



July 22, 1991

Certified Mail #P276823505
Return Receipt Requested

Mr. William Hartmann, P.E.
Surface Water Permitting Supervisor
Southwest Florida Water Management District
970 East Main Center
Suite A
Bartow, Florida 33830

Re: Hardee Power Station
Hardee to Pebbledale Transmission Line
Site Certification No. PA 89-25

Dear Bill:

On Thursday, July 18, 1991, Paul Carpinone of Tampa Electric Company (TEC) and Barry Lenz of Dames & Moore met with Richard Gannon and Ann Venables at your office to discuss the additional information requested by your letters dated May 23 and June 21, 1991. This letter provides a written description of the topics of their conversation and is provided as a response to your letter.

It is our understanding from this meeting that 1) we have satisfied all concerns of the Southwest Florida Water Management District (SWFWMD), 2) our post certification submittal is complete, 3) and, at this time, no wetland mitigation is required for the project. The following narrative provides the information regarding the three wetland areas discussed in our meeting and referenced in your letter.

AREA 1

At Whiskey Store Creek, southeast of Bradley Junction and at the northeast perimeter of Hookers Prairie, the proposed TEC transmission line crosses a reclaimed wetland area. As shown on the enclosed IMC Fertilizer (IMC) drawing KM-12-RV-1A titled Post Reclamation Vegetation, Section 12, (Hookers Prairie), of FDER Permit No. 530862379, the area crossed by the transmission line is proposed and presently planted as a meandering stream with no forested component. The TEC corridor is shown on this drawing scaled in red ink. Further, there is no wetland fill proposed by TEC at this location and no

wetland vegetation will be altered or removed. The power poles on either side of the creek are located in uplands. As a result, no wetland compensation will be required by SWFWMD at this point of the project.

AREA 2

At Agricola Road, northeast of Bradley Junction, TEC proposes to avoid two existing forested wetland mitigation areas. In the future, the two areas will be bisected by a relocated railroad line. Three IMC permit exhibits are enclosed for your review. They include the Mine Access Corridor (plan view detail) and Reclamation Plan View of FDER Permit No. 530651609, and Figure 1 of FDER Permit No. 530862379. The TEC easement and powerline are shown scaled in red ink on the first two exhibits.

As can be seen, two small areas shaded in blue fall within the transmission line easement. However, field reviews of this area prior to and following our meeting have confirmed that no forested mitigation areas will be impacted as shown on Figure 1 (enclosed). Measurements show that the power pole is 40 feet from the wetland top of bank and 58 feet from the nearest point of the wetland delineation. The conductors are supported by three steel arms which extend 12 feet from the power pole. This will leave a minimum of approximately 46 feet between the forested wetland and the conductors. IMC was consulted to determine this pole location, thereby avoiding the mitigation areas. TEC is confident that no wetland tree clearing or trimming will be necessary at this location or in the mitigation area immediately to the south. Therefore, no forested wetland compensation will be required by SWFWMD at this point of the project.

AREA 3

At the IMC proposed mining and reclamation area southwest of Bradley Junction and west of Old Highway 37, TEC proposes to locate the transmission line within a smaller 39-foot corridor adjacent to the road right-of-way. In this location, the corridor and transmission line will encroach on two existing forested wetland areas which lie adjacent to the roadway. However, IMC has been previously permitted by FDER to mine these areas and has plans to begin this work by the end of this year as stipulated in their permit approval. Therefore, SWFWMD will not require TEC to compensate for the clearing of those existing wetland trees within the proposed transmission line corridor.

Two IMC proposed forested wetland reclamation areas will be created beneath the TEC powerline corridor when mining activities are completed. Enclosed is Sketch No. SBR-17 of FDER Permit No. 531498599 which depicts the proposed IMC wetland reclamation areas. These two forested wetlands within the TEC

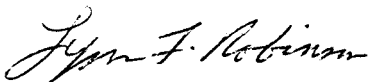
Mr. William Hartmann, P.E.
July 22, 1991
Page -3-

corridor are estimated to cover a total of approximately 0.28 acres. TEC estimates that these wetland trees may require trimming within ten to 15 years, dependent on tree species, planted size and growth rates. Tree clearing will not be necessary at this time because the conductors will be 40 feet above the ground. TEC does not expect tree trimming to be necessary until the trees are 15 to 20 feet in height. Therefore, based on our meeting, SWFWMD will not require mitigation at this time for the expected tree trimming to be completed at some point in the future. Rather, as a condition of approval by SWFWMD, TEC will notify SWFWMD prior to initiation of the tree trimming activity. This will provide SWFWMD an opportunity to assess the wetland habitat and determine the appropriate compensation, if any, based on SWFWMD rules in effect at that time.

The above descriptions provide a complete response to all remaining SWFWMD concerns. As a result of this meeting last week and submittal of this letter, TEC understands that the post certification submittal can now be issued complete. Further, at this time, there are no wetland mitigation requirements for the entire project. We therefore respectfully request you to confirm with us as soon as possible these issues so that our post certification status can become complete.

Thank you for the expeditious and thorough manner in which you and your staff have completed the review of this submittal. If we can be of further help please contact Paul Carpinone or me.

Sincerely,



Lynn F. Robinson, P.E.
Manager
Environmental Planning

sn/EE505

cc/enc: H.S. Oven, Jr., FDER-Tallahassee

Enclosure

bcc: M. Leahy (w/enc.)
L.N. Curtin, Esq. (w/enc.)
B. Lenz (w/enc.)
PDF 4.25 (w/enc.)
C 2.1

Route: J.L. Williams
P.A. Ho
K.O. Zwolak

EXPLANATION



PROPOSED DER
JURISDICTIONAL AREA

FLUGGS

ACRES

210 PASTURE 12.0

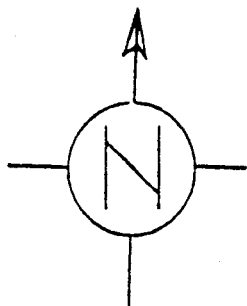
430 UPLAND
FOREST 32.9

510 STREAM 1.5

520 LAKE 12.3

620 WETLAND
FOREST 33.4

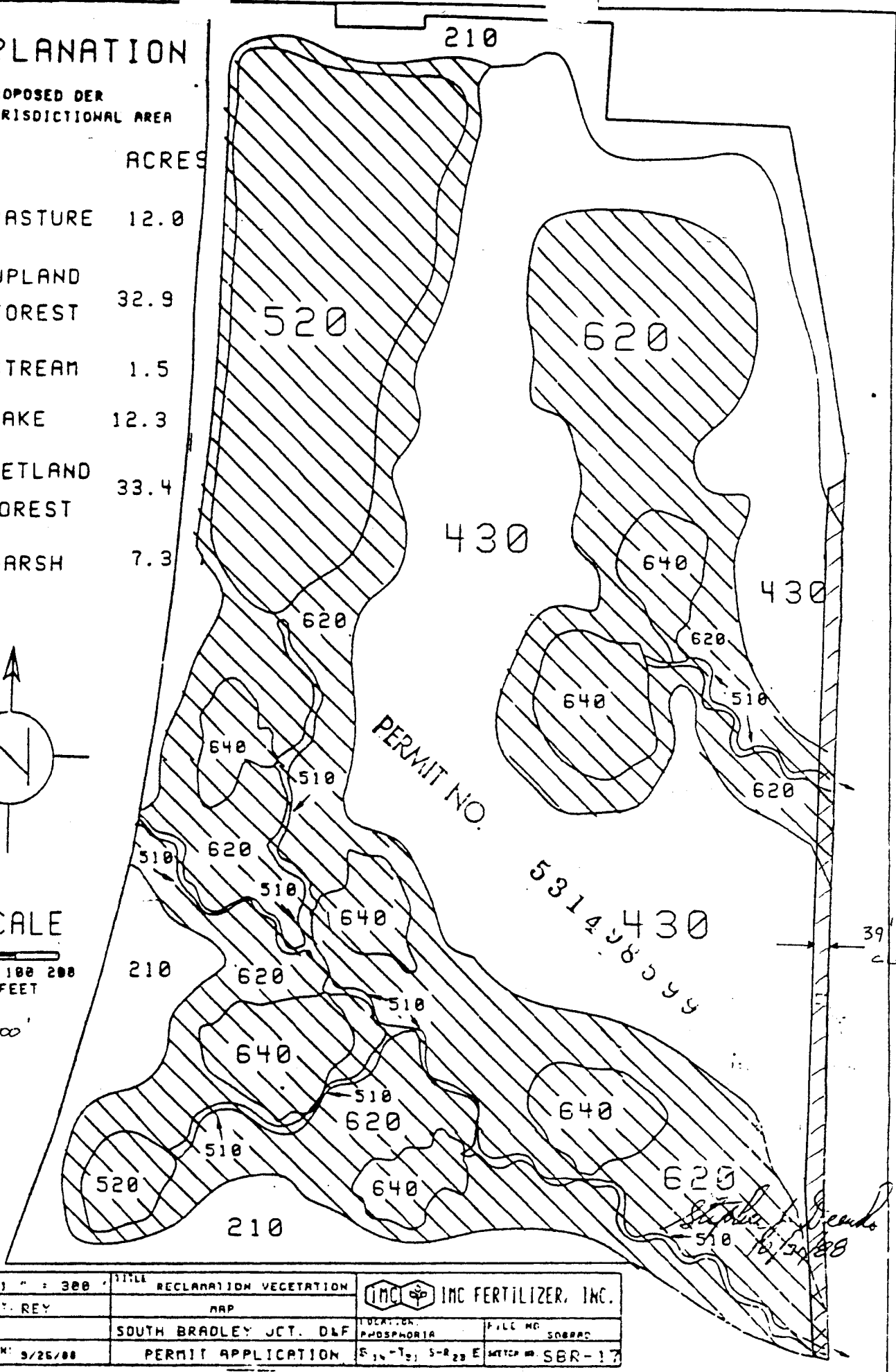
640 MARSH 7.3



SCALE

0 100 200
FEET

1"=300'

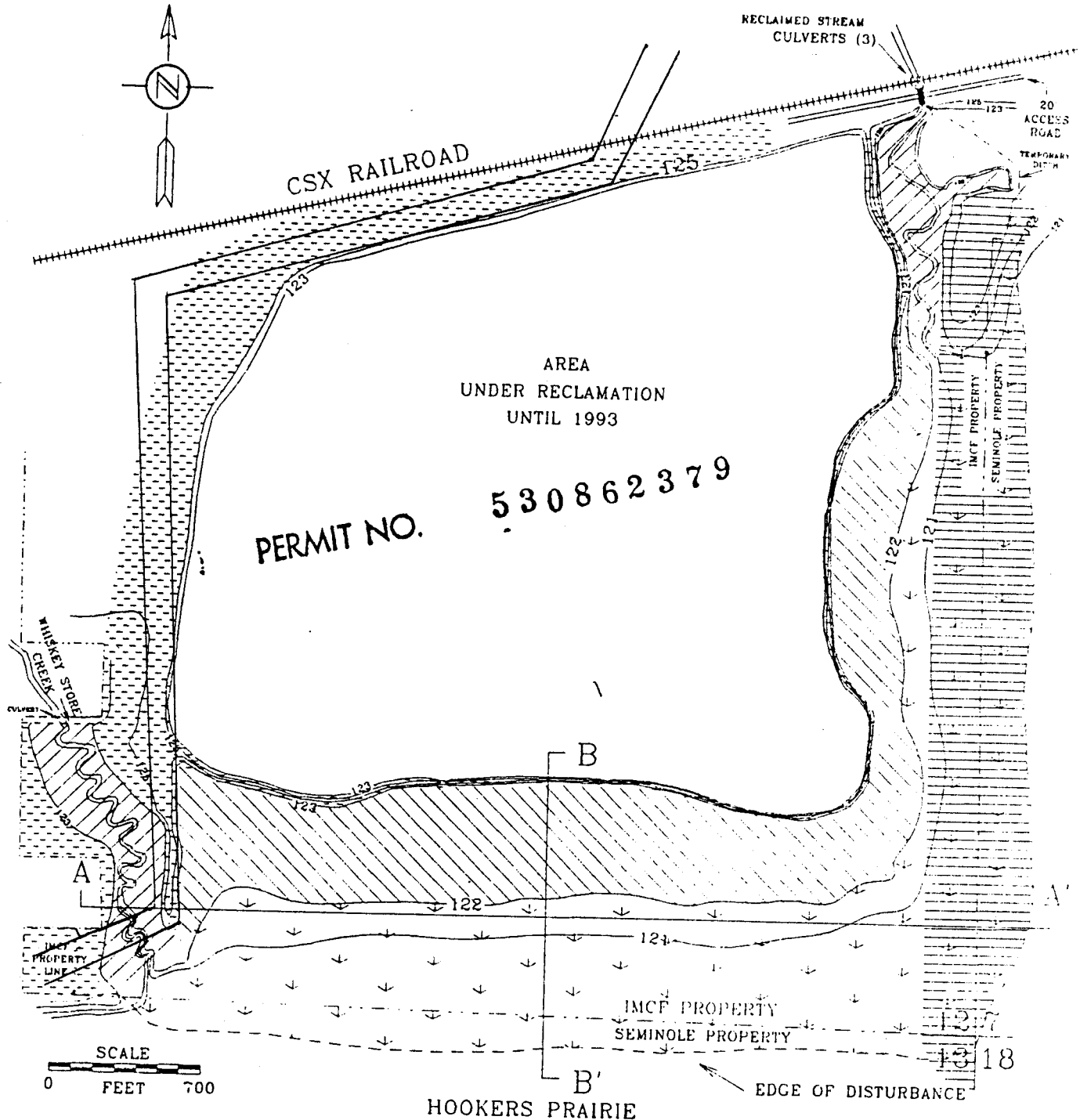


39' TO &
CLEAR

SCALE 1" = 300'	TITLE RECLAMATION VEGETATION	INC FERTILIZER, INC.
DRAWN BY: REY	MAP	
DATE	SOUTH BRADLEY JCT. DLF	LOCATION: PHOSPHORIA
REVISION: 9/26/88	PERMIT APPLICATION	FILE NO: 50880
		MAP NO: SBR-17

RECEIVED
WET. RES. MGT.

JAN 24 1990



IMC FERTILIZER, INC.			
POST RECLAMATION VEGETATION SECTION 12 (HOOKERS PRAIRIE)			
DATE: 1/9/90	REV/DJR	FILE: SEC12REC	DRAWING: KM-12-RV-1A
T31 R23		DATUM: NGVD	
S7, 12, 13			

	IMCF MITIGATION AREA	SEMINOLE MITIGATION AREA	TOTAL AREA
PROPOSED FORESTED AREA	48.2		48.2
MEANDERING STREAM	13.1		13.1
HERBACEOUS MARSH	64.3	35.7	100.0
UPLAND PASTURE/FOREST	43.4	5.8	49.2
TO BE DISTURBED BY SEMINOLE PHOSPHATES		41.3	41.3

Deedra M. Smith
DEEDRA M. SMITH, P.E.

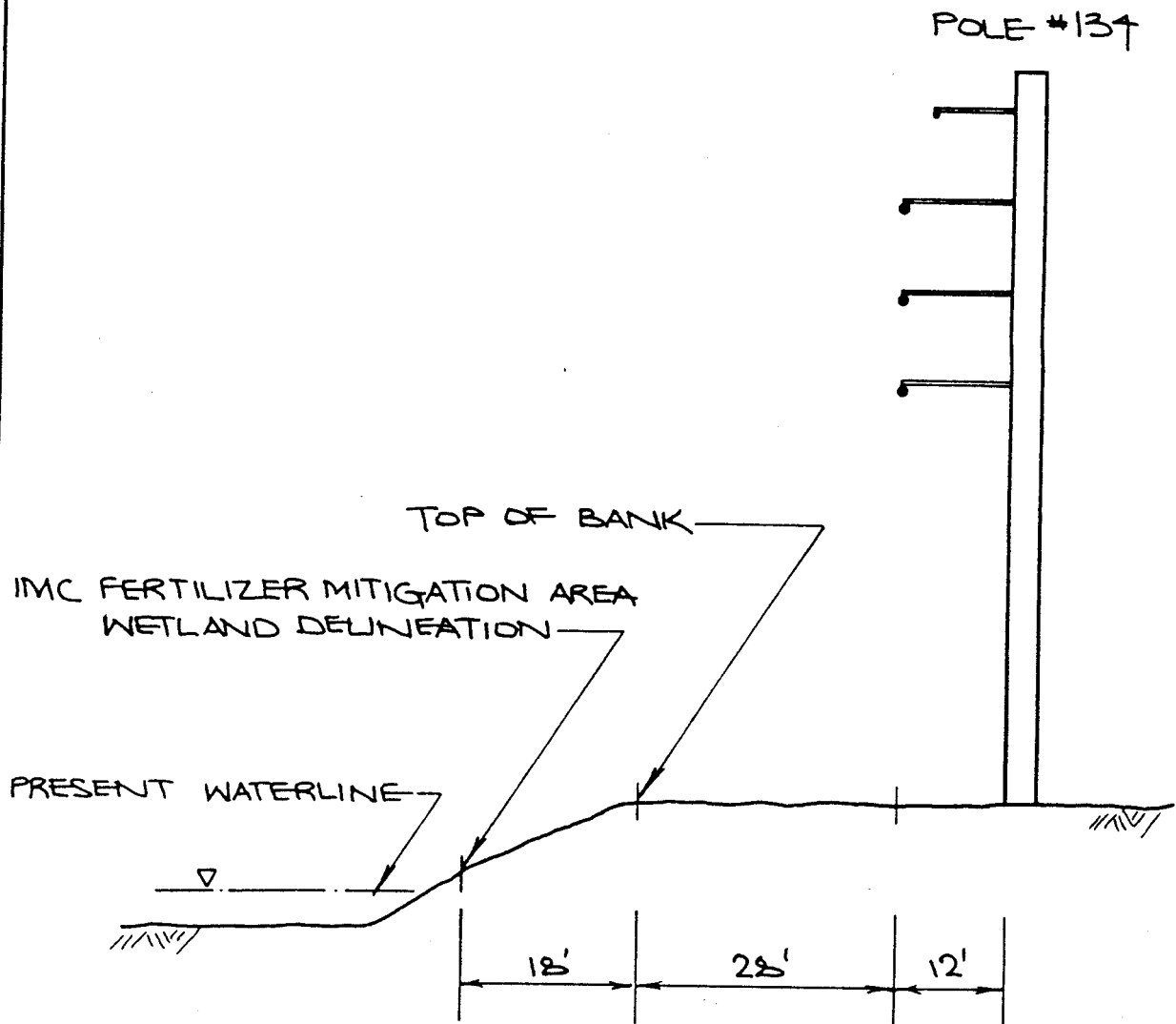
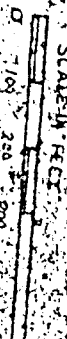


FIGURE 1
CROSS SECTION AT POLE #134
LOOKING NORTHEAST
T.E.C.D. - PEBBLEDALE TRANSMISSION LINE

EXISTENCE 200-55031211

1904-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040



PERMIT NO. 530651609

Phosphoria Sect. 7 E. 12. Relocation D.R. Proj. 9.05

is hereby certified that the information contained in this drawing is true and correct to the best of my knowledge and belief.

Sealed by Datto

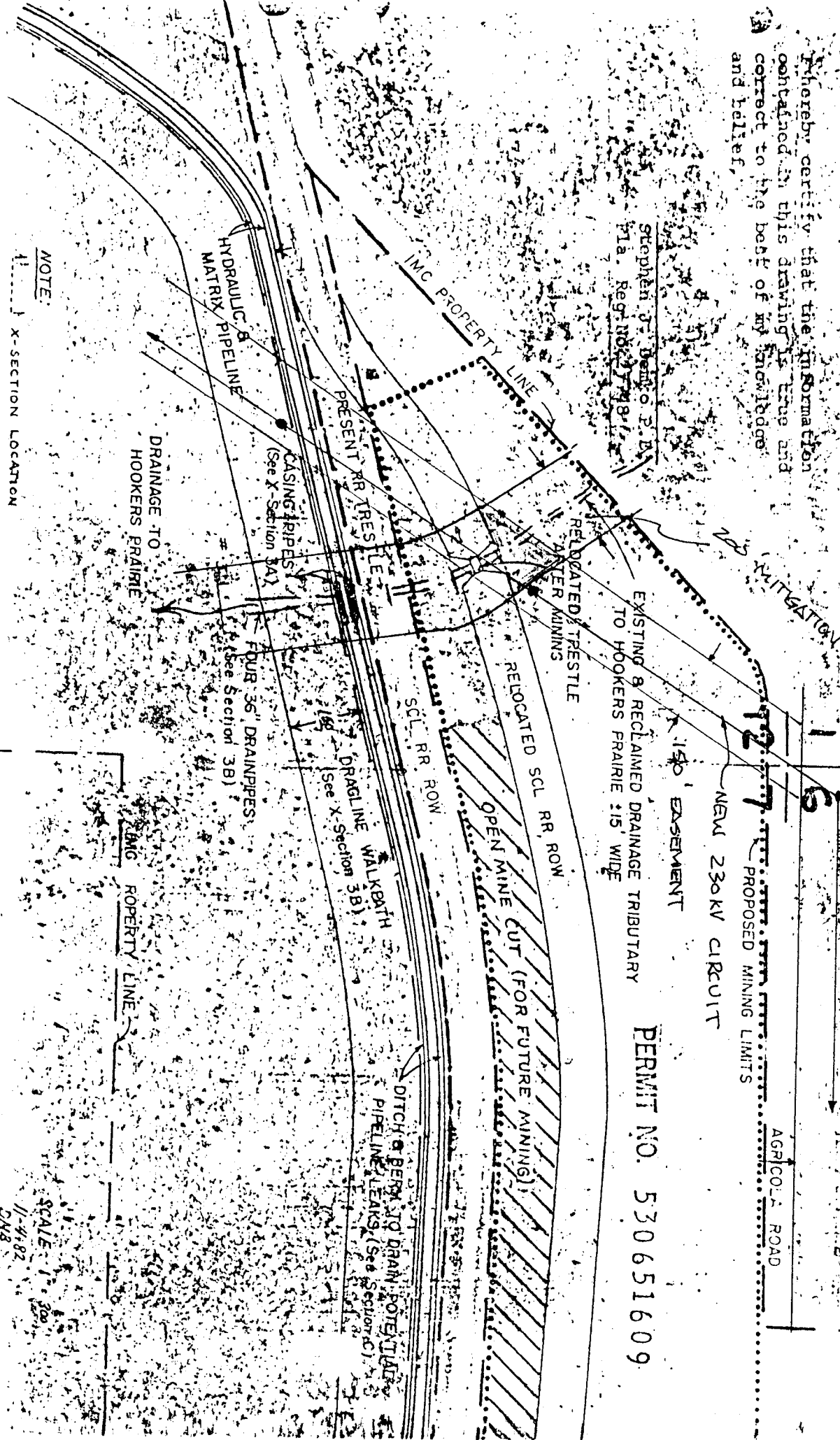
MINE ACCESS CORRIDOR PLAN VIEW DETAIL

North Sec 7 & 12 Relocation Map Brg. 7 of 12

I hereby certify that the information contained in this drawing is true and correct to the best of my knowledge and belief.

Stephen J. DeLeo, P.E.
Sta. Reg. No. 27987

PERMIT NO. 530651609



NOTE:

X-SECTION LOCATION

SCALE 1" = 300'

11-4-82
DMS