TO 25+31.38 TRANSITION S.E.  
STA 25+31.38 TO 25+57.47 FULL S.E.  
STA 25+57.47 TO 28+46.18 TRANSITION S.E.

NOTE: TYPE G TRAVERSE JOINTS REQUIRED.  
ALL JOINTS ARE TO BE SAWCUT.

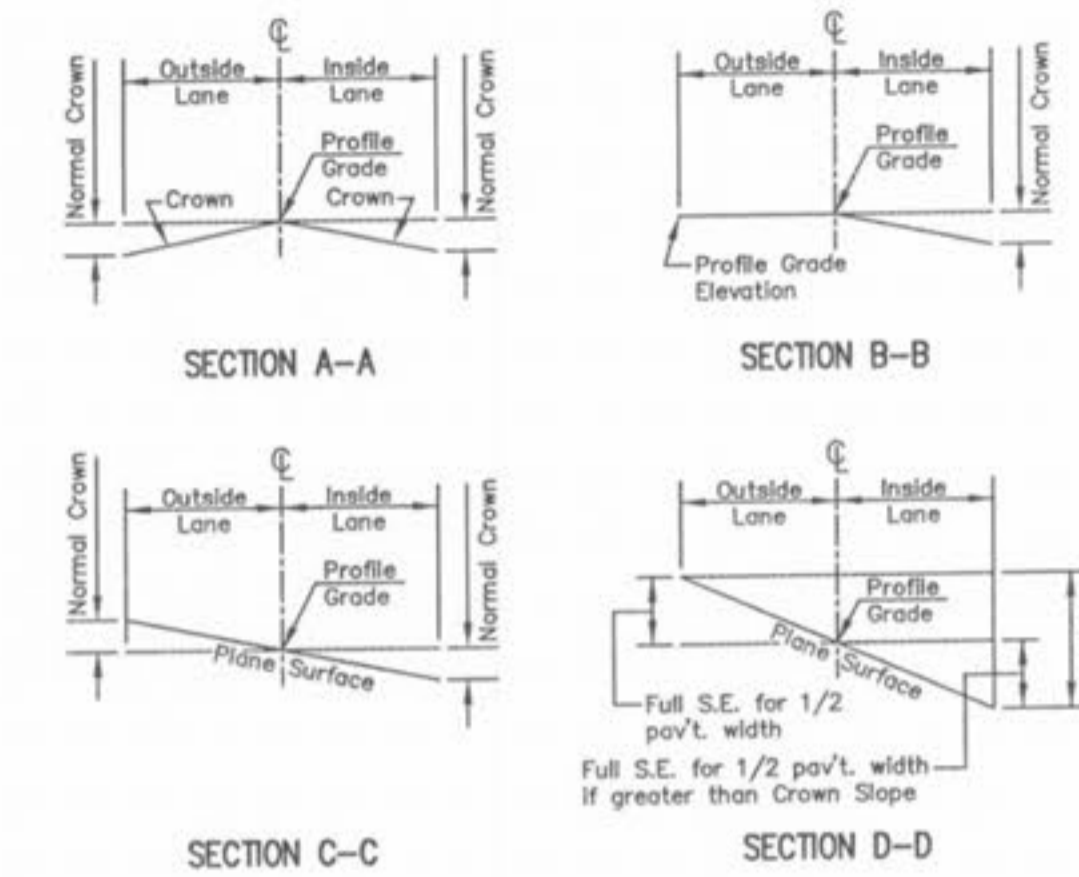
NOTE: UNDERDRAINS ARE REQUIRED AT LOW POINTS.



NOTES:

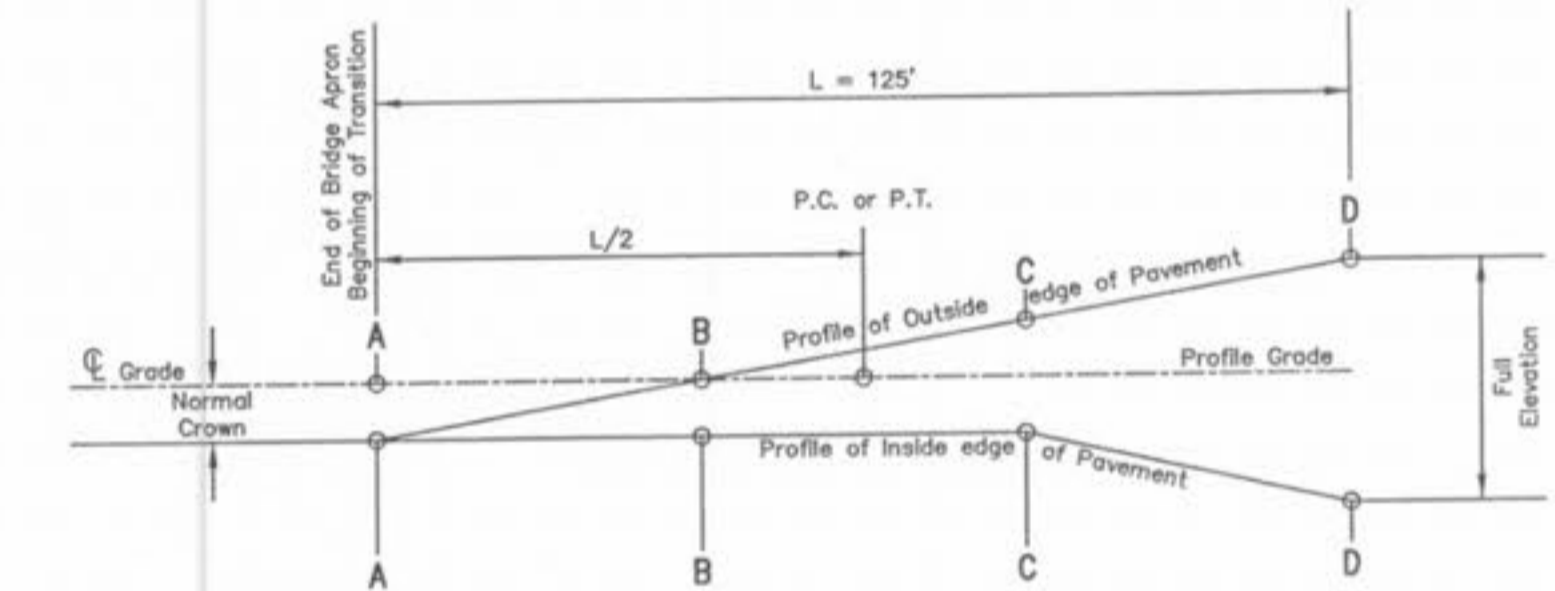
1. THE NUMBER OF BACKER RODS REQUIRED WILL VARY WITH THE PAVEMENT THICKNESS. BACKER RODS AND FLEXIBLE FOAM FILLER MUST EXTEND THROUGH THE FULL DEPTH OF THE PAVEMENT.
2. JOINT FILLER SHALL BE A FLEXIBLE, NON-ABSORBENT, NON-GASSING, NON-STAINING, NON-SHRINKING MATERIAL, EXTRUDED FROM A CLOSED-CELL POLYMER, ASTM D-5249.
3. JOINT FILLER COMPOSED OF CELLULAR FIBERS, ASTM D-1751, MAY BE USED AT DRIVEWAY, SIDEWALK, AND SEWER INLET AND MANHOLE LOCATIONS.
4. SEE "INTEGRAL CURB DETAIL 'B' AT DRIVEWAYS" FOR EXPANSION JOINT REQUIREMENTS AT DRIVEWAY CONNECTIONS TO THE STREET AND THE GARAGE.

SAINT CHARLES COUNTY  
HIGHWAY DEPARTMENT  
ST. CHARLES, MISSOURI  
PAVEMENT CONSTRUCTION DETAILS  
Type 'A' Expansion Joint  
MFD: 04/03 DRAWING: C502.04



SUPERELEVATION DATA			
DESIGN SPEED	V=35 M.P.H.		
DEGREE OF CURVE	RADIUS (ft)	S.E. 3-LANES L (ft)	
15°	375	0.040	125

LEGEND  
V = Assumed design speed  
S.E. = Rate of super-elevation  
L = Length of S.E. Transition  
NC = Normal Crown (0.02ft./ft.)



SUPERELEVATION  
(STRAIGHT LINE METHOD)

- 7 PER CITY OF O'FALLON COMMENTS 01/04/06
- 8 PER CITY OF O'FALLON COMMENTS 11/22/05
- 9 PER CITY OF O'FALLON COMMENTS 09/28/05
- 3 PER CITY OF O'FALLON COMMENTS 06/06/03
- 2 PER CITY OF O'FALLON COMMENTS 03/12/03
- 1 PER CITY OF O'FALLON COMMENTS 06/27/02



J:\06\SEPC\05\02\05\SEC\1.dwg, PLOT: 11/9/2006 4:50:50 PM, JRG

PREPARED FOR:  
HENNESSEY DEVELOPMENT  
9904 CLAYTON RD.  
SUITE 122  
ST. LOUIS, MO. 63124  
PH. (314) 991-1248  
FAX (314) 991-0964

CITY OF O'FALLON FILE NO.  
31.01.01

<b>CRUSHER ROAD</b>			
<b>TYPICAL CROSS SECTION</b>			
<b>J. R. GRIMES</b>		12300 OLD TESSON ROAD SUITE 3000 ST. LOUIS, MO. 63128 PH. (314) 849-6100 FAX (314) 849-6100	
CONSTRUCTING ENGINEERS, INC.	DRAWN BY: JLW	DATE: 11/07/01	CHECKED BY: JRG
		DATE: 11/07/01	JOB NUMBER: 675E
			SHEET: C2