



SHOWING REINFORCEMENT

A2 BARS

GENERAL NOTES:

ELEVATION OF WING

NOTE: CONSTRUCTION JOINT KEY OMITTED FOR CLARITY.

J1 BARS MAY BE BENT IN FIELD OR SHOP.

2-#5-E BARS 12" #5-G BARS @ 11 1/2"

J5 BARS AT FILL FACE

3'-0" (BEND IN FIELD)

J3 BARS AT FILL FACE

KEYED CONST

#5-B2 BARS (STREAM FACE)

ALL DIMENSIONS SHOWN ARE IN INCH UNLESS OTHERWISE NOTED.

MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE $1\!-\!1/2$ " UNLESS OTHERWISE SHOWN.

JOINT FILLER SHALL BE SECURELY STITCHED TO ONE FACE OF THE CONCRETE WITH NO. 10 GAGE COPPER WIRE OR NO. 12 GAGE SOFT DRAWN GALVANIZED STEEL WIRE.

A FILTER CLOTH 3 FEET IN WIDTH AND DOUBLE THICKNESS SHALL BE APPLIED TO ALL TRANSVERSE JOINTS IN THE TOP SLAB AND SIDEWALLS. THE MATERIAL SHALL BE CENTERED ON THE JOINT AND THE EDGES SEALED WITH A MASTIC OR WITH TWO SIDED TAPE. THE FILTER CLOTH SHALL BE A GEOTEXTILE MEETING THE APPROVAL OF THE ENGINEER AND HAVING A GRAB TENSILE STRENGTH OF 180 LBS. (ASTM D-4632) AND AN APPARENT OPENING SIZE OF 50 TO 100 (ASTM D-4751). NO DIRECT PAYMENT WILL BE MADE FOR FURNISHING AND INSTALLING FILTER CLOTH.

LAP ALL LONGITUDINAL BARS A MINIMUM OF 23" AT SPLICES.

J4 BARS AT FILL FACE

VARIES (12" MAX.) F BARS

DIG - DRILL - BLAST

ENGINEERS

ARCHITECTS

SURVEYORS

SCIENTISTS

GROUP

www.f-w.com

Date: Description:

ISSUE:

Farnsworth

20 ALLEN AVENUE, SUITE 200

(314) 962-7900 / (314) 962-1253 Fax

2/13/04 City of O'Fallon Comments 2 2/13/04 Duckett Creek Sanitary

3 2/13/04 Cottleville Fire Protection District Comments

4 2/13/04 MoDot Comments

District Comments

5 2/13/04 Corps of Engineers Comments

ST LOUIS, MISSOURI 63119

(TOLL FREE) MISSOURI ONE CALL SYSTEM, INC.

CALL BEFORE YOU

1-800-344-7483

MoDOT (314) 340-4100

PERSIMMON POINTE

HOTEL DEVELOPMENT

BURKE NUMBER E-13347

#4130 HIGHWAY 40-61

O'FALLON, MO

Date:	12-30-03
Design/Drawn:	DB
Approved:	JTB
Book No.:	-

SHEET TITLE:

CULVERT DETAIL

SHEET NUMBER:

SHEET

Project No.:

Planning & Zoning File: #3103.03