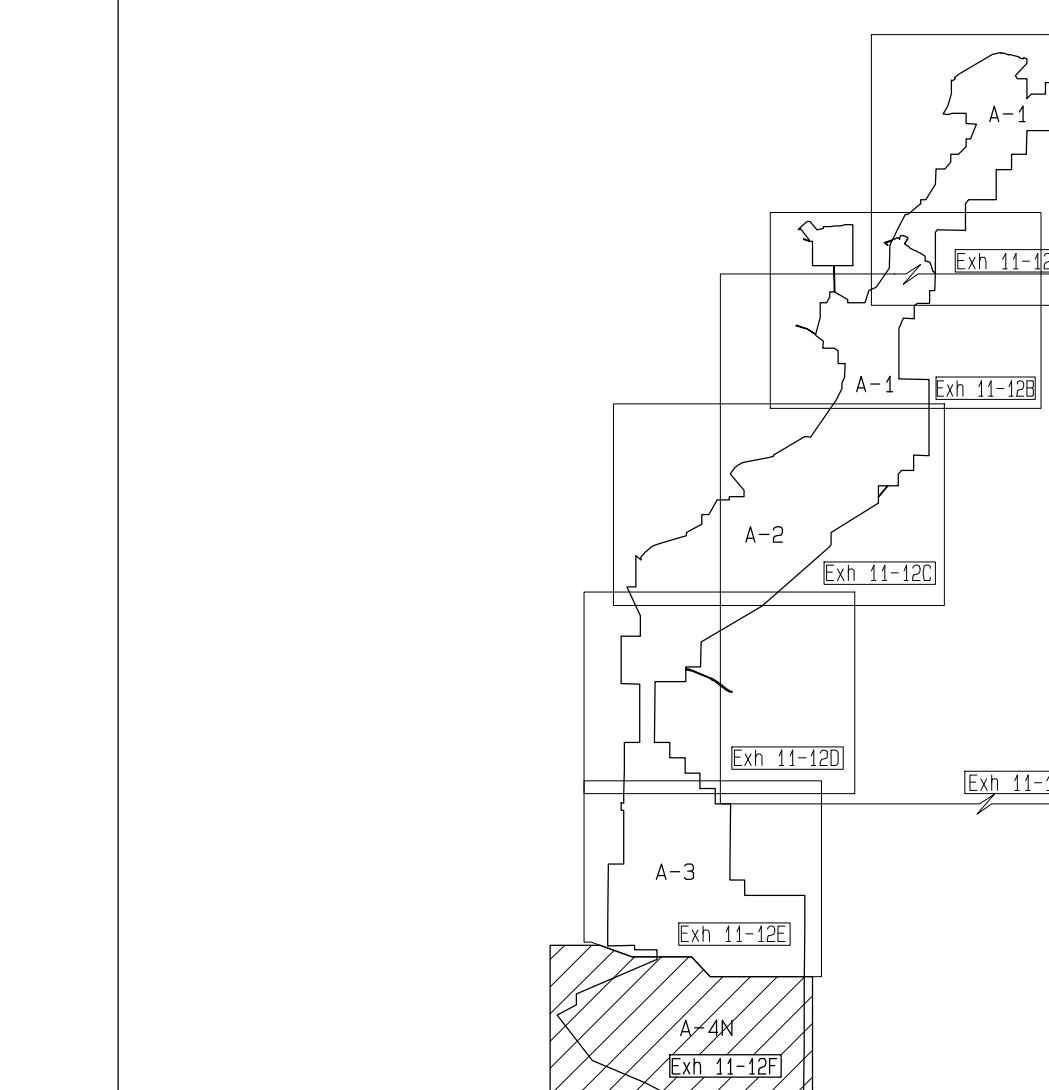
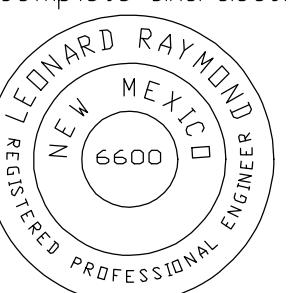


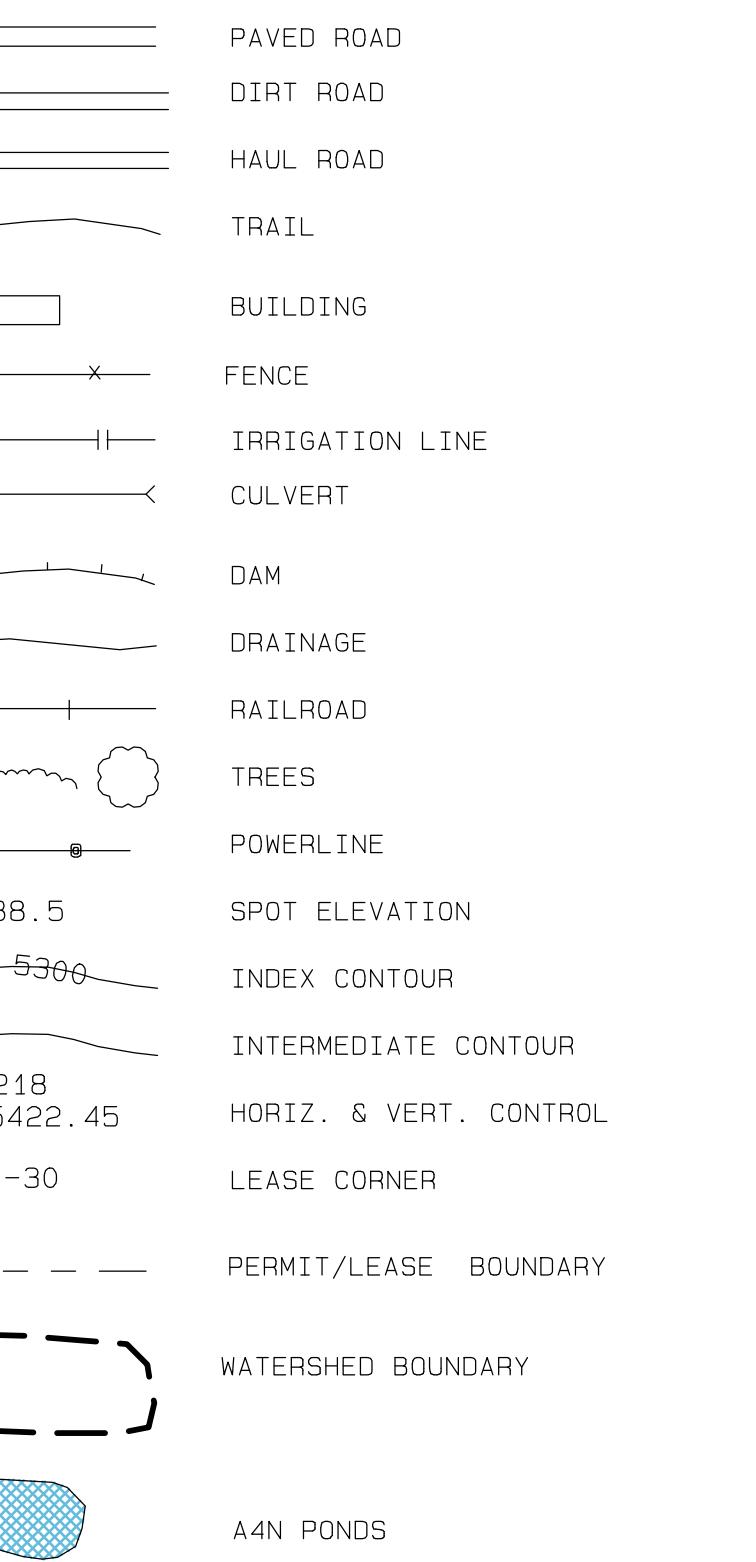
NOTE:  
1. ONLY ROADS ON THE PERMANENT PROGRAM LANDS  
WERE CLASSIFIED. SEE EXHIBIT 1-4-10F7 THRU  
1-4-10F7 FOR LANDS STATUS.

	PAVED ROAD	x 5338.5	SPOT ELEVATION
	DIRT ROAD	5300	INDEX CONTOUR
	HAUL ROAD		INTERMEDIATE CONTOUR
	TRAIL	218 5422.45	HORIZ. & VERT. CONT.
	BUILDING	L-30	LEASE CORNER
	FENCE		PERMIT/LEASE BOUND
	IRRIGATION LINE		PRIMARY ROADS
	CULVERT		ANCILLARY ROADS
	DAM		PUBLIC ACCESS ROADS
	DRAINAGE		
	RAILROAD		DOWN DRAIN STRUCTURE
	TREES		CULVERT LOCATION

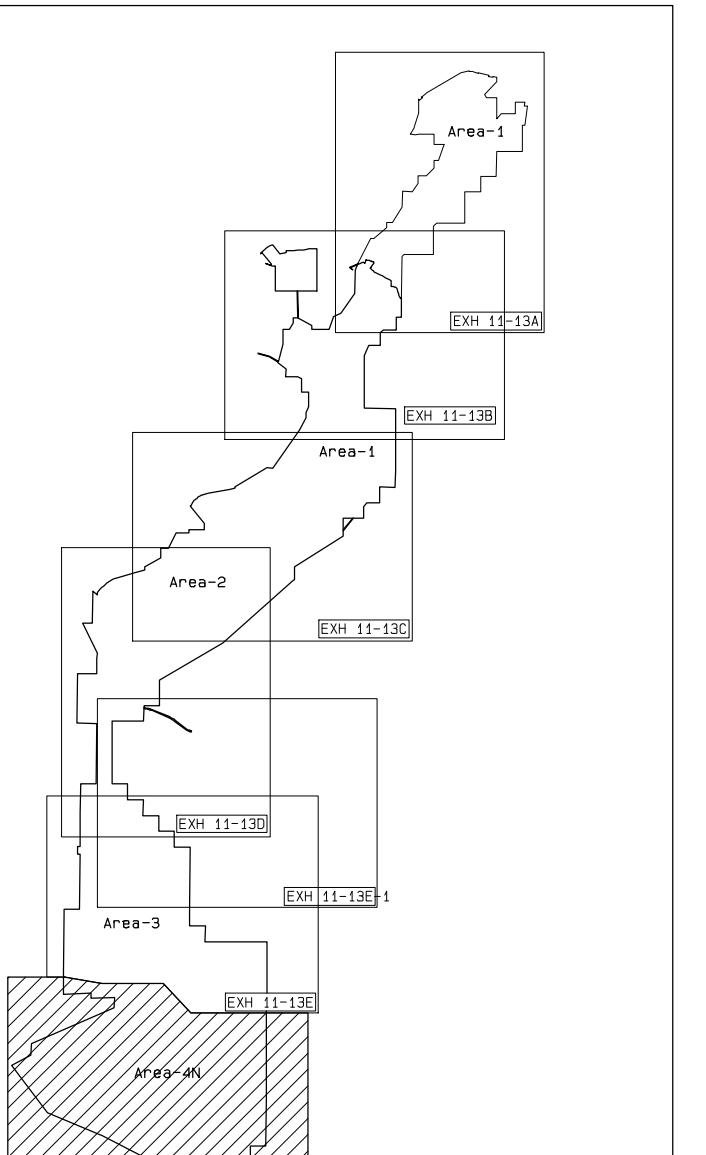


								11-A	FEB-2011	PJF	AREA 4 NORTH REVISION RESUBMITTAL TO DSM FOR REVIEW AND APPROVAL.	RCV	SD	RCV		
								D	8-27-03	RY	ADDED SOUTH TIP OF CP-179	LR	MC	LR		
								C	7-12-02	PJF	ADDED SOUTH TIP OF CP-156	LR	MC	LR		
								B	5-27-98	PJF	MID TERM SUBMITTAL TO DSM FOR REVIEW AND APPROVAL	BH	PNS	LR		
								A	11-05-95	PJF	SUBMITTED TO DSM FOR APPROVAL					
11-B	Aug-2011	PJF	Updated Area 4 North road label and submitted to DSM for Review and Approval.	LR	SD	LR		REV. No.	DATE	DRAFT. BY	REVISION DESCRIPTION	ENG.	E.Q.	P.E.	P.S.	CHIEF ENG.
REV. NO.	DATE	DRAFT. BY	REVISION DESCRIPTION	ENG.	E.Q.	P.E.	P.S.	CHIEF ENG.								APPROVALS
<p style="text-align: center;">500            0            500            1000</p>  <p style="text-align: center;">CONTOUR INTERVAL: 10'</p>								<b>EXHIBIT 11-12F</b>								
<p style="text-align: center;">Revised by Aero-Graphics, Inc. 2930 South West Temple Salt Lake City, Utah 84115</p>								 <b>BHP Navajo Coal Company</b> P.O. Box 1717 Fruitland, New Mexico, 87416 Phone: 505-598-4200 Fax: 505-568-3361								
<p style="text-align: center;"><u>CERTIFICATION STATEMENT</u></p> <p>I, Leonard Raymond, hereby certify that this drawing was reviewed by me and that the information shown is complete and accurate to the best of my knowledge.</p>								<h1>AREA 4N</h1> <h2>CULVERT/DOWN DRAINAGE</h2> <h2>STRUCTURE LOCATIONS</h2> <h2>AND WATERSHED AREAS</h2>								
								PREPARED BY BS/PJF		DRAWN BY PJF		SCALE 1" = 500'				
								APPROVED BY		DATE Nov. 5, 1995						
								MAP LOCATION: (See Lower Left Corner)								

LEGEND




NOTES:  
1. FOR HYDROLOGY INFORMATION REFER TO APPENDIX 11-AA  
IN THE APPROVED PAP.



500 0 500 1000  
CONTOUR INTERVAL: 10'  
DATE OF PHOTOGRAPHY: MAY, 2010

Revised by  
Aero - Graphics, Inc.  
40 West Oakland Avenue  
Salt Lake City, Utah 84115

11-11-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-339-340-341-342-343-344-345-346-347-348-349-349-350-351-352-353-354-355-356-357-358-359-359-360-361-362-363-364-365-366-367-368-369-369-370-371-372-373-374-375-376-377-378-379-379-380-381-382-383-384-385-386-387-388-389-389-390-391-392-393-394-395-396-397-398-399-399-400-401-402-403-404-405-406-407-408-409-409-410-411-412-413-414-415-416-417-417-418-419-419-420-421-422-423-424-425-426-427-428-429-429-430-431-432-433-434-435-436-437-438-439-439-440-441-442-443-444-445-446-447-448-449-449-450-451-452-453-454-455-456-457-458-459-459-460-461-462-463-464-465-466-467-468-469-469-470-471-472-473-474-475-476-477-478-479-479-480-481-482-483-484-485-486-487-488-489-489-490-491-492-493-494-495-496-497-497-498-499-499-500-500-501-502-503-504-505-506-507-508-509-509-510-511-512-513-514-515-516-517-518-519-519-520-521-522-523-524-525-526-527-528-529-529-530-531-532-533-534-535-536-537-538-539-539-540-541-542-543-544-545-546-547-548-549-549-550-551-552-553-554-555-556-557-558-559-559-560-561-562-563-564-565-566-567-568-569-569-570-571-572-573-574-575-576-577-578-579-579-580-581-582-583-584-585-586-587-588-589-589-590-591-592-593-594-595-596-596-597-598-599-599-600-601-602-603-604-605-606-607-608-609-609-610-611-612-613-614-615-616-617-618-619-619-620-621-622-623-624-625-626-627-628-629-629-630-631-632-633-634-635-636-637-638-639-639-640-641-642-643-644-645-646-647-648-649-649-650-651-652-653-654-655-656-657-658-659-659-660-661-662-663-664-665-666-667-668-669-669-670-671-672-673-674-675-676-677-678-679-679-680-681-682-683-684-685-686-687-688-689-689-690-691-692-693-694-695-696-696-697-698-699-699-700-701-702-703-704-705-706-707-708-709-709-710-711-712-713-714-715-716-717-718-719-719-720-721-722-723-724-725-726-727-728-729-729-730-731-732-733-734-735-736-737-738-739-739-740-741-742-743-744-745-746-747-748-749-749-750-751-752-753-754-755-756-757-758-759-759-760-761-762-763-764-765-766-767-768-769-769-770-771-772-773-774-775-776-777-778-779-779-780-781-782-783-784-785-786-787-788-789-789-790-791-792-793-794-795-796-796-797-798-799-799-800-801-802-803-804-805-806-807-808-809-809-810-811-812-813-814-815-816-817-818-819-819-820-821-822-823-824-825-826-827-828-829-829-830-831-832-833-834-835-836-837-838-839-839-840-841-842-843-844-845-846-847-848-849-849-850-851-852-853-854-855-856-857-858-859-859-860-861-862-863-864-865-866-867-868-869-869-870-871-872-873-874-875-876-877-878-879-879-880-881-882-883-884-885-886-887-888-889-889-890-891-892-893-894-895-896-896-897-898-899-899-900-901-902-903-904-905-906-907-908-909-909-910-911-912-913-914-915-916-917-918-919-919-920-921-922-923-924-925-926-927-928-929-929-930-931-932-933-934-935-936-937-938-939-939-940-941-942-943-944-945-946-947-948-949-949-950-951-952-953-954-955-956-957-958-959-959-960-961-962-963-964-965-966-967-968-969-969-970-971-972-973-974-975-976-977-978-979-979-980-981-982-983-984-985-986-987-988-989-989-990-991-992-993-994-995-996-997-998-999-999-1000-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1089-1090-1091-1092-1093-1094-1095-1096-1096-1097-1098-1099-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1189-1190-1191-1192-1193-1194-1195-1196-1196-1197-1198-1199-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1219-1220-1221-1222-1223-1224-1225-1226-1227-1228-1229-1229-1230-1231-1232-1233-1234-1235-1236-1237-1238-1239-1239-1240-1241-1242-1243-1244-1245-1246-1247-1248-1249-1249-1250-1251-1252-1253-1254-1255-1256-1257-1258-1259-1259-1260-1261-1262-1263-1264-1265-1266-1267-1268-1269-1269-1270-1271-1272-1273-1274-1275-1276-1277-1278-1278-1279-1280-1281-1282-1283-1284-1285-1286-1287-1288-1289-1289-1290-1291-1292-1293-1294-1295-1296-1296-1297-1298-1299-1299-1300-1301-1302-1303-1304-1305-1306-1307-1308-1309-1309-1310-1311-1312-1313-1314-1315-1316-1317-1318-1319-1319-1320-1321-1322-1323-1324-1325-1326-1327-1328-1329-1329-1330-1331-1332-1333-1334-1335-1336-1337-1338-1339-1339-1340-1341-1342-1343-1344-1345-1346-1347-1348-1349-1349-1350-1351-1352-1353-1354-1355-1356-1357-1358-1359-1359-1360-1361-1362-1363-1364-1365-1366-1367-1368-1369-1369-1370-1371-1372-1373-1374-1375-1376-1377-1378-1378-1379-1380-1381-1382-1383-1384-1385-1386-1387-1388-1389-1389-1390-1391-1392-1393-1394-1395-1396-1396-1397-1398-1399-1399-1400-1401-1402-1403-1404-1405-1406-1407-1408-1409-1409-1410-1411-1412-1413-1414-1415-1416-1417-1418-1419-1419-1420-1421-1422-1423-1424-1425-1426-1427-1428-1429-1429-1430-1431-1432-1433-1434-1435-1436-1437-1438-1439-1439-1440-1441-1442-1443-1444-1445-1446-1447-1448-1449-1449-1450-1451-1452-1453-1454-1455-1456-1457-1458-1459-1459-1460-1461-1462-1463-1464-1465-1466-1467-1468-1469-1469-1470-1471-1472-1473-1474-1475-1476-1477-1478-1478-1479-1480-1481-1482-1483-1484-1485-1486-1487-1488-1489-1489-1490-1491-1492-1493-1494-1495-1496-1496-1497-1498-1499-1499-1500-1501-1502-1503-1504-1505-1506-1507-1508-1509-1509-1510-1511-1512-1513-1514-1515-1516-1517-1518-1519-1519-1520-1521-1522-1523-1524-1525-1526-1527-1528-1529-1529-1530-1531-1532-1533-1534-1535-1536-1537-1538-1539-1539-1540-1541-1542-1543-1544-1545-1546-1547-1548-1549-1549-1550-1551-1552-1553-1554-1555-1556-1557-1558-1559-1559-1560-1561-1562-1563-1564-1565-1566


**LEGEND**

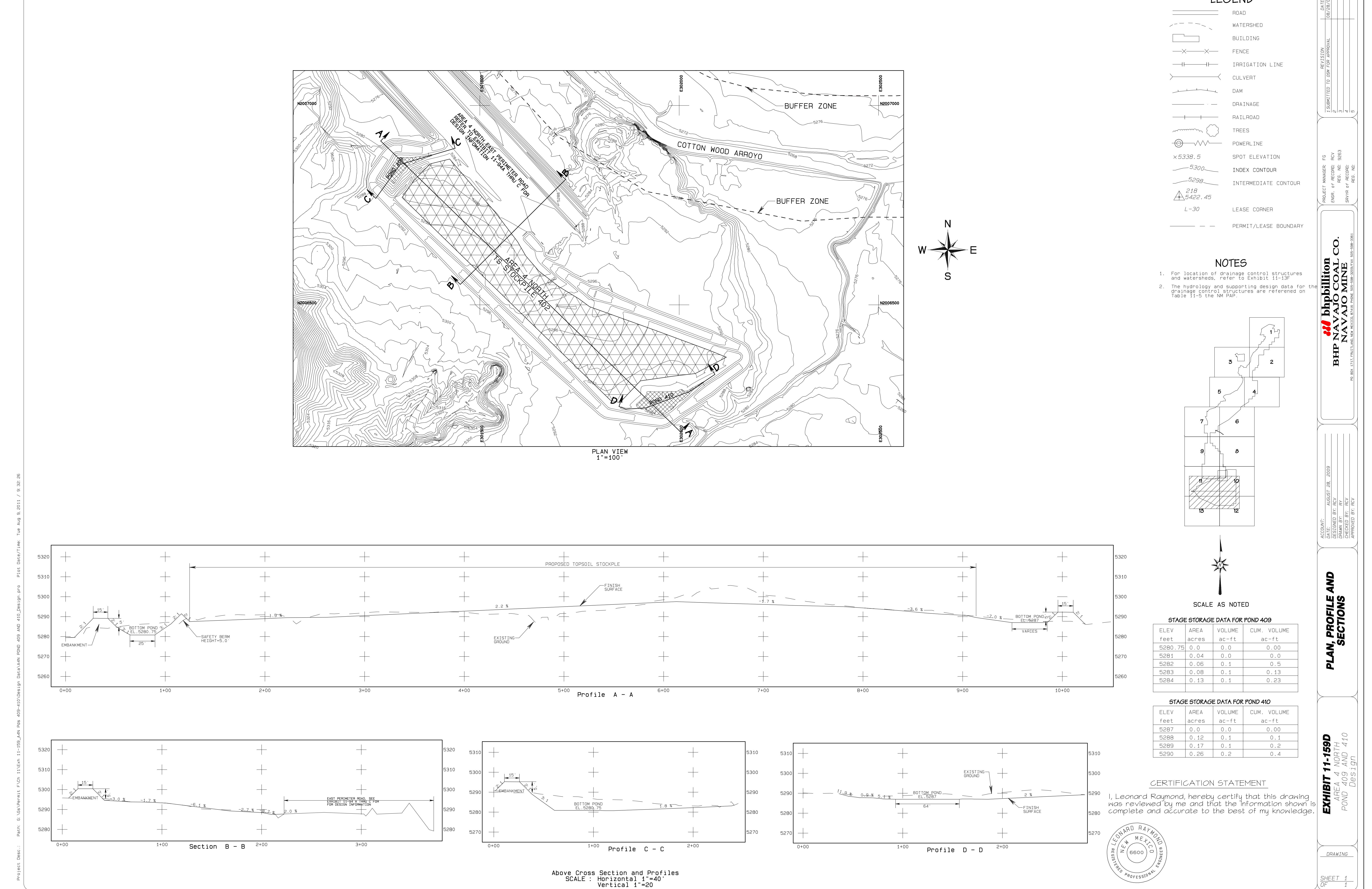
PAVED ROAD	SPOT ELEVATION
DIRT ROAD	INDEX CONTOUR
HAUL ROAD	INTERMEDIATE CONTOUR
TRAIL	HORIZ. & VERT. CONTROL
BUILDING	LEASE CORNER
FENCE	PERMIT/LEASE BOUNDARY
IRRIGATION LINE	
CULVERT	
DAM	PRIMARY ROADS
DRAINAGE	ANCILLARY ROADS
RAILROAD	PUBLIC ACCESS ROADS
TREES	
POWERLINE	

500 0 500 1000  
CONTOUR INTERVAL: 10'  
DATE OF PHOTOGRAPHY: MAY, 2010

NOTE:  
1. ONLY ROADS ON THE PERMANENT PROGRAM LANDS  
WERE CLASSIFIED. SEE EXHIBIT 1-4-10F7 THRU  
1-4-70F7 FOR LANDS STATUS.

Revised by  
Aero - Graphics, Inc.  
40 West Oakland Avenue  
Salt Lake City, Utah 84115

1-10-Aug-2010	PUP	Updated Area 4 NOFA road label and submitted to	LR
1-10-Feb-2010	PUP	Area 4 North Revision Resubmitted to GOM for Review	MC
0-11-Dec-07	PUP	KID TERM SUB	






Exhibit 11-166	bhpbilliton	
BHP NAVAJO COAL COMPANY		
PO BOX 171 FRUITLAND, NEW MEXICO 87021-1710 PHONE 505-884-4209 FAX 505-598-4229		
Navajo Mine Pits with Monitoring Wells and PCS Potentiometric Surface		
PREPARED BY: MD	DRAWN BY: MD	PAPER SIZE: ARCH E
APPROVED BY: APO	DATE: 9/26/2011	

