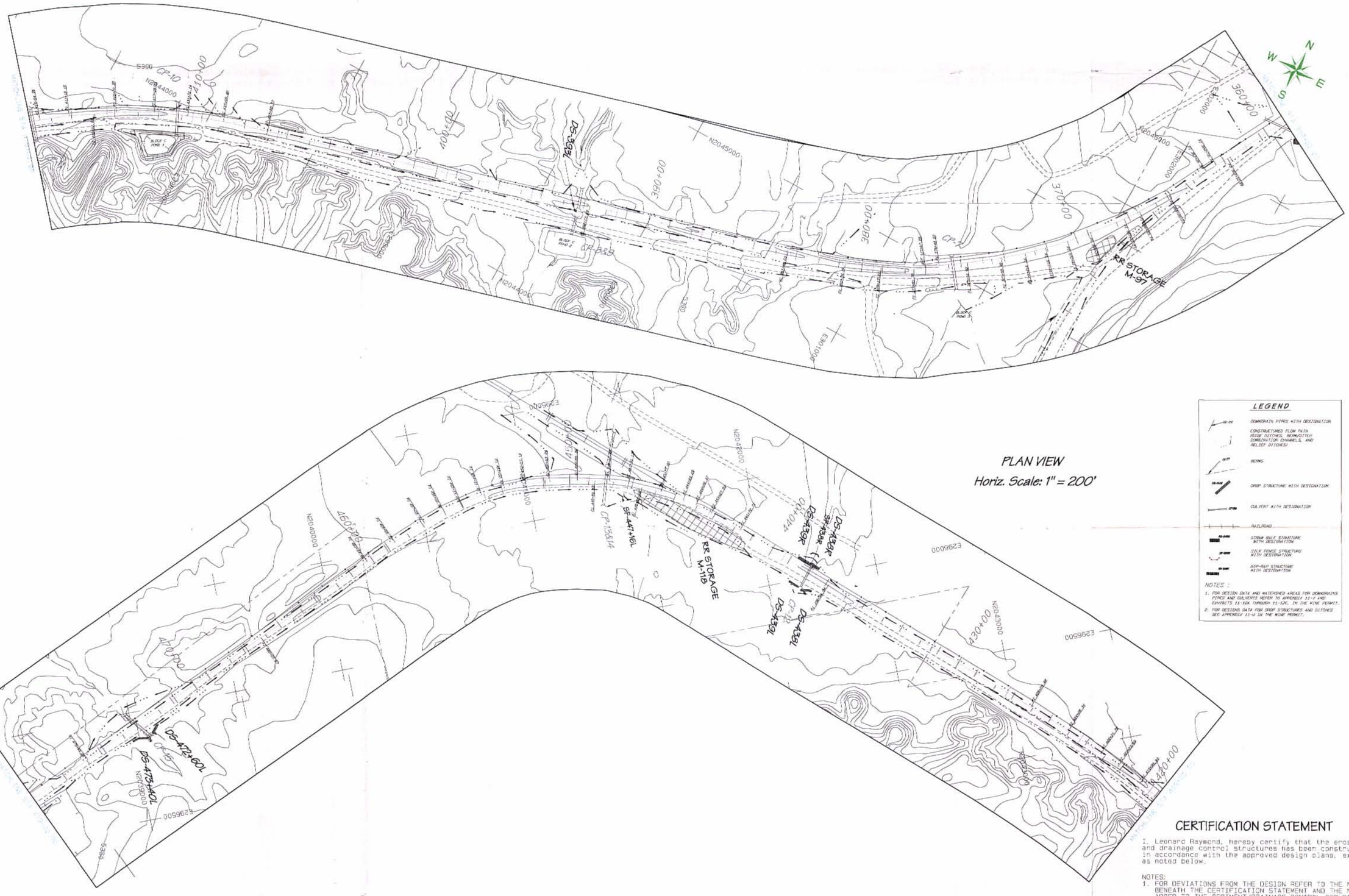

PLAN VIEW

Horiz. Scale: 1" = 200'

LEGEND

- DOWNDRAIN PIPES WITH DESIGNATION
- CONSTRUCTURED FLOW PATH (EDGE DITCHES, BENCH/DITCH COMBINATION CHANNELS, AND RELIEF DITCHES)
- BERMS
- DROP STRUCTURE WITH DESIGNATION
- CULVERT WITH DESIGNATION
- RAILROAD
- STRAW BALE STRUCTURE WITH DESIGNATION
- SILT FENCE STRUCTURE WITH DESIGNATION
- RIP-RAP STRUCTURE WITH DESIGNATION

NOTES :

1. FOR DESIGN DATA AND WATERSHED AREAS FOR DOWNDRAINS PIPES AND CULVERTS REFER TO APPENDIX 11-I AND EXHIBITS 11-12A THROUGH 11-12C, IN THE MINE PERMIT.
2. FOR DESIGNS DATA FOR DROP STRUCTURES AND DITCHES SEE APPENDIX 11-U IN THE MINE PERMIT.

CERTIFICATION STATEMENT

I, Leonard Raymond, hereby certify that the erosion and drainage control structures has been constructed in accordance with the approved design plans, except as noted below.

NOTES:

1. FOR DEVIATIONS FROM THE DESIGN REFER TO THE NOTES BENEATH THE CERTIFICATION STATEMENT AND THE NOTES ADDED TO THE SEDIMENT/DRAINAGE CONTROL STRUCTURE SCHEDULE ON EXHIBIT 11-14T.

LEONARD RAYMOND NEW MEXICO 6600 REGISTERED PROFESSIONAL ENGINEER

1-6-06

PERMIT COPY
NM-0003-F

REVISION	DATE
1. AS-BUILT	1-31-02
2. Added silt fences and updated table	12-27-05
3.	
4.	
5.	

PROJECT MANAGER: COREY NELSON
ENGR. of RECORD: L. RAYMOND
REG. NO: 6600
DRWN BY RECORD: REG. NO:

BHP-NAVAJO COAL CO.

PO BOX 105, FRUITLAND, NEW MEXICO, 87416

ACCOUNT:
DATE: JAN. 01, 2001
DESIGNED BY: TRIFLETE
DRAWN BY: CHARLES SAYWOOD
APPROVED BY: LEONARD RAYMOND

PLAN VIEW

EXHIBIT 11-14N
NAVAJO MINE RAILROAD
EDGEBARK AND DRAINAGE CONTROL STRUCTURES
AS-BUILT

DRAWING P-4

SHEET 4 OF 7

F:\Projects\Navajo\DWG\NER_PROJ\NAJ_EXHIBITS\11-014 RR SEDMT CNTRL AS-BUILT\P-05-08.dwg Plot time: