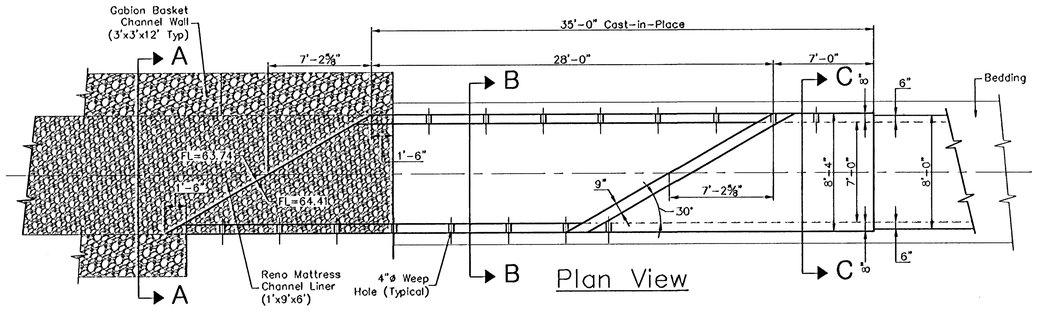
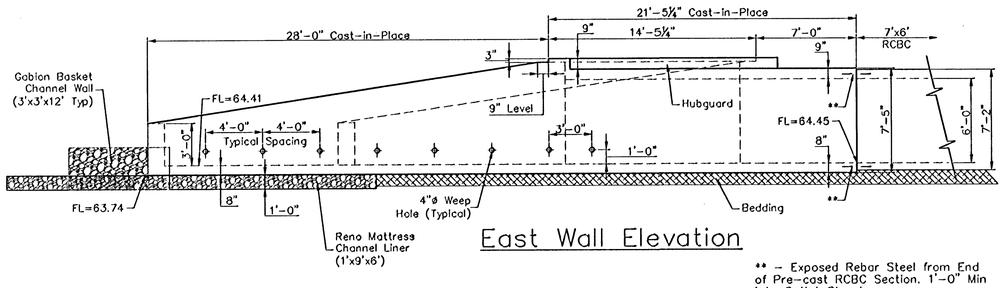
| FHWA REGION NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| 7 | KANSAS | 87 N-0303-01 | 2003 | 46 | 143 |

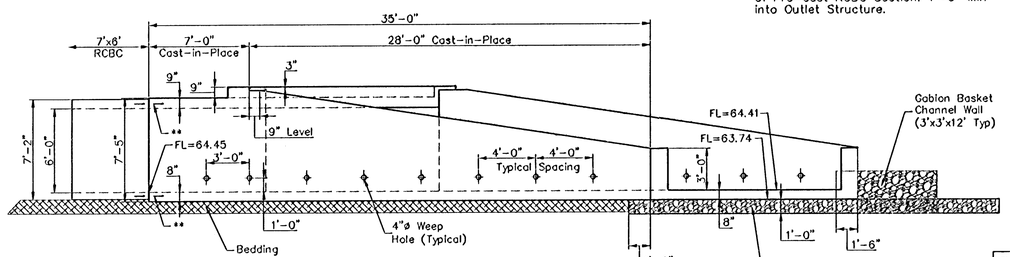



Plan View

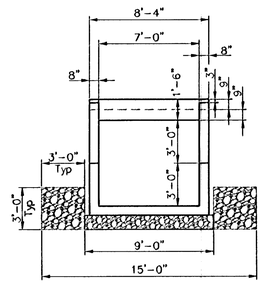



East Wall Elevation

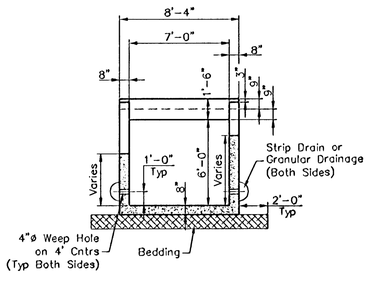
** – Exposed Rebar Steel from End of Pre-cast RCBC Section. 1'-0" Min into Outlet Structure.



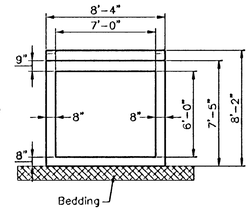

West Wall Elevation




Section A–A

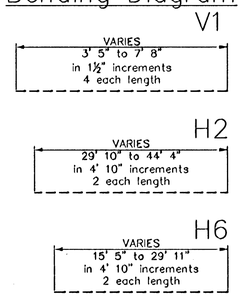


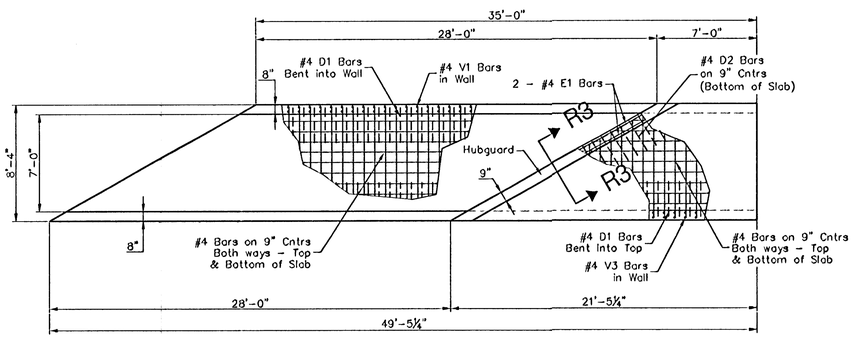

Section B–B




Section C–C

## Bending Diagram

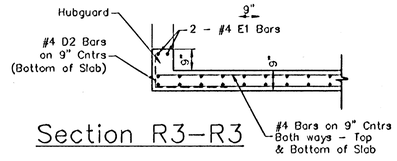


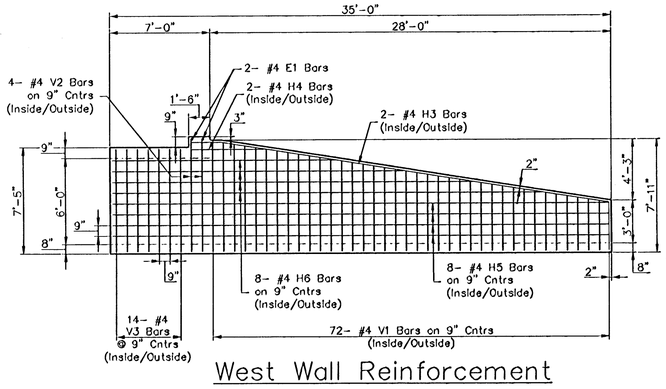

Plan Reinforcement

| Bar No. | D1 | D2 | E1 | H1 | H2 | H3 | H4 | H5 | H6 | V1 | V2 | V3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Quant | 255 | 23 | 2 | 8 | 8 | 4 | 4 | 8 | 8 | 144 | 8 | 66 |
| Length | 5'0" | 3'8" | 16'5" | 49'2" | *** | 29'6" | 4'0" | 34'9" | *** | *** | 7'11" | 7'2" |

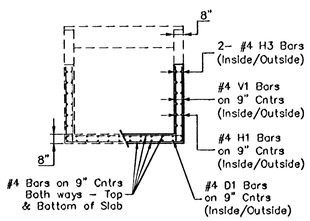
*** – See Bending Diagram



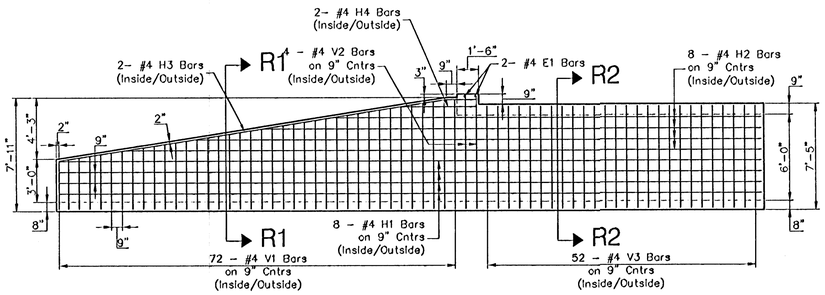

Section R3–R3



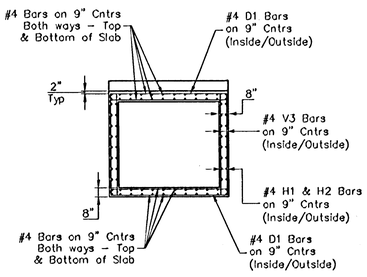

West Wall Reinforcement




Section R1–R1




East Wall Reinforcement




Section R2–R2

| PROJECT NUMBER | SHEET NAME | ENGINEERING DIRECTORY |
|---|---|---|
| 472-83902 | OUTFALL | F:\ENG\HYD2\SWS |

| DESIGN | DRAWN | APPROVED | DATE | SCALE | BAUGHMAN NO |
|---|---|---|---|---|---|
| | STAFF | | March 04 | NONE | 99-09-E451 |

CAPITAL IMPROVEMENT PROJECT
**HYDRAULIC PH2 STORM WATER SEWER OUTFALL STRUCTURE**


BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211


SHEET 46 OF 143