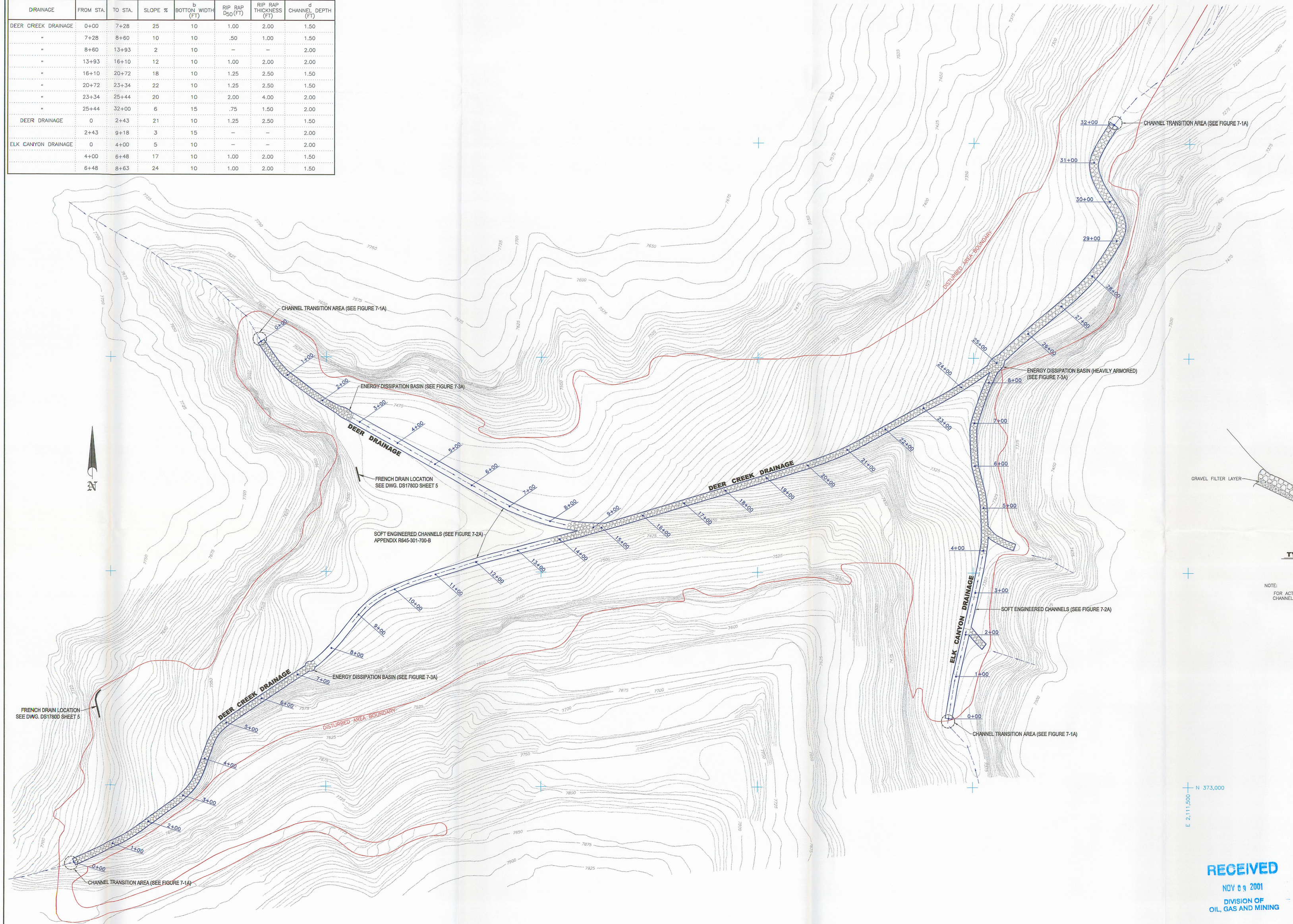
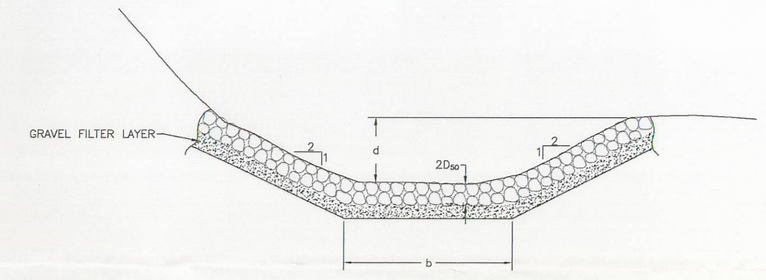
| CHANNEL DESIGN TABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| DRAINAGE | FROM STA. | TO STA. | SLOPE % | b BOTTON WIDTH (FT) | RIP RAP $D_{50}$ (FT) | RIP RAP THICKNESS (FT) | d CHANNEL DEPTH (FT) |
| DEER CREEK DRAINAGE | 0+00 | 7+28 | 25 | 10 | 1.00 | 2.00 | 1.50 |
| " | 7+28 | 8+60 | 10 | 10 | .50 | 1.00 | 1.50 |
| " | 8+60 | 13+93 | 2 | 10 | – | – | 2.00 |
| " | 13+93 | 16+10 | 12 | 10 | 1.00 | 2.00 | 2.00 |
| " | 16+10 | 20+72 | 18 | 10 | 1.25 | 2.50 | 1.50 |
| " | 20+72 | 23+34 | 22 | 10 | 1.25 | 2.50 | 1.50 |
| " | 23+34 | 25+44 | 20 | 10 | 2.00 | 4.00 | 2.00 |
| " | 25+44 | 32+00 | 6 | 15 | .75 | 1.50 | 2.00 |
| DEER DRAINAGE | 0 | 2+43 | 21 | 10 | 1.25 | 2.50 | 1.50 |
| | 2+43 | 9+18 | 3 | 15 | – | – | 2.00 |
| ELK CANYON DRAINAGE | 0 | 4+00 | 5 | 10 | – | – | 2.00 |
| | 4+00 | 6+48 | 17 | 10 | 1.00 | 2.00 | 1.50 |
| | 6+48 | 8+63 | 24 | 10 | 1.00 | 2.00 | 1.50 |




**TYPICAL DRAINAGE CROSS SECTION**
NOT TO SCALE

NOTE:
FOR ACTUAL CHANNEL CHARACTERISTICS SEE TABULAR VALUES IN CHANNEL DESIGN TABLE

LICENSED PROFESSIONAL ENGINEER JOHN CHRISTENSEN No. 165651 STATE OF UTAH

N 373,000
E 2,111,500

I, JOHN CHRISTENSEN BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS DRAWING IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John Christensen 3/14/01
JOHN CHRISTENSEN NO. 165651 DATE

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ENERGY WEST MINING COMPANY
HUNTINGTON, UTAH 84528

DEER CREEK MINE
DEER CREEK/ELK/DEER CANYONS
FINAL RECLAMATION HYDROLOGY MAP

| | | |
|---|---|---|
| DRAWN BY: K. LARSEN | | DS1780D |
| SCALE: 1" = 100' | | DRAWING #: |
| DATE: FEBRUARY 8, 2001 | SHEET 1 OF 5 | REV. |