

BP CHEMICALS, INC.
MIXED WASTE POND CLOSURE PROJECT

FIELD CHANGE REQUEST FORM

Field Change Number: 022 Date: 10/29/96

Subject: Anchor Trench wall edge repair

Description: provide a repair method using flowable fill concrete to restore
damaged edges of Anchor Trench sidewall.

Justification: 3' minimum runout length required with smooth edge to facilitate
proper installation of Geosynthetic Liner materials in Anchor Trench.

Attachments: Dames & Moore sketch dated 10/29/96; concrete specification

Requested by: Michael D. Mahar Sevenson 10/29/96
Signature Company Date

BPCI Project Approvals

Dames & Moore Robert R. Blichewell NOT YES No 10/29/96
Certifying Engineer Signature Approval Date

BPCI Radiation NOT APPLICABLE Yes No ---
Safety Officer Signature Approval Date

BPCI HSE NOT APPLICABLE Yes No ---
Manager Signature Approval Date

BPCI Project Will Mahar YES No 11-1-96
Manager Signature Approval Date

Regulatory Agency Concurrence

Ohio EPA --- Yes No
Concurrence Signature Concur Date

NRC --- Yes No
Concurrence Signature Concur Date



Job No.

Job

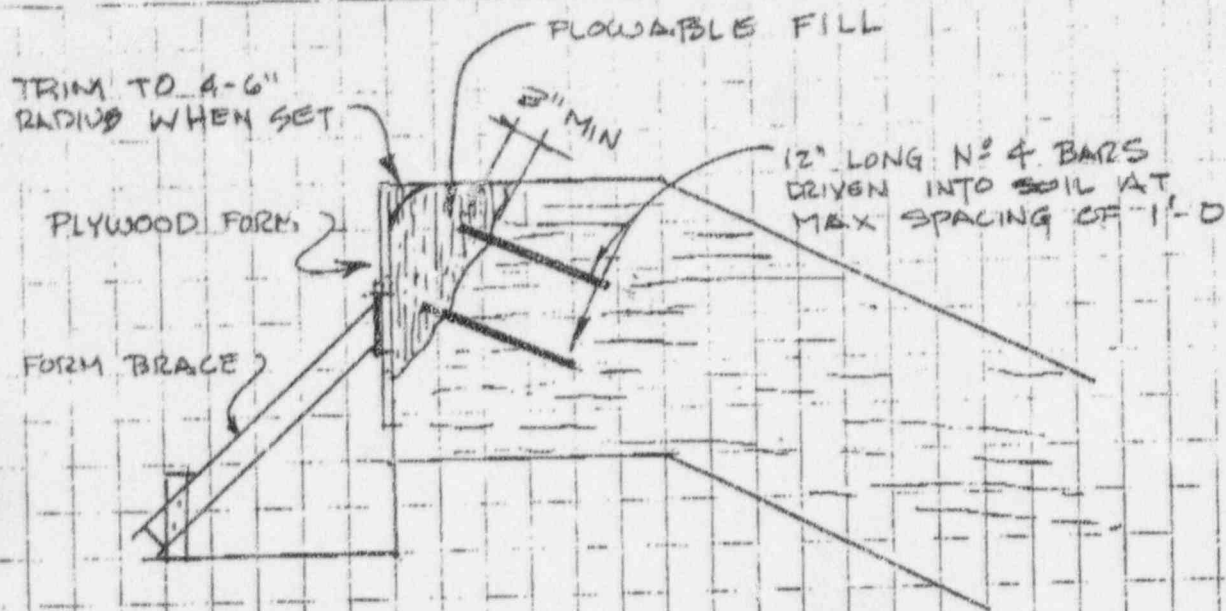
Client BILL LIMASubject ANCHOR TRACK REPAIR

Calc. No.

Rev. No.

By RFB Date 10/29/96

Chk'd. Date



MIN. COMPRESSIVE STRENGTH = 50 PSI
FOR FLOWABLE FILL



ERNST ENTERPRISES, INC.

Mix Specifications

PROJECT:

CONTRACTOR:

CONCRETE SUPPLIER: ERNST CONCRETE

MIX: LSM-100 LOW STRENGTH PORTAR

LSM100A

DATE:

Slump range: 8.00 To 10.00

Unit Weight: 125.30

Fineness Modulus: 2.70

Percent fine aggregate: 100.00%

Weight

Weight per cubic yard: 3383.00

Water/Cement: 3.750

Water/(C+P): 1.871

Volume

Total volume: 27.00

Water/Cement: 42.302 (gls/sk)

Water/(C+P): 12.086 (gls/sk)

Material	Quantity	Weight	Specific Gravity	Absorption	Volume
Cement PORTLAND CEMENT ASTM C-150 TYPE I	0.000	100.0	3.150	0.00	0.509
Fine Aggregate SAND ASTM C-33	0.000	2658.0	2.650	1.40	16.020
Water POTABLE WELL OR CITY WATER	45.000	375.0	1.000	0.00	6.010
Entrained Air ASTM C-494	0.100	0.0	0.000	0.00	2.700
Flyash CLASS F ASTM C-615	0.000	250.0	2.270	0.00	1.765

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TOTAL P.02