

STATE OF INDIANA

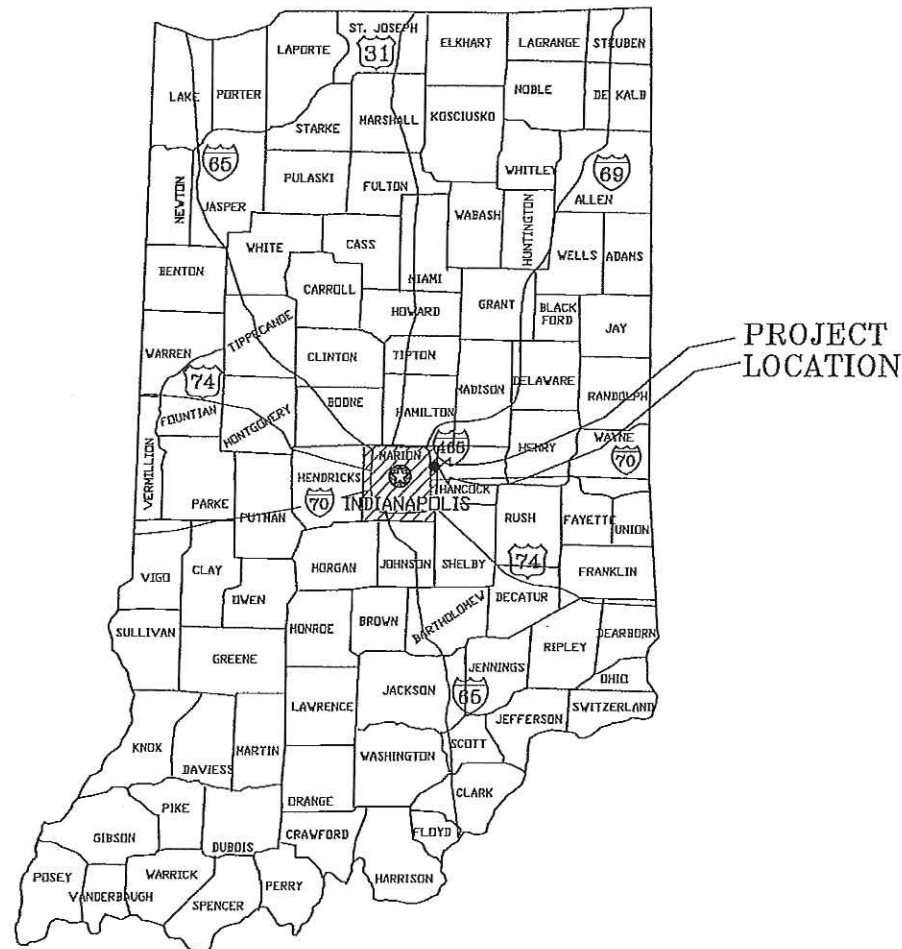
DEPARTMENT OF NATURAL RESOURCES

NEW LAKE SPILLWAY REPAIR FORT HARRISON STATE PARK

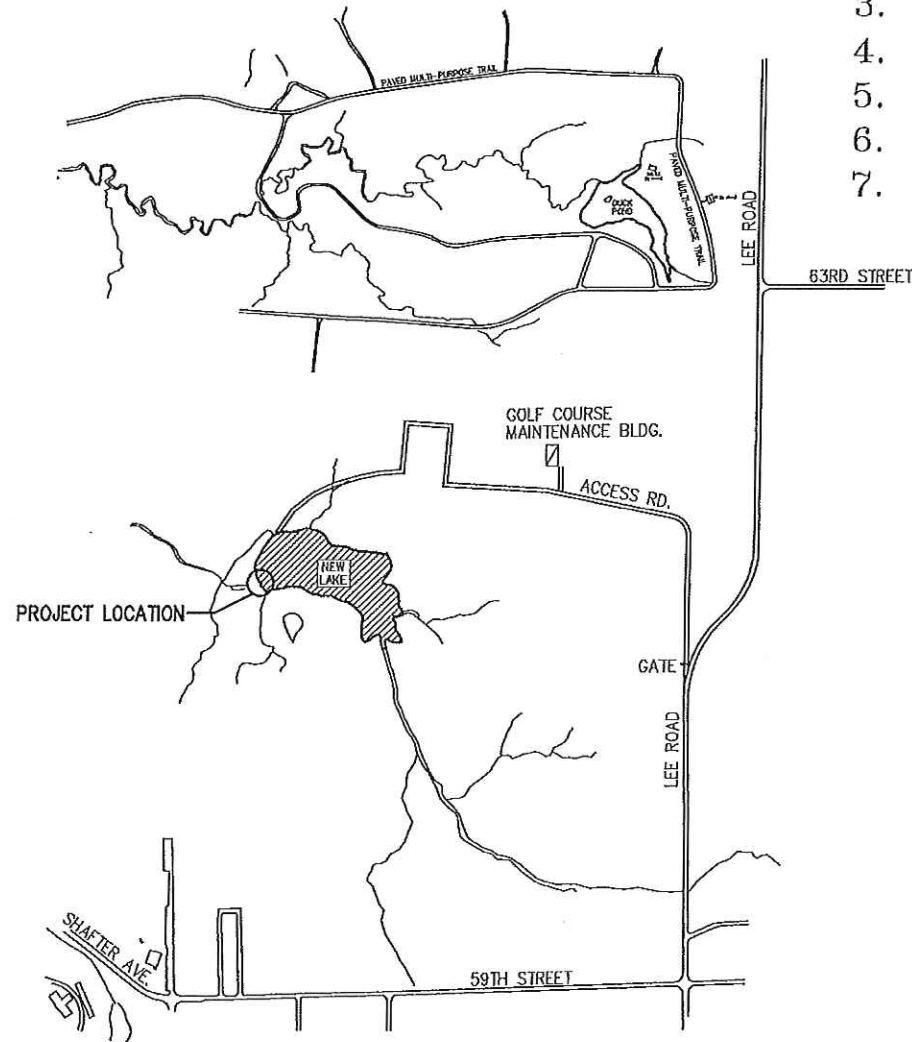
INDIANAPOLIS, INDIANA
MARION COUNTY

INDEX

SHEET NO.	DESCRIPTION
1.	TITLE SHEET
2.	TOPO SURVEY
3.	SPILLWAY REPAIRS
4.	SITE LAYOUT
5.	PLAN & PROFILE
6.	PLAN & PROFILE
7.	PLAN & PROFILE



PROJECT LOCATION MAP



VICINITY MAP

Certified by:

NEW LAKE SPILLWAY REPAIR
 FORT HARRISON STATE PARK
 DEPT. OF NATURAL RESOURCES
 5753 GLENN RD.
 INDIANAPOLIS, INDIANA 46216



STATE OF INDIANA
 DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENGINEERING
 3000 WAB, INDIANA GOVERNMENT CENTER, SUITE
 402 WEST WASHINGTON STREET
 INDIANAPOLIS, INDIANA 46204
 TEL: 317-232-4150, FAX: 317-233-1205

Revisions:

Project Number:

Requisition#

Designer: Drawing Date:

Drafter: JSB Drawing Scale: NO SCALE

DNR Approval:

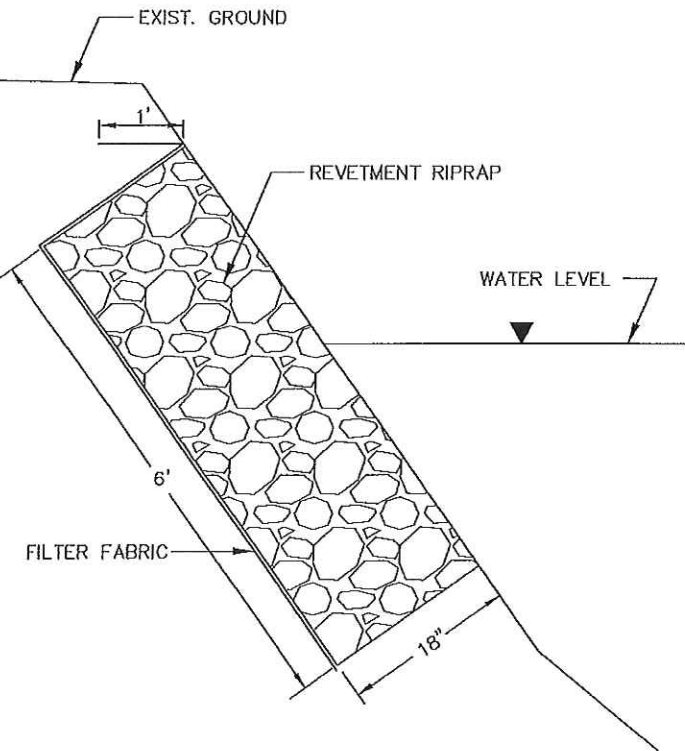
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File Number: XX-XX

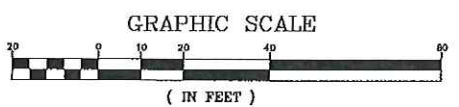
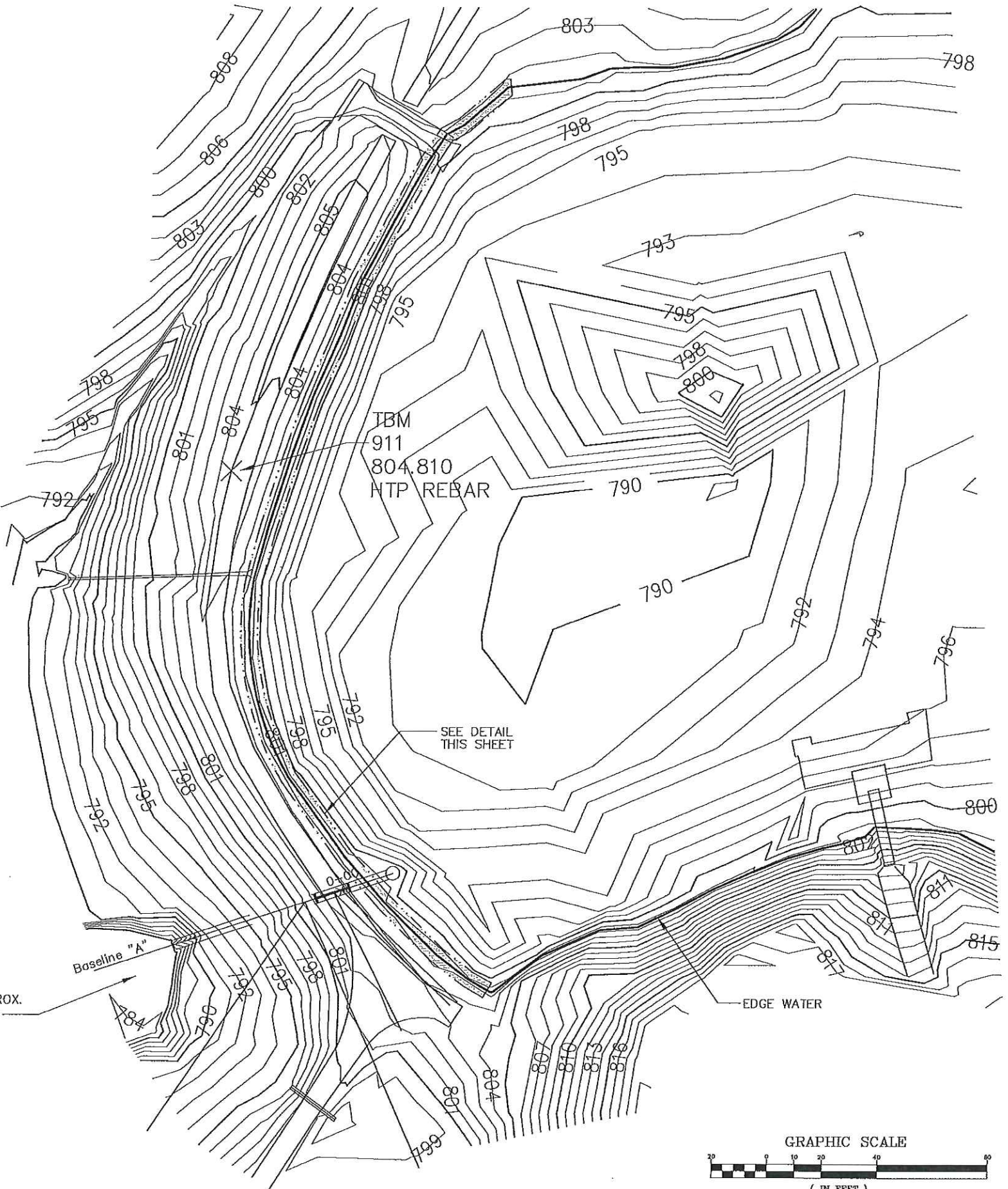
Drawing Number:

Sheet: TS-1 of 7

NEW LAKE SPILLWAY REPAIR - MARION COUNTY, INDIANA - PROJECT LOCATION MAP AND VICINITY MAP - SHEET NO. TS-1 OF 7



DETAIL
UPSTREAM SLOPE PROTECTION
 NO SCALE



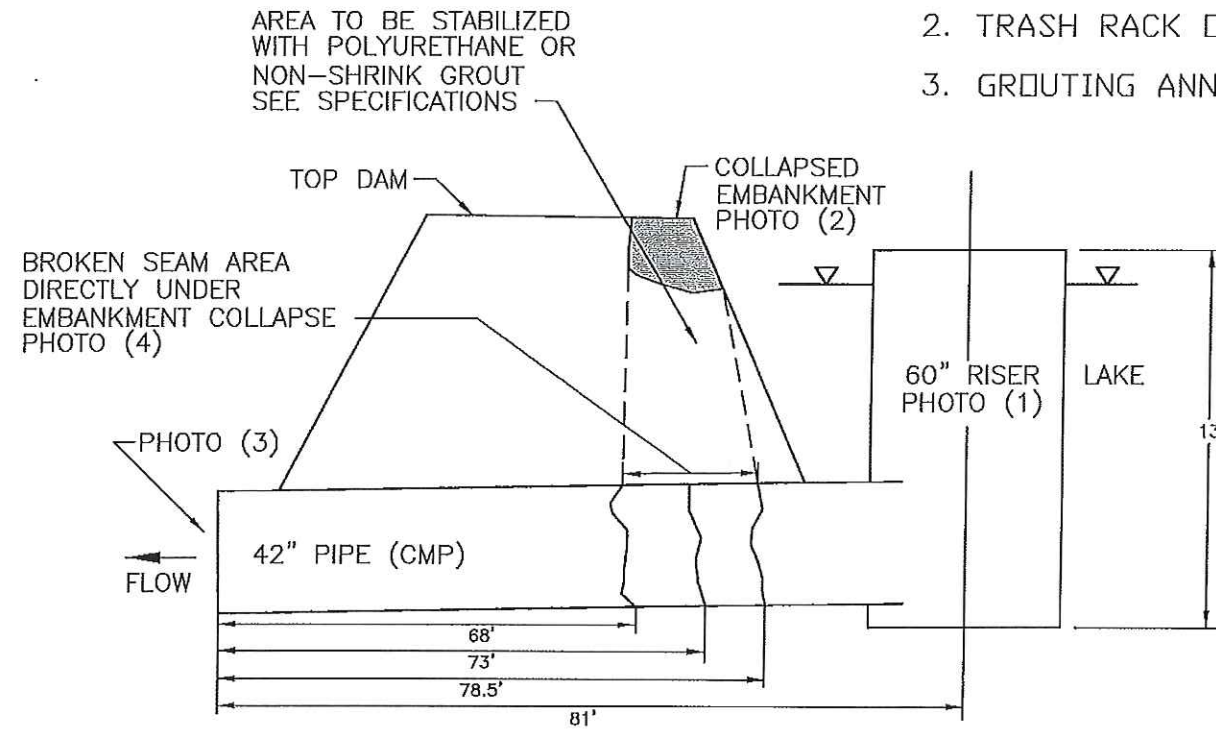
TOPO SURVEY FOR SPILLWAY REPAIR
 FORT HARRISON STATE PARK
 DEPT. OF NATURAL RESOURCES
 5753 GLENN RD.
 INDIANAPOLIS INDIANA 46216

STATE OF INDIANA
 DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENGINEERING
 3000 W. INDIANA GOVERNMENT CENTER SOUTH
 400 WEST WASHINGTON STREET
 INDIANAPOLIS, INDIANA 46204
 TEL: 317-332-4193, FAX: 317-333-1265

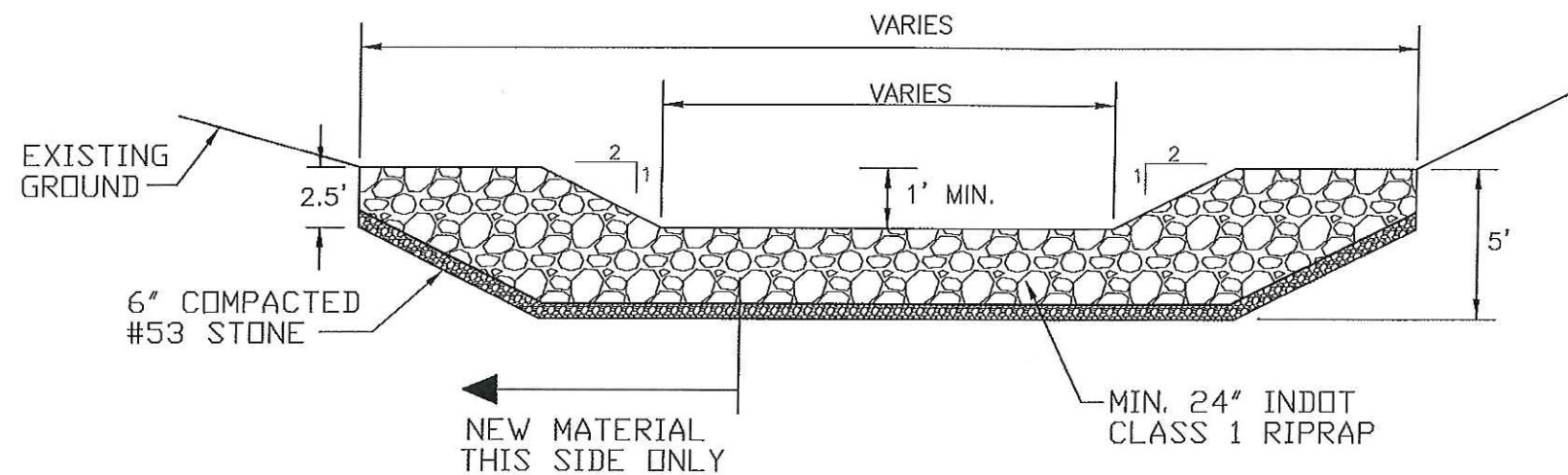
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Registration Number:	
Designer: LW	Drawing Date:
Drafter: JSB	Drawing Scale: 1" = 20'
DNR Approval:	
Client Approval:	
File Number:	
Drawing Number:	
Sheet:	2 of 7

NOTES:

1. SLIP-LINING 42" OUTFLOW PIPE & 60" RISER.
2. TRASH RACK ON RISER.
3. GROUTING ANNULAR SPACE



**NEW LAKE DAM
PRIMARY SPILLWAY EXISTING CONDITIONS
SECTION**



TYPICAL SECTION EMERGENCY SPILLWAY

NO SCALE

SPILLWAY REPAIRS
FORT HARRISON STATE PARK
DEPT. OF NATURAL RESOURCES
5753 GLENN RD.
INDIANAPOLIS, INDIANA 46216



STATE OF INDIANA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENGINEERING
ROOM 7009, INDIANA GOVERNMENT CENTER SOUTH
402 WEST WASHINGTON STREET
INDIANAPOLIS, INDIANA 46204
TEL. 317-232-4150, FAX 317-232-1205

Revision:

Project Number: **Project#**

Requisition Number: **Requisition#**

Designer: **JSB** Drawing Date: **MM-DD-YY**

Drafter: Drawing Scale: **AS NOTED**

DNR Approval:

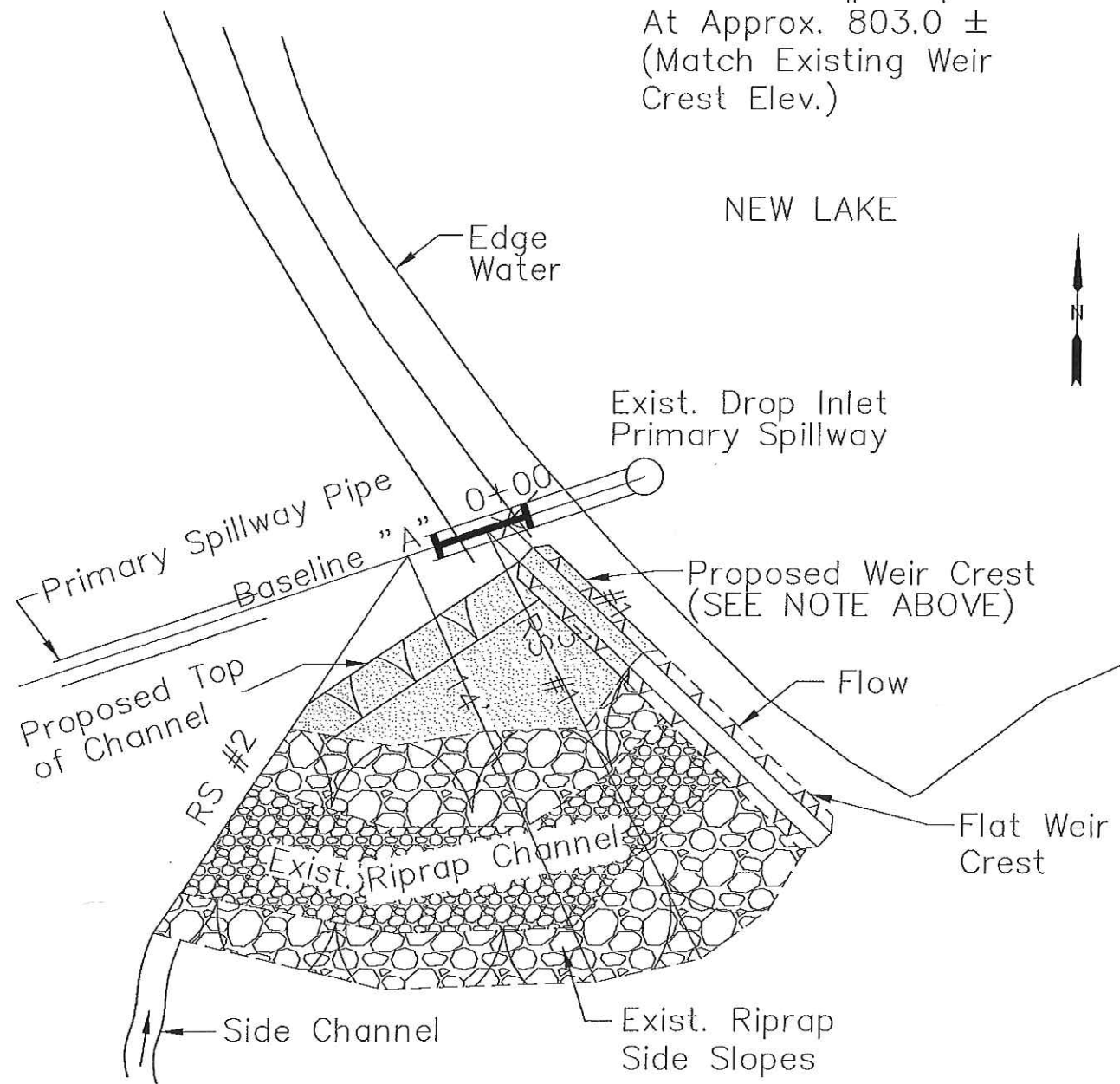
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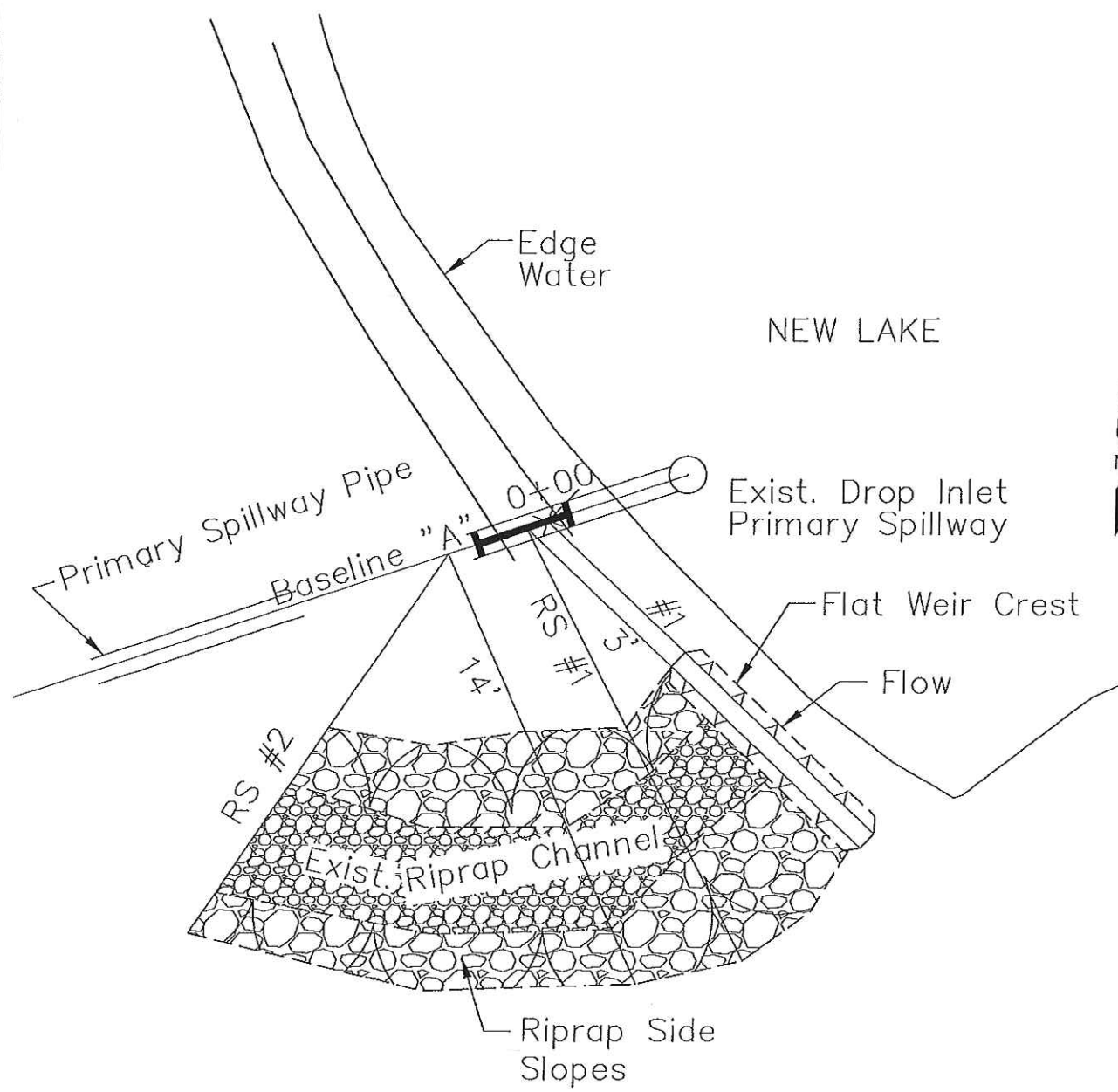
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Sheet **3** of **7**

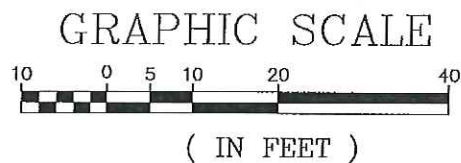
NOTE:
 Proposed Weir Crest
 Provide 3'-4' Wide
 Flat Weir Crest 46' Long
 At Section #1 Top Crest
 At Approx. 803.0 ±
 (Match Existing Weir
 Crest Elev.)



PROPOSED SITE



EXISTING SITE



Certified by:

EXISTING & PROPOSED SITE LAYOUT
 FORT HARRISON STATE PARK
 DEPT. OF NATURAL RESOURCES
 5753 GLENN RD.
 INDIANAPOLIS INDIANA 46216



STATE OF INDIANA
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF ENGINEERING
 BOONVILLE INDIANA GOVERNMENT CENTER SOUTH
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 INDIANAPOLIS, INDIANA 46204
 TEL. 317-232-4150, FAX 317-233-1205

Revised:

Project Number:

Requisition Number:

Designer:

Drawing Date:

Drawn by:

Drawing Scale:

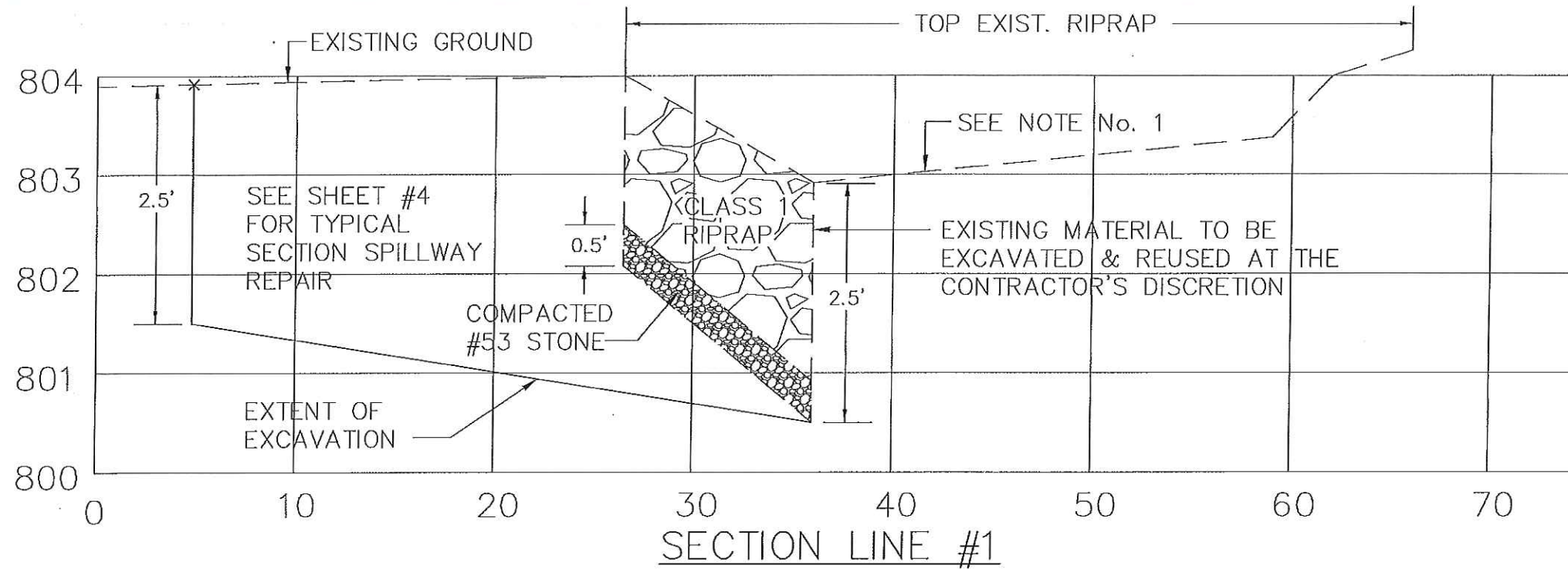
DNCR Approval:

Client Approval:

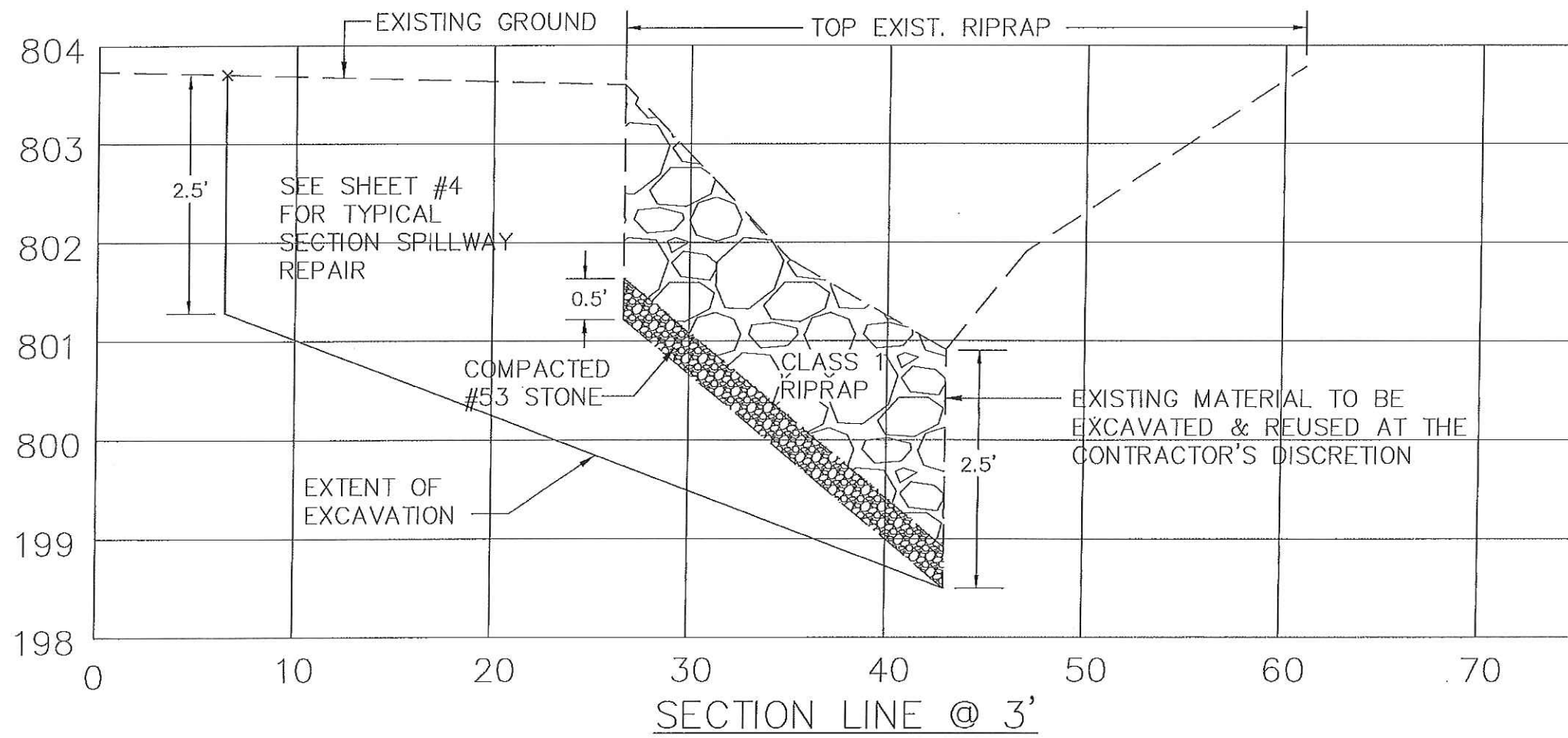
File Number:

Drawing Number:

Sheet 4 of 7



NOTE No. 1
 Proposed Weir Crest
 Provide 3'-4' Wide
 Flat Weir Crest 46' Long
 At Section #1 Top Crest
 At Approx. 803.0 ±
 (Match Existing Weir
 Crest Elev.)



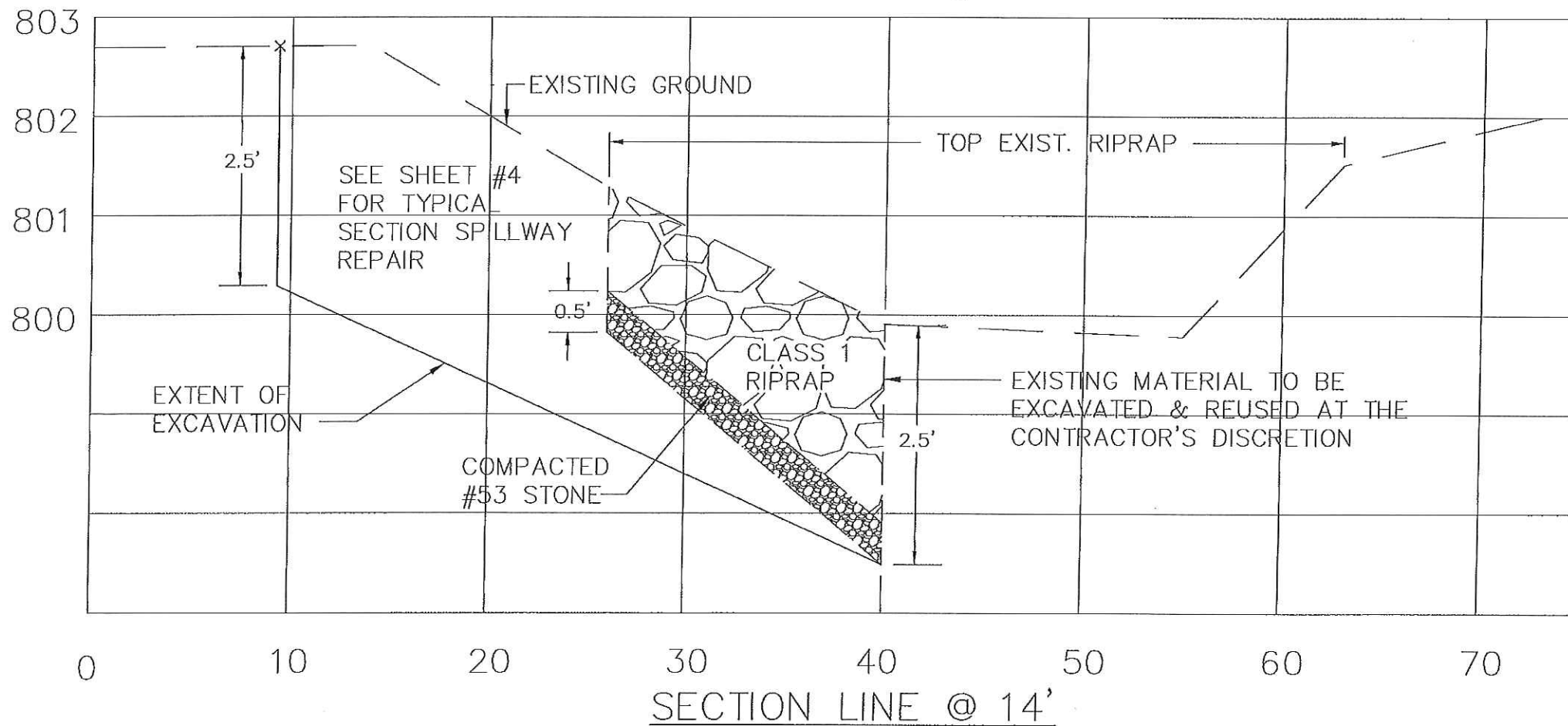
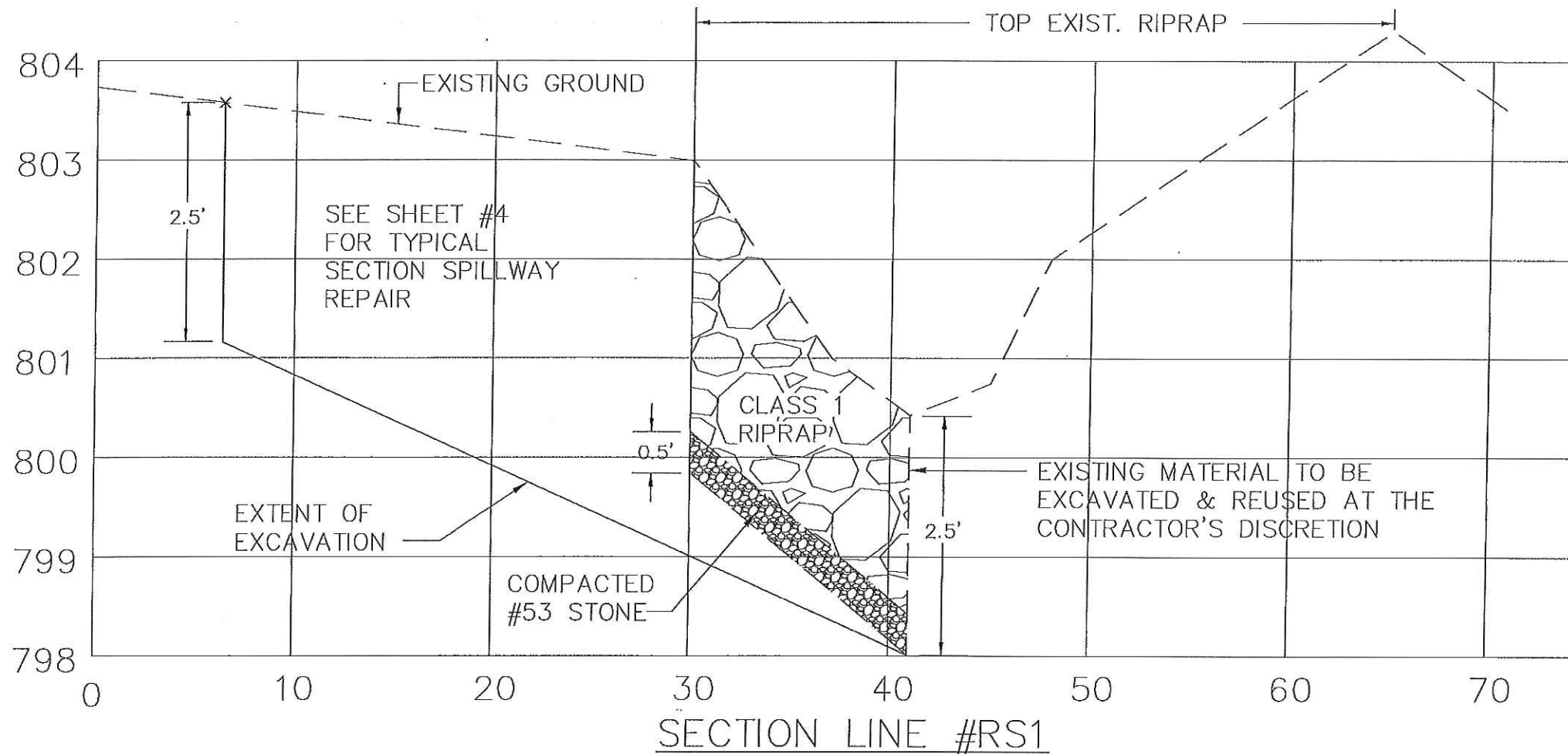
PLAN & PROFILE FOR SPILLWAY REPAIR
 FORT HARRISON STATE PARK
 DEPT. OF NATURAL RESOURCES
 5763 GLENN RD.
 INDIANAPOLIS INDIANA 46216



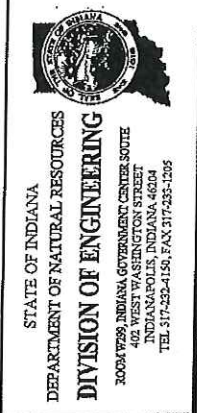
STATE OF INDIANA
 DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENGINEERING
 ROOM 909 INDIANA GOVERNMENT CENTER SOUTH
 402 WEST WASHINGTON STREET
 INDIANAPOLIS, INDIANA 46204
 TEL. 317-232-1150, FAX 317-233-1255

DATE PLOTTED: 12/15/99 11:54 AM PROJECT: FORT HARRISON STATE PARK SPILLWAY REPAIR SHEET: 5 OF 6

Revisions:	
Project Number:	
Revision Number:	
Designer: LW	Design Date:
Drawn: JSB	Drawing Scale: 1" = 20'
ENR Approval:	
Client Approval:	
File Number:	
Drawing Number:	
Sheet	5 of 6

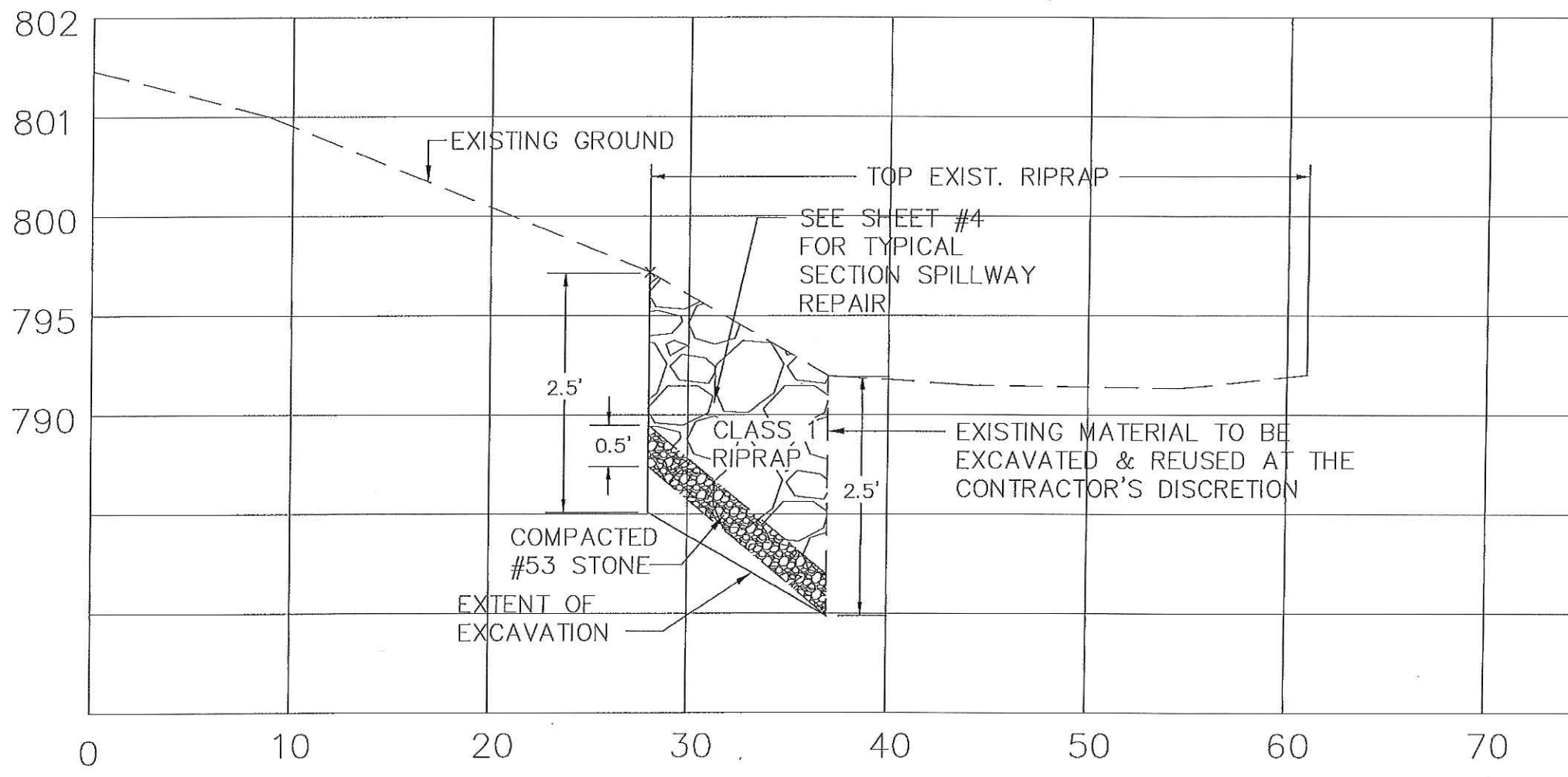


PLAN & PROFILE FOR SPILLWAY REPAIR
 FORT HARRISON STATE PARK
 DEPT. OF NATURAL RESOURCES
 5753 GLENN RD.
 INDIANAPOLIS INDIANA 46216



IN REVISION OF: 1. 2. 3. 4. 5. 6. 7. 8. 9. 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.

Revised:	
Project Number:	
Requisition Number:	
Designer: LW	Drawing Date:
Drawn: JSB	Drawing Scale: 1" = 20'
DNR Approval:	
Client Approval:	
File Number:	
Drawing Number:	6
Sheet:	5 of 7



SECTION LINE RS #2

Certified by:

PLAN & PROFILE FOR SPILLWAY REPAIR
 FORT HARRISON STATE PARK
 DEPT. OF NATURAL RESOURCES
 5753 GLENN RD.
 INDIANAPOLIS INDIANA 46216



STATE OF INDIANA
 DEPARTMENT OF NATURAL RESOURCES
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Project Number:	
Requisition Number:	
Designer:	Drawing Date:
Draftsman:	Drawing Scale:
DNR Approval:	
Client Approval:	
File Number:	
Drawing Number:	
Sheet: 7 of 7	

No. 02-397 - 2/1990 SOURCE: PROCEEDINGS STATE WATER RESOURCES CONFERENCE, UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS, 1989