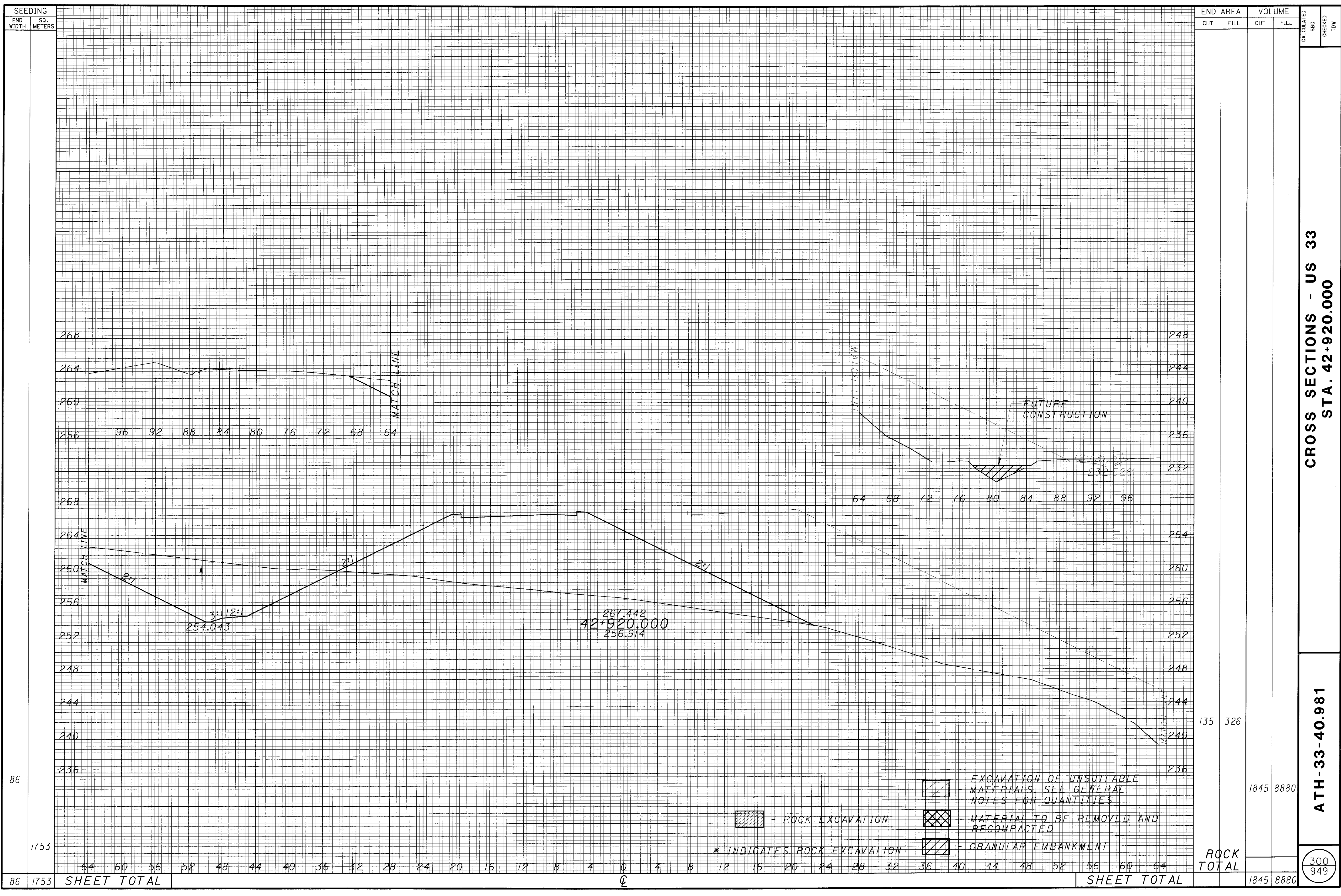
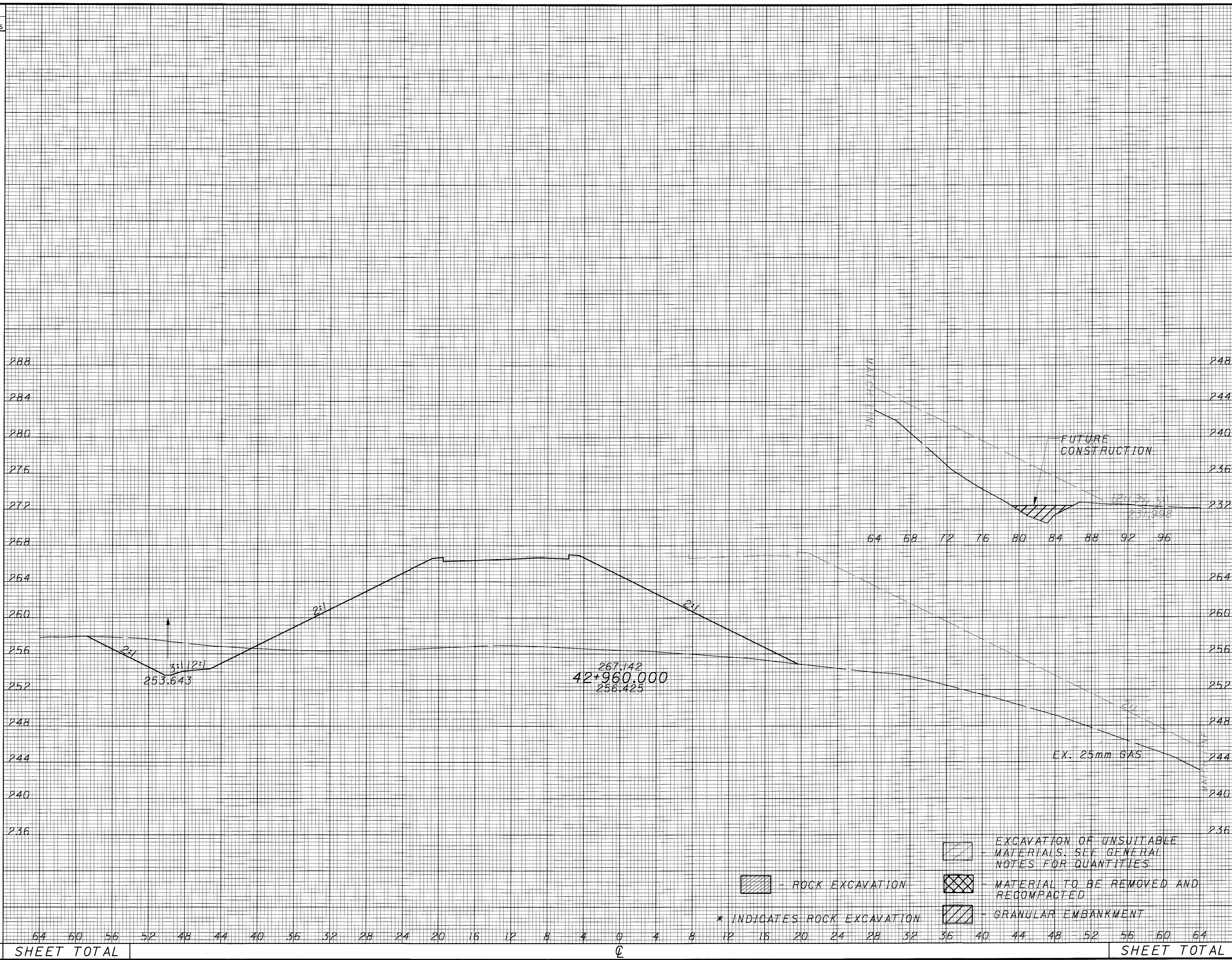


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SEEDING	
END WIDTH	SQ. METERS
71	1469
SHEET TOTAL	



END AREA	VOLUME	CALCULATED	CHECKED	TOW
38	382			
		1406	6308	
ROCK TOTAL				
SHEET TOTAL		1406	6308	

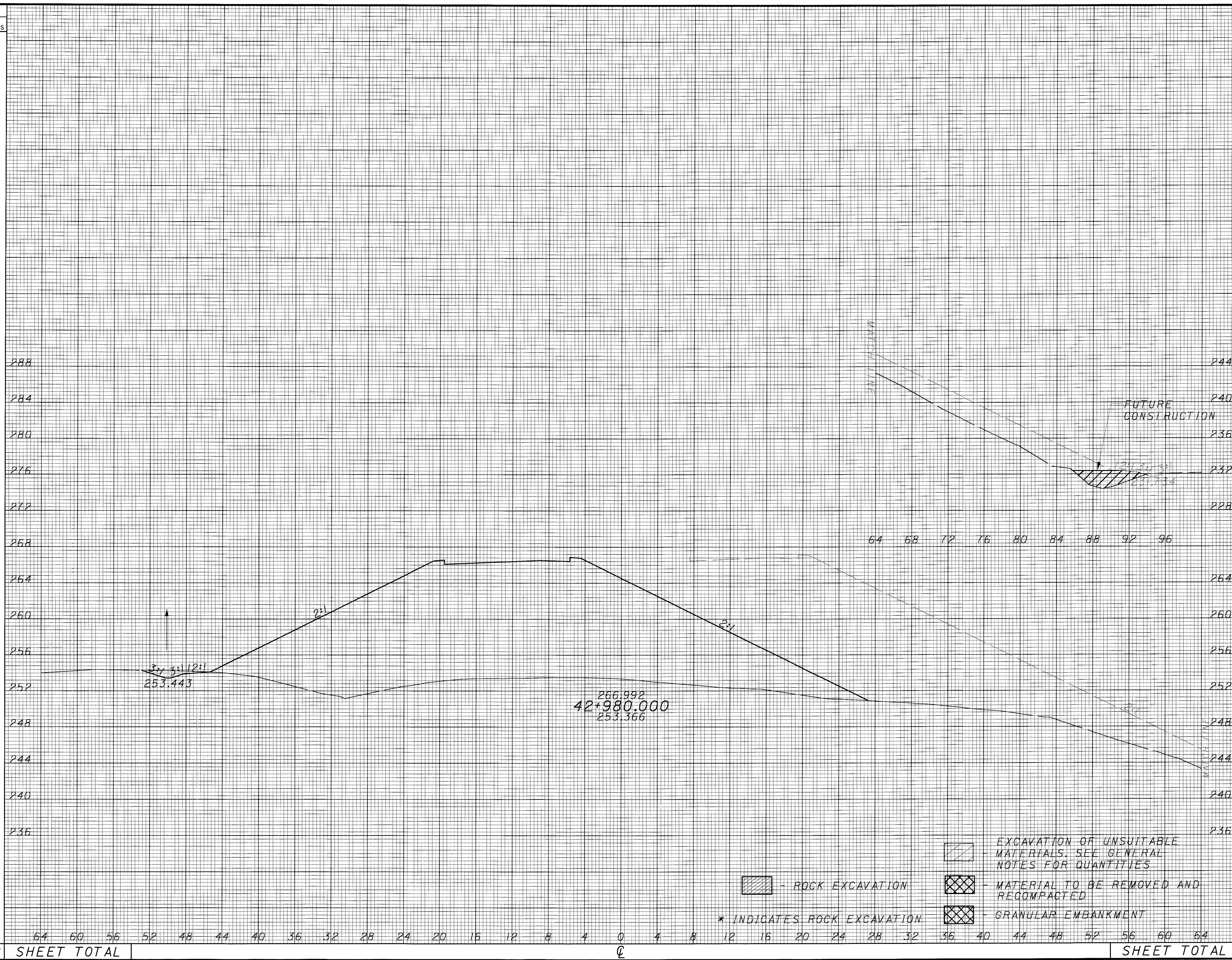
**CROSS SECTIONS - US 33
 STA. 42+960.000**

ATH-33-40.981

302
 949

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SEEDING	
END WIDTH	SQ. METERS
73	1447
SHEET TOTAL	



END AREA	VOLUME	CALCULATED	CHECKED				
				CUT	FILL	CUT	FILL
3	608						
		409	9894				
ROCK TOTAL							
		409	9894				

CROSS SECTIONS - US 33
STA. 42+980.000

ATH-33-40.981

303
949

- EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

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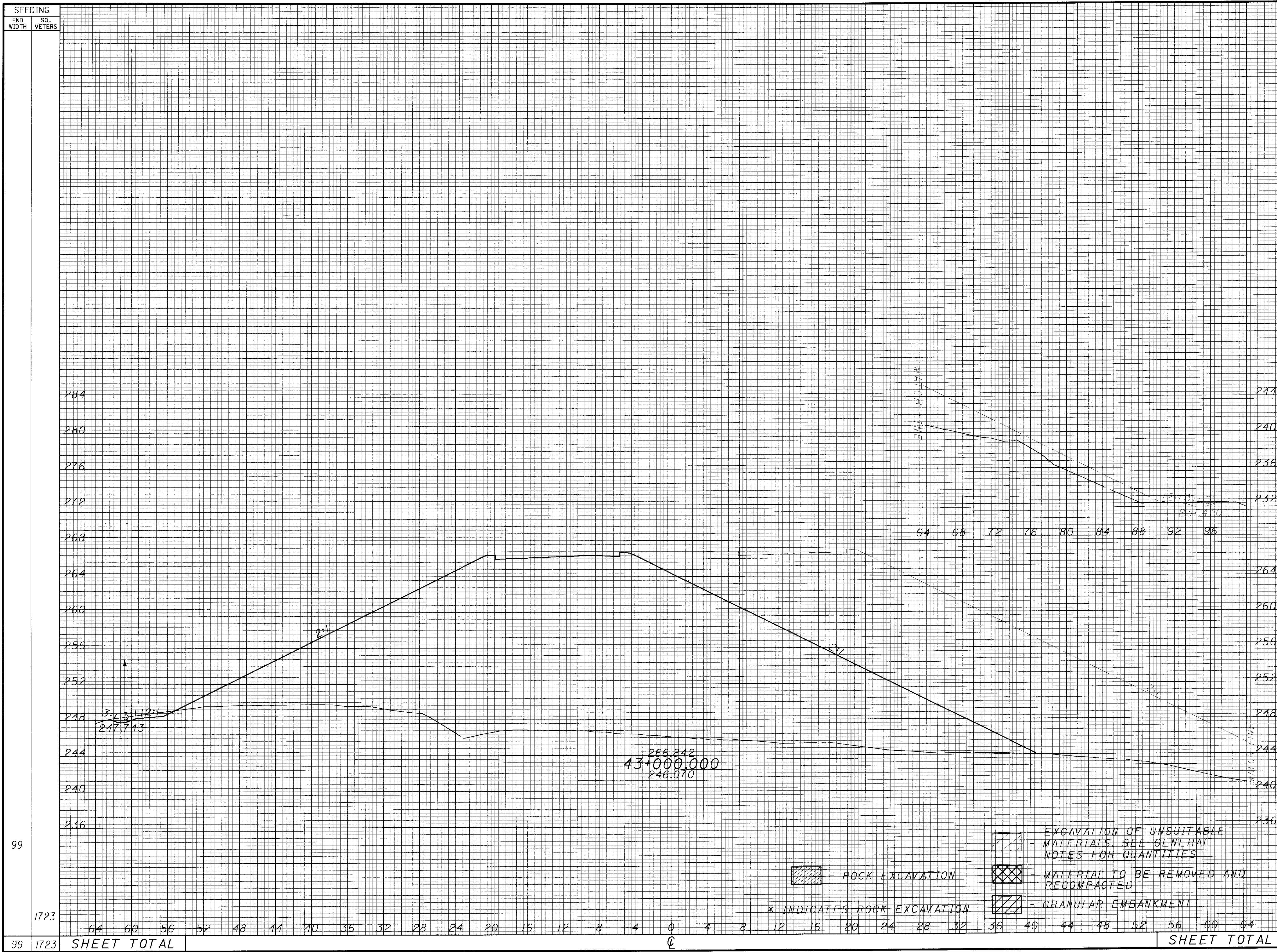
SEEDING	
END WIDTH	SQ. METERS
99	1723
SHEET TOTAL	

END AREA		VOLUME		CALCULATED BBO	CHECKED TDW
CUT	FILL	CUT	FILL		
3	1082	56	16898		
ROCK TOTAL					
		56	16898		

**CROSS SECTIONS - US 33
 STA. 43+000.000**

ATH-33-40.981

304
 949

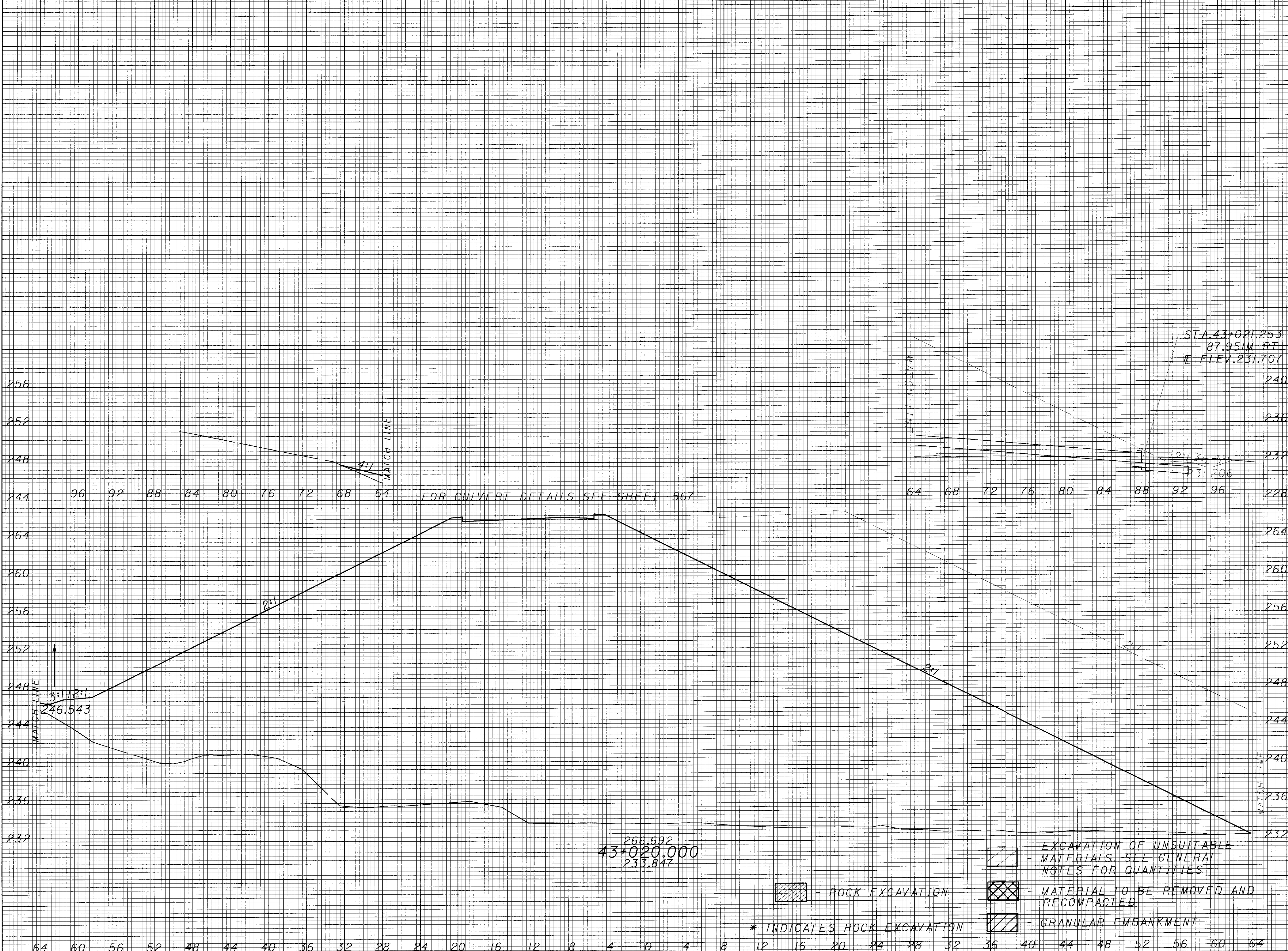


99 1723

SHEET TOTAL

SEEDING
END SQ.
WIDTH METERS



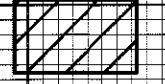
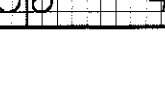
END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BBO
CHECKED
TDW



266.692
43+020.000
233.847

STA. 43+021.253
87.951M RT.
ELEV. 231.707

FOR QUIVERT DETAILS SEE SHEET 567

-  - ROCK EXCAVATION
-  - EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
-  - MATERIAL TO BE REMOVED AND RECOMPACTED
-  - GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

0 2304

27 33856

ROCK TOTAL

27 33856

CROSS SECTIONS - US 33
STA. 43+020.000

ATH-33-40.981

305
949

02/07/2001
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131

2297

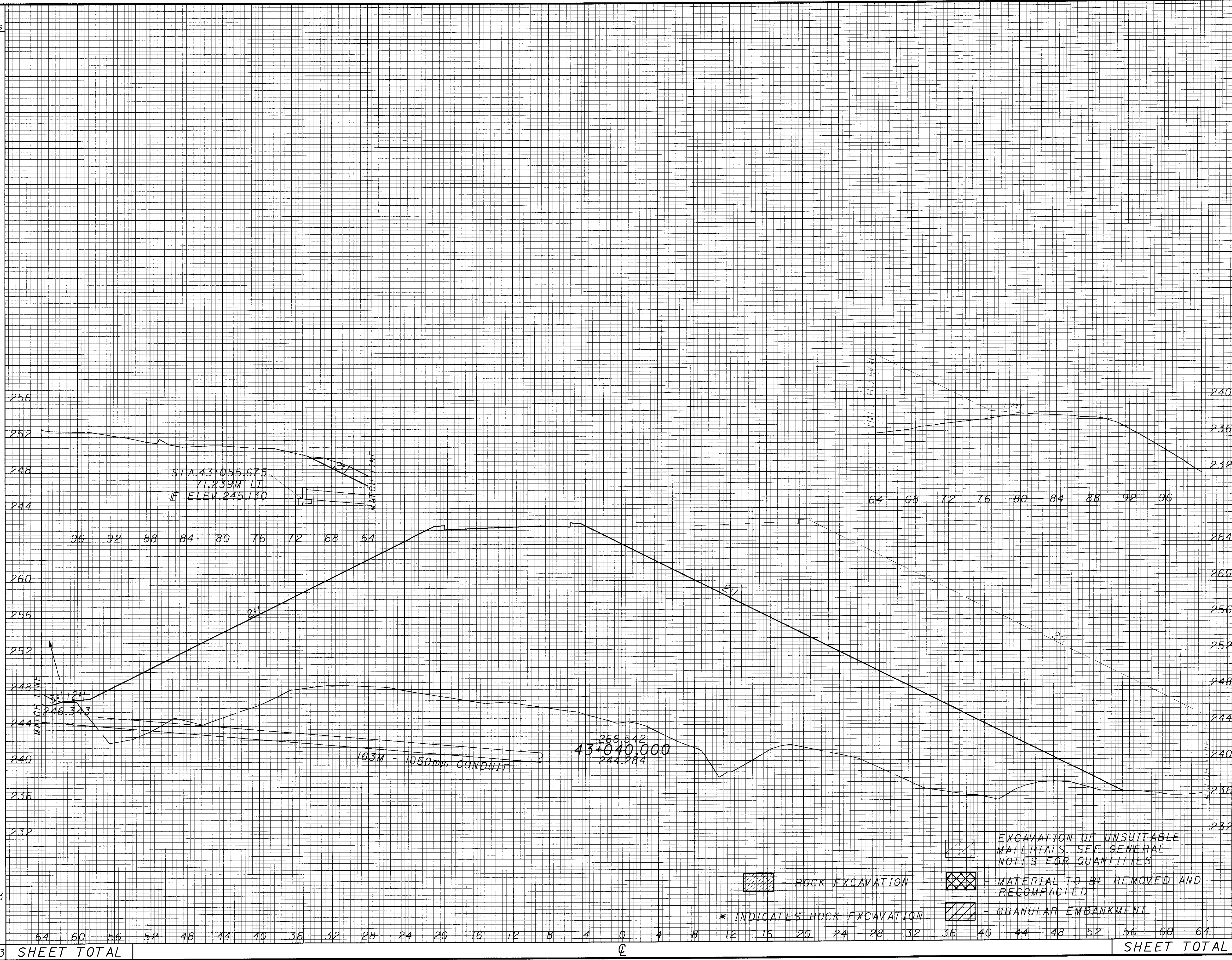
131 2297 SHEET TOTAL

SHEET TOTAL

Q

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SEEDING	
END WIDTH	SQ. METERS
125	2553
SHEET TOTAL	



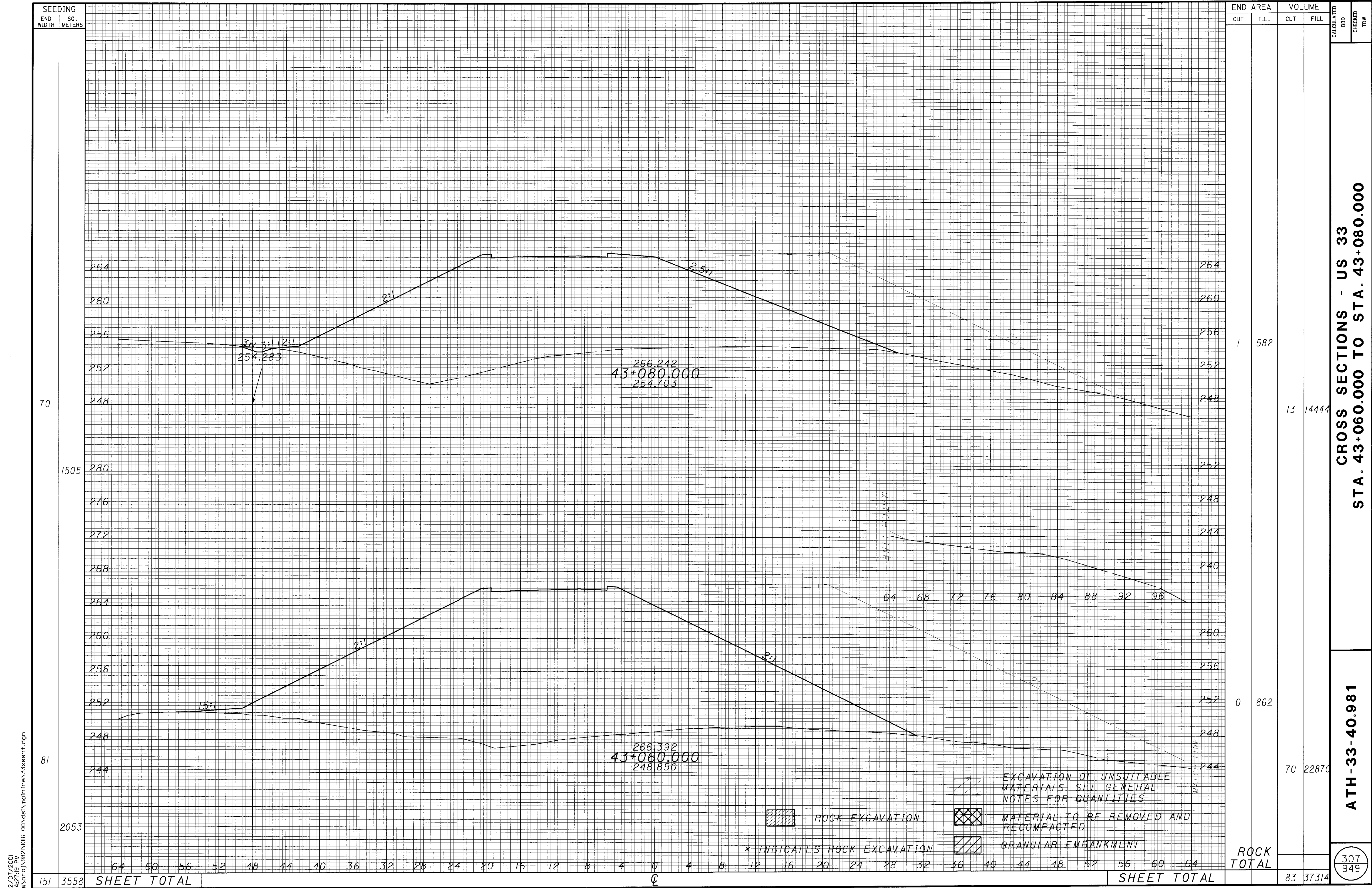
END AREA		VOLUME	
CUT	FILL	CUT	FILL
7	1425	70	37286
ROCK TOTAL			
SHEET TOTAL		70	37286

- ROCK EXCAVATION
 - EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
 - MATERIAL TO BE REMOVED AND RECOMPACTED
 - GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

CROSS SECTIONS - US 33
 STA. 43+040.000

ATH-33-40.981

306
 949



SEEDING	
END WIDTH	SQ. METERS

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED	BBO	CHECKED	TOW
------------	-----	---------	-----

CROSS SECTIONS - US 33
STA. 43+060.000 TO STA. 43+080.000

ATH-33-40.981

307
949

70

1505

81

2053

266,242
43+080.000
254,703

266,392
43+060.000
248,850

3:1
254.283

15:1

FILL AND FILL

64 68 72 76 80 84 88 92 96

MAINTENANCE

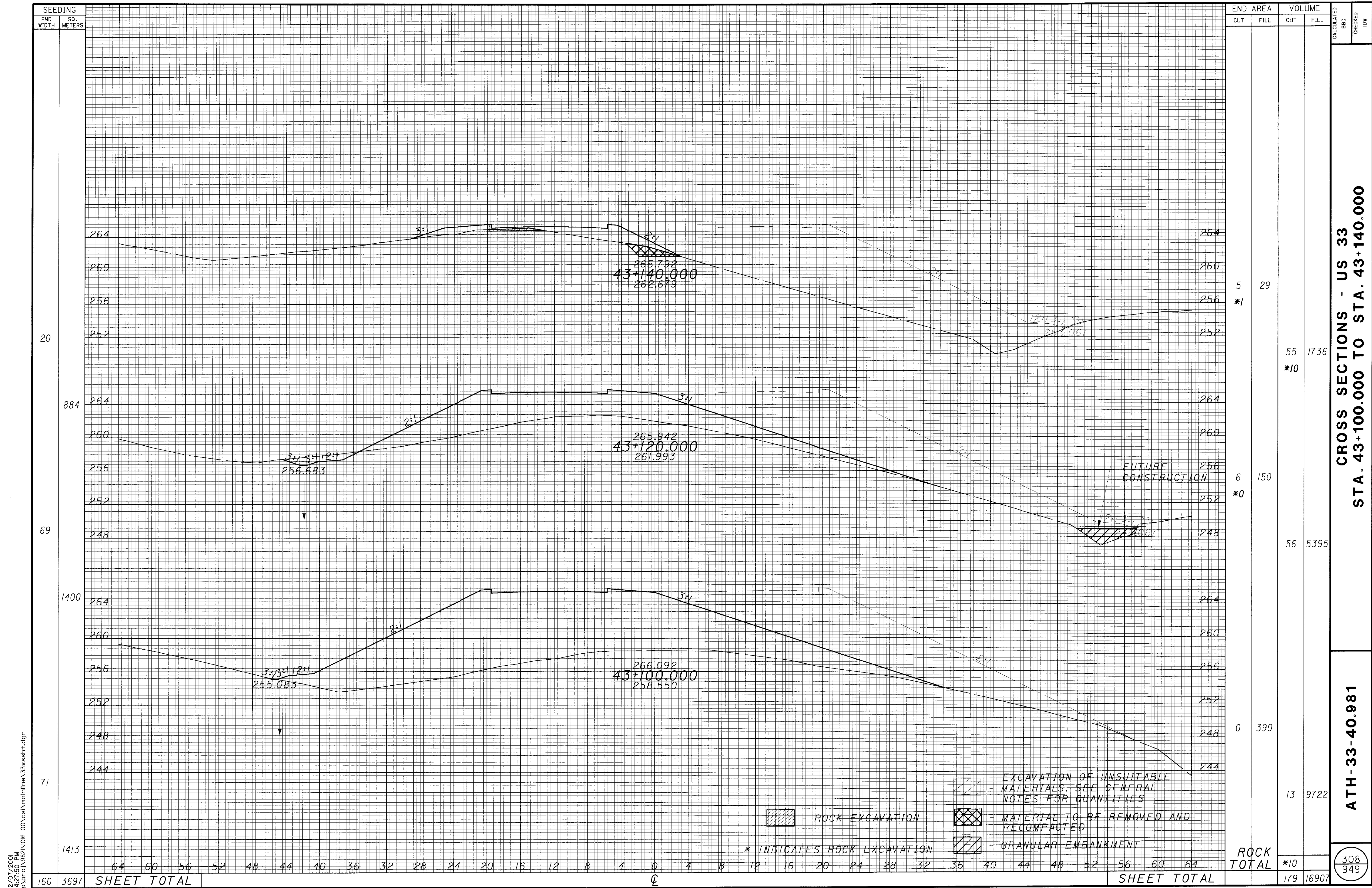
- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

1	582		
13	14444		
0	862		
70	22870		
ROCK TOTAL			
83	37314		

151 3558 SHEET TOTAL

SHEET TOTAL

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END STA.	END AREA		VOLUME		CALCULATED	CHECKED
	CUT	FILL	CUT	FILL		
5		29				
*1						
55		1736				
*10						
6		150				
*0						
56		5395				
0		390				
13		9722				
ROCK TOTAL						
*10						
179		16907				

CROSS SECTIONS - US 33
STA. 43+100.000 TO STA. 43+140.000

ATH-33-40.981

308
 949

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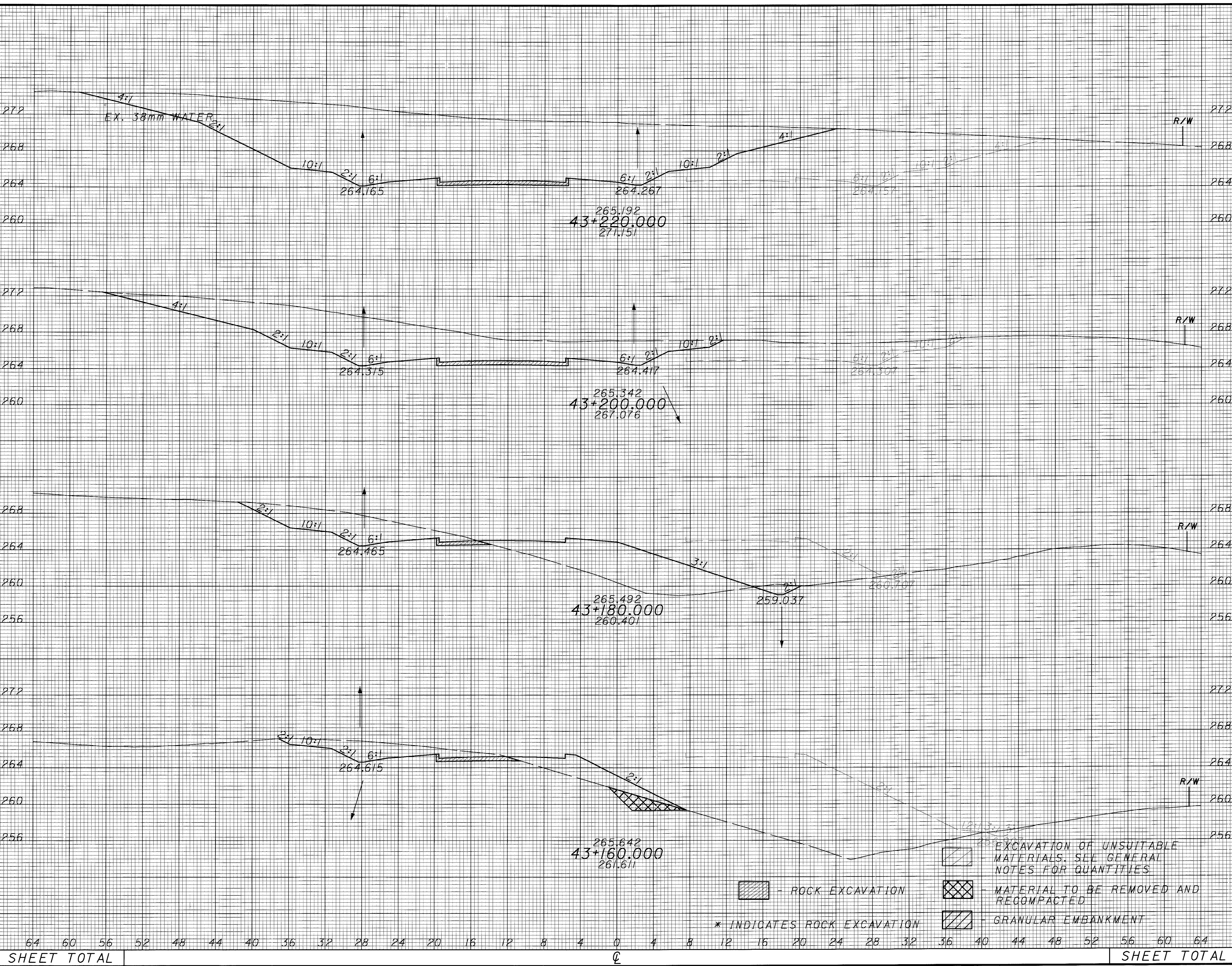
SEEDING	
END WIDTH	SO. METERS
160	3697

64	60	56	52	48	44	40	36	32	28	24	20	16	12	8	4	0	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64
SHEET TOTAL																	SHEET TOTAL															

Q

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SEEDING	END WIDTH	SO. METERS	END AREA		VOLUME	
			CUT	FILL	CUT	FILL
	64	60				
	56	52				
	48	44				
	40	36				
	32	28				
	24	20				
	16	12				
	8	4				
	0	0				
	4	8				
	12	16				
	20	24				
	28	32				
	36	40				
	44	48				
	52	56				
	60	64				
SHEET TOTAL						



END AREA	VOLUME	CALCULATED	CHECKED		
				CUT	FILL
412	0				
*6					
		5916	0		
		*129			
180	0				
*6					
		2299	788		
		*88			
50	79				
*2					
		765	1022		
		*61			
31	28				
*4					
		360	570		
		*52			
ROCK TOTAL		*330			
SHEET TOTAL		9340	2380		

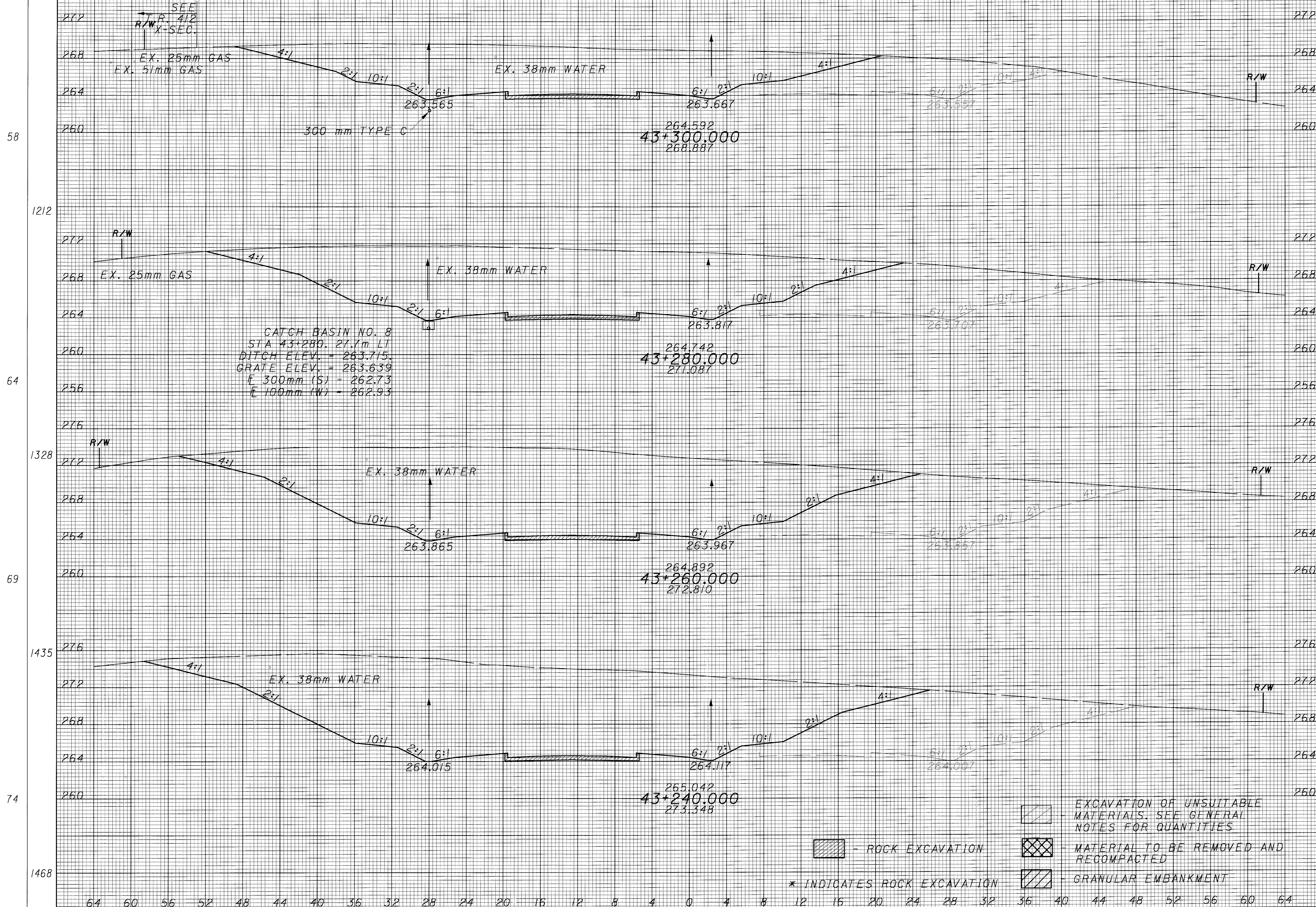
**CROSS SECTIONS - US 33
STA. 43+160.000 TO STA. 43+220.000**

ATH-33-40.981

309
949

SEEDING
END SO.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BY TDW
CHECKED
BY TDW



END AREA	VOLUME	CALCULATED	CHECKED
CUT	FILL	BY	BY
263	0		
*6			
6473	0		
*129			
384	0		
*6			
8969	0		
*129			
513	0		
*6			
10800	0		
*129			
567	0		
*6			
9794	0		
*129			
ROCK TOTAL			
*516			
36036	0		

EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES

ROCK EXCAVATION

MATERIAL TO BE REMOVED AND RECOMPACTED

GRANULAR EMBANKMENT

* INDICATES ROCK EXCAVATION

CROSS SECTIONS - US 33
STA. 43+240.000 TO STA. 43+300.000

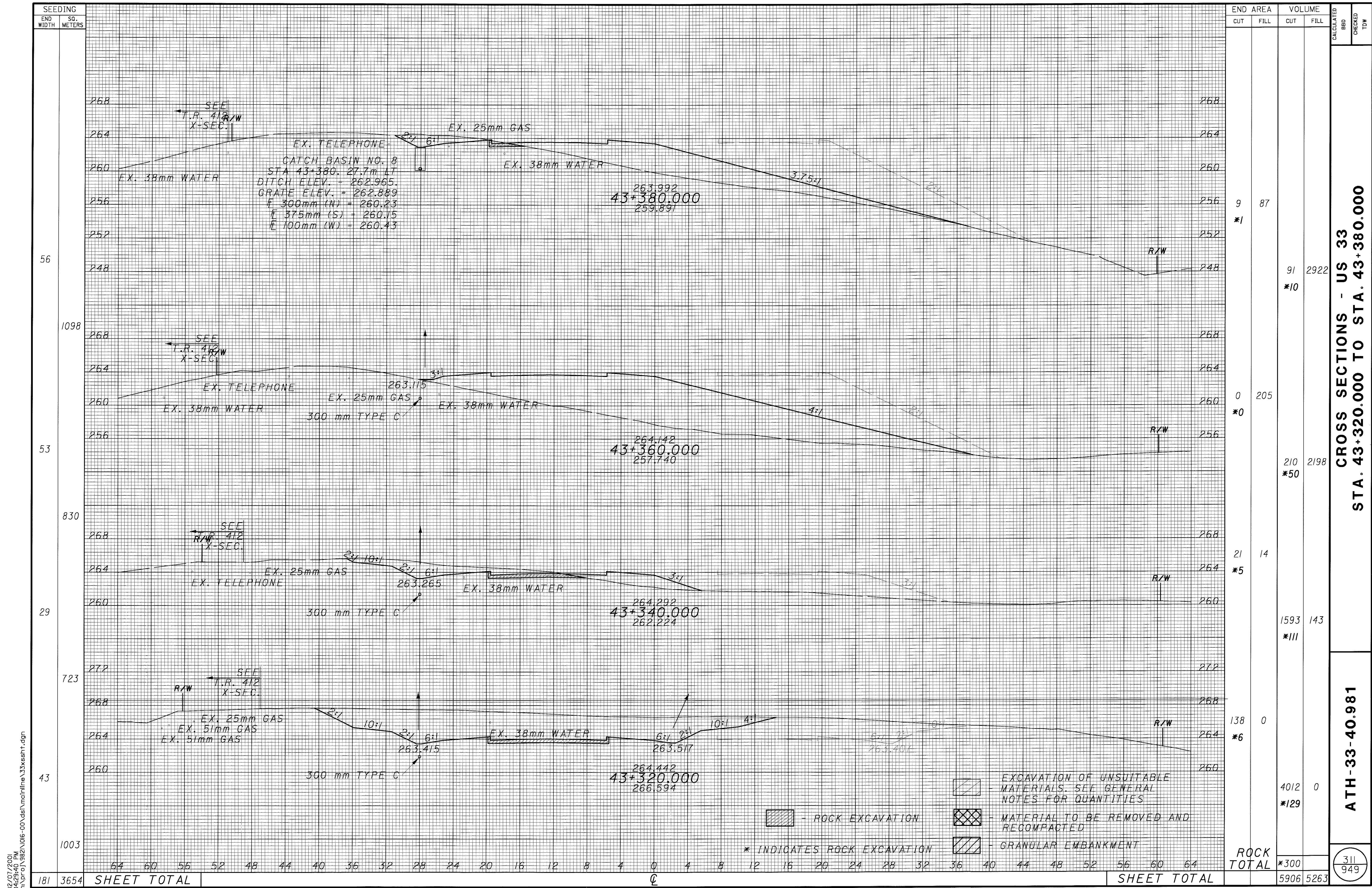
ATH-33-40.981

310
949

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265 5443 SHEET TOTAL

SHEET TOTAL



SEEDING	END SO.	
	WIDTH	METERS
	64	60
	56	52
	48	44
	40	36
	32	28
	24	20
	16	12
	8	4
	0	0
	4	8
	12	16
	20	24
	28	32
	36	40
	44	48
	52	56
	60	64
SHEET TOTAL	181	3654

END AREA	VOLUME		CALCULATED	CHECKED	TDW
	CUT	FILL			
	9	87			
	*1				
	91	2922			
	*10				
	0	205			
	*0				
	210	2198			
	*50				
	21	14			
	*5				
	1593	143			
	*111				
	138	0			
	*6				
	4012	0			
	*129				
ROCK TOTAL	*300				
SHEET TOTAL	5906	5263			

CROSS SECTIONS - US 33
STA. 43+320.000 TO STA. 43+380.000

ATH-33-40.981

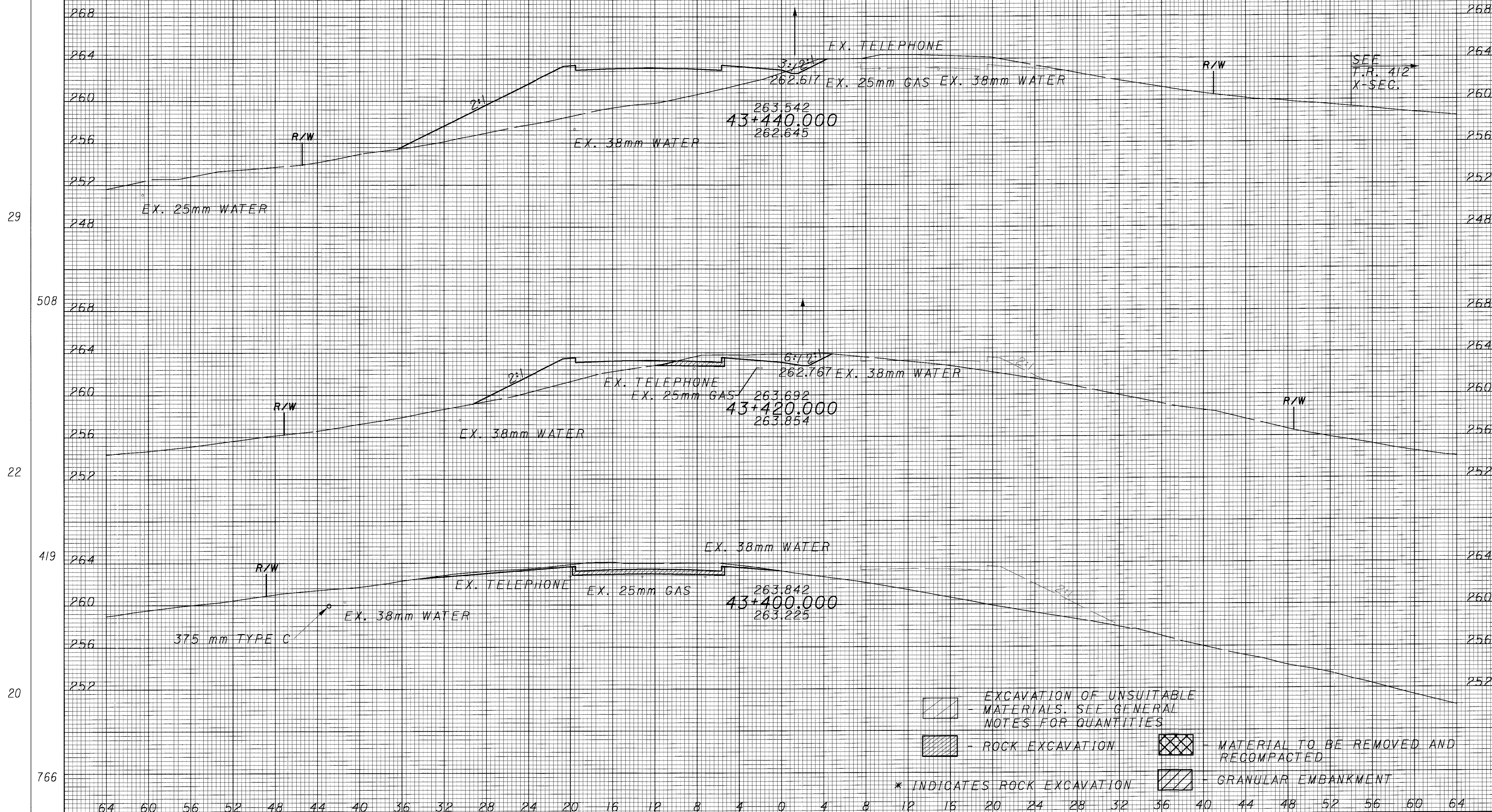
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- ROCK EXCAVATION
 - MATERIAL TO BE REMOVED AND RECOMPACTED
 - GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

SEEDING
END SQ.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BDD
CHECKED
TDW



EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
 ROCK EXCAVATION
 MATERIAL TO BE REMOVED AND RECOMPACTED
 GRANULAR EMBANKMENT
 * INDICATES ROCK EXCAVATION

STATION	END AREA		VOLUME	
	CUT	FILL	CUT	FILL
1 *0		98		
2 *20		99	1192	
8 *2		22		
204 *89		204	216	
12 *6		0		
210 *78		210	867	
ROCK TOTAL		*187		
SHEET TOTAL		502	2275	

CROSS SECTIONS - US 33
 STA. 43+400.000 TO STA. 43+440.000

ATH-33-40.981

312
 949

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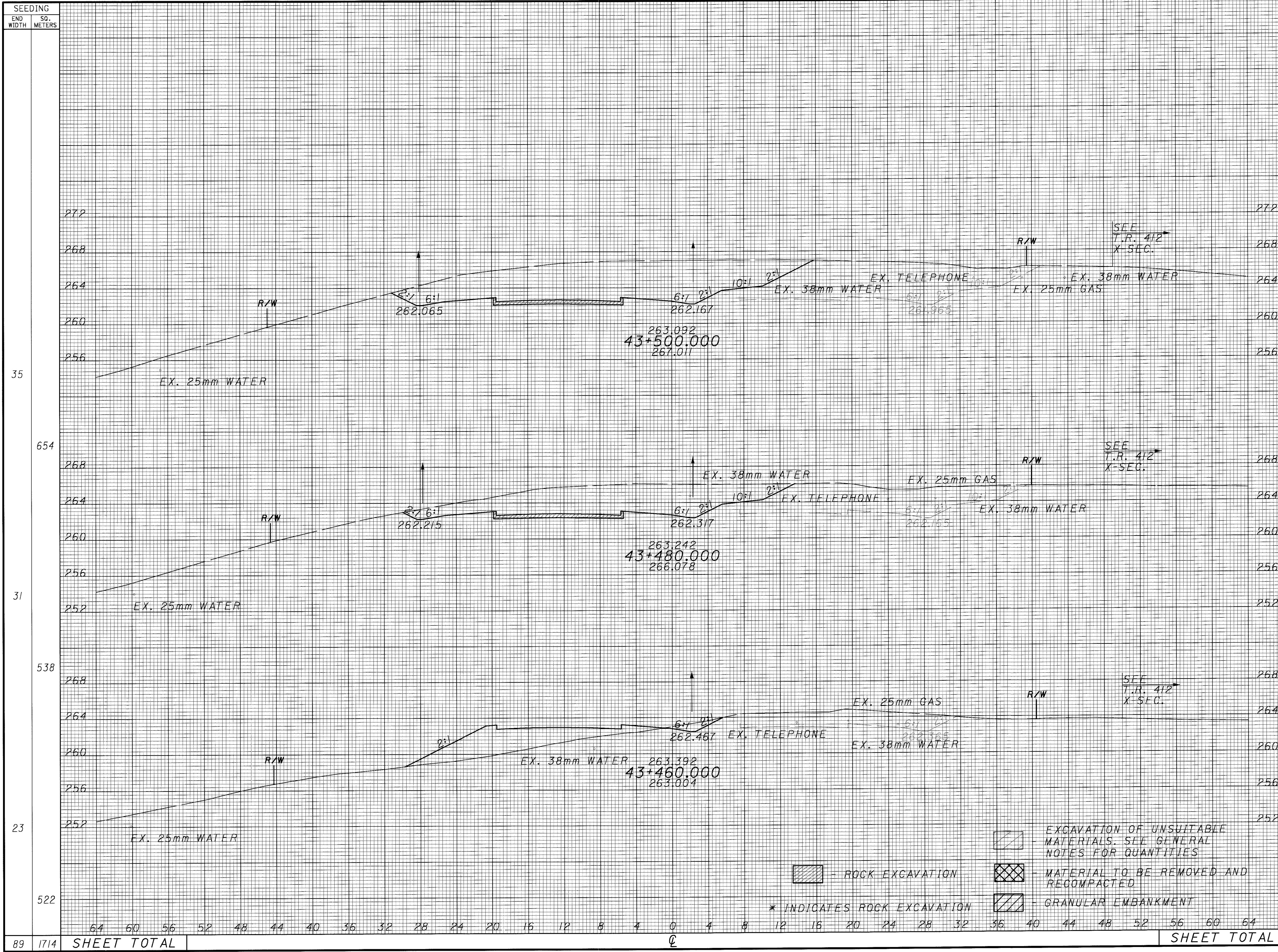
71 1693 SHEET TOTAL

SHEET TOTAL

Q

SEEDING
END SO.
WIDTH SQ.
METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
CHECKED
TDW



STATION	END AREA		VOLUME	
	CUT	FILL	CUT	FILL
272				
268				
264				
260	153	0		
256	*6			
252			2539	0
248			*129	
244				
240				
236				
232				
228				
224				
220				
216				
212				
208				
204				
200				
196				
192				
188				
184				
180				
176				
172				
168				
164				
160				
156				
152				
148				
144				
140				
136				
132				
128				
124				
120				
116				
112				
108				
104				
100				
96				
92				
88				
84				
80				
76				
72				
68				
64				
60				
56				
52				
48				
44				
40				
36				
32				
28				
24				
20				
16				
12				
8				
4				
0				
4				
8				
12				
16				
20				
24				
28				
32				
36				
40				
44				
48				
52				
56				
60				
64				
ROCK TOTAL			*189	
SHEET TOTAL			3621	1899

CROSS SECTIONS - US 33
STA. 43+460.000 TO STA. 43+500.000

ATH-33-40.981

313
949

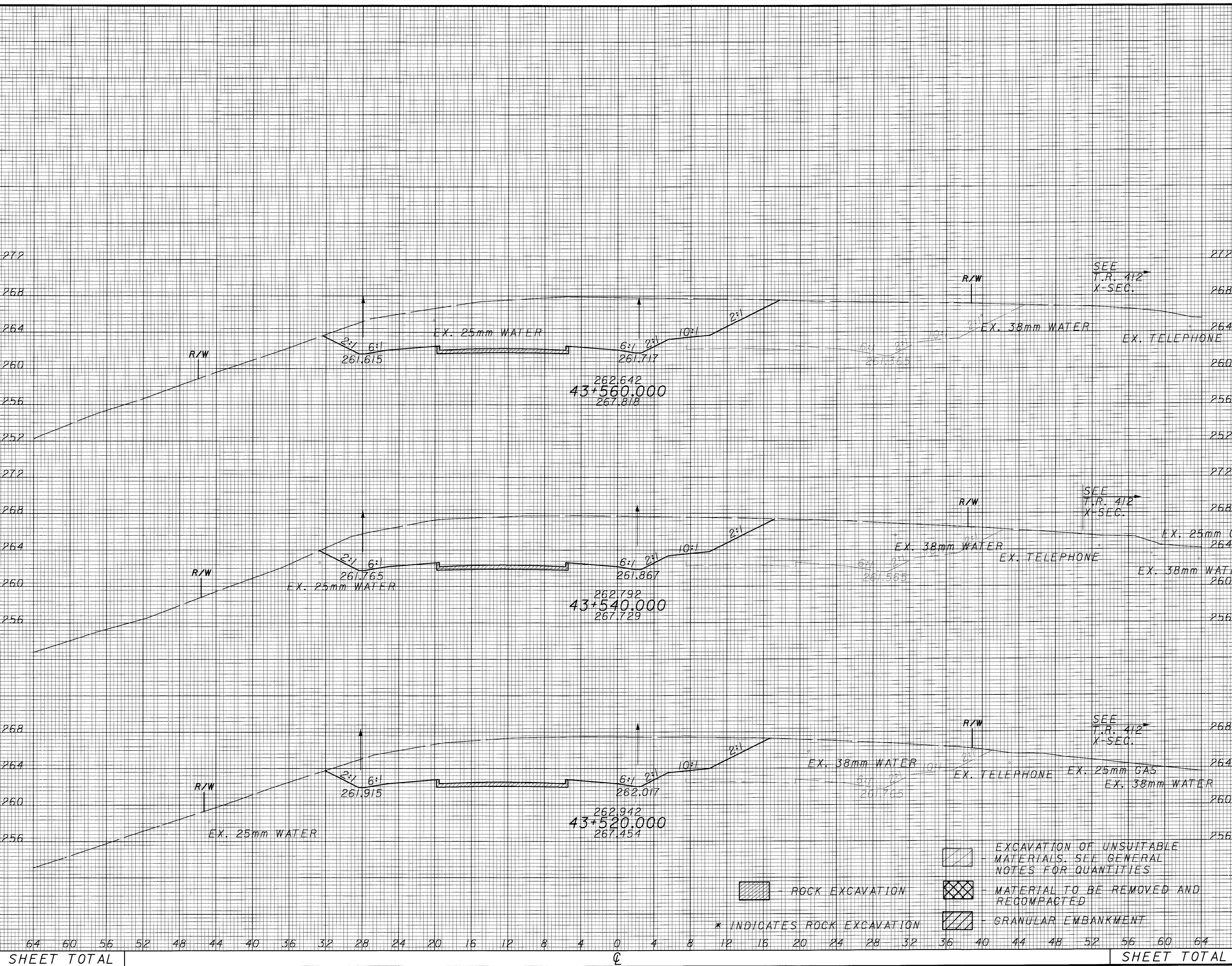
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89 1714 SHEET TOTAL

SHEET TOTAL

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SEEDING	END SO.	
	WIDTH	METERS
	64	60
	56	52
	48	44
	40	36
	32	28
	24	20
	16	12
	8	4
	0	0
	4	8
	12	16
	20	24
	28	32
	36	40
	44	48
	52	56
	60	64



END AREA	VOLUME	
	CUT	FILL
212	0	
*6		
4237	0	
*129		
212	0	
*6		
3981	0	
*129		
186	0	
*6		
3395	0	
*129		
ROCK TOTAL	*387	
SHEET TOTAL	11613	0

- EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

CROSS SECTIONS - US 33
 STA. 43+520.000 TO STA. 43+560.000

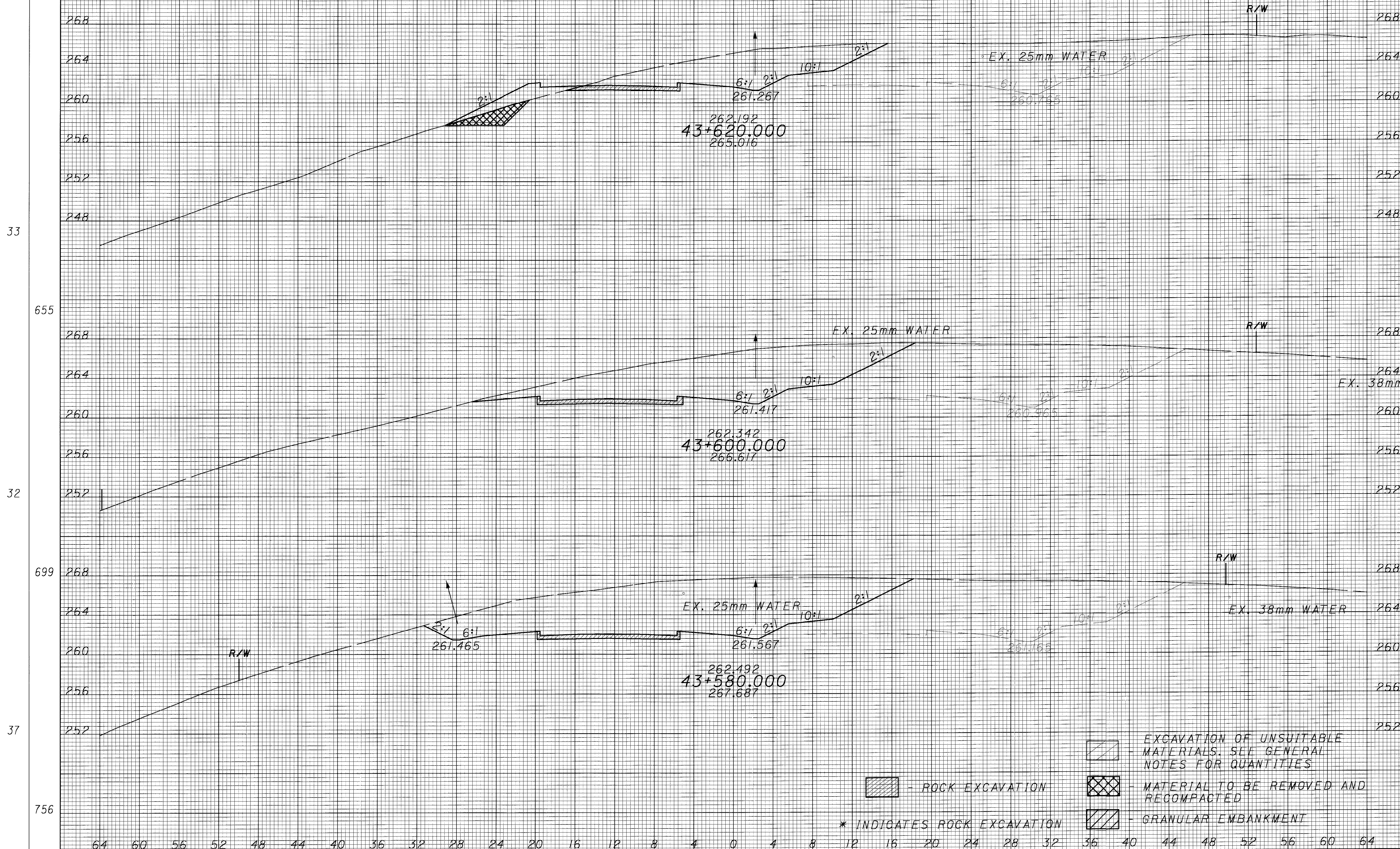
ATH-33-40.981

CALCULATED
 BBD
 CHECKED
 TDW

314
 949

SEEDING
END SQ.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BBD
CHECKED
TDW



STATION	CUT	FILL	ROCK TOTAL
43+620.000	71	15	
43+600.000	130	0	
43+580.000	195	0	
TOTAL	396	15	374

CROSS SECTIONS - US 33
STA. 43+580.000 TO STA. 43+620.000

ATH-33-40.981

315
949

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102 2110

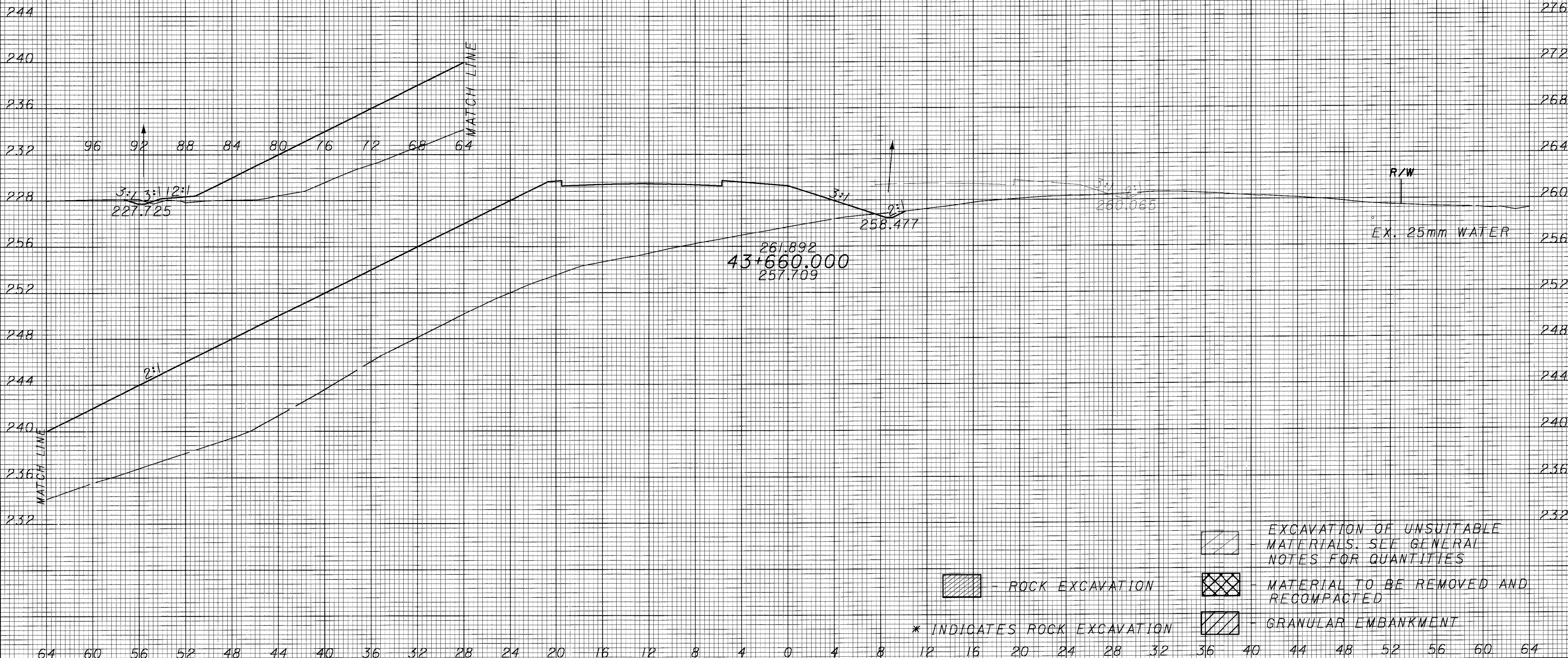
SHEET TOTAL

SHEET TOTAL

9319 150

SEEDING
END SO.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BBO
CHECKED
TDW



END AREA	VOLUME
CUT	FILL
1	565
*0	
403	7140
*10	
ROCK TOTAL	
*10	
403	7140

CROSS SECTIONS - US 33
STA. 43+660.000

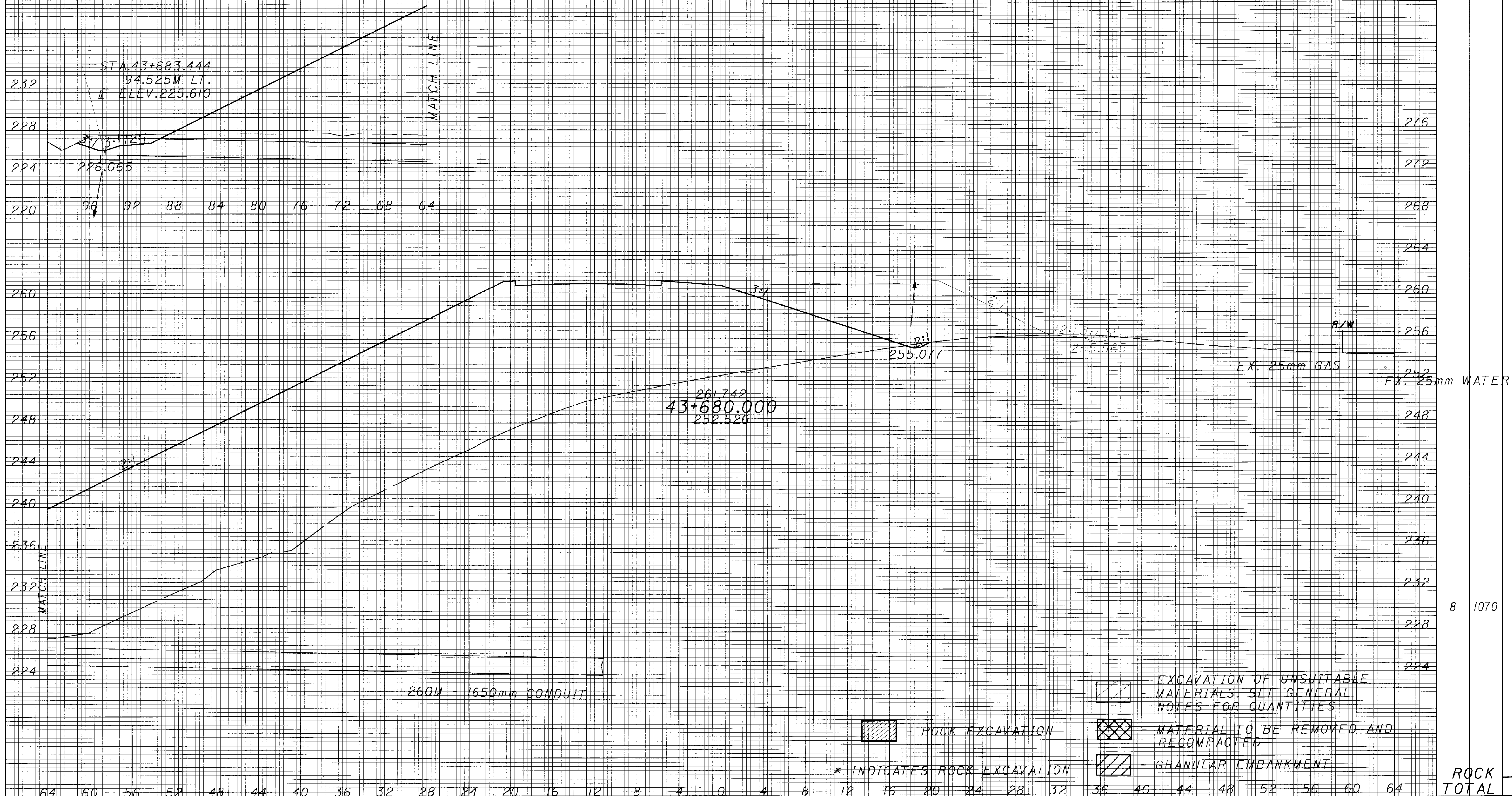
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317
949

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SEEDING
END WIDTH SQ. METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BBO
CHECKED
TDW



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113
2110
113 2110

64	60	56	52	48	44	40	36	32	28	24	20	16	12	8	4	0	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64
SHEET TOTAL																	SHEET TOTAL															

- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION
- EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES

ROCK TOTAL	8	1070
SHEET TOTAL	91	16344

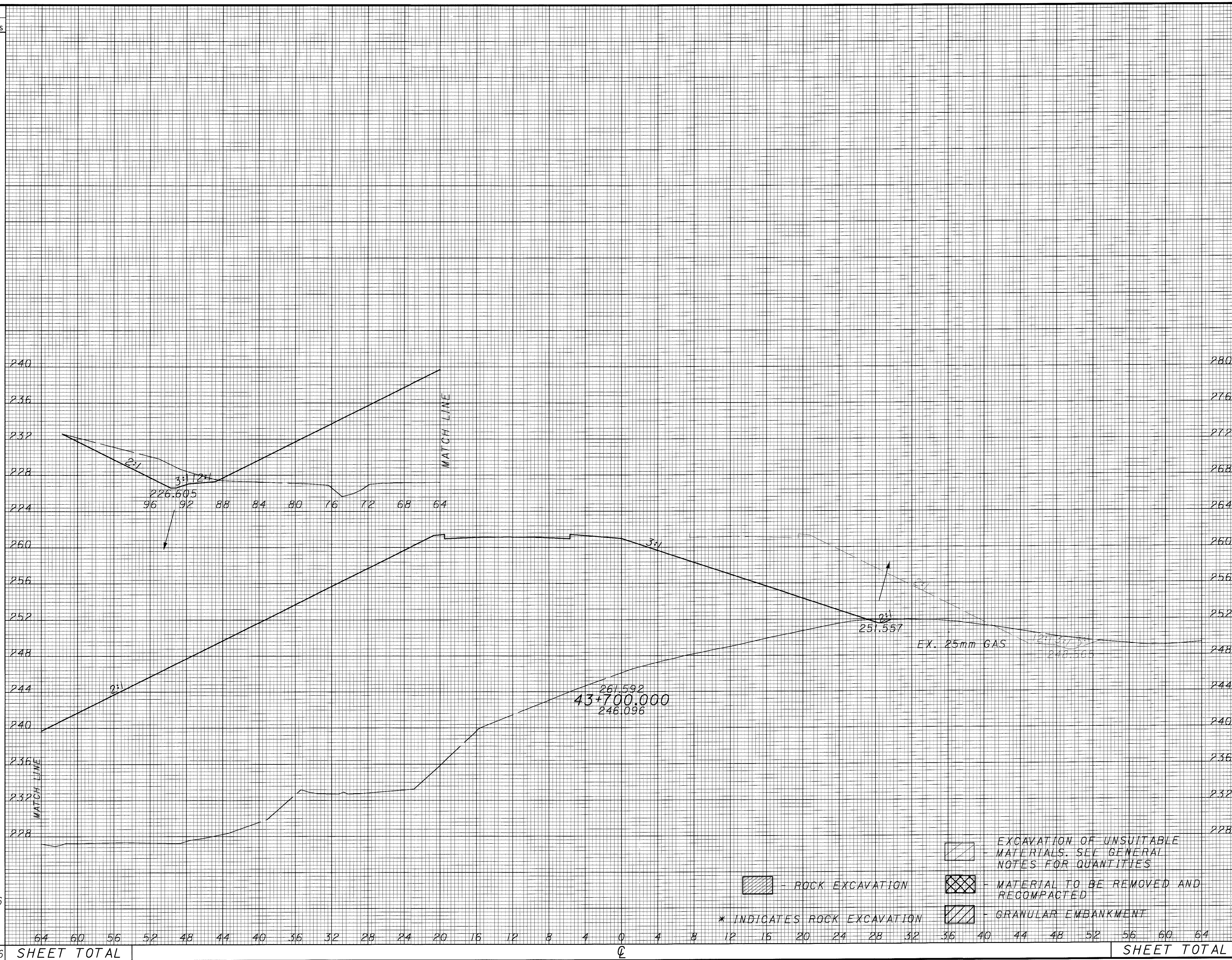
CROSS SECTIONS - US 33
STA. 43+680.000

ATH-33-40.981

318
949

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SEEDING	
END WIDTH	SO. METERS
64	2456
60	
56	
52	
48	
44	
40	
36	
32	
28	
24	
20	
16	
12	
8	
4	
0	
4	
8	
12	
16	
20	
24	
28	
32	
36	
40	
44	
48	
52	
56	
60	
64	
SHEET TOTAL	



END AREA	VOLUME	CALCULATED	CHECKED
24	1652		
		318	27216
ROCK TOTAL			
		318	27216
SHEET TOTAL			

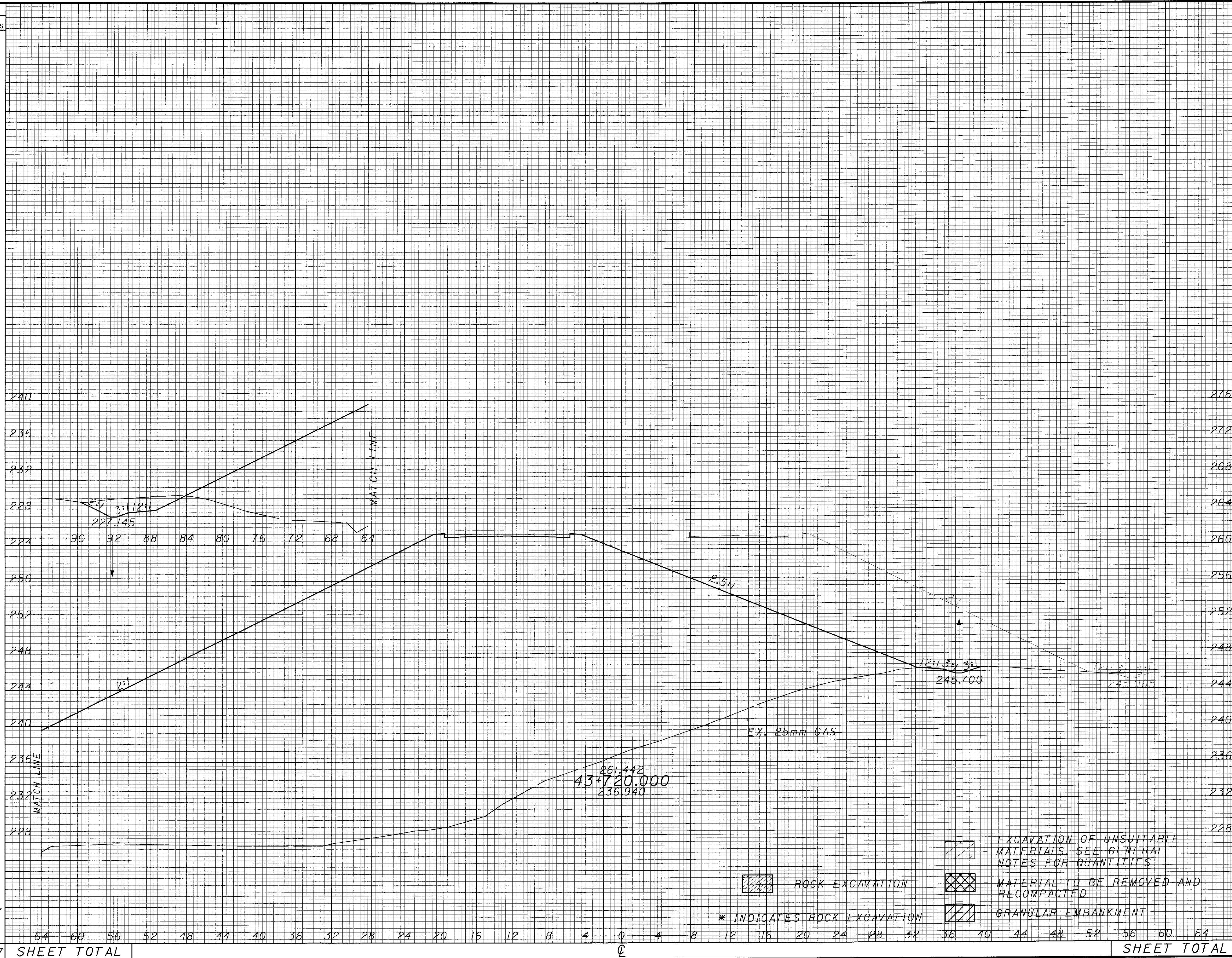
CROSS SECTIONS - US 33
 STA. 43+700.000

ATH-33-40.981

319
 949

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SEEDING	
END WIDTH	SO. METERS
133	2657
133	2657



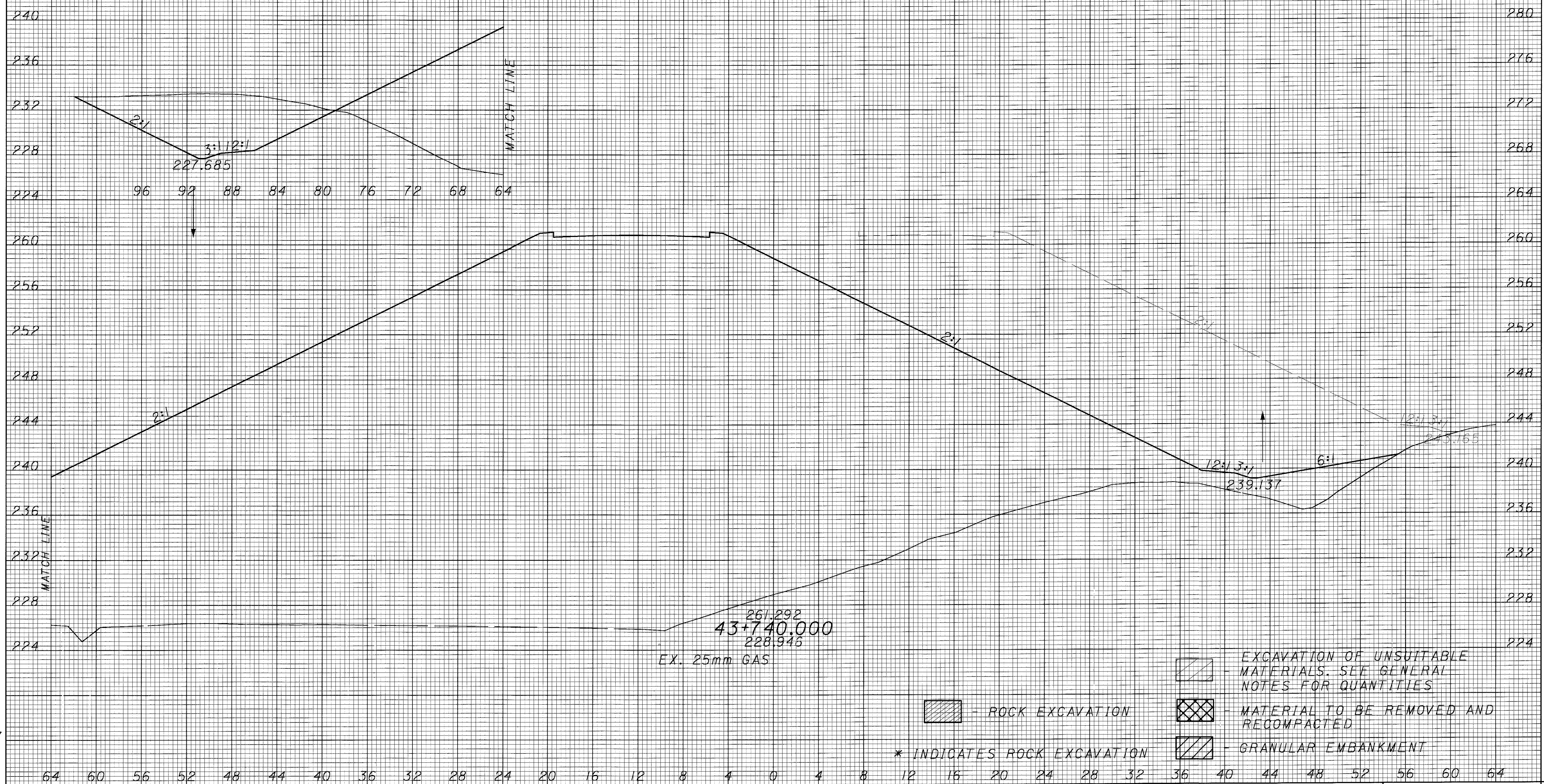
END AREA		VOLUME	
CUT	FILL	CUT	FILL
16	2079		
		402	37314
ROCK TOTAL			
		402	37314

CROSS SECTIONS - US 33
STA. 43+720.000
ATH-33-40.981
 CALCULATED BBD
 CHECKED TDW
 320
 949

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SEEDING
 END SQ.
 WIDTH METERS

END AREA VOLUME
 CUT FILL CUT FILL
 CALCULATED
 BDD
 CHECKED
 TDW



261.292
 43+740.000
 228.946
 EX. 25mm GAS

- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES

75	2428	916	45077
ROCK TOTAL			
SHEET TOTAL		916	45077

CROSS SECTIONS - US 33
 STA. 43+740.000

ATH-33-40.981

321
 949

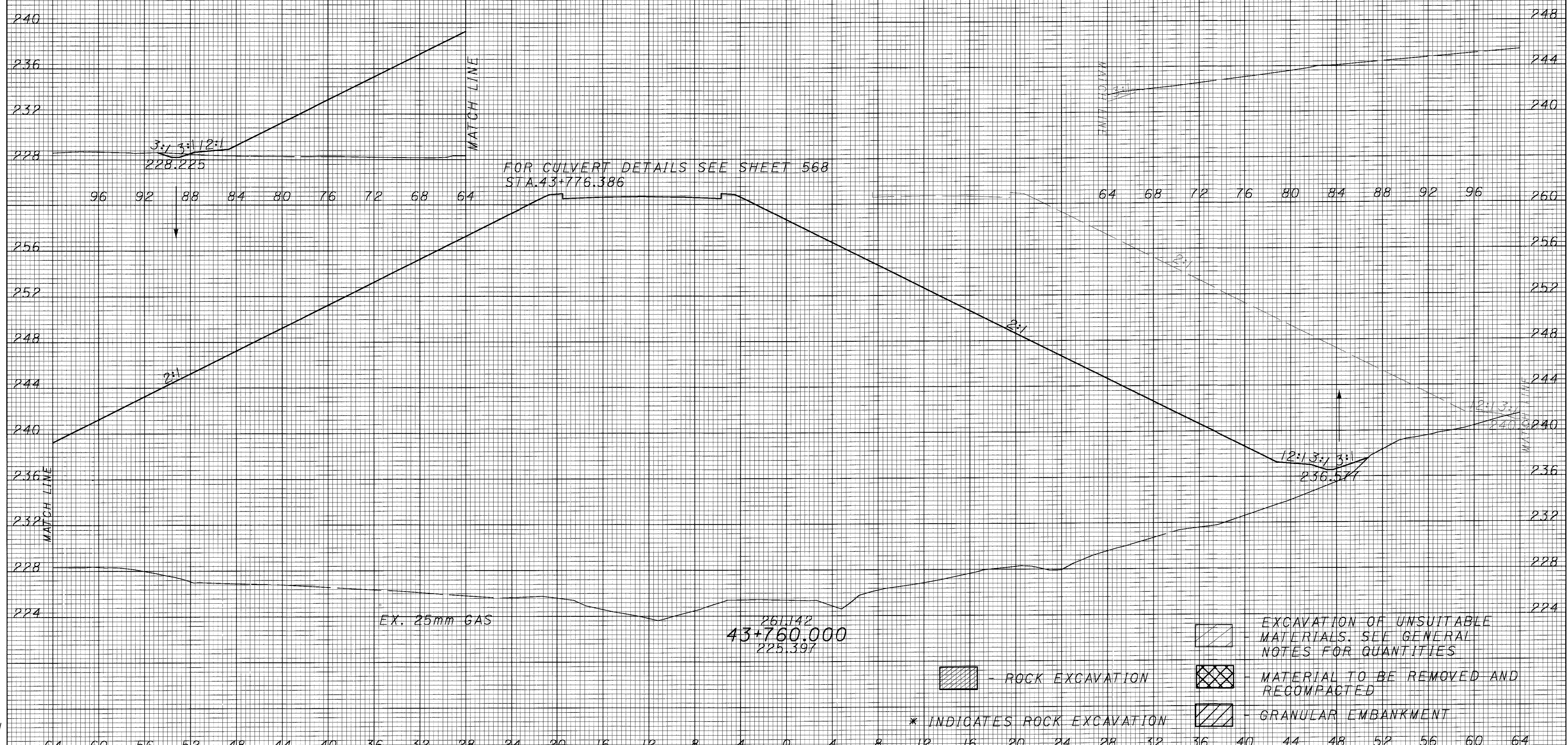
158 2907 SHEET TOTAL

SHEET TOTAL

916 45077

SEEDING
END WIDTH SO. METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BED
CHECKED
TDW



- ROCK EXCAVATION
 - EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
 - MATERIAL TO BE REMOVED AND RECOMPACTED
 - GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

141 2991

ROCK TOTAL 1 2712
759 51399

CROSS SECTIONS - US 33
STA. 43+760.000

ATH-33-40.981

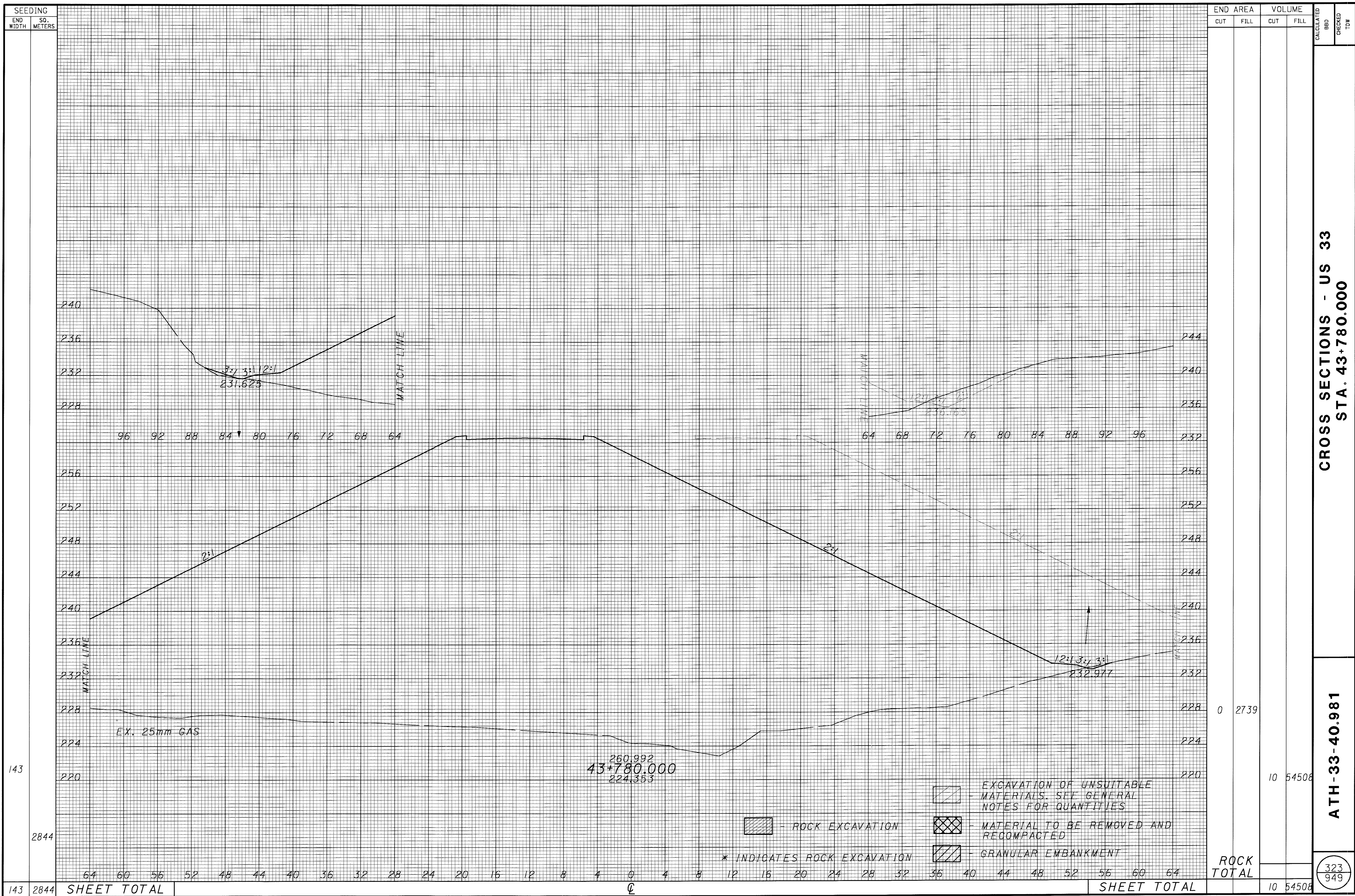
322
949

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SHEET TOTAL

SHEET TOTAL

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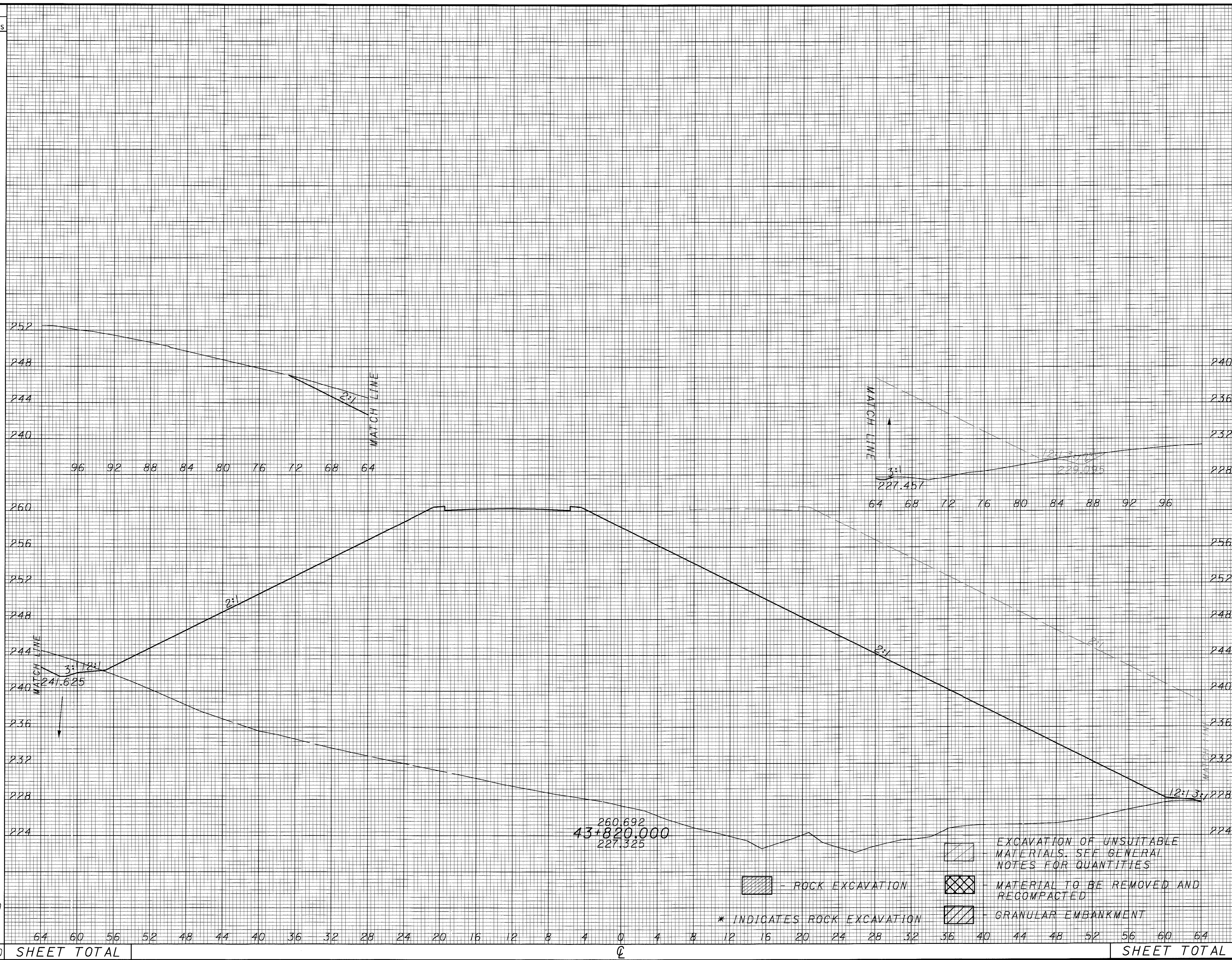
SEEDING	END AREA		VOLUME		CALCULATED BDD	CHECKED TDW
	END WIDTH	SO. METERS	CUT	FILL		
	143	2844				
SHEET TOTAL						
			10	54508		
			10	54508		
					323	949

CROSS SECTIONS - US 33
STA. 43+780.000

ATH-33-40.981

02/07/2001
04:33:55 PM
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SEEDING	
END WIDTH	SO. METERS
138	2780
SHEET TOTAL	



END AREA	VOLUME	CALCULATED	CHECKED				
				CUT	FILL	CUT	FILL
18	2306						
		298	47456				
ROCK TOTAL							
SHEET TOTAL		298	47456				

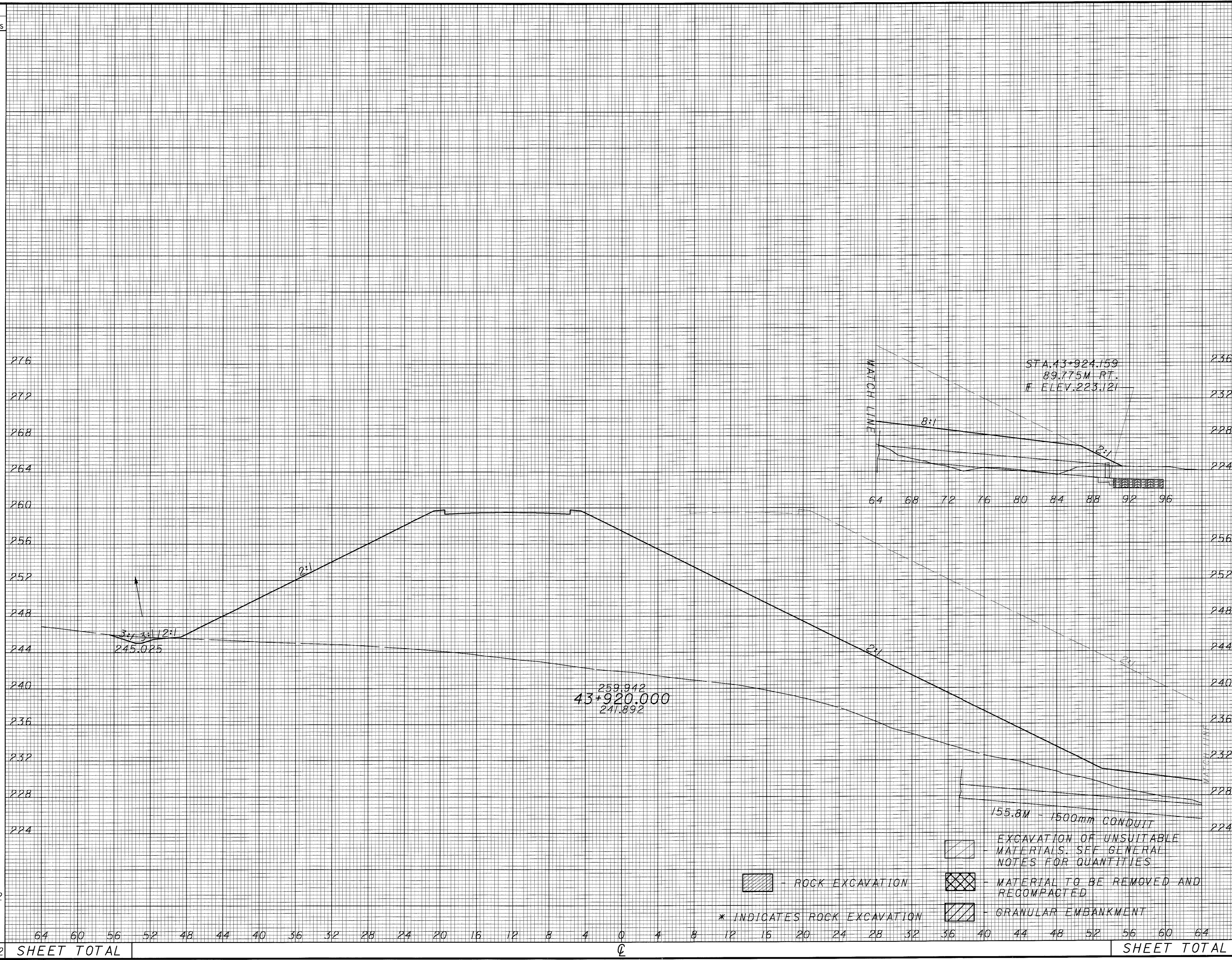
**CROSS SECTIONS - US 33
STA. 43+820.000**

ATH-33-40.981

325
949

02/07/2001
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SEEDING	
END WIDTH	SO. METERS
145	2442



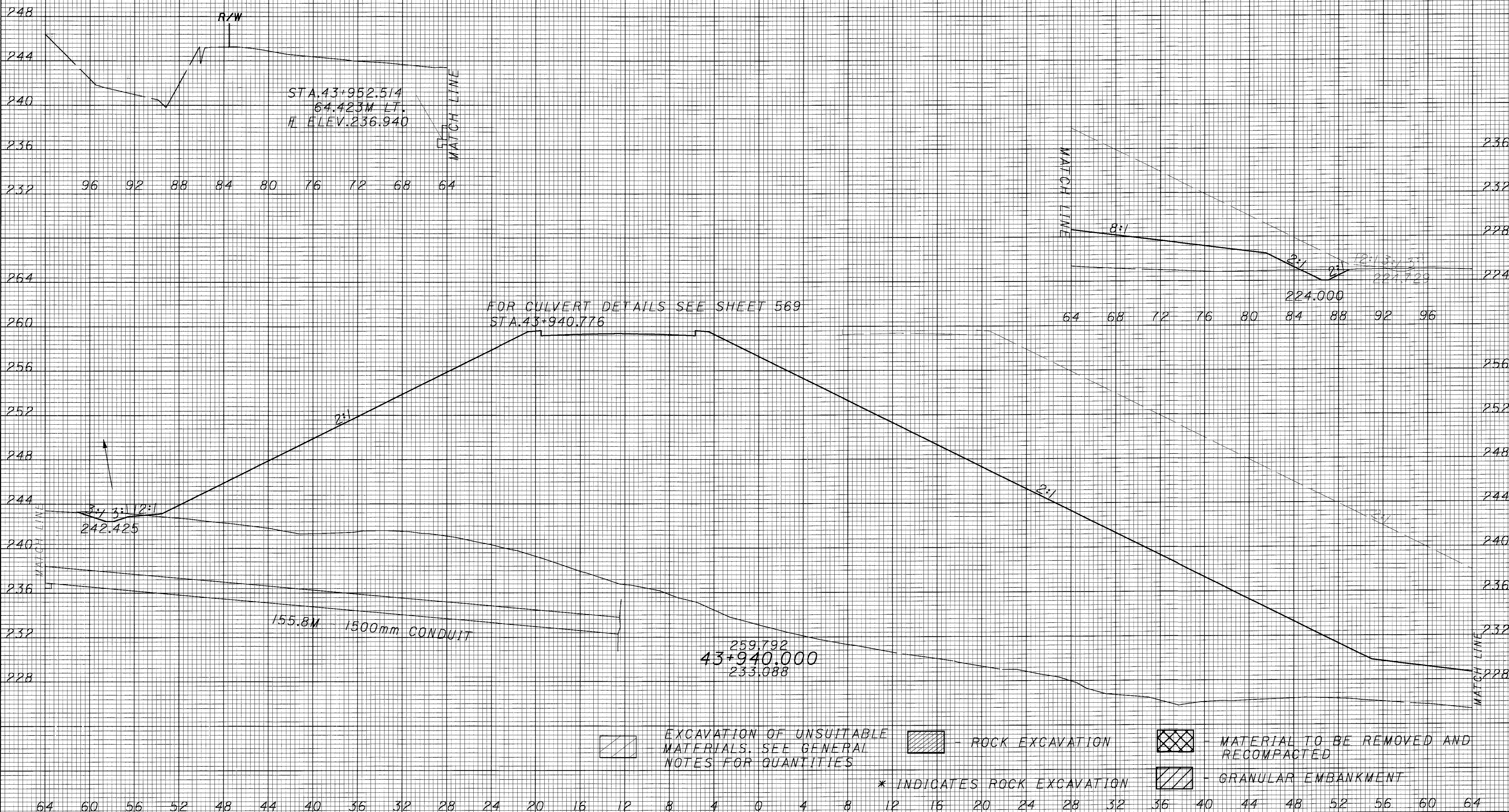
END AREA	VOLUME	
	CUT	FILL
	2	1075
	30	20302
ROCK TOTAL		
SHEET TOTAL	30	20302

CALCULATED BY: [blank]
 CHECKED BY: [blank]
CROSS SECTIONS - US 33
STA. 43+920.000
ATH-33-40.981
 330
 949

SEEDING
END SO.
WIDTH METERS

END AREA
CUT FILL
VOLUME
CUT FILL

CALCULATED
BBD
CHECKED
TDW



FOR CULVERT DETAILS SEE SHEET 569
STA. 43+940.776

155.8M 1500mm CONDUIT

- EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

5	1707		
		71	27820
ROCK TOTAL			
SHEET TOTAL		71	27820

CROSS SECTIONS - US 33
STA. 43+940.000

ATH-33-40.981

331
949

02/07/2001
4:35:57 PM
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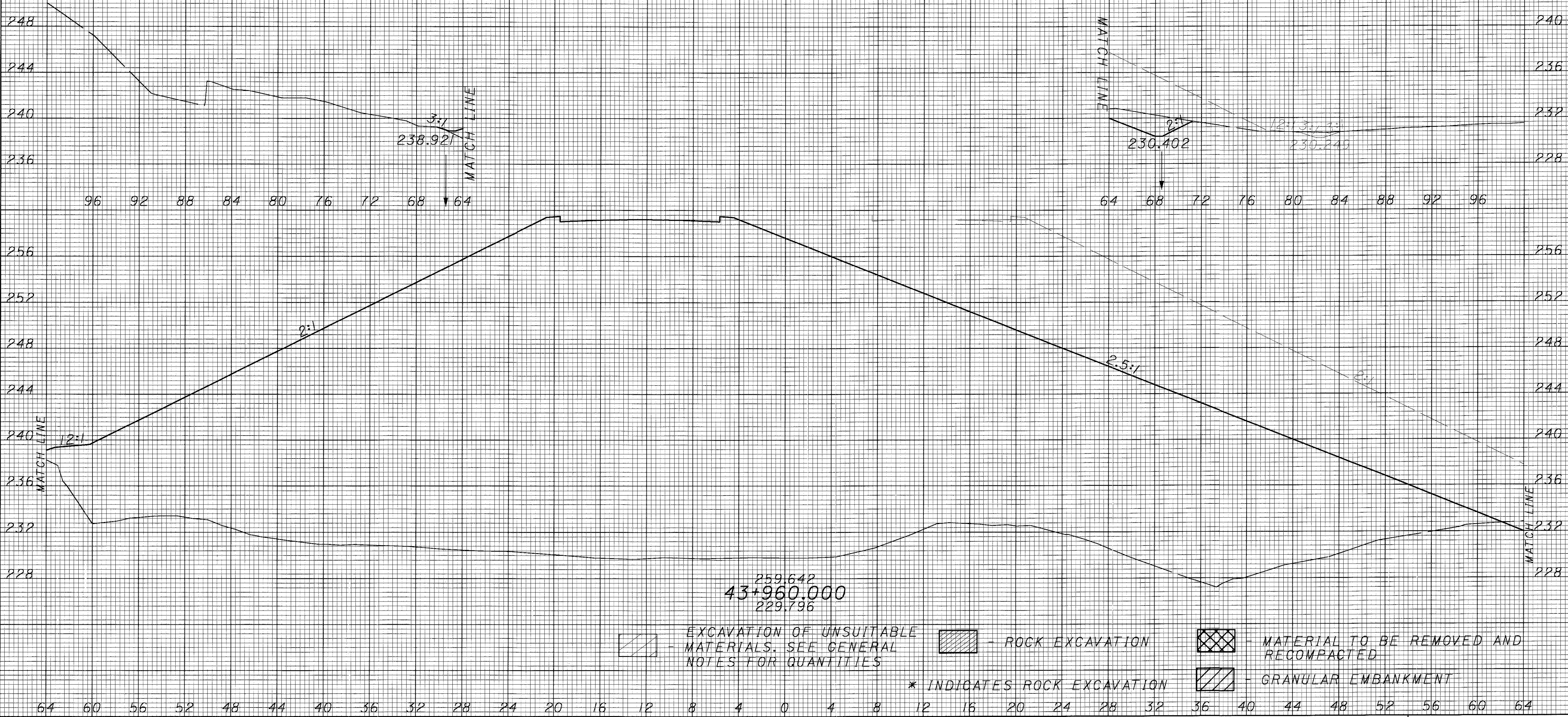
148 2934 SHEET TOTAL

Q

SHEET TOTAL

SEEDING
END SO.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BDD
CHECKED
TDW



CROSS SECTIONS - US 33
STA. 43+960.000

ATH-33-40.981

10	2230	147	39369
ROCK TOTAL			
SHEET TOTAL		147	39369

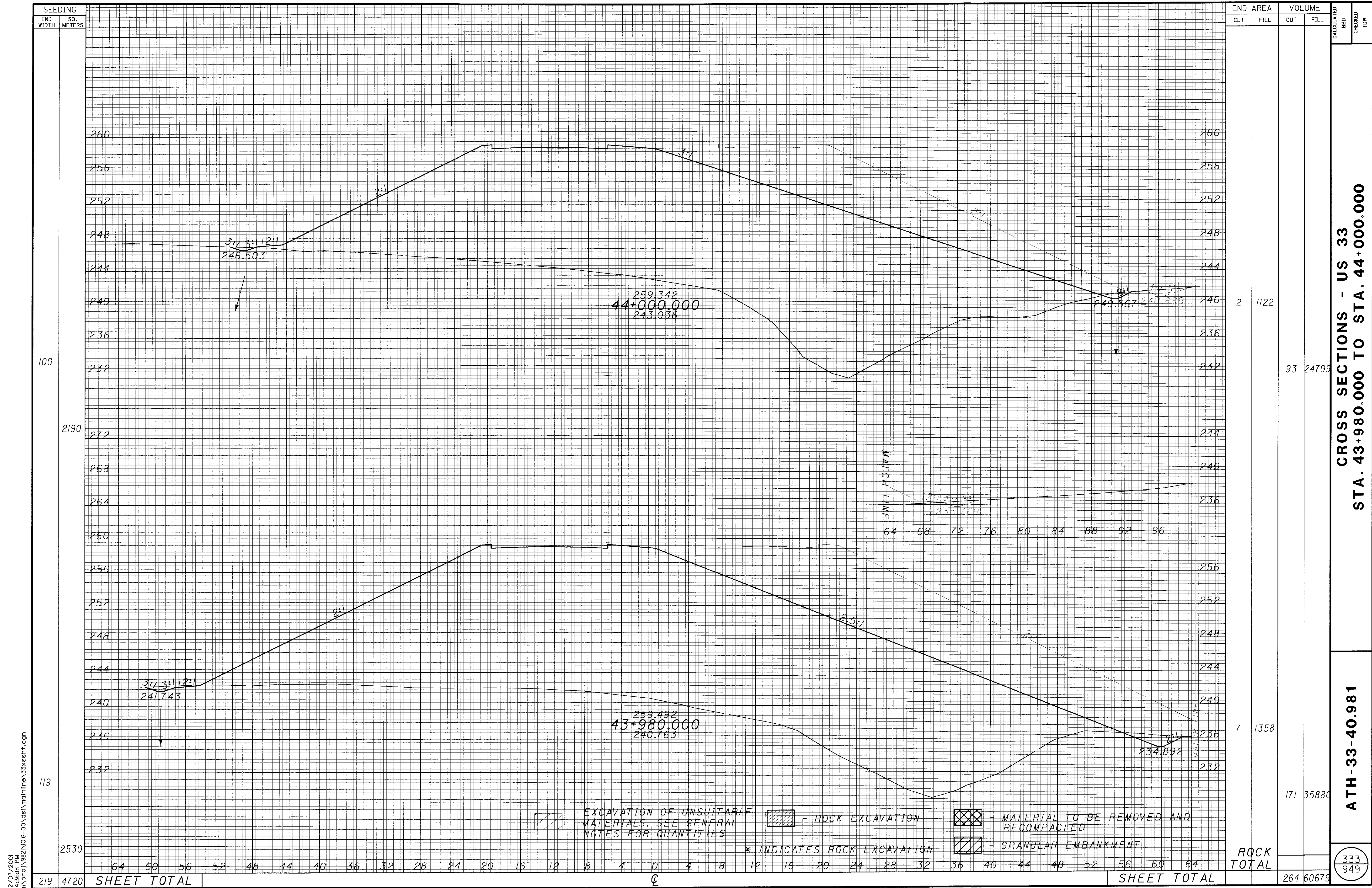
332
949

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134 2820 SHEET TOTAL

SHEET TOTAL

Q



CROSS SECTIONS - US 33
STA. 43+980.000 TO STA. 44+000.000

ATH-33-40.981

333
949

2	1122	93	24799	7	1358	171	35880
ROCK TOTAL							
SHEET TOTAL				SHEET TOTAL			
							264 60679

02/07/2001
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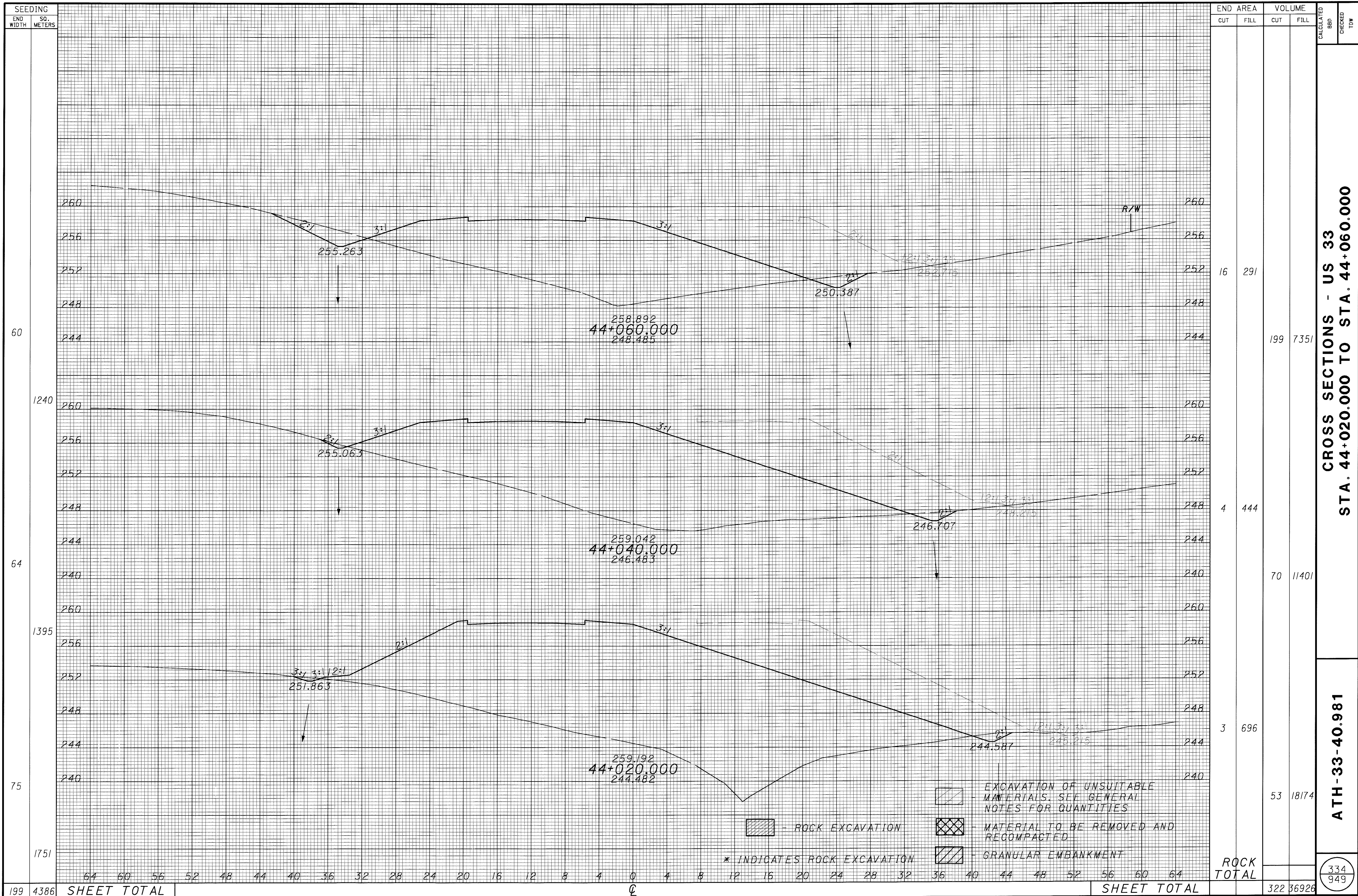
219 4720 **SHEET TOTAL**

CL

SHEET TOTAL

264 60679

02/07/2001
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SEEDING	
END WIDTH	SO. METERS
64	60
56	52
48	44
40	36
32	28
24	20
16	12
8	4
0	0
4	8
12	16
20	24
28	32
36	40
44	48
52	56
60	64

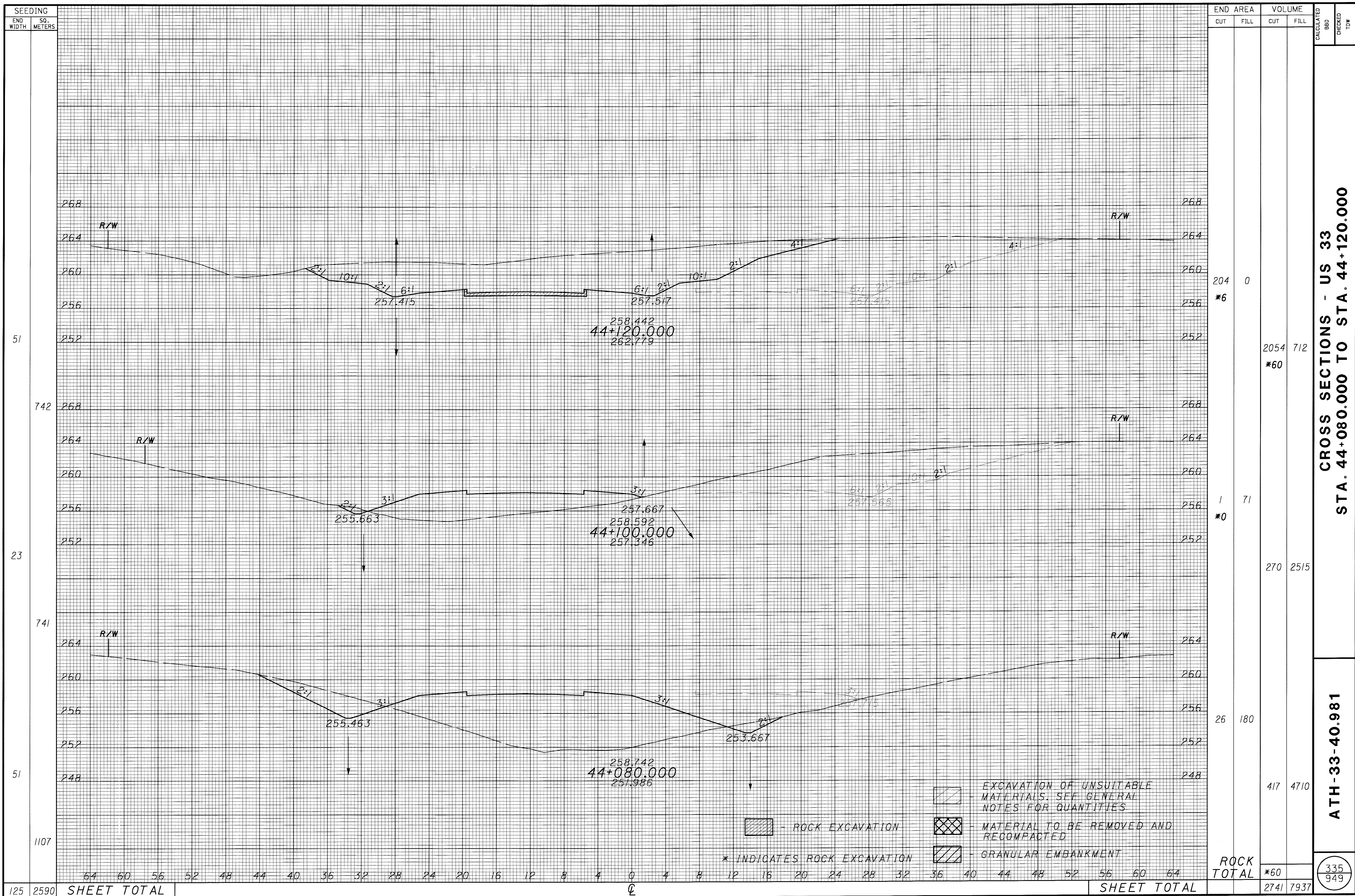
END AREA	VOLUME	CALCULATED	CHECKED		
				CUT	FILL
16	291				
199	7351				
4	444				
70	11401				
3	696				
53	18174				
ROCK TOTAL					
SHEET TOTAL		322	36926		

CROSS SECTIONS - US 33
 STA. 44+020.000 TO STA. 44+060.000

ATH-33-40.981

334
 949

02/07/2001
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SEEDING END WIDTH SO. METERS	END AREA		VOLUME		CALCULATED BDD	CHECKED TDW
	CUT	FILL	CUT	FILL		
51			204	0		
742			*60	712		
23			1	71		
741			*0	2515		
51			26	180		
1107			417	4710		
125	2590	SHEET TOTAL	ROCK TOTAL	*60	2741	7937

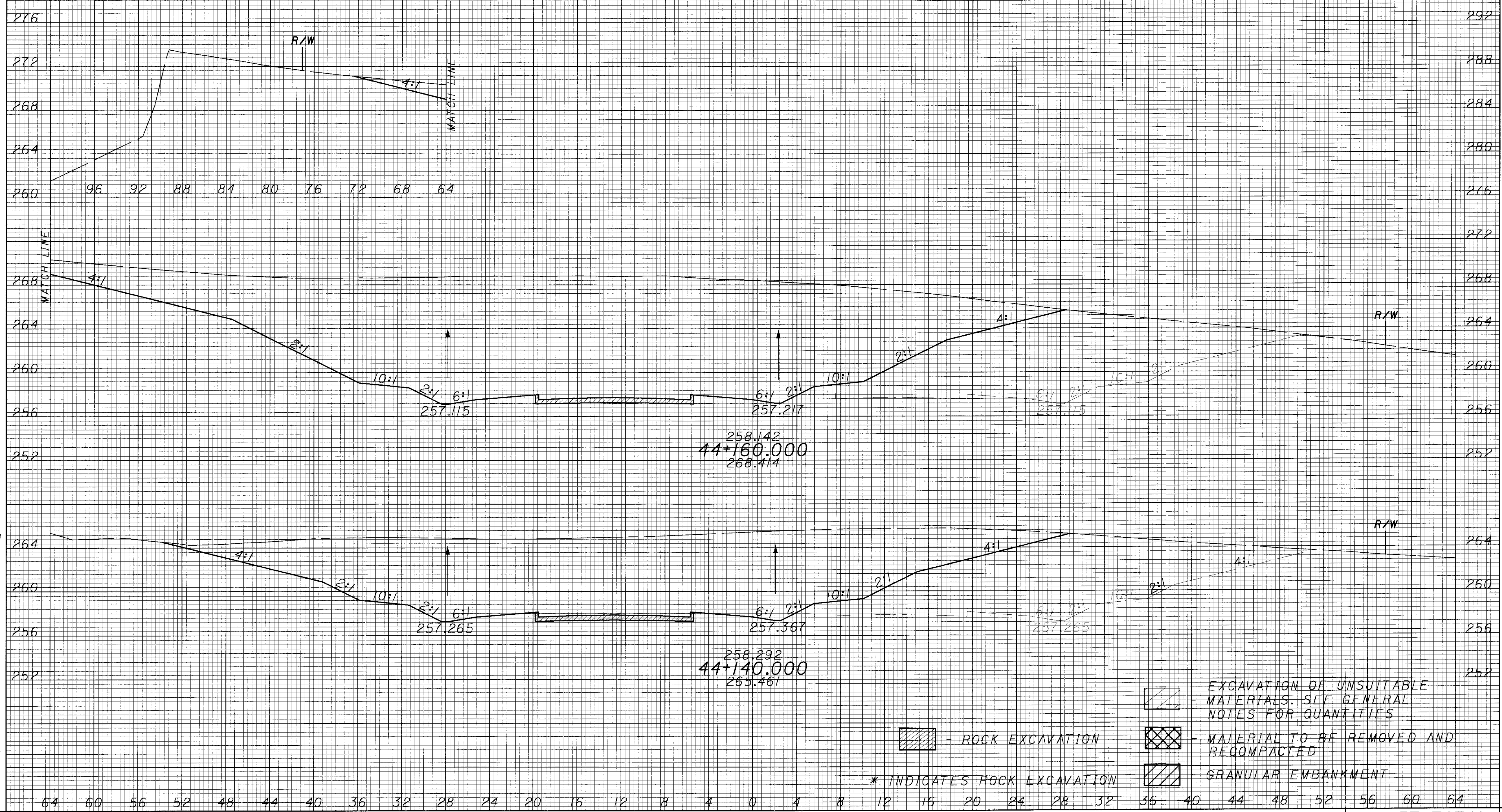
CROSS SECTIONS - US 33
 STA. 44+080.000 TO STA. 44+120.000

ATH-33-40.981

335
949

SEEDING
END SO.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BDD
CHECKED
TDW



END AREA	VOLUME
CUT	FILL
687	0
*6	
11080	0
*129	
421	0
*6	
6252	0
*129	
ROCK TOTAL	
*258	
17332	0

CROSS SECTIONS - US 33
STA. 44+140.000 TO STA. 44+160.000

ATH-33-40.981

336
949

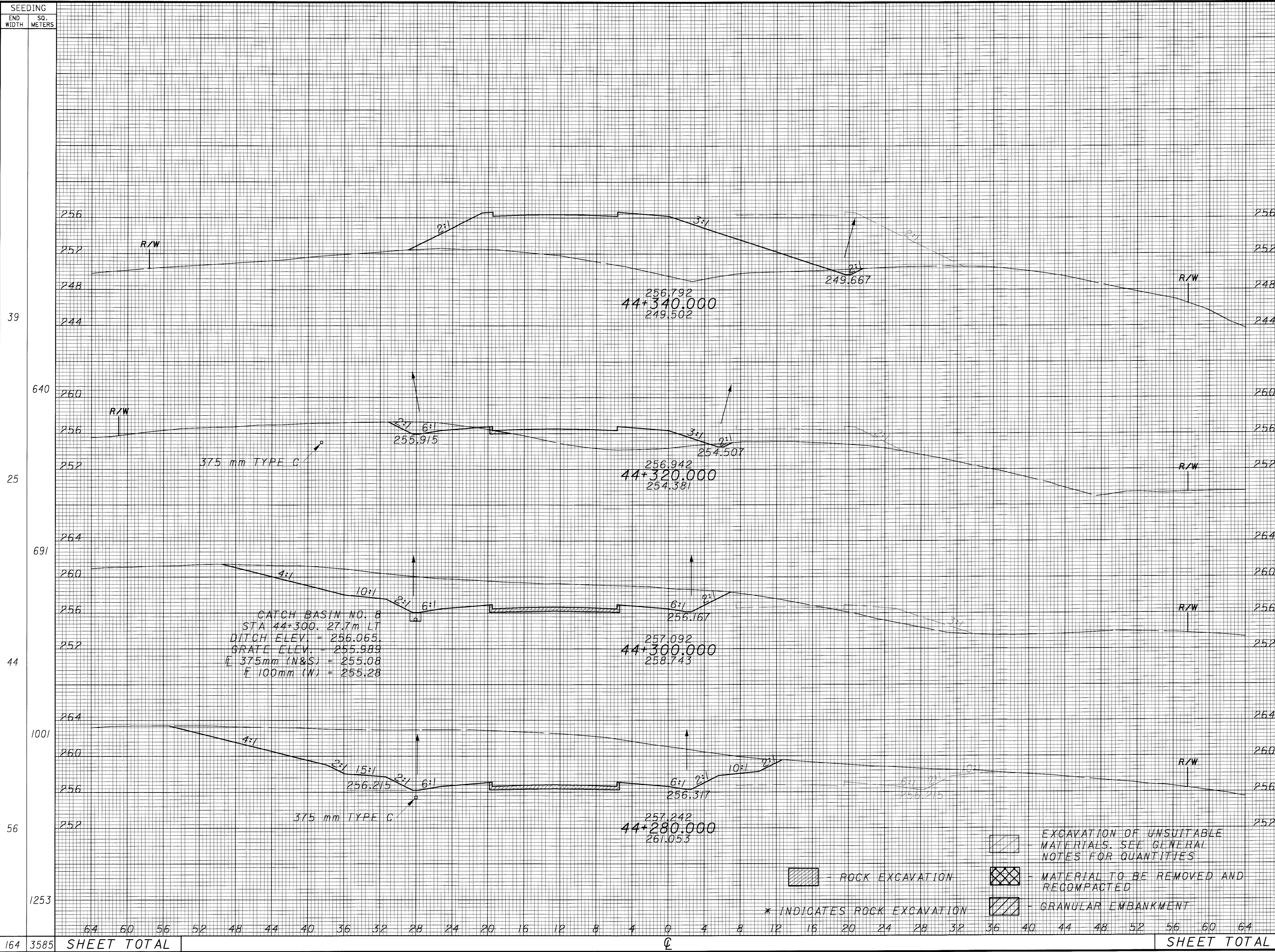
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163 2856 SHEET TOTAL

SHEET TOTAL

SEEDING
END SQ.
WIDTH METERS

END AREA
CUT FILL
VOLUME
CUT FILL
CALCULATED
BDD
CHECKED
TDW



STATION	END AREA		VOLUME	
	CUT	FILL	CUT	FILL
44+340.000	1	182	*0	2189
44+320.000	8	36	*1	365
44+300.000	133	0	*6	0
44+280.000	278	0	*6	0
ROCK TOTAL			*338	
SHEET TOTAL			12771	2554

**CROSS SECTIONS - US 33
STA. 44+280.000 TO STA. 44+340.000**

ATH-33-40.981

340
949

02/07/2001
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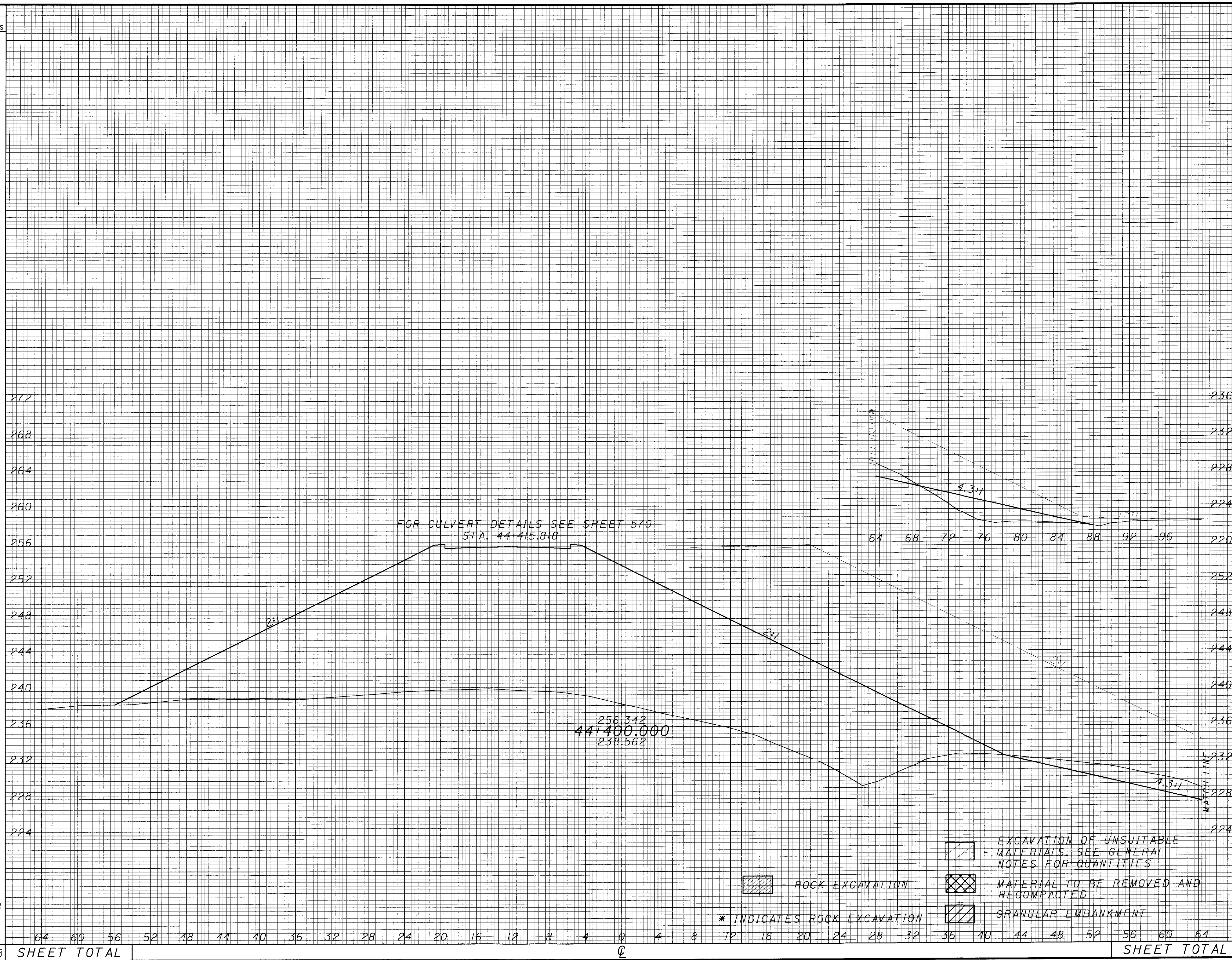
164 3585 SHEET TOTAL

SHEET TOTAL

Q

02/07/2014
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SEEDING	
END WIDTH	SO. METERS
141	2318
141	2318
SHEET TOTAL	



END AREA	VOLUME	CALCULATED	CHECKED
29	1037		
291	18181		
ROCK TOTAL			
291	18181		
SHEET TOTAL			

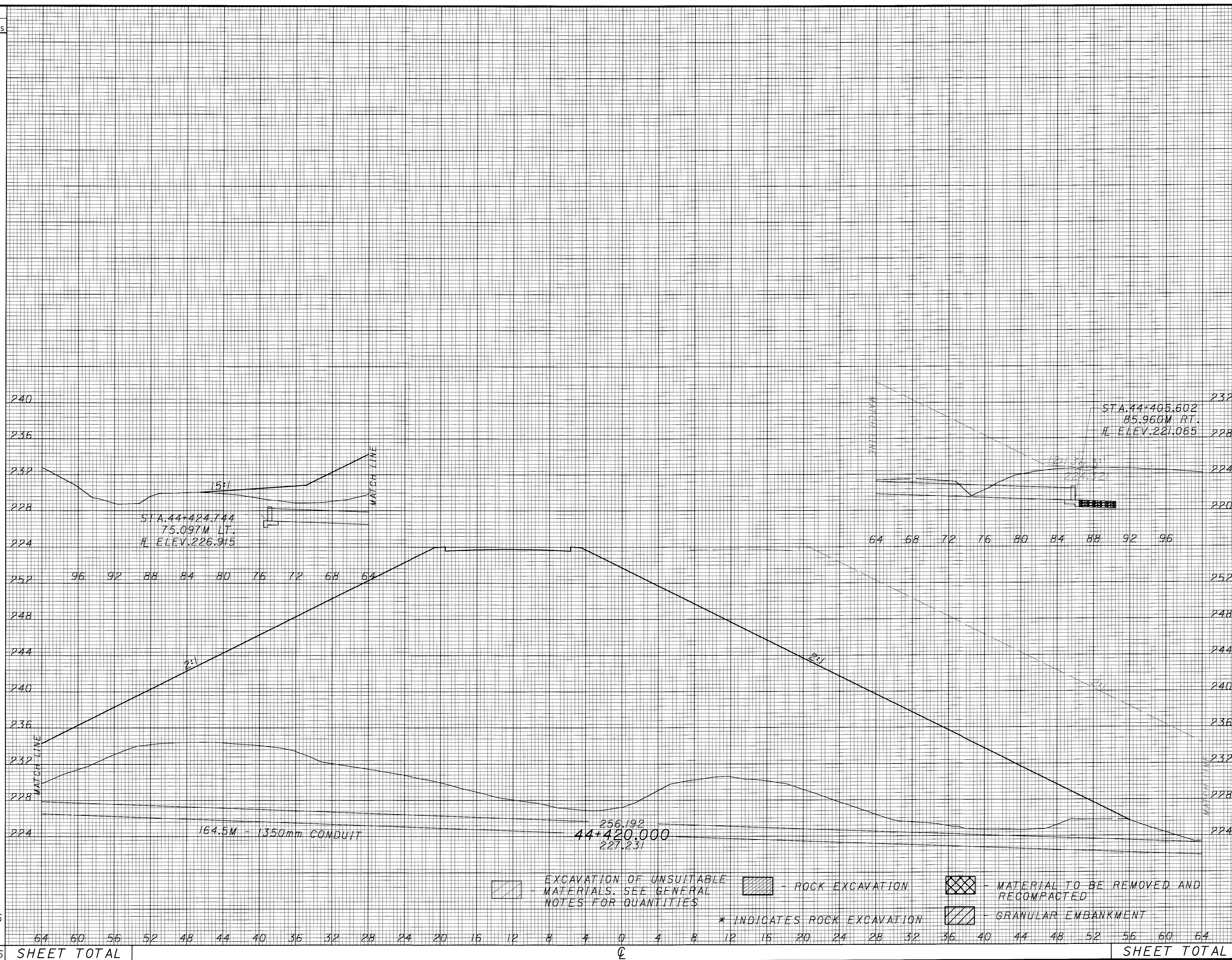
CROSS SECTIONS - US 33
 STA. 44+400.000

ATH-33-40.981

342
 949

02/07/2001
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SEEDING	
END WIDTH	SO. METERS
138	2786
SHEET TOTAL	



END AREA		VOLUME		CALCULATED BBD	CHECKED TDW
CUT	FILL	CUT	FILL		
0	1842	291	28793		
ROCK TOTAL					
SHEET TOTAL		291	28793		

CROSS SECTIONS - US 33
 STA. 44+420.000

ATH-33-40.981

343
 949

EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
 * INDICATES ROCK EXCAVATION
 - ROCK EXCAVATION
 - MATERIAL TO BE REMOVED AND RECOMPACTED
 - GRANULAR EMBANKMENT

256.192
 44+420.000
 227.231

STA. 44+424.744
 75.097M LT.
 H. ELEV. 226.915

STA. 44+405.602
 85.960M RT.
 H. ELEV. 221.065

164.5M - 1350mm CONDUIT

2:1

2:1

15:1

12:1

240

236

232

228

224

252

248

244

240

236

232

228

224

232

228

224

220

252

248

244

240

236

232

228

224

64

60

56

52

48

44

40

36

32

28

24

20

16

12

8

4

0

4

8

12

16

20

24

28

32

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48

52

56

60

64

64

68

72

76

80

84

88

92

96

ROCK TOTAL

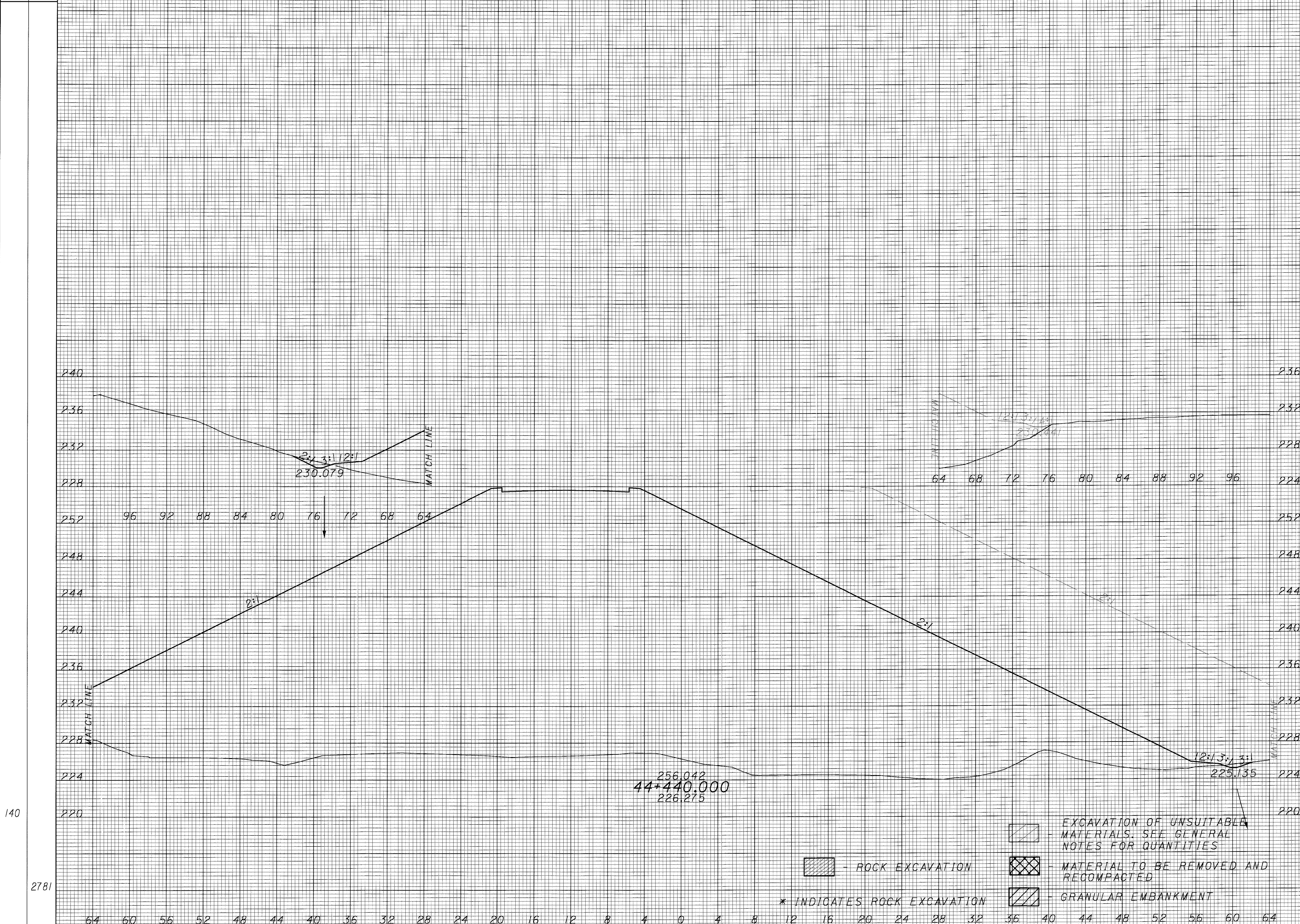
SHEET TOTAL

Q

02/07/2004
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SEEDING
 END WIDTH SO. METERS

END AREA VOLUME
 CUT FILL CUT FILL
 CALCULATED
 BBO
 CHECKED
 TDW



140	2781	SHEET TOTAL																22	40720
-----	------	-------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----	-------

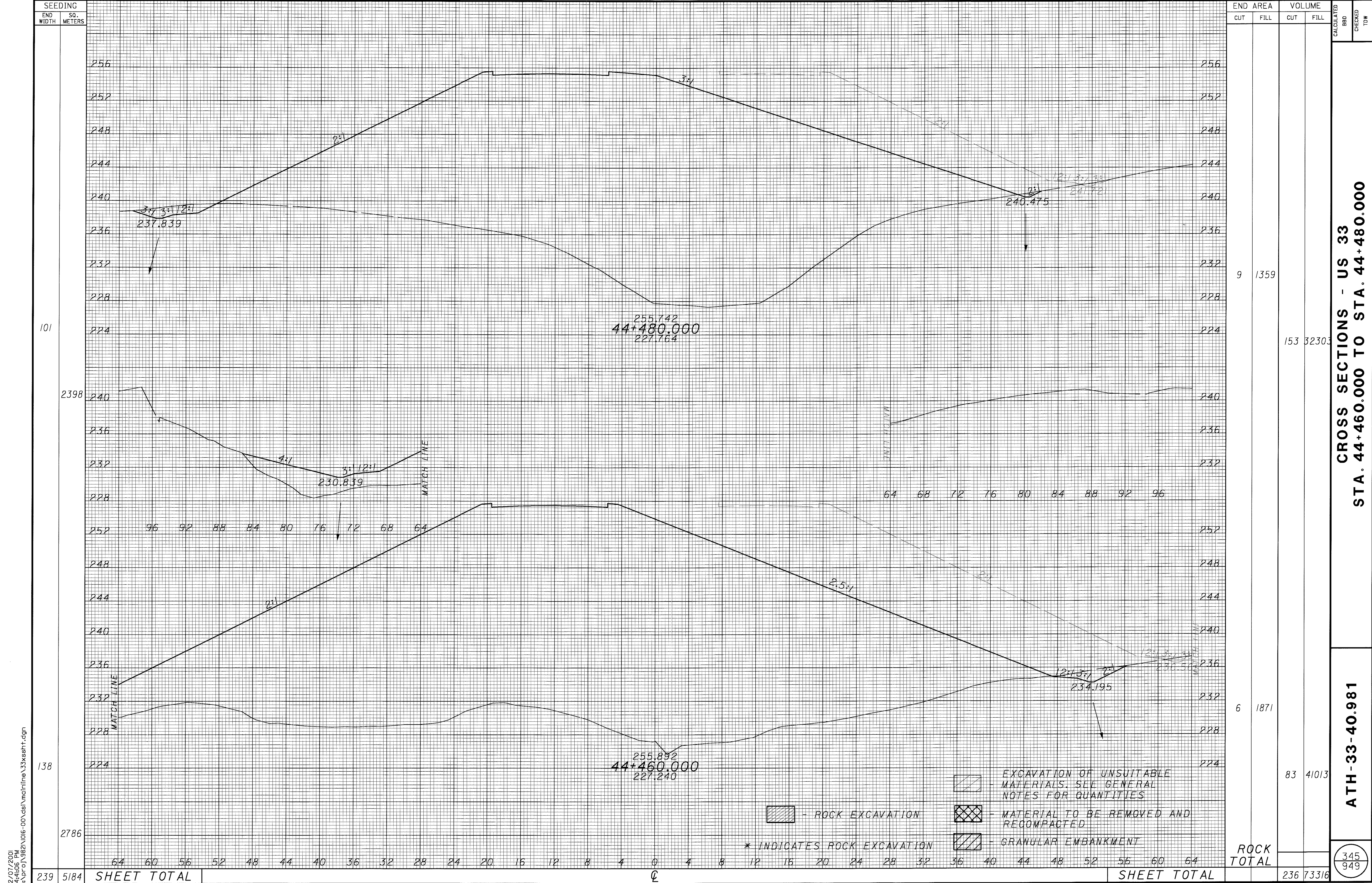
END AREA		VOLUME	
CUT	FILL	CUT	FILL
2	2230	22	40720
ROCK TOTAL		22	40720

- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION
- EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES

CROSS SECTIONS - US 33
 STA. 44+440.000

ATH-33-40.981

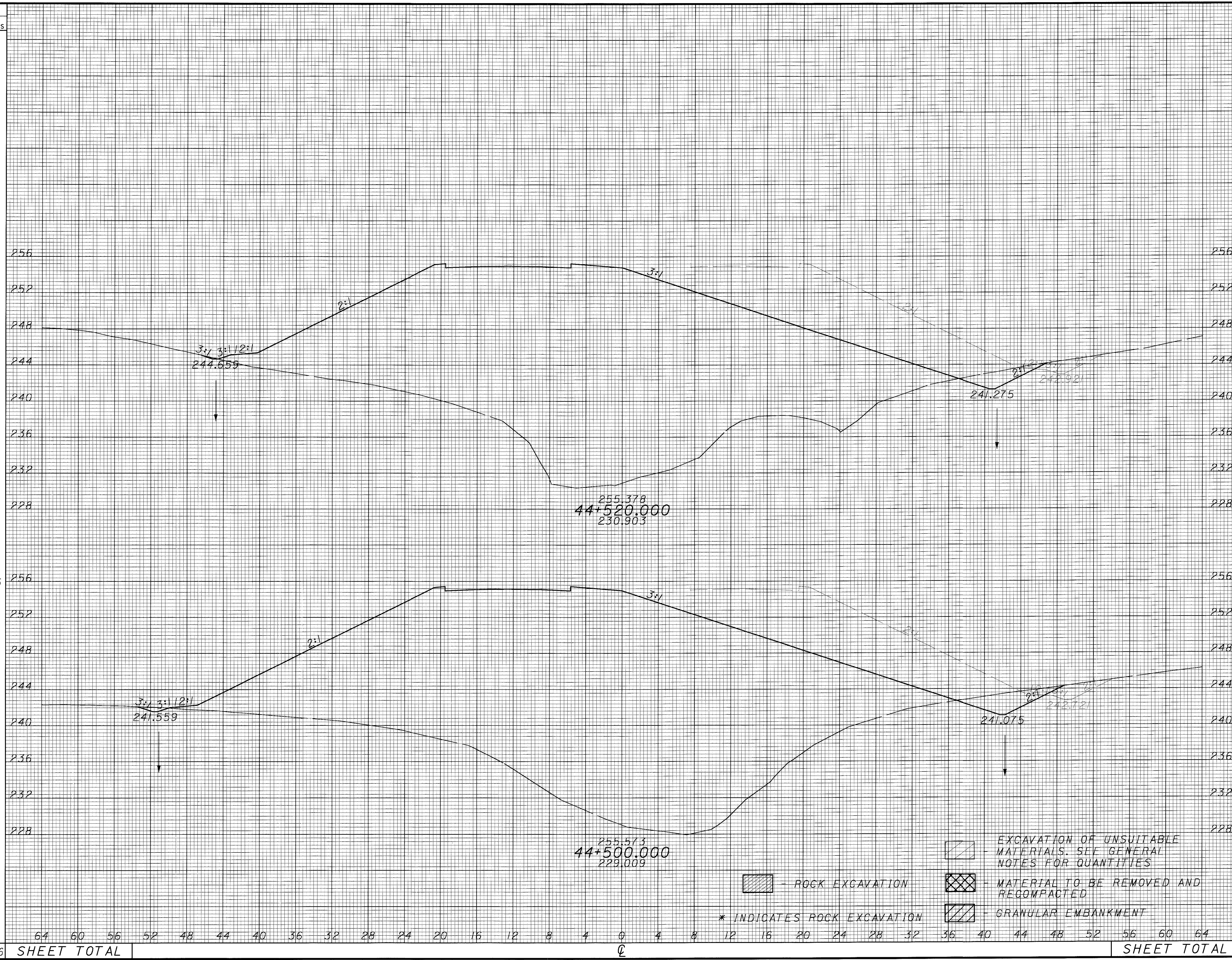
344
 949



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02/07/2000
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SEEDING	
END WIDTH	SO. METERS
180	3756



END AREA	VOLUME	CALCULATED	CHECKED		
				CUT	FILL
10	1002				
255	21585				
16	1157				
248	25158				
ROCK TOTAL					
SHEET TOTAL					
	503	46743			

**CROSS SECTIONS - US 33
 STA. 44+500.000 TO STA. 44+520.000**

ATH-33-40.981

346
 949

- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES

255.378
 44+520.000
 230.903

255.573
 44+500.000
 229.009

3:1 3:1 12:1
 244.659

3:1 3:1 12:1
 241.559

241.275

241.075

242.921

242.721

256

256

252

252

248

248

244

244

240

240

236

236

232

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248

248

244

244

240

240

236

236

232

232

228

228

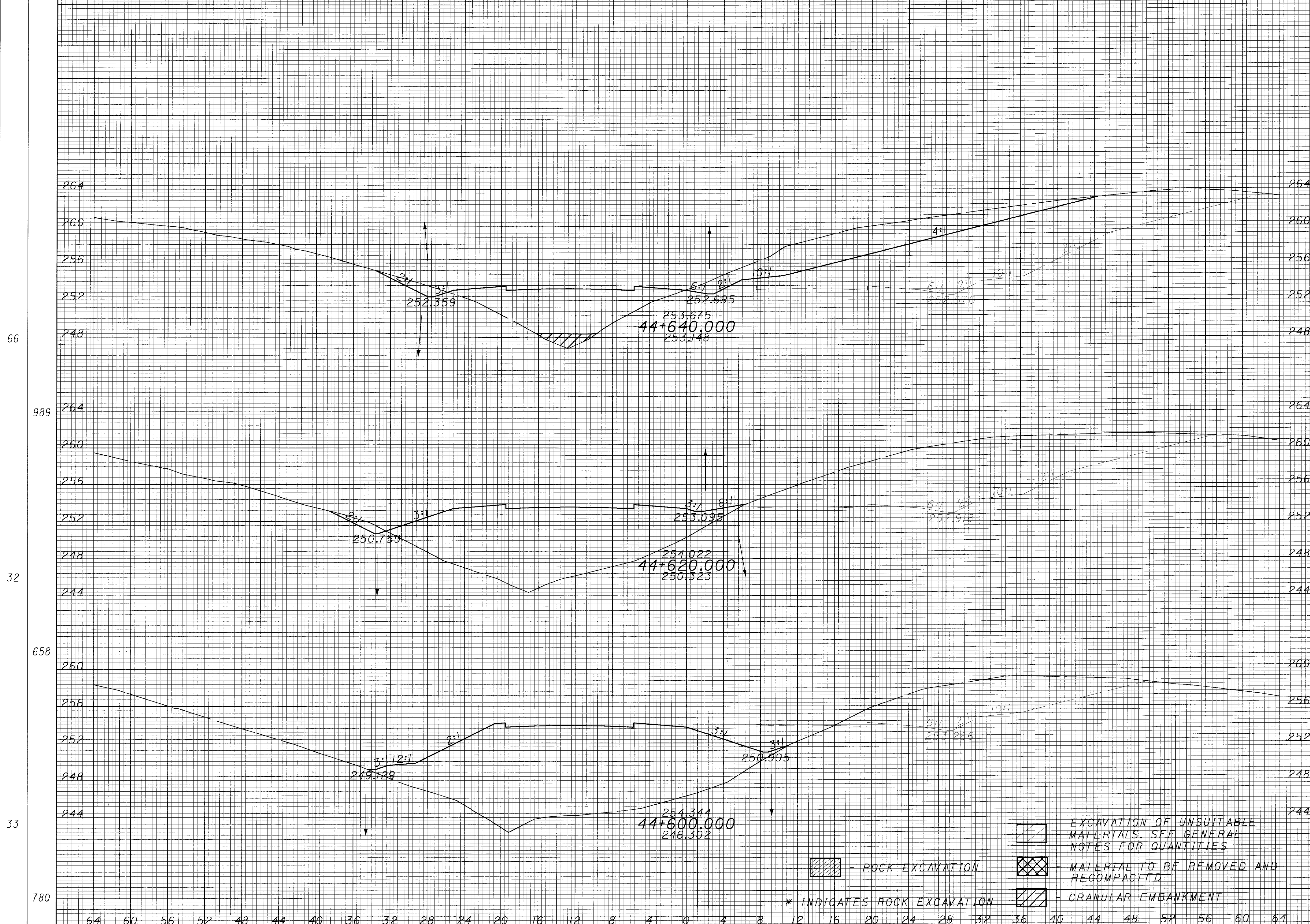
64 60 56 52 48 44 40 36 32 28 24 20 16 12 8 4 0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64

SHEET TOTAL

Q

SEEDING
END SO.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BBO
CHECKED
TDW



STATION	END AREA		VOLUME	
	CUT	FILL	CUT	FILL
89	81			
*0				
919		2829		
3		202		
32		4988		
0		297		
0		7264		
ROCK TOTAL				
SHEET TOTAL			951	15081

CROSS SECTIONS - US 33
STA. 44+600.000 TO STA. 44+640.000

ATH-33-40.981

348
949

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131 2427 SHEET TOTAL

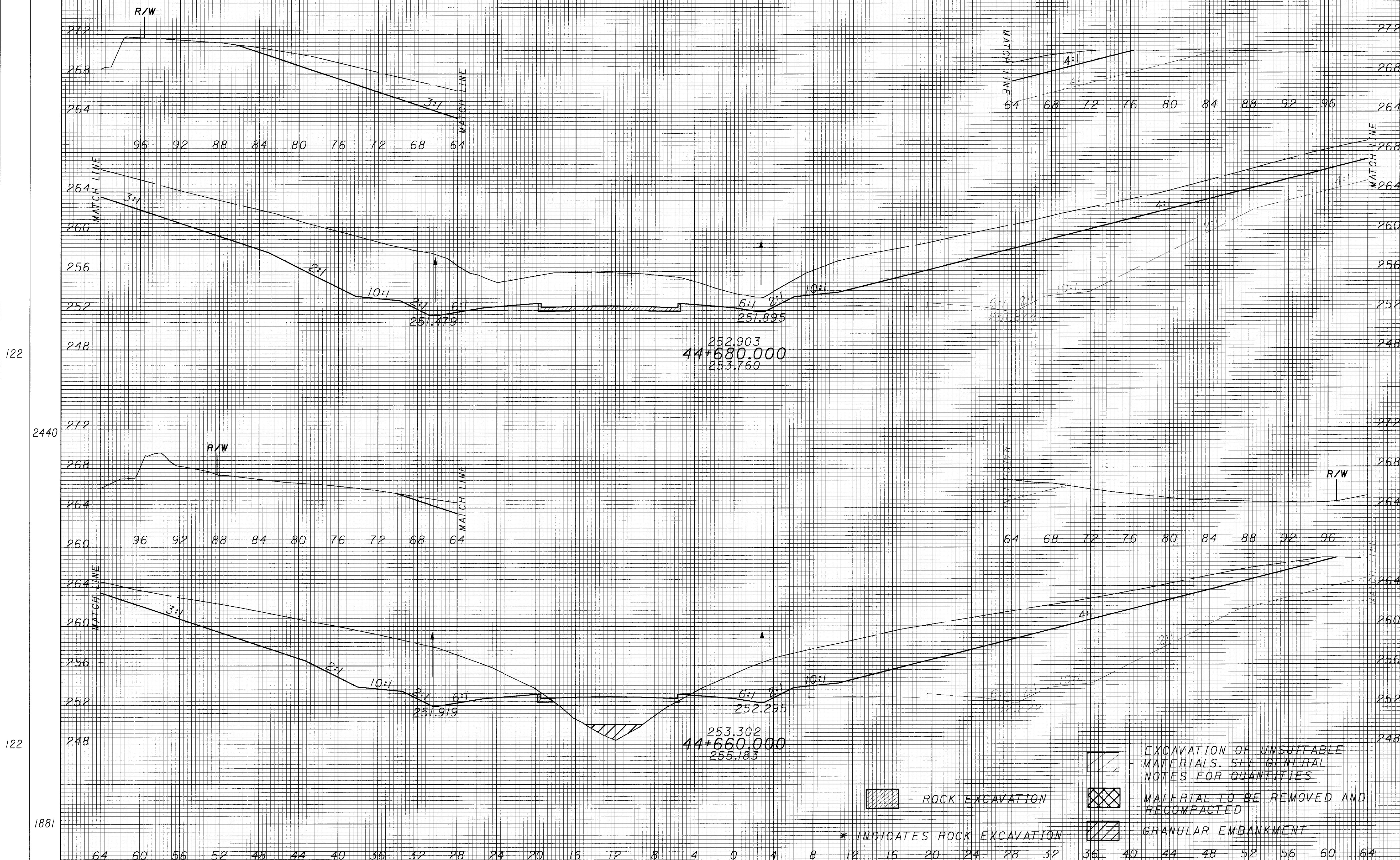
SHEET TOTAL

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SEEDING
 END SO.
 WIDTH METERS

END AREA
 CUT FILL
 VOLUME
 CUT FILL
 CALCULATED
 BBQ
 CHECKED
 TDW



122

2440

122

1881

END AREA	VOLUME
CUT	FILL
439	0
*6	
7574	323
*71	
319	32
*1	
4074	1132
*10	
ROCK TOTAL	
*81	
11648	1455

- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

CROSS SECTIONS - US 33
 STA. 44+660.000 TO STA. 44+680.000

ATH-33-40.981

349
 949

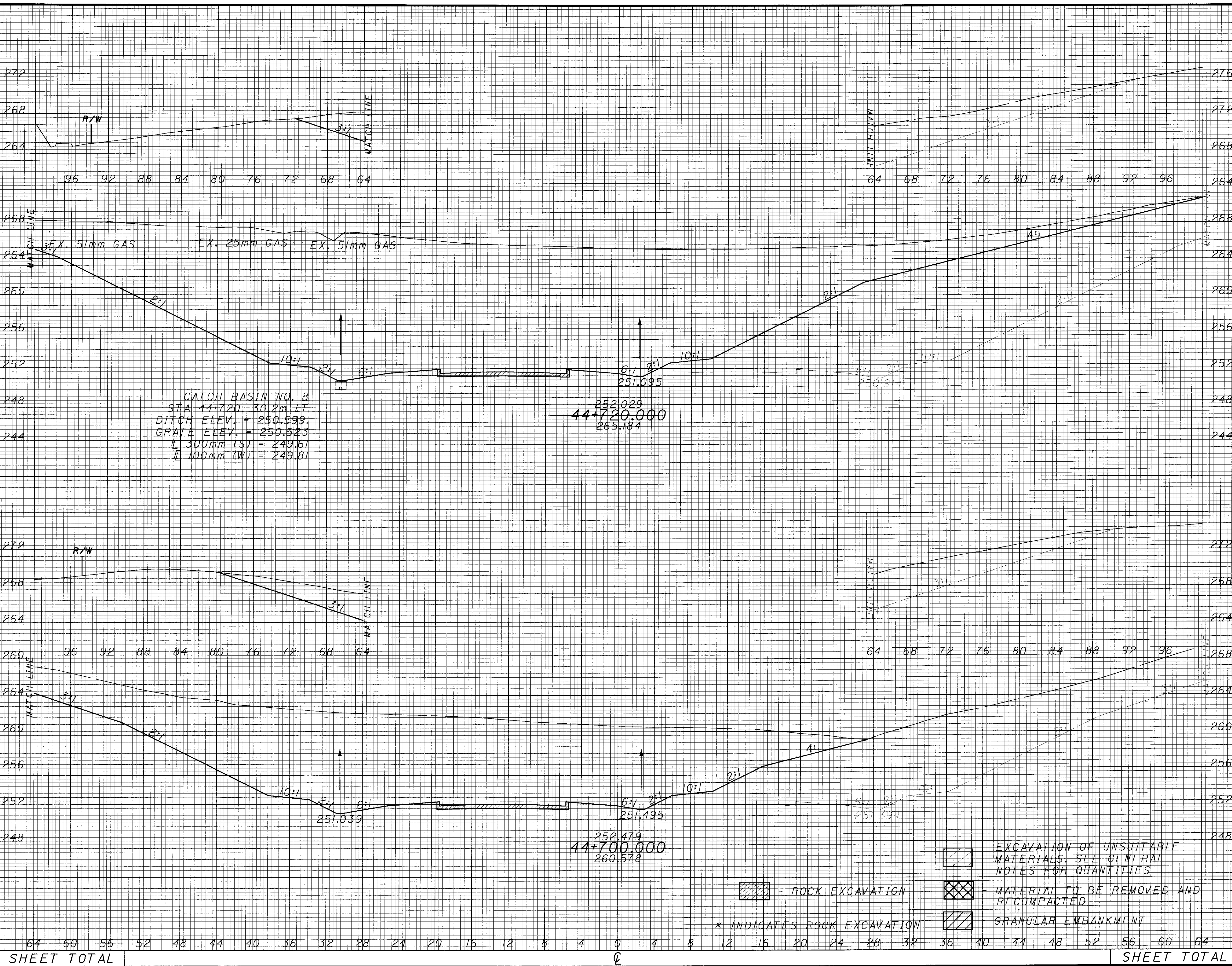
244 4321 SHEET TOTAL

SHEET TOTAL

Q

02/07/2001
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SEEDING	END SO. WIDTH METERS	227	4470	SHEET TOTAL	
				CUT	FILL
		1118	0	*6	
		17890	0	*129	
		671	0	*6	
		11098	0	*129	
		ROCK TOTAL	*258		
		28988	0		

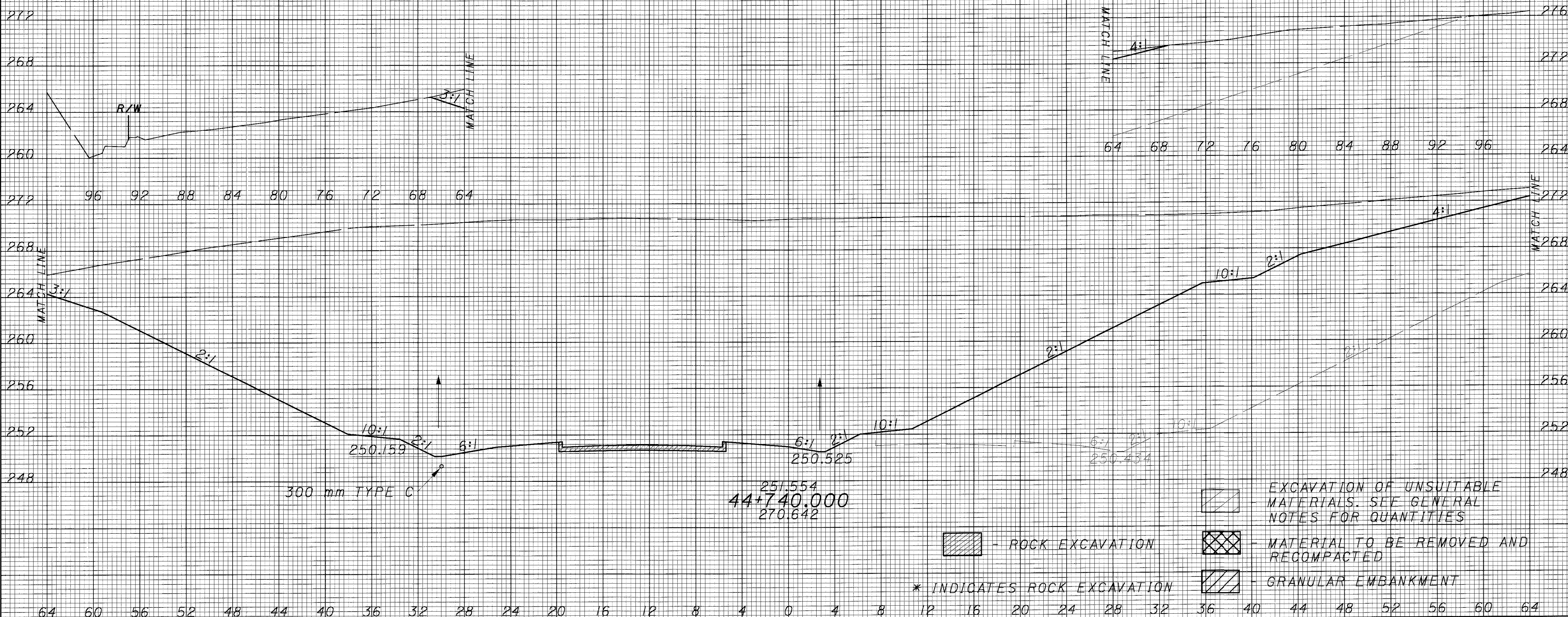


END AREA	VOLUME	CALCULATED	CHECKED				
				CUT	FILL	CUT	FILL
		1118	0	*6			
		17890	0	*129			
		671	0	*6			
		11098	0	*129			
		ROCK TOTAL	*258				
		28988	0				

CROSS SECTIONS - US 33
STA. 44+700.000 TO STA. 44+720.000
ATH-33-40.981
 350
 949

SEEDING
END SQ.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BBD
CHECKED
TDW



130 2590 SHEET TOTAL

SHEET TOTAL

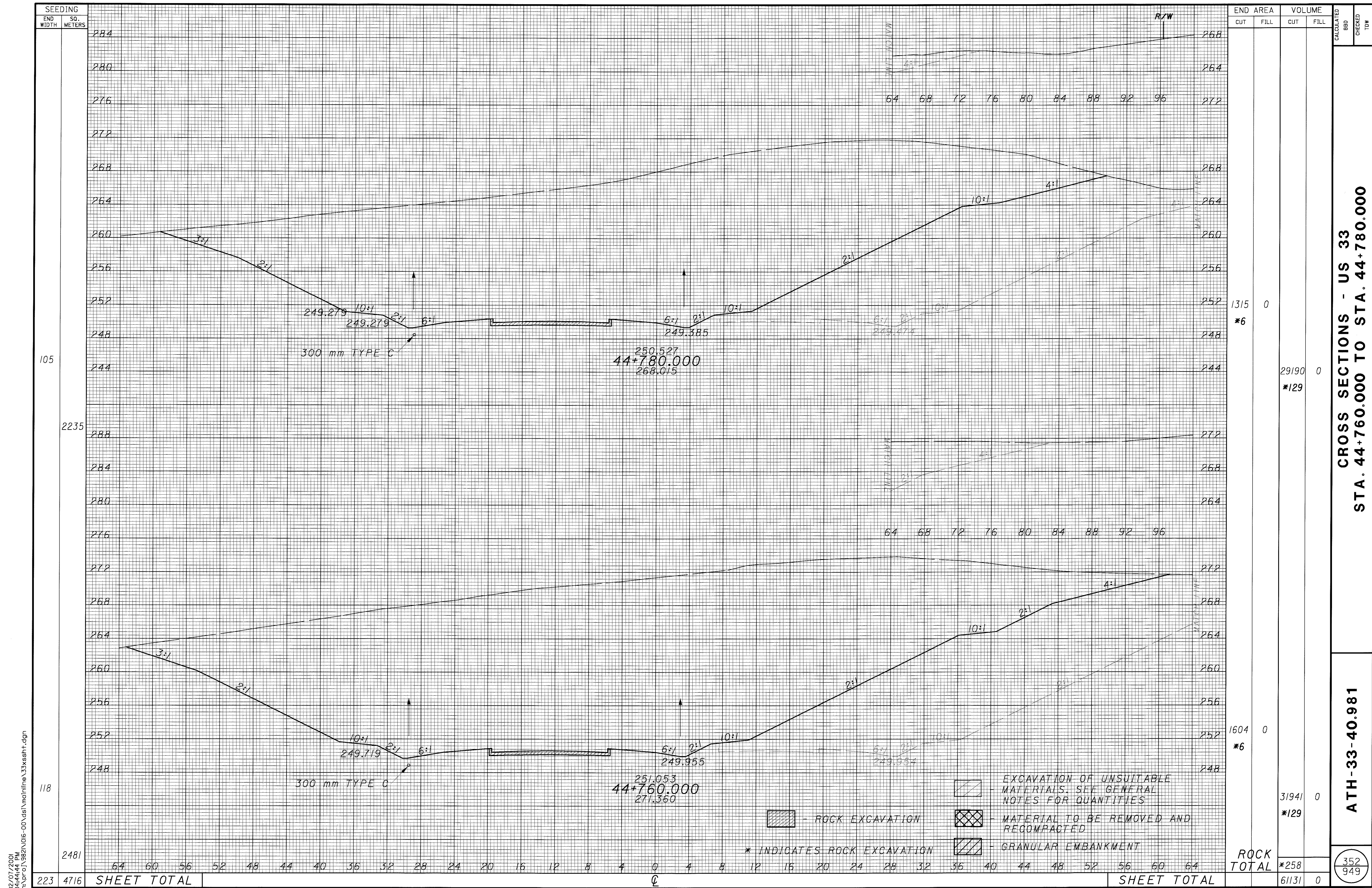
1590	0	27078	0
*6		*129	
ROCK TOTAL		*129	
		27078	0

CROSS SECTIONS - US 33
STA. 44+740.000

ATH-33-40.981

351
949

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CROSS SECTIONS - US 33
STA. 44+760.000 TO STA. 44+780.000

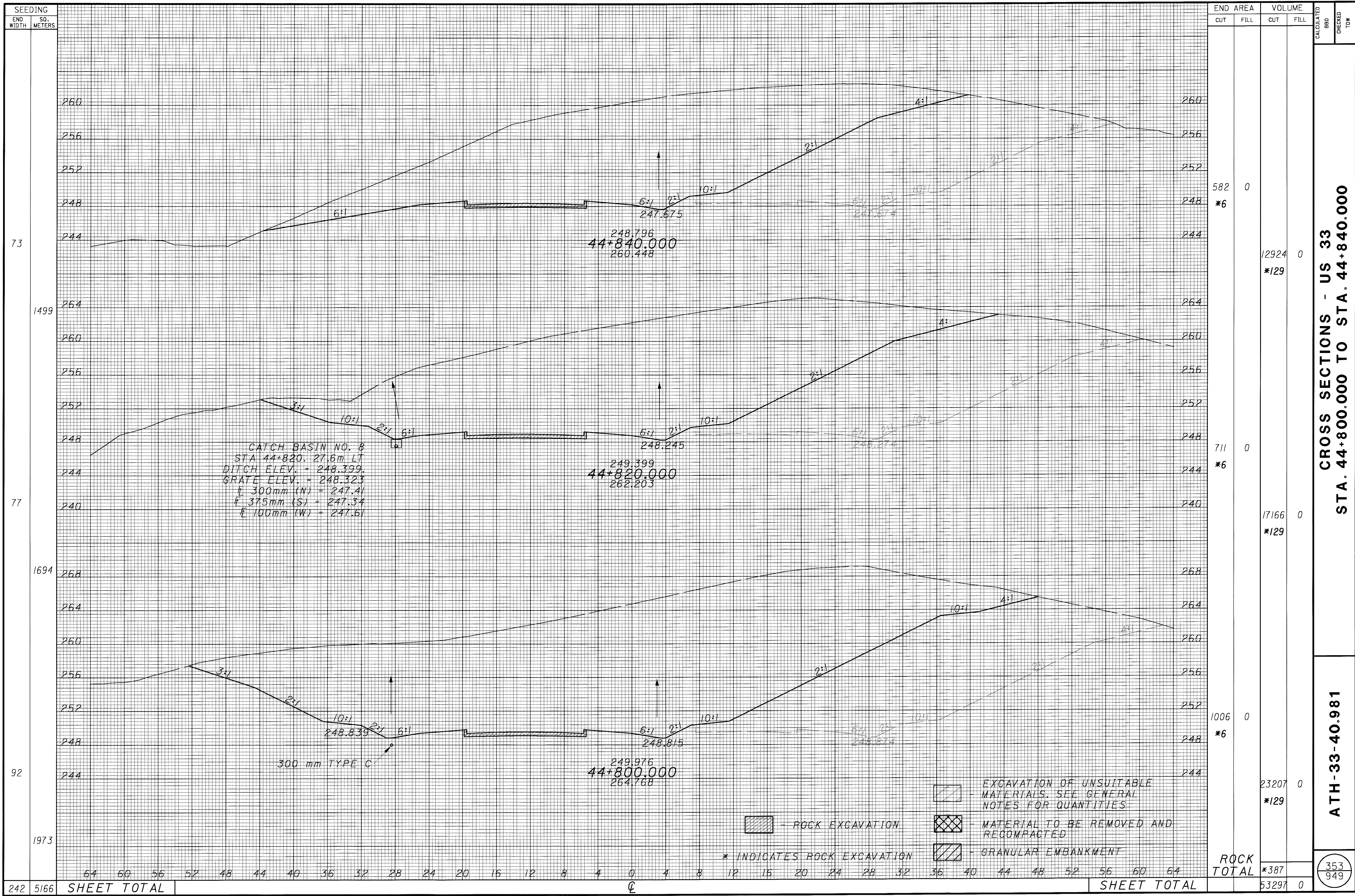
ATH-33-40.981

352
949

STATION	END AREA		VOLUME	
	CUT	FILL	CUT	FILL
105	1315	0	29190	0
2235	*6		*129	
118	1604	0	31941	0
	*6		*129	
ROCK TOTAL			*258	
SHEET TOTAL			61131	0

02/07/2004
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02/07/2001
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SEEDING	END SO.	
	WIDTH	METERS
73	64	60
1499	56	52
77	48	44
1694	40	36
92	32	28
1973	24	20
242	16	12
5166	8	4
SHEET TOTAL		

END AREA	VOLUME		CALCULATED	CHECKED
	CUT	FILL		
582	0			
*6				
		12924	0	
		*129		
711	0			
*6				
		17166	0	
		*129		
1006	0			
*6				
		23207	0	
		*129		
ROCK TOTAL		*387		
SHEET TOTAL		53297	0	

CROSS SECTIONS - US 33
STA. 44+800.000 TO STA. 44+840.000

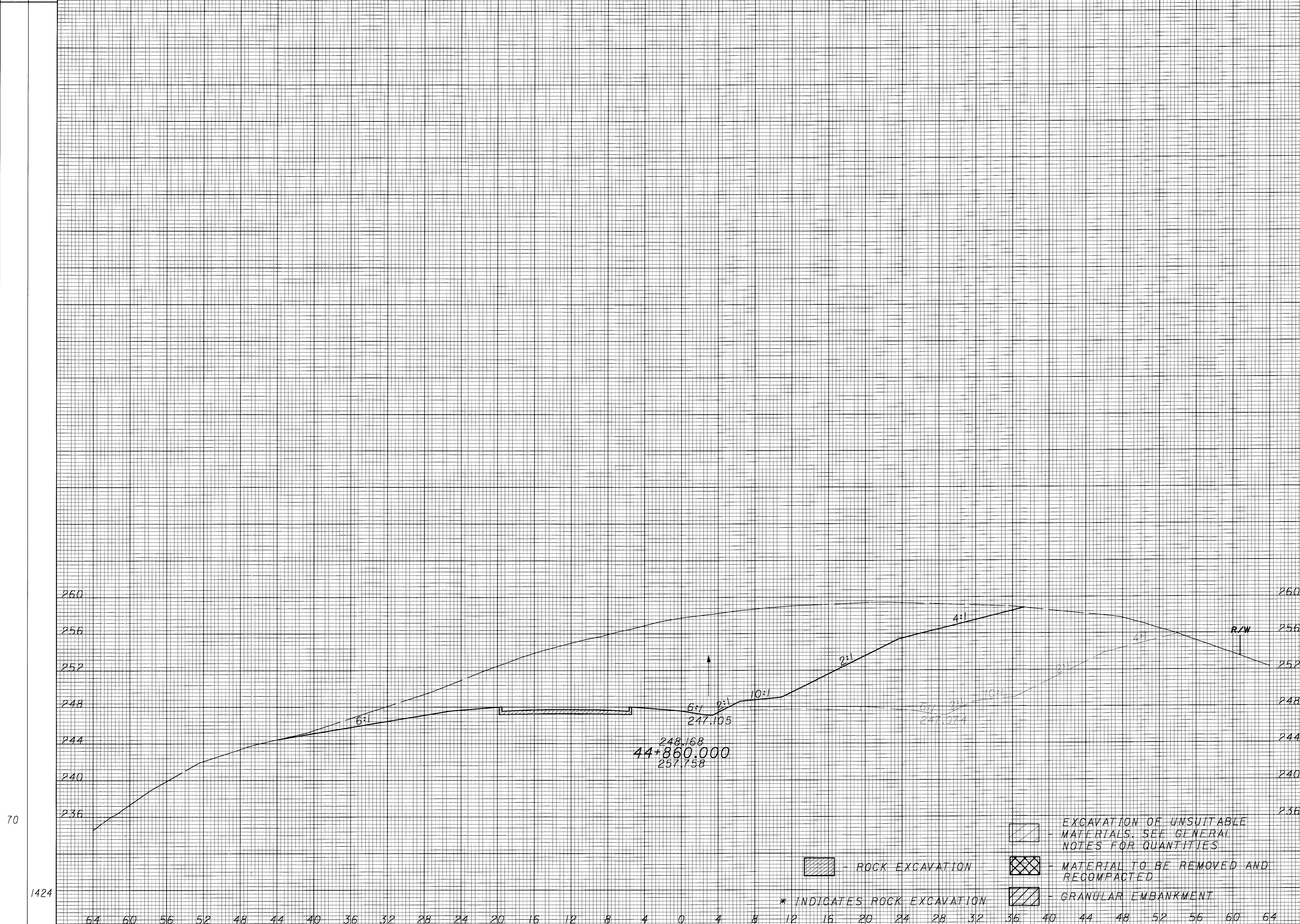
ATH-33-40.981

353
 949

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SEEDING
 END SO.
 WIDTH METERS

END AREA
 CUT FILL
 VOLUME
 CUT FILL
 CALCULATED
 BBO
 CHECKED
 TDW



END AREA	VOLUME	CALCULATED	CHECKED
CUT	FILL	BBO	TDW
425	0		
*6			
		10070	0
		*129	
ROCK TOTAL		*129	
		10070	0

CROSS SECTIONS - US 33
 STA. 44+860.000

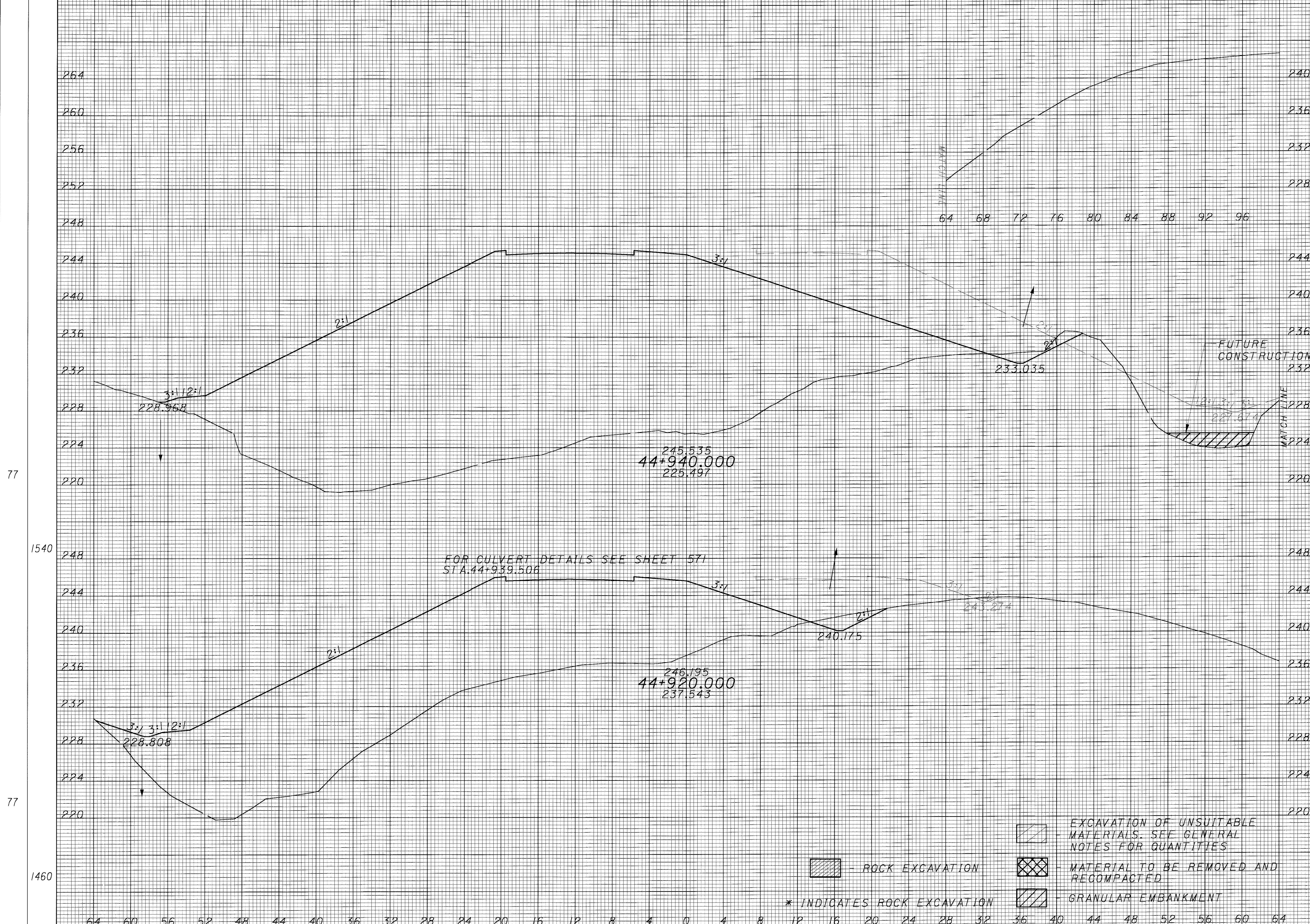
ATH-33-40.981

354
 949

70 1424 SHEET TOTAL

SEEDING
END SQ.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BDD
CHECKED
TDW



STATION	END AREA		VOLUME	
	CUT	FILL	CUT	FILL
77	7	1223	139	18894
1540	7	666	86	9274
ROCK TOTAL			225	28168

154 3000 SHEET TOTAL SHEET TOTAL

CROSS SECTIONS - US 33
STA. 44+920.000 TO STA. 44+940.000

ATH-33-40.981

357
949

02/07/2004
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- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

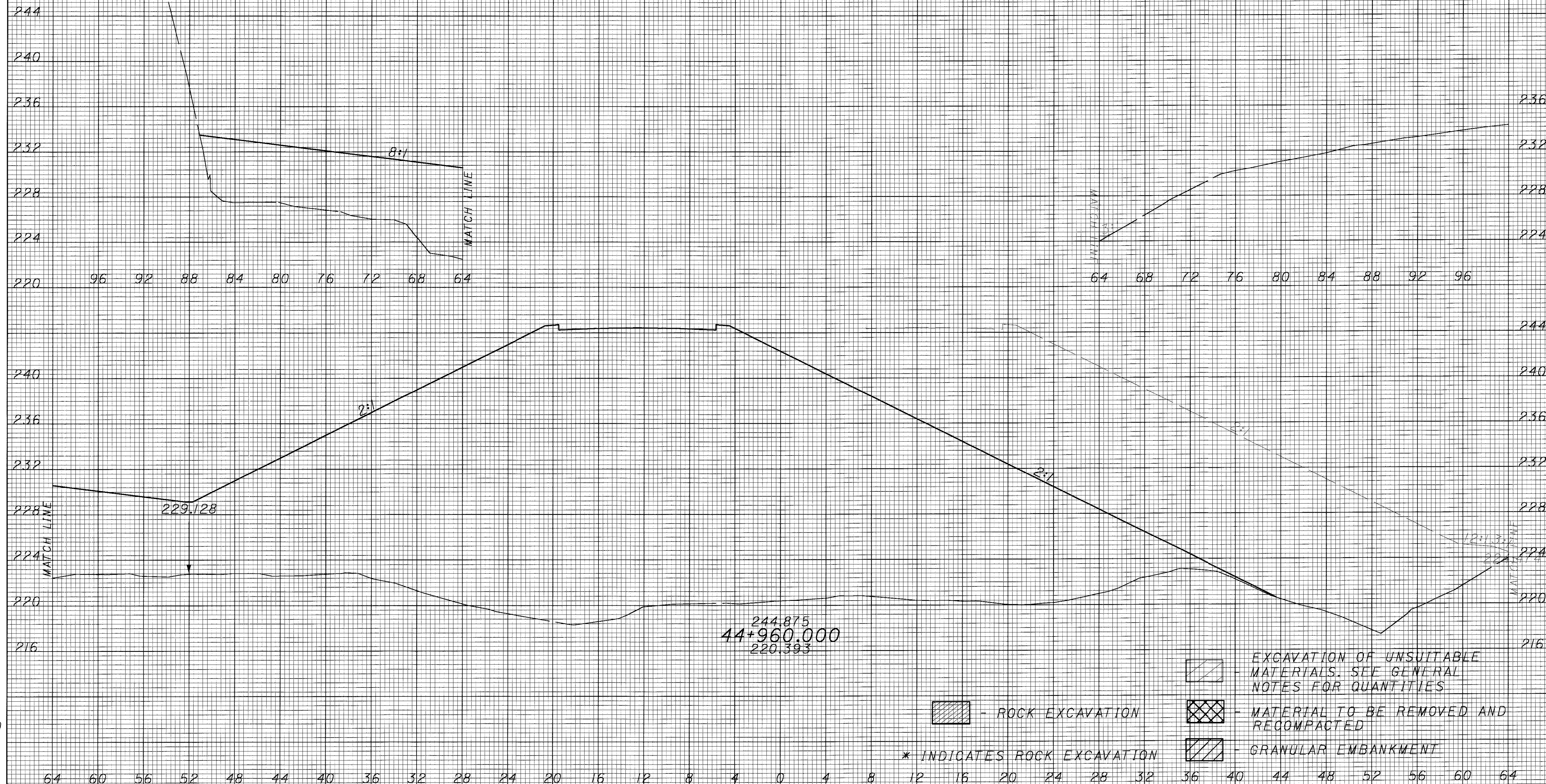
FOR CULVERT DETAILS SEE SHEET 571
STA. 44+939.506

FUTURE
CONSTRUCTION

02/07/2001
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SEEDING
 END SO.
 WIDTH METERS

END AREA
 CUT FILL
 VOLUME
 CUT FILL
 CALCULATED
 BB0
 CHECKED
 TDW



93
 1699

0	1659	70	28827
ROCK TOTAL		70	28827
SHEET TOTAL		70	28827

CROSS SECTIONS - US 33
 STA. 44+960.000

ATH-33-40.981

358
 949

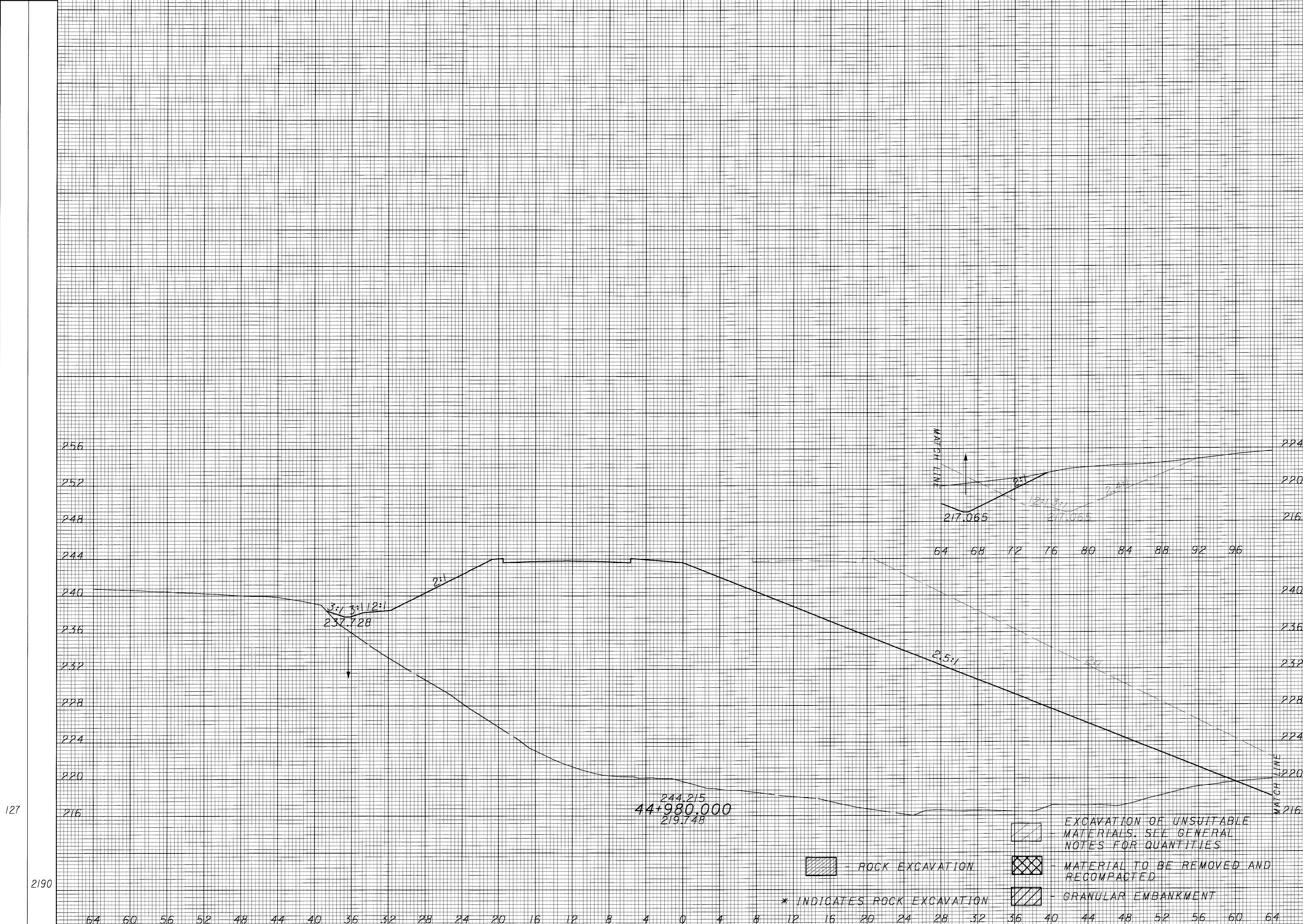
SHEET TOTAL

SHEET TOTAL

02/07/2001
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SEEDING
 END SQ.
 WIDTH METERS

END AREA VOLUME
 CUT FILL CUT FILL
 CALCULATED
 BBO
 CHECKED
 TDW



127	2190	SHEET TOTAL	64	60	56	52	48	44	40	36	32	28	24	20	16	12	8	4	0	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	SHEET TOTAL
-----	------	-------------	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-------------

24	1446	244	31057
ROCK TOTAL		244	31057

CROSS SECTIONS - US 33
 STA. 44+980.000

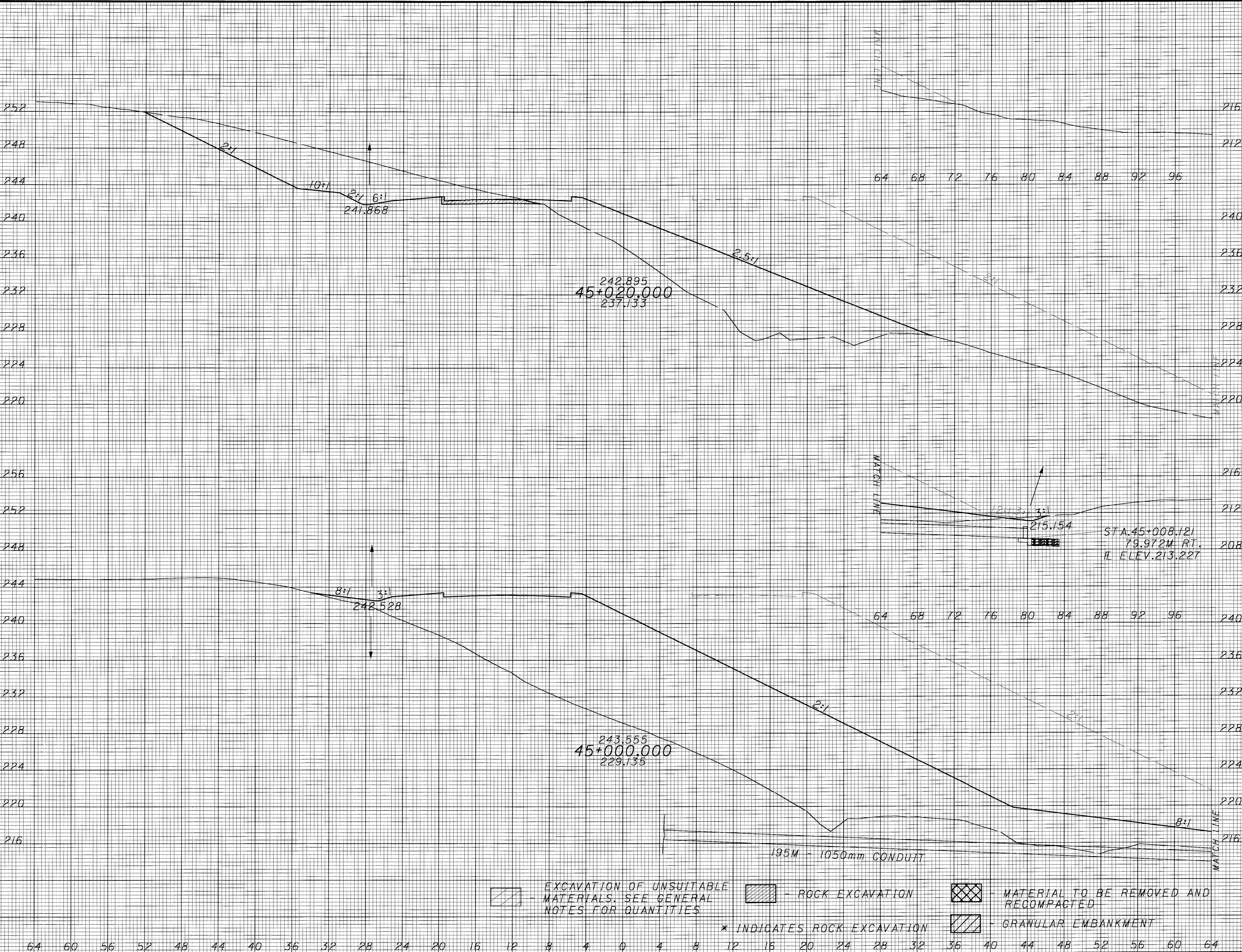
ATH-33-40.981

359
949

02/07/2001
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SEEDING
 END SO.
 WIDTH METERS

185	4200
-----	------



END AREA	VOLUME	
	CUT	FILL
113	182	
*4		
1141	8574	
*40		
1	675	
*0		
253	21215	
ROCK TOTAL		
*40		
1394	29789	

CALCULATED
 BB0
 CHECKED
 TDW

ATH-33-40.981

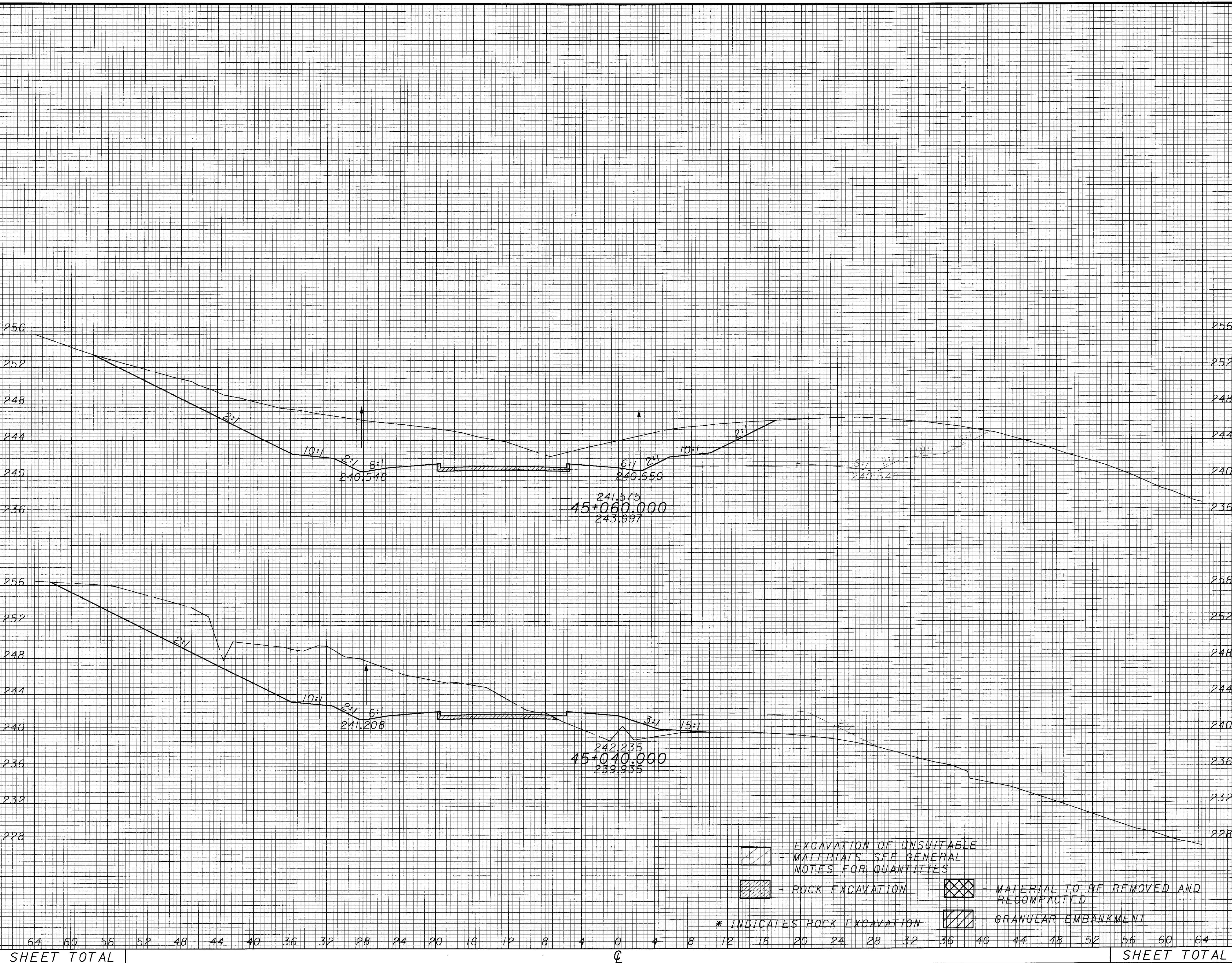
CROSS SECTIONS - US 33
 STA. 45+000.000 TO STA. 45+020.000

360
 949

SHEET TOTAL

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SEEDING	
END WIDTH	SO. METERS
127	2672



[Hatched Box] - EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
 [Cross-hatched Box] - ROCK EXCAVATION
 [Diagonal Lines Box] - MATERIAL TO BE REMOVED AND RECOMPACTED
 [Cross-hatched Box] - GRANULAR EMBANKMENT
 * INDICATES ROCK EXCAVATION

END AREA	VOLUME		CALCULATED	CHECKED
	CUT	FILL		
223	0			
*6				
4275	210			
*121				
205	21			
*6				
3181	2034			
*100				
ROCK TOTAL				
*221				
SHEET TOTAL	7456	2244		

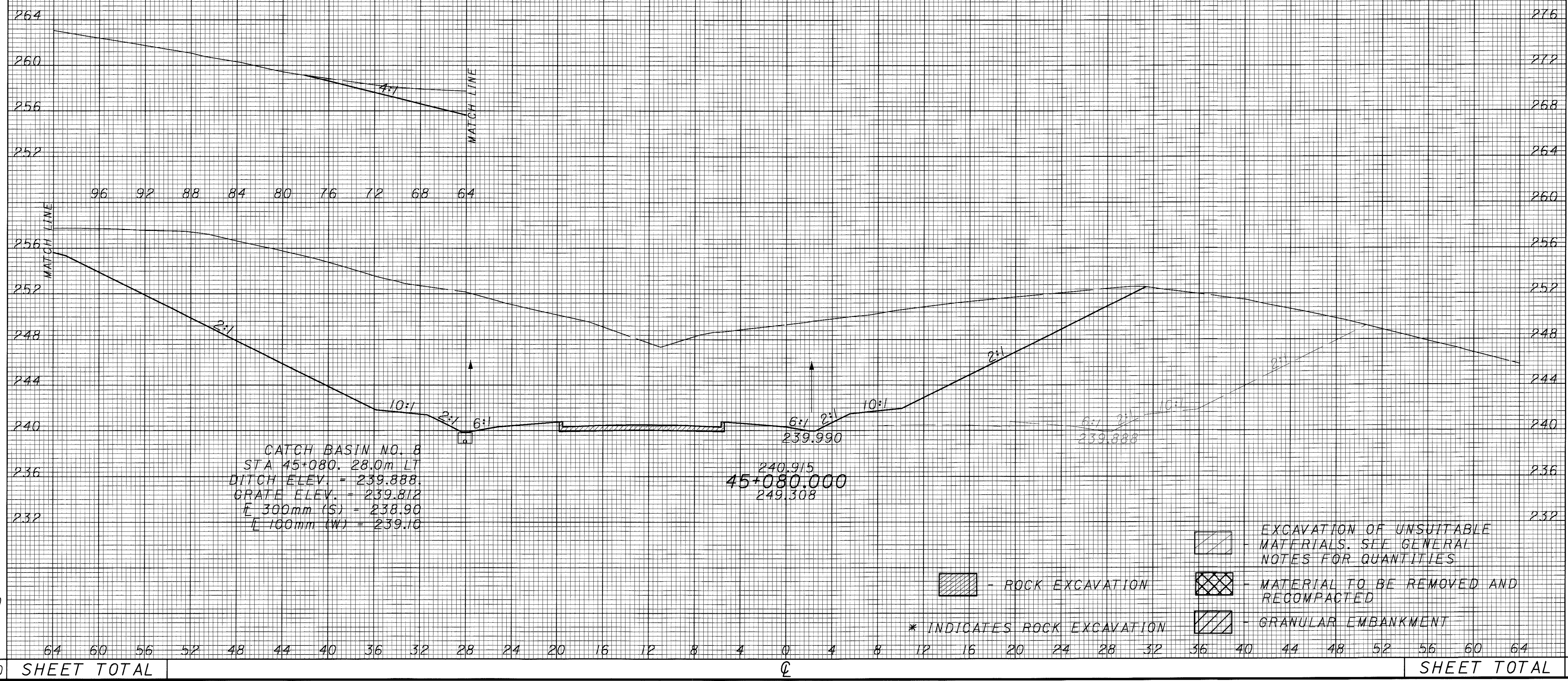
CROSS SECTIONS - US 33
 STA. 45+040.000 TO STA. 45+060.000

ATH-33-40.981

361
949

02/07/2004
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SEEDING	
END WIDTH	SO. METERS
103	1680
SHEET TOTAL	



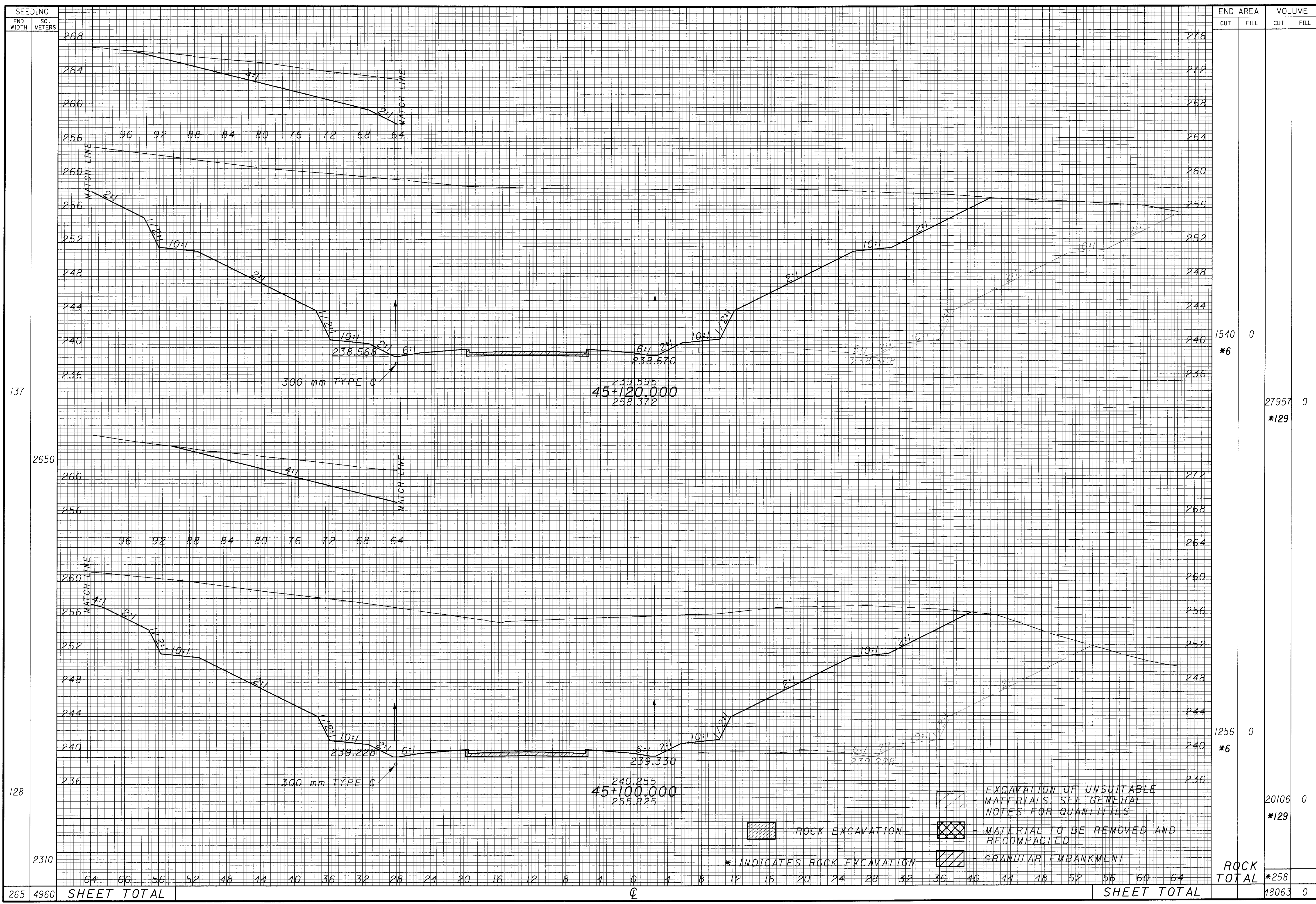
END AREA	VOLUME	CALCULATED	CHECKED		
				CUT	FILL
755	0	*6			
9772	0	*129			
ROCK TOTAL		*129			
SHEET TOTAL		9772	0		

CROSS SECTIONS - US 33
STA. 45+080.000

ATH-33-40.981

362
 949

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137

128

2310

265 4960

SHEET TOTAL

239.595
 45+120.000
 258.372

240.255
 45+100.000
 255.825

- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

END AREA	VOLUME		CALCULATED	CHECKED
	CUT	FILL		
1540	0			
*6				
27957	0			
*129				
1256	0			
*6				
20106	0			
*129				
ROCK TOTAL	*258			
SHEET TOTAL	48063	0		

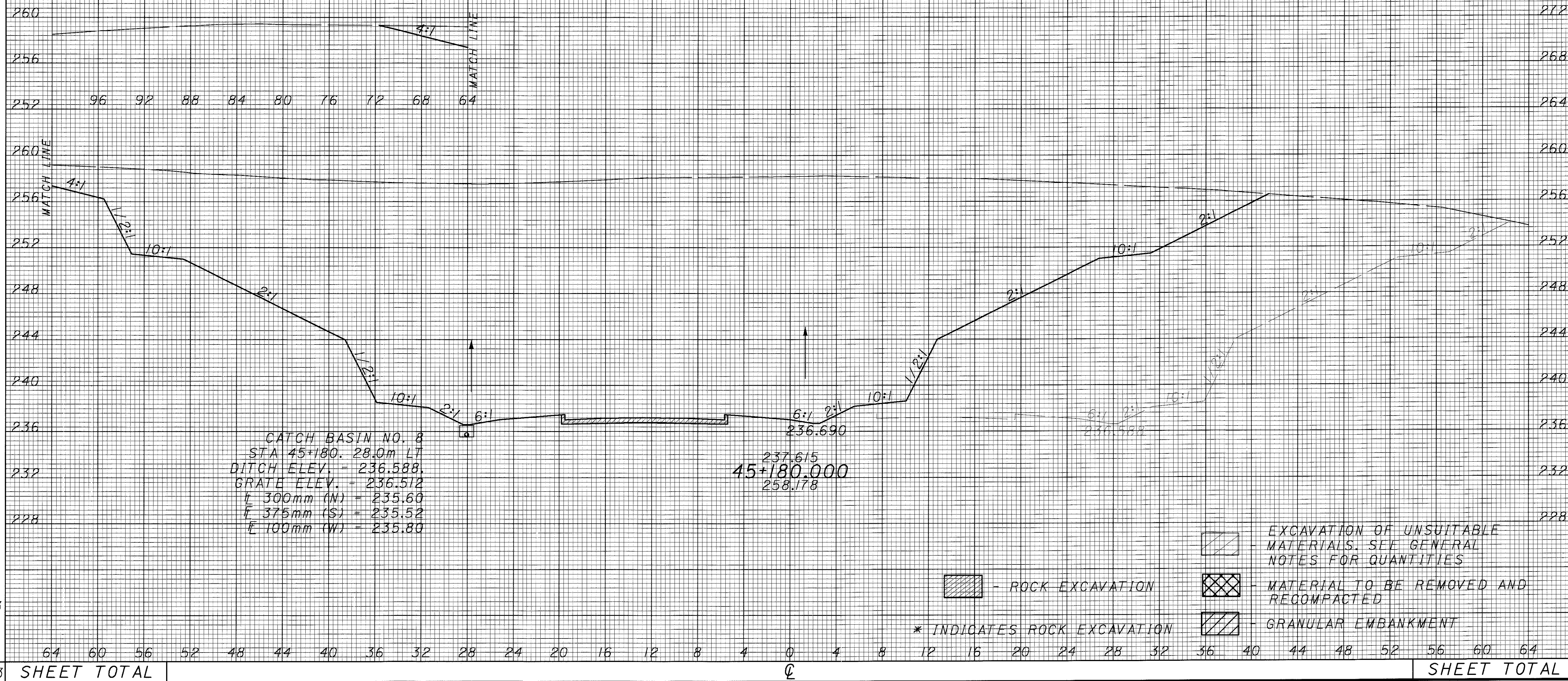
CROSS SECTIONS - US 33
 STA. 45+100.000 TO STA. 45+120.000

ATH-33-40.981

363
 949

SEEDING
END SO.
WIDTH Meters

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BDD
CHECKED
TDW



1445	0	30212	0
*6		*129	
ROCK TOTAL		*129	
SHEET TOTAL		30212	0

CROSS SECTIONS - US 33
STA. 45+180.000

ATH-33-40.981

366
949

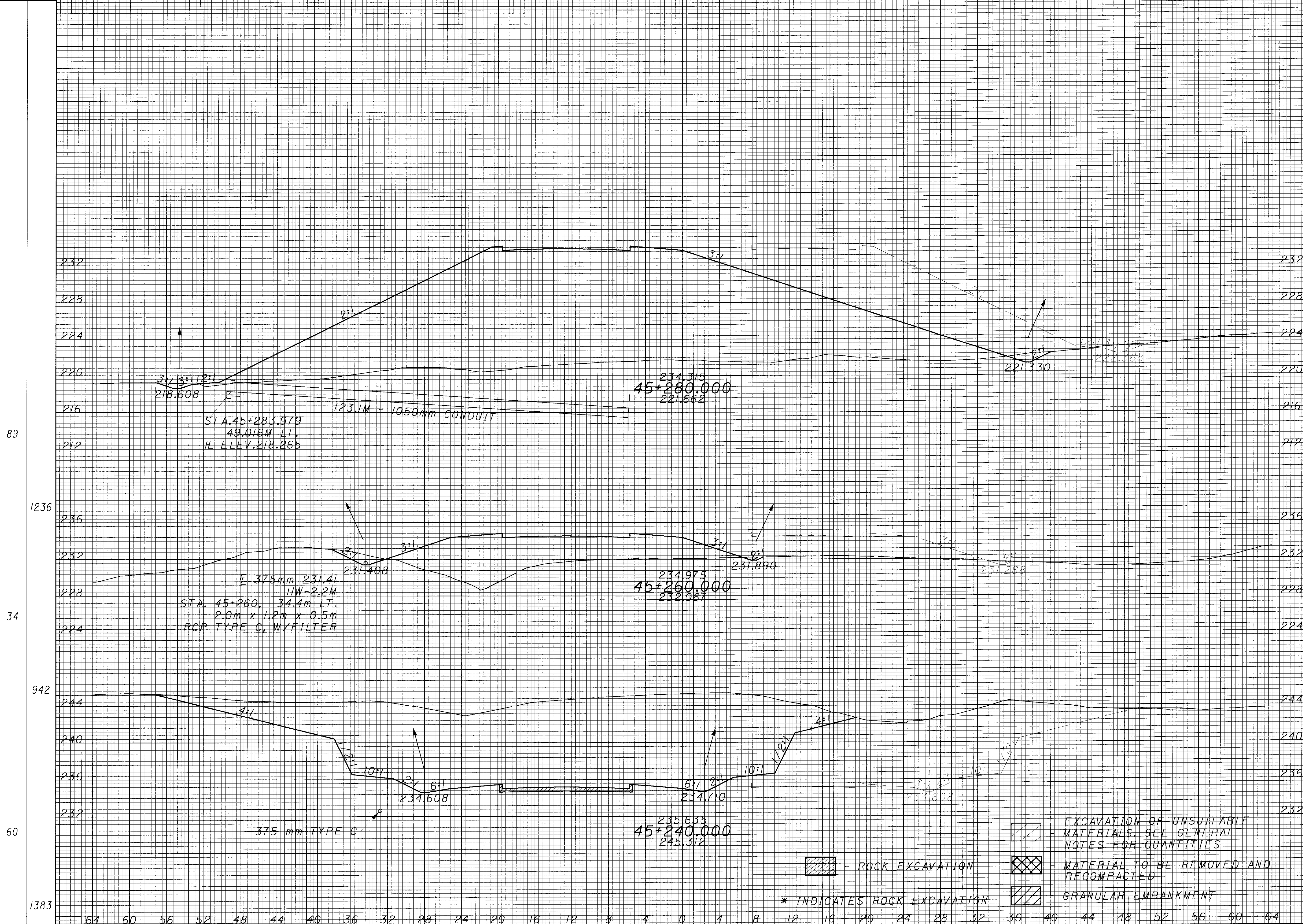
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97
2063
97 2063

64 60 56 52 48 44 40 36 32 28 24 20 16 12 8 4 0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64
SHEET TOTAL **SHEET TOTAL**

SEEDING
END SQ.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BBD
CHECKED
TDW



STATION	END AREA		VOLUME	
	CUT	FILL	CUT	FILL
45+280.000	4	672		
45+260.000	4	108		
45+240.000	490	0		
TOTAL	*189	8871		

CROSS SECTIONS - US 33
STA. 45+240.000 TO STA. 45+280.000

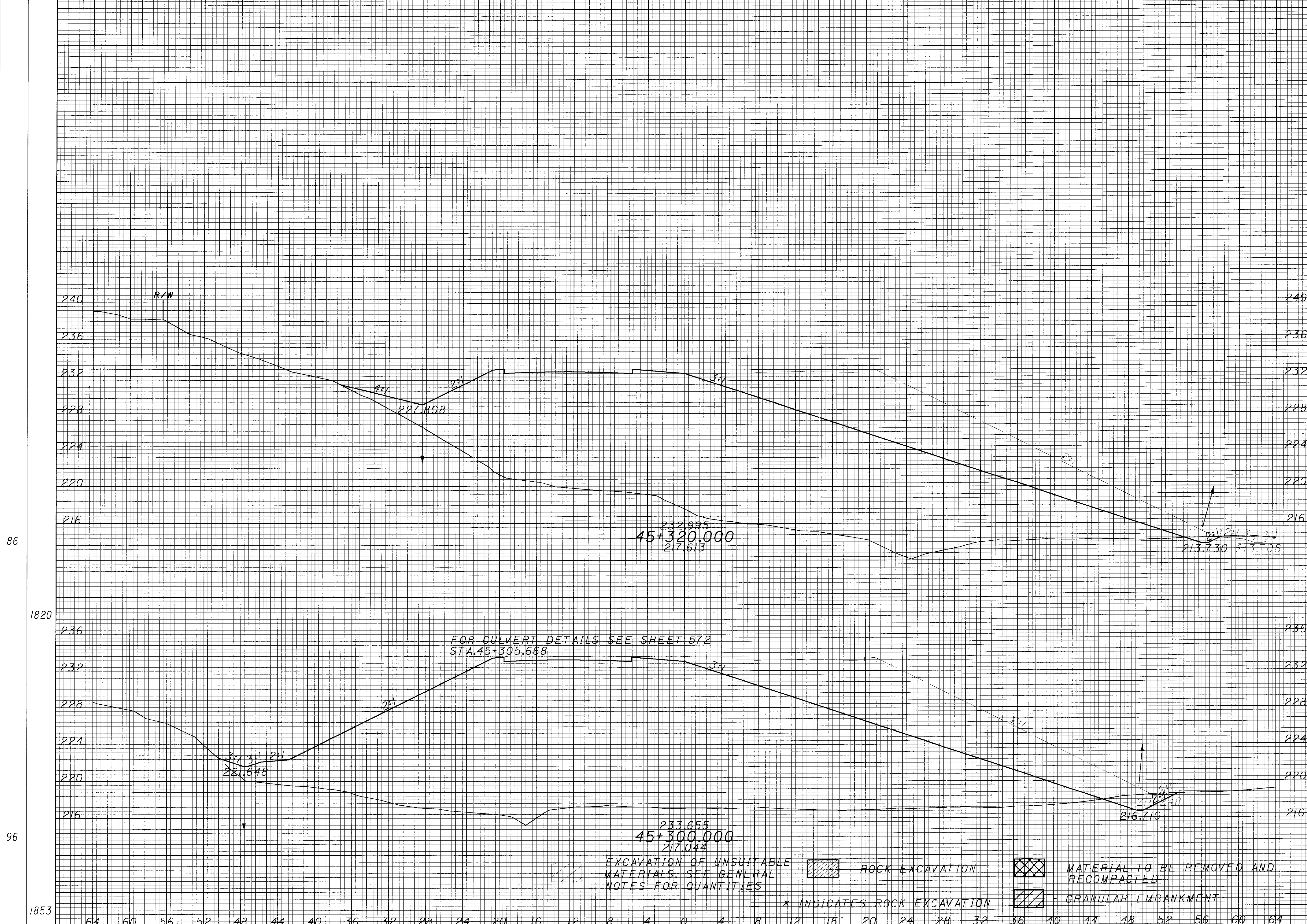
ATH-33-40.981

368
949

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SEEDING
END SO.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BBD
CHECKED
TDW



END AREA	VOLUME
CUT	FILL
1	808
*0	
92	17610
8	953
118	16244
ROCK TOTAL	
210	33854

CROSS SECTIONS - US 33
STA. 45+300.000 TO STA. 45+320.000

ATH-33-40.981

369
949

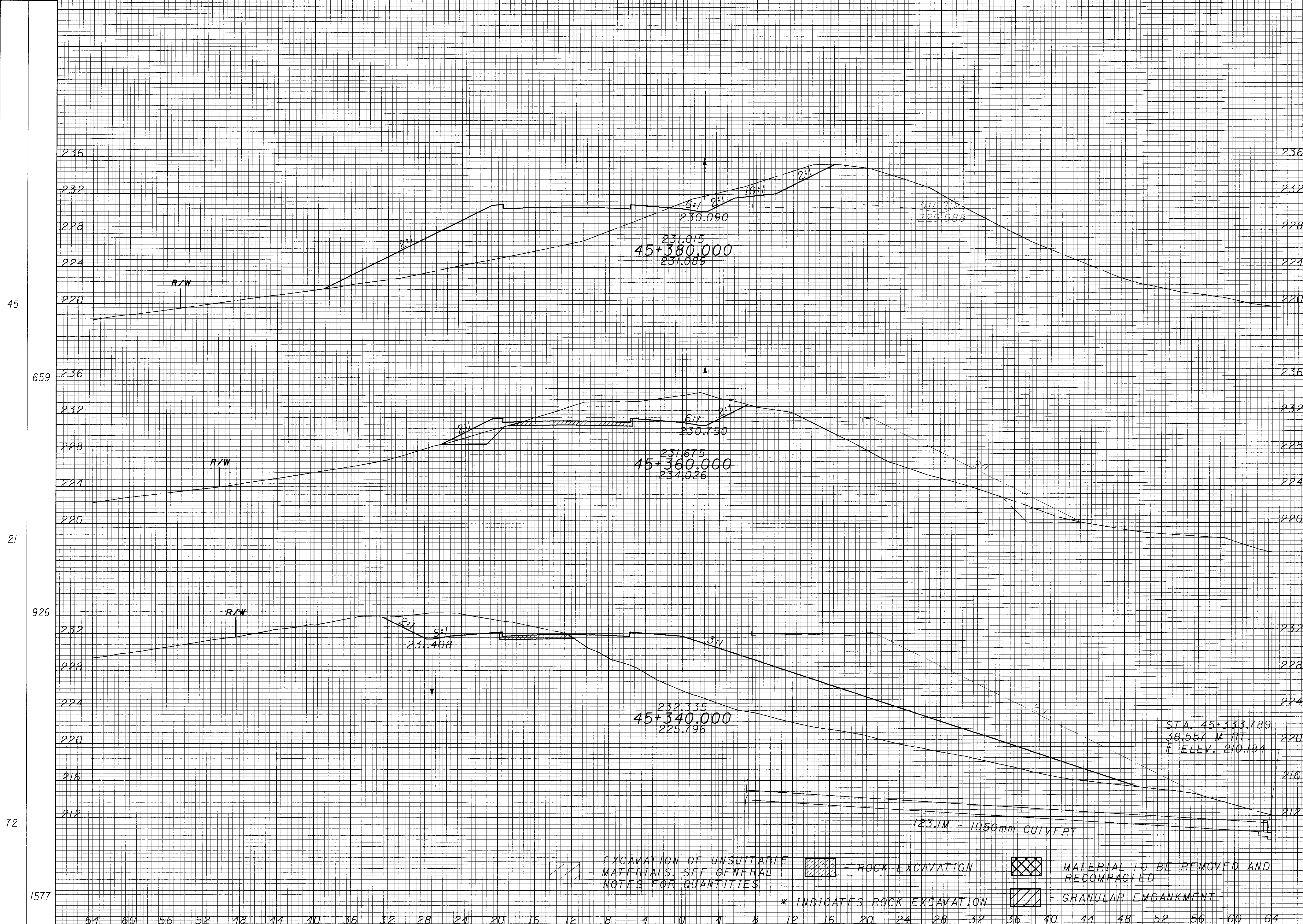
182 3673 SHEET TOTAL

SHEET TOTAL

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SEEDING
END SO.
WIDTH METERS

END AREA
CUT FILL
VOLUME
CUT FILL
CALCULATED
BDD
CHECKED
TDW



END AREA	VOLUME	CALCULATED	BDD	CHECKED	TDW
CUT	FILL				
21	121				
*0					
682	1267				
*60					
47	5				
*6					
773	2268				
*91					
31	221				
*3					
320	10298				
*30					
ROCK TOTAL					
*181					

CROSS SECTIONS - US 33
STA. 45+340.000 TO STA. 45+380.000

ATH-33-40.981

370
949

02/07/2001
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138 3162 SHEET TOTAL

SHEET TOTAL

1775 13833

EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
ROCK EXCAVATION
MATERIAL TO BE REMOVED AND RECOMPACTED
GRANULAR EMBANKMENT
* INDICATES ROCK EXCAVATION

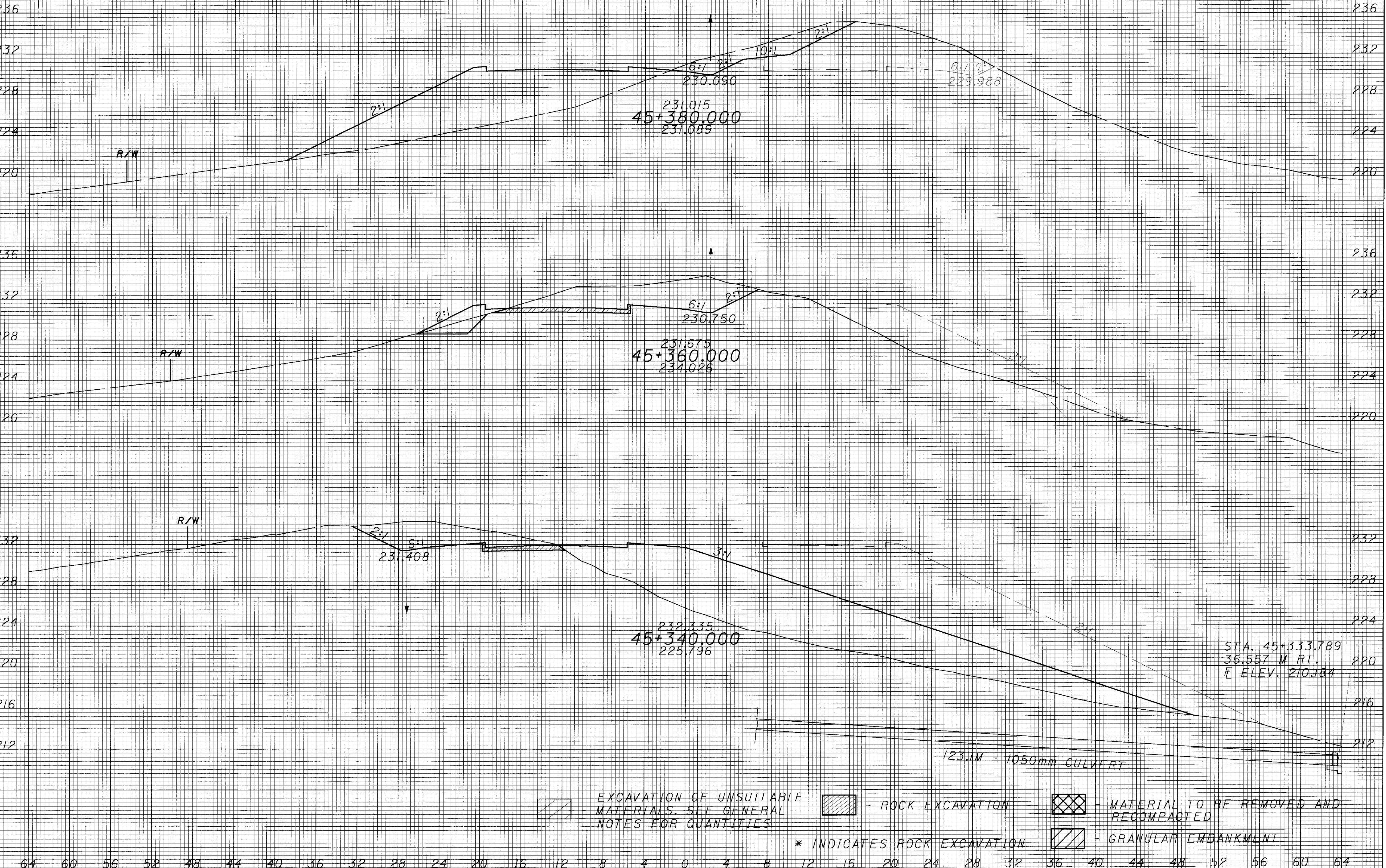
STA. 45+333.789
36.557 M RT.
E ELEV. 210.184

123.1M - 1050mm CULVERT

231.015
45+380.000
231.089

231.675
45+360.000
234.026

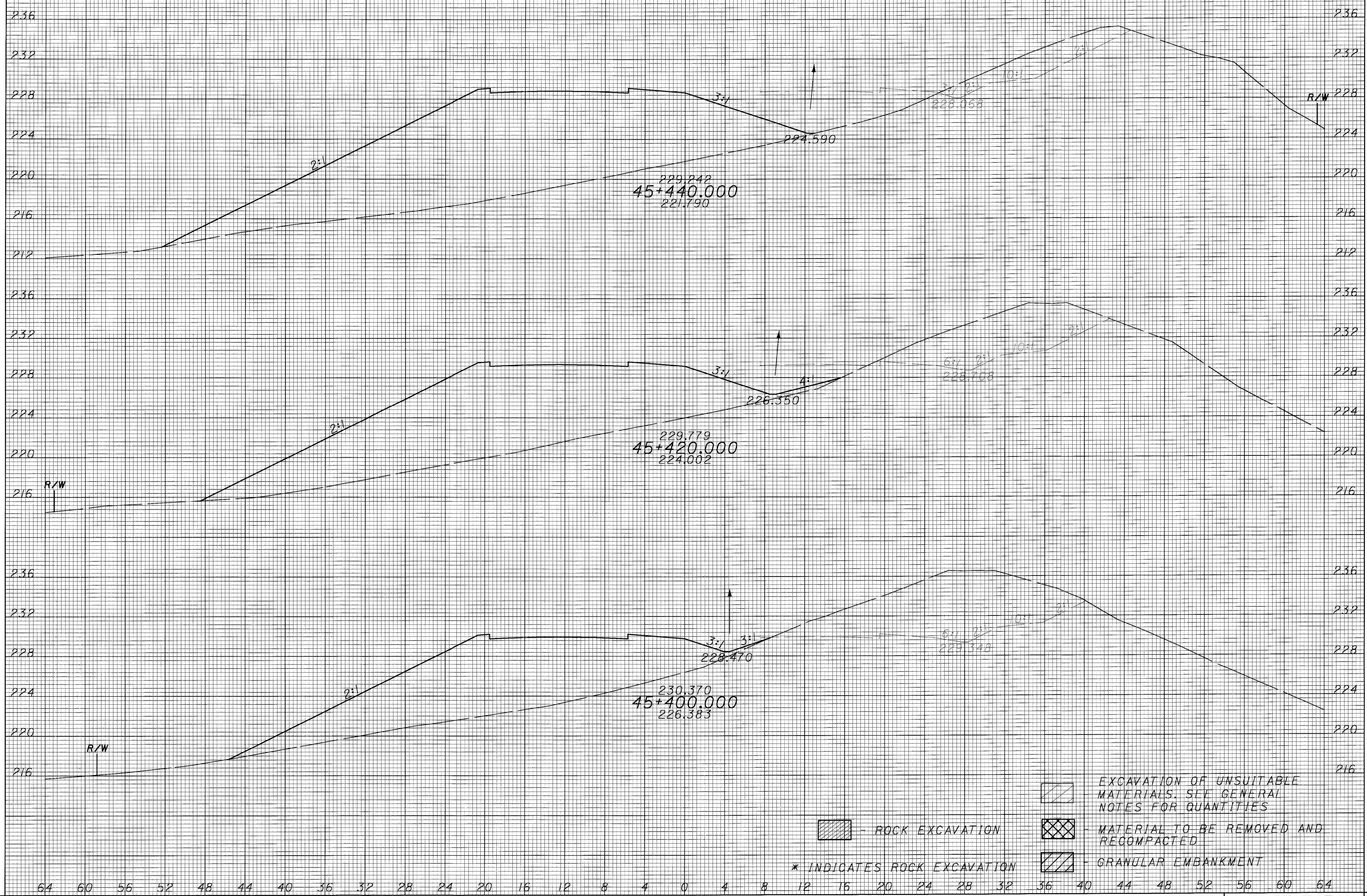
232.335
45+340.000
225.796



64 60 56 52 48 44 40 36 32 28 24 20 16 12 8 4 0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64

02/07/2001
 04:52:30 PM
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SEEDING	
END WIDTH	SO. METERS
64	2970
60	
56	
52	
48	
44	
40	
36	
32	
28	
24	
20	
16	
12	
8	
4	
0	
4	
8	
12	
16	
20	
24	
28	
32	
36	
40	
44	
48	
52	
56	
60	
64	



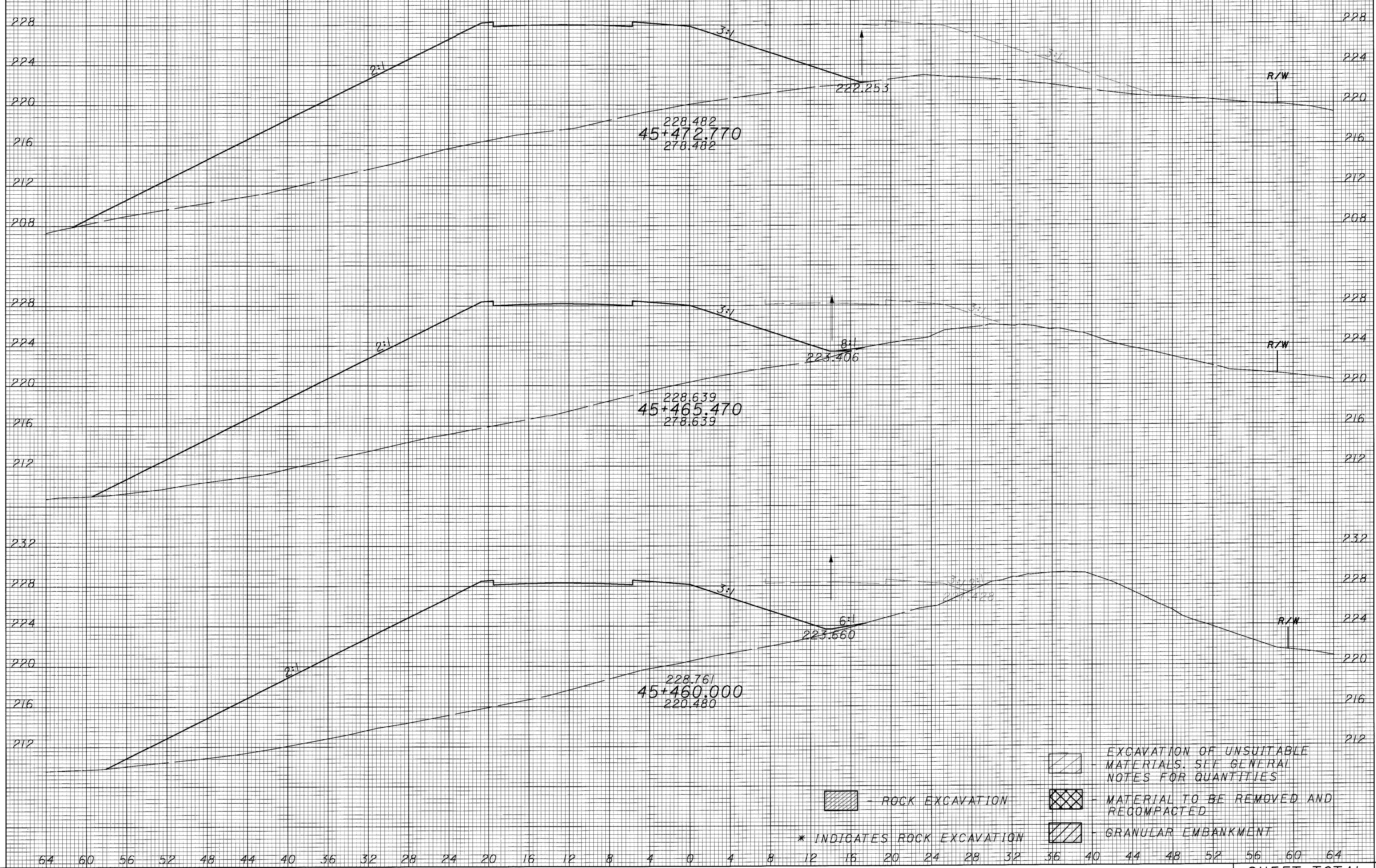
END AREA	VOLUME		CALCULATED	CHECKED
	CUT	FILL		
0	406			
0		7296		
0		5587		
0		235		
214		3563		
ROCK TOTAL				
	214	16446		

- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

CROSS SECTIONS - US 33
STA. 45+400.000 TO STA. 45+440.000
ATH-33-40.981
 371
 949

02/07/2004
 0453501\582\1016-00\dsl\mainline\33xssht.dgn

SEEDING	
END WIDTH	SQ. METERS
64	
60	
56	
52	
48	
44	
40	
36	
32	
28	
24	
20	
16	
12	
8	
4	
0	
4	
8	
12	
16	
20	
24	
28	
32	
36	
40	
44	
48	
52	
56	
60	
64	
1231	
67	
367	
67	
505	
71	
205	2103



END AREA	VOLUME		CALCULATED	BDD	CHECKED	TDW
	CUT	FILL				
	0	524				
	0	3846				
	0	529				
	0	2869				
	0	520				
	0	9256				
ROCK TOTAL						
	0	15971				

CROSS SECTIONS - US 33
 STA. 45+460.000 TO STA. 45+472.770

ATH-33-40.981

372
 949

- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

SHEET TOTAL

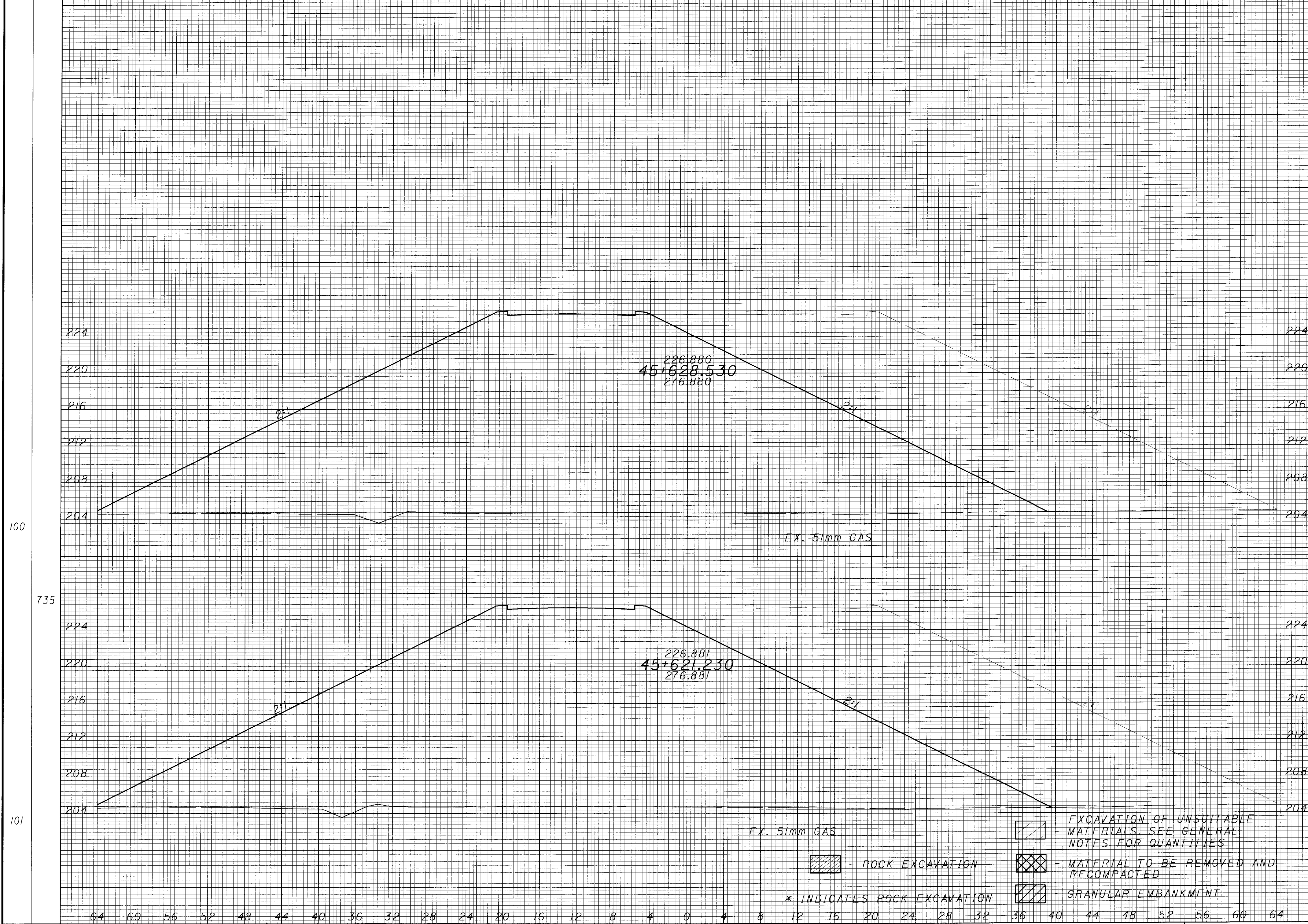
SHEET TOTAL

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SEEDING	
END WIDTH	SO. METERS

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED	CHECKED
BBD	TBW



0	1317	0	9631
0	1322	0	0
ROCK TOTAL		0	9631

64	60	56	52	48	44	40	36	32	28	24	20	16	12	8	4	0	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64
201	735	SHEET TOTAL															Q	SHEET TOTAL														

CROSS SECTIONS - US 33
 STA. 45+621.230 TO STA. 45+628.530

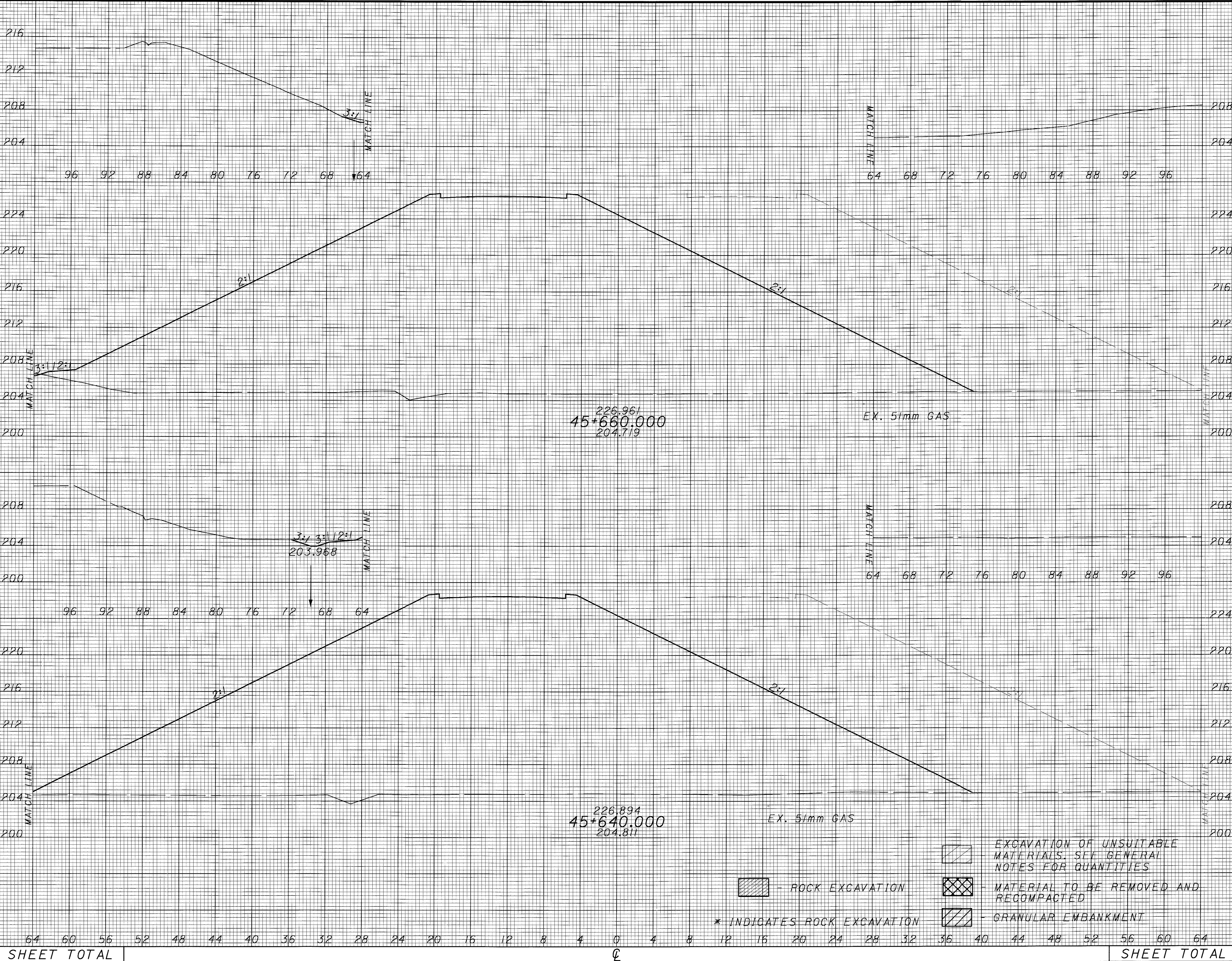
ATH-33-40.981

373
 949

SEEDING
END WIDTH SQ. METERS

208 3282

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END AREA	VOLUME		CALCULATED BBB	CHECKED TOW
	CUT	FILL		
1	1306			
		26	26201	
2	1314			
		12	15089	
ROCK TOTAL				
SHEET TOTAL		38	41290	

- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION
- EX. 51mm GAS

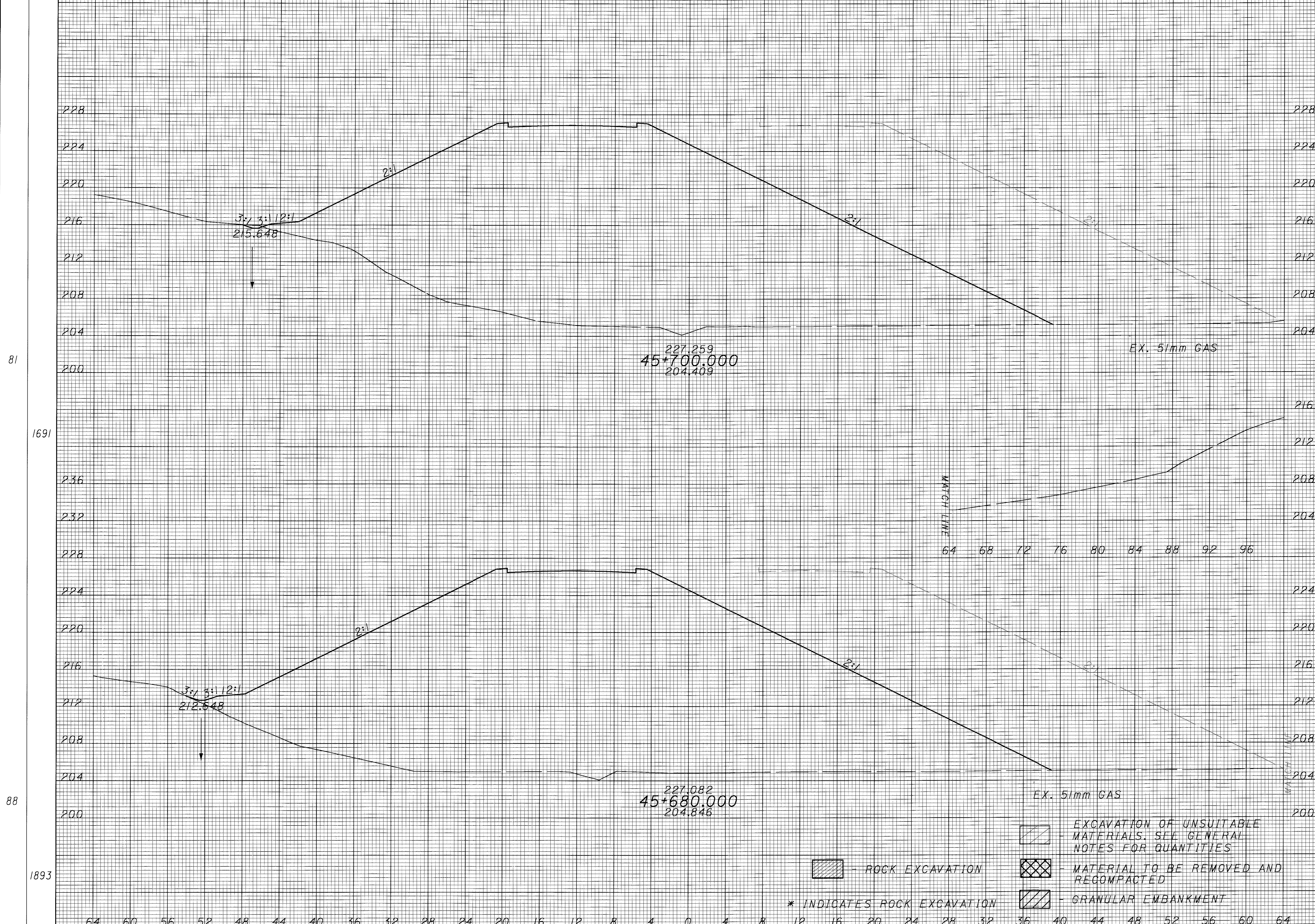
CROSS SECTIONS - US 33
STA. 45+640.000 TO STA. 45+660.000

ATH-33-40.981

374
949

SEEDING
END SQ.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BBD
CHECKED
TDW



227.259
45+700.000
204.409

227.082
45+680.000
204.846

81

1691

88

1893

0 1071

4 22798

0 1209

6 25147

ROCK TOTAL

10 47945

169 3584 SHEET TOTAL

SHEET TOTAL

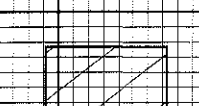
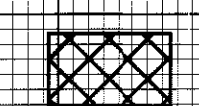
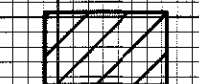
CROSS SECTIONS - US 33
STA. 45+680.000 TO STA. 45+700.000

ATH - 33-40.981

375
949

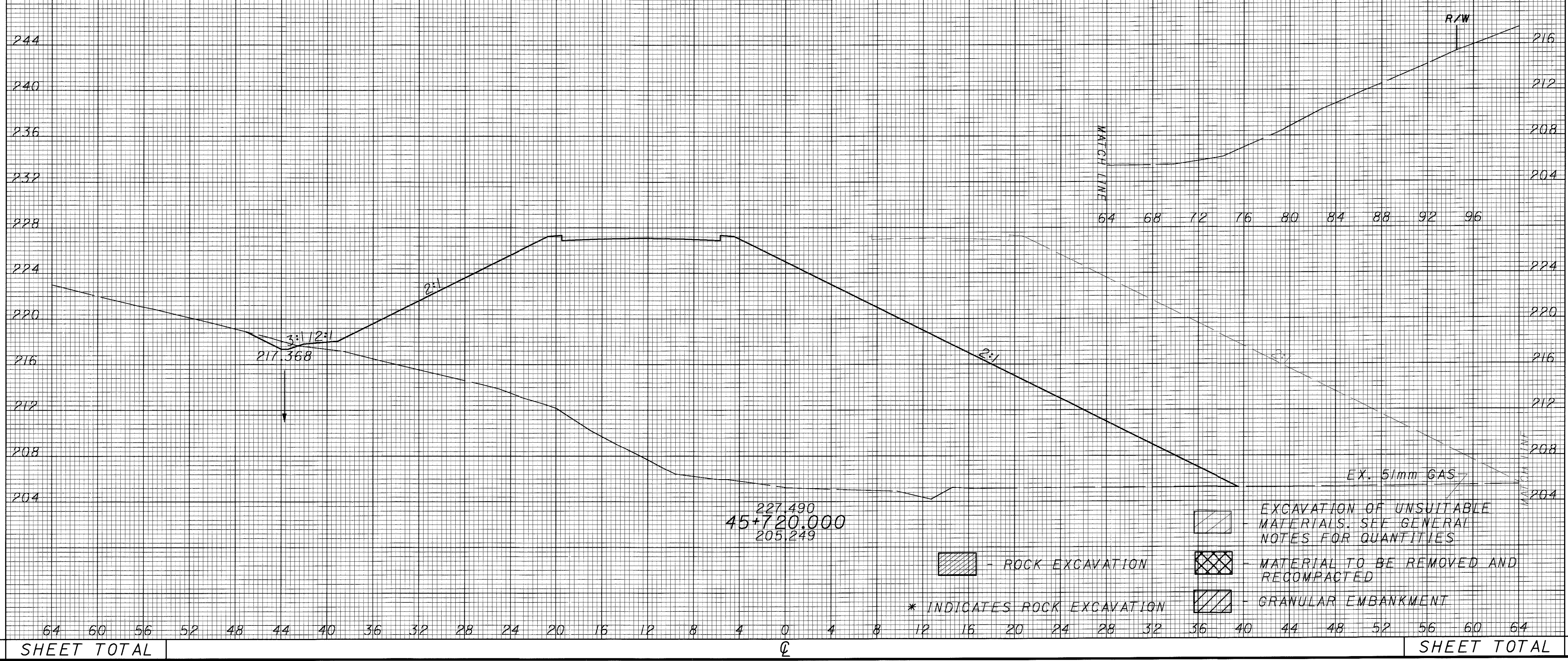
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* INDICATES ROCK EXCAVATION

-  EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
-  MATERIAL TO BE REMOVED AND RECOMPACTED
-  GRANULAR EMBANKMENT

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SEEDING	
END WIDTH	SO. METERS
81	1618
1618	
SHEET TOTAL	



227,490
 45+720.000
 205,249

- EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT

* INDICATES ROCK EXCAVATION

END AREA	VOLUME		CALCULATED	CHECKED
	CUT	FILL		
2	934			
			21	20046
ROCK TOTAL				
			21	20046

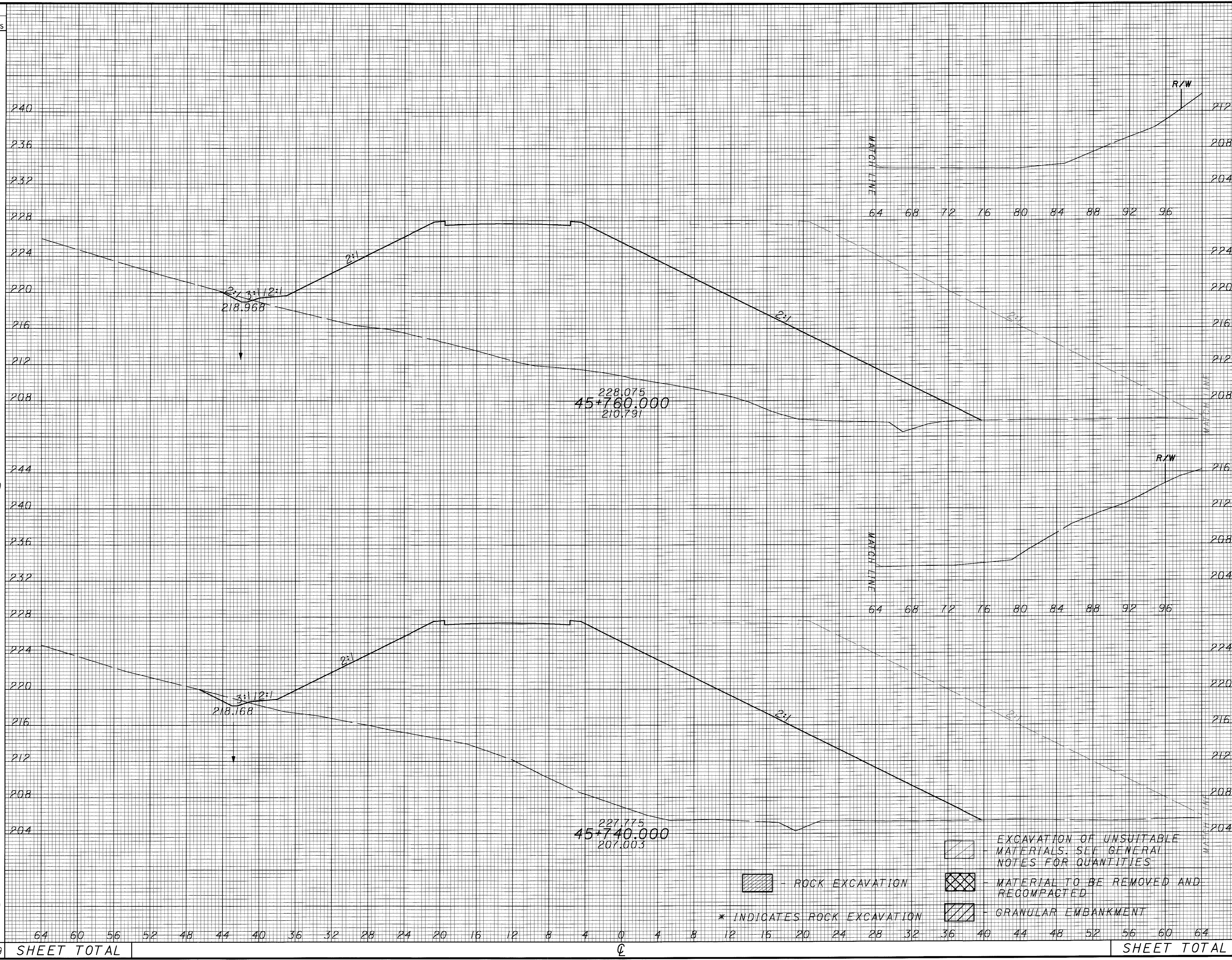
CROSS SECTIONS - US 33
 STA. 45+720.000

ATH-33-40.981

376
 949

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SEEDING	
END WIDTH	SO. METERS
158	3189



END AREA	VOLUME		CALCULATED	CHECKED
	CUT	FILL		
1	774			
34	16225			
2	849			
41	17824			
ROCK TOTAL				
SHEET TOTAL		75	34049	

**CROSS SECTIONS - US 33
STA. 45+740.000 TO STA. 45+760.000**

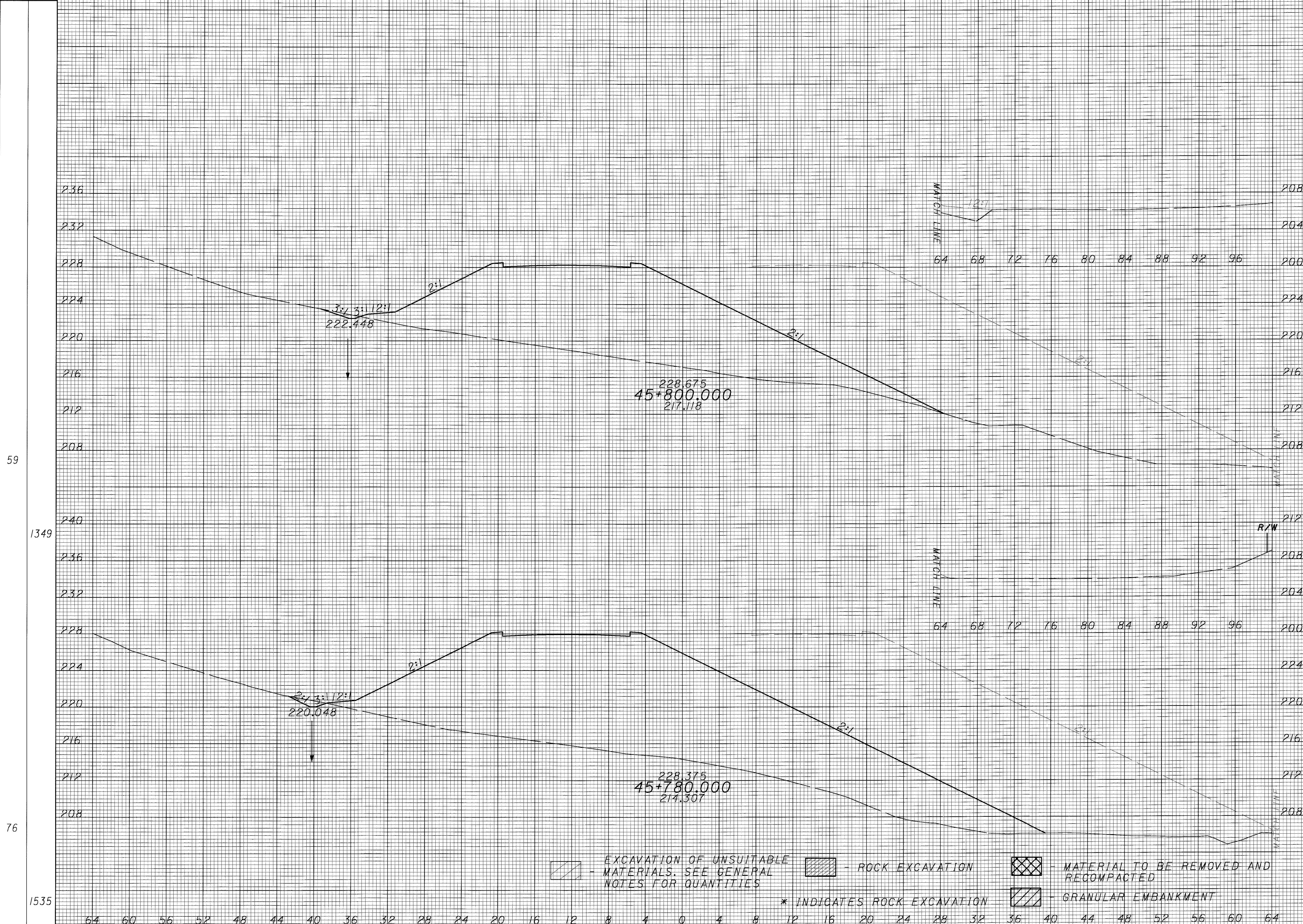
ATH-33-40.981

377
949

- EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

SEEDING
END SO.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BDD
CHECKED
TDW



SECTION	END AREA		VOLUME	
	CUT	FILL	CUT	FILL
1		363		
2		598		
ROCK TOTAL				
SHEET TOTAL			52	23337

EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
 - ROCK EXCAVATION
 - MATERIAL TO BE REMOVED AND RECOMPACTED
 - GRANULAR EMBANKMENT
 * INDICATES ROCK EXCAVATION

CROSS SECTIONS - US 33
 STA. 45+780.000 TO STA. 45+800.000

ATH-33-40.981

378
 949

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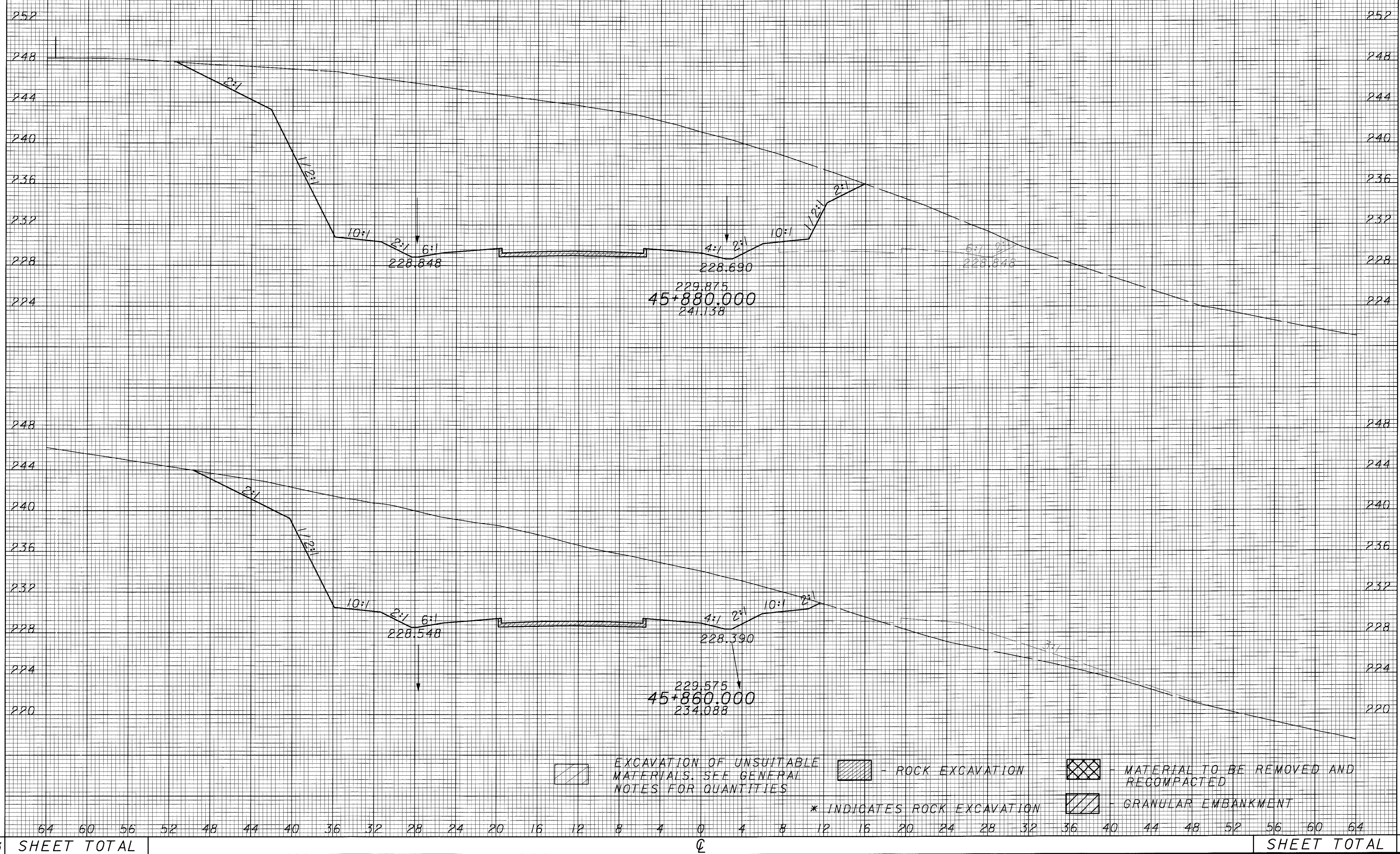
135 2884 SHEET TOTAL

SHEET TOTAL

Q

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SEEDING	
END WIDTH	SQ. METERS
93	1893
SHEET TOTAL	



EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
 ROCK EXCAVATION
 MATERIAL TO BE REMOVED AND RECOMPACTED
 GRANULAR EMBANKMENT
 * INDICATES ROCK EXCAVATION

END AREA	VOLUME		CALCULATED	CHECKED
	CUT	FILL		
734	0			
*6				
11252	0			
*129				
391	0			
*6				
4645	275			
*101				
ROCK TOTAL				
*230				
SHEET TOTAL				
15897	275			

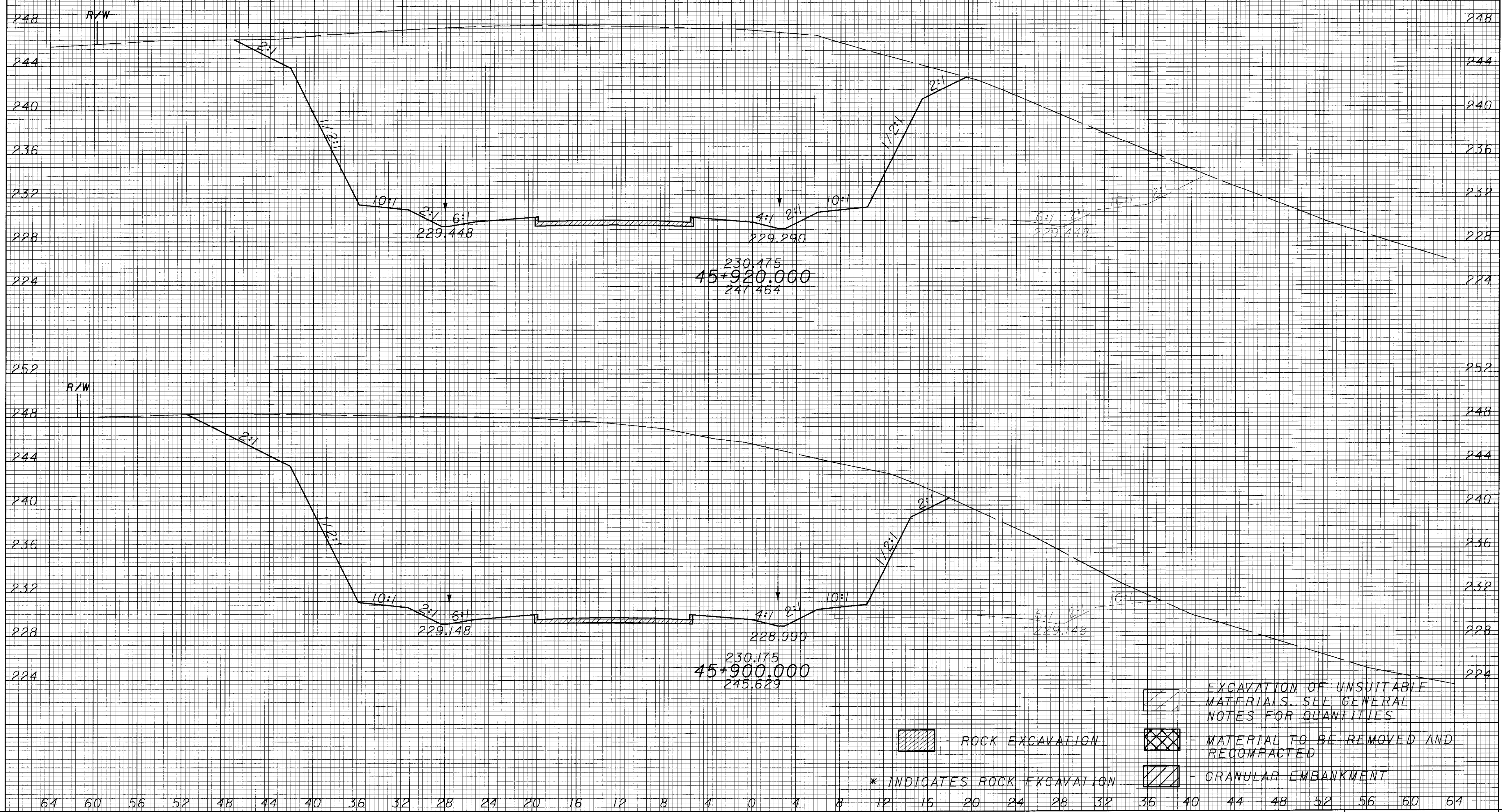
CROSS SECTIONS - US 33
STA. 45+860.000 TO STA. 45+880.000

ATH-33-40.981

380
 949

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SEEDING	
END WIDTH	SO. METERS
92	1871



END AREA	VOLUME		CALCULATED	CHECKED	TDW
	CUT	FILL			
915	0				
*6					
911	0				
*6					
ROCK TOTAL	*258				
SHEET TOTAL	34717	0			

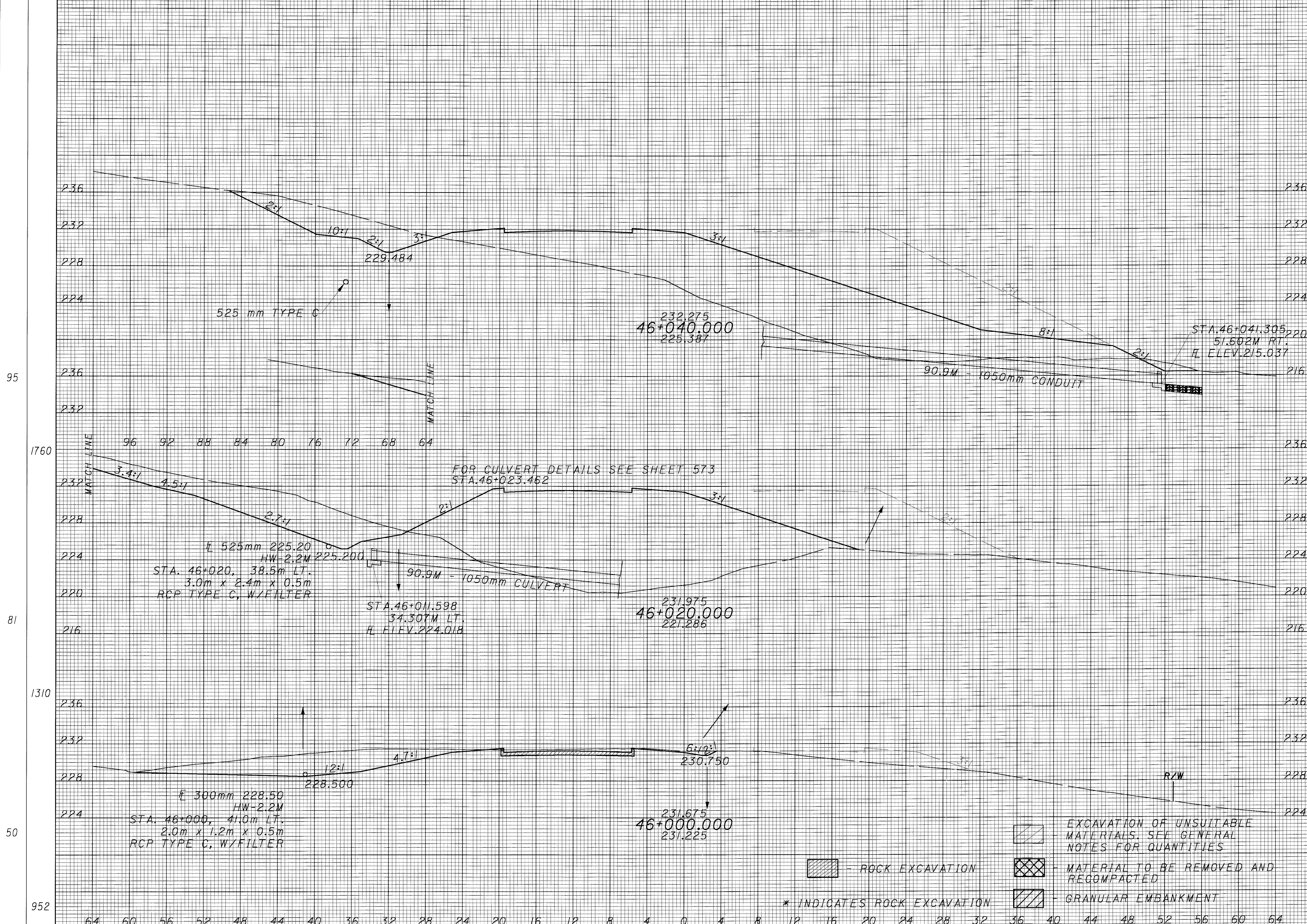
CROSS SECTIONS - US 33
 STA. 45+900.000 TO STA. 45+920.000

ATH-33-40.981

381
 949

SEEDING
END SO.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BBD
CHECKED
TDW



END AREA	VOLUME		CALCULATED	BBD	CHECKED	TDW
	CUT	FILL				
49	317					
95	1395	6522				
1760						
91	336					
*0						
81	1485	3357				
*60						
1310						
58	0					
*6						
50	4196	2				
*128						
952						
ROCK TOTAL	*188					
226	4022					
SHEET TOTAL						
SHEET TOTAL		7076	9881			

CROSS SECTIONS - US 33
STA. 46+000.000 TO STA. 46+040.000

ATH-33-40.981

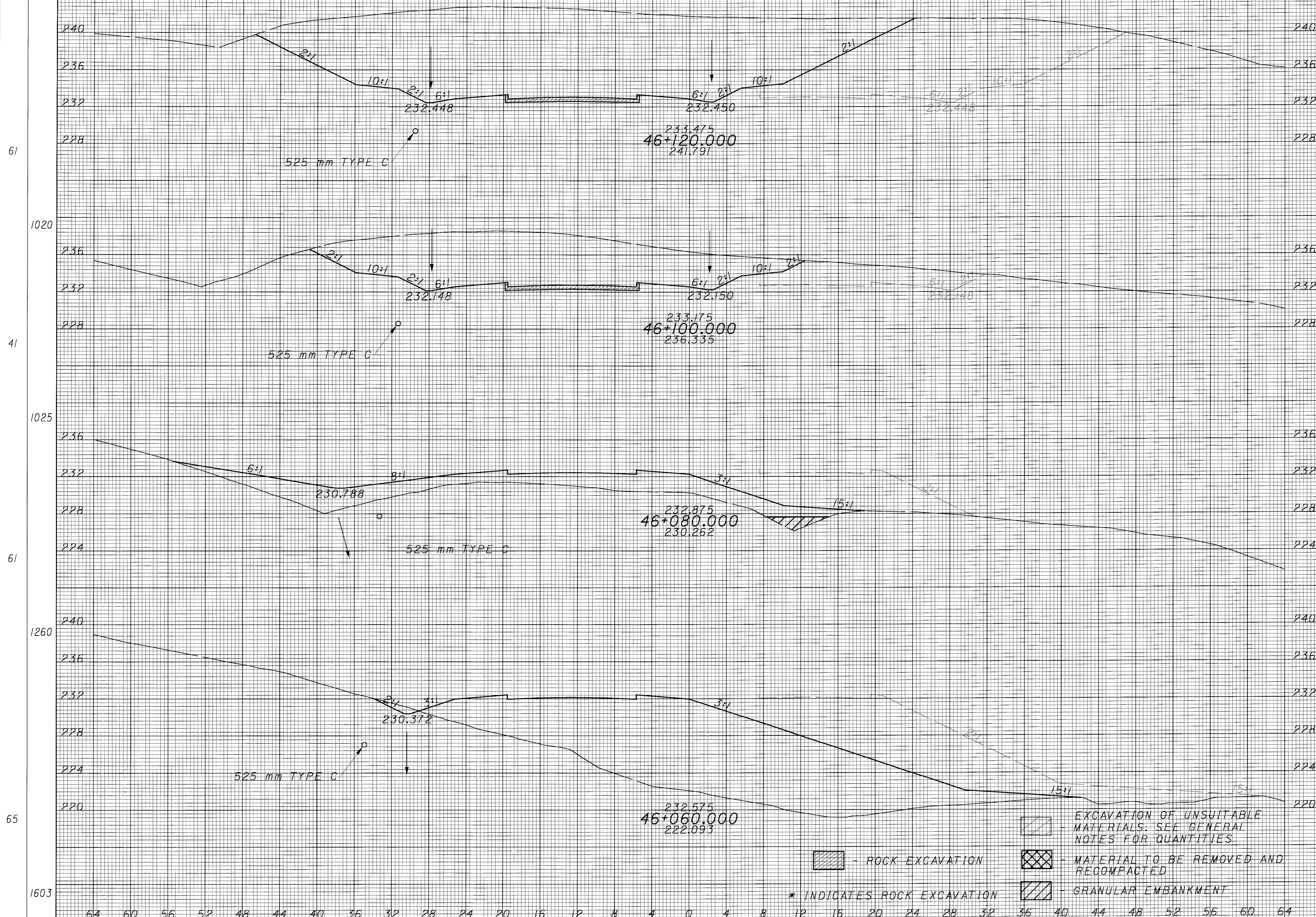
383
949

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SEEDING
END SO.
WIDTH METERS

END AREA
CUT FILL
VOLUME
CUT FILL

CALCULATED
BDD
CHECKED
TDW



STATION	END AREA		VOLUME	
	CUT	FILL	CUT	FILL
46+120.000	505	0	7238	0
46+100.000	218	0	2185	1133
46+080.000	0	113	21	4897
ROCK TOTAL	*193			
SHEET TOTAL	9952	12960		

CROSS SECTIONS - US 33
STA. 46+060.000 TO STA. 46+120.000

ATH-33-40.981

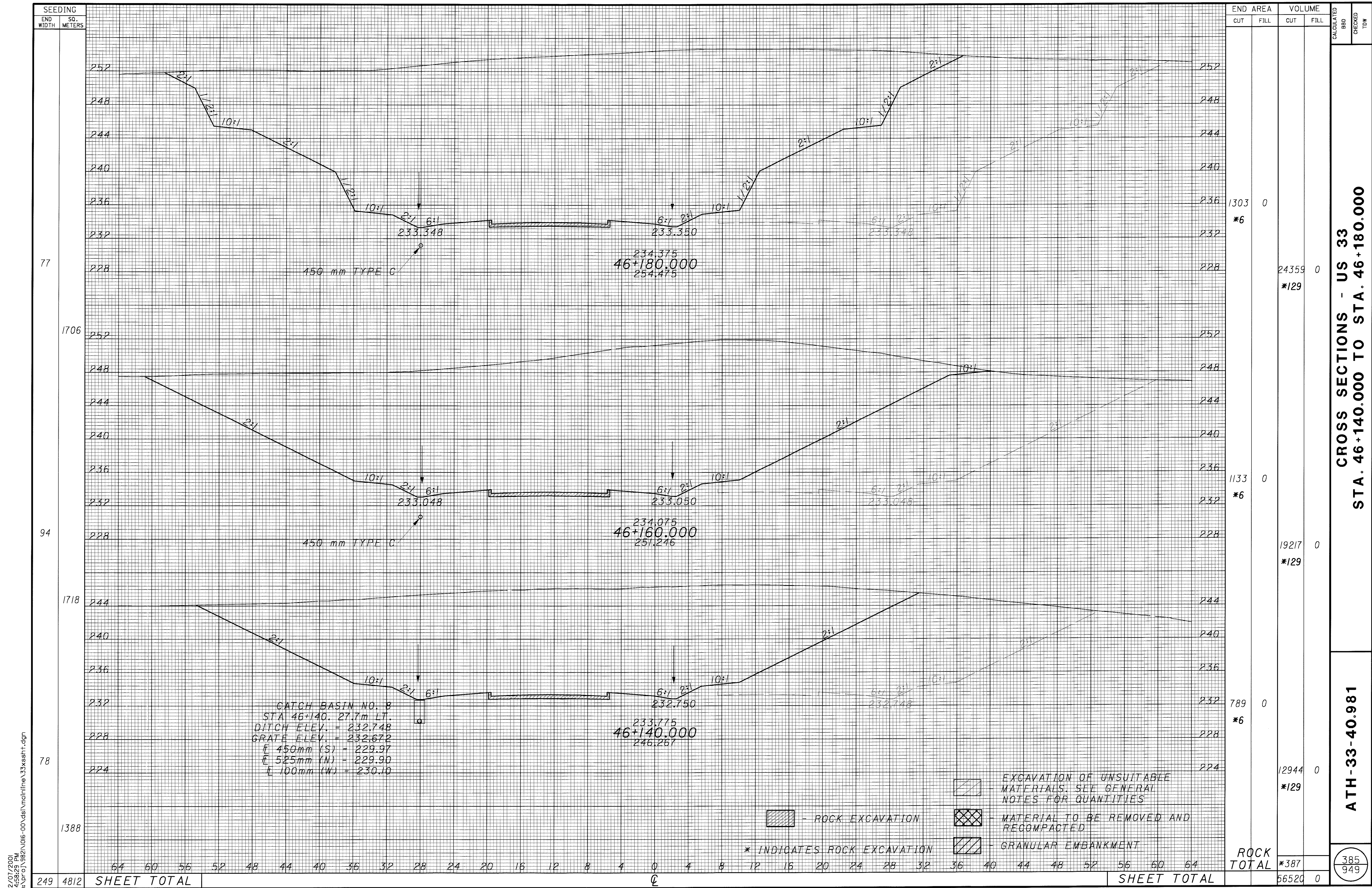
384
949

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228 4908 SHEET TOTAL

SHEET TOTAL

Q



CATCH BASIN NO. 8
 STA 46+140.27.7m LT.
 DITCH ELEV. = 232.748
 GRATE ELEV. = 232.672
 L 450mm (S) = 229.97
 L 525mm (N) = 229.90
 L 100mm (W) = 230.10

- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

END STA	END AREA		VOLUME		CALCULATED	BDD	CHECKED	TDW
	CUT	FILL	CUT	FILL				
77	1303	0	*6	0	24359			
94	1133	0	*6	0	19217			
78	789	0	*6	0	12944			
1388								
ROCK TOTAL					*387			
SHEET TOTAL					56520			

CROSS SECTIONS - US 33
STA. 46+140.000 TO STA. 46+180.000

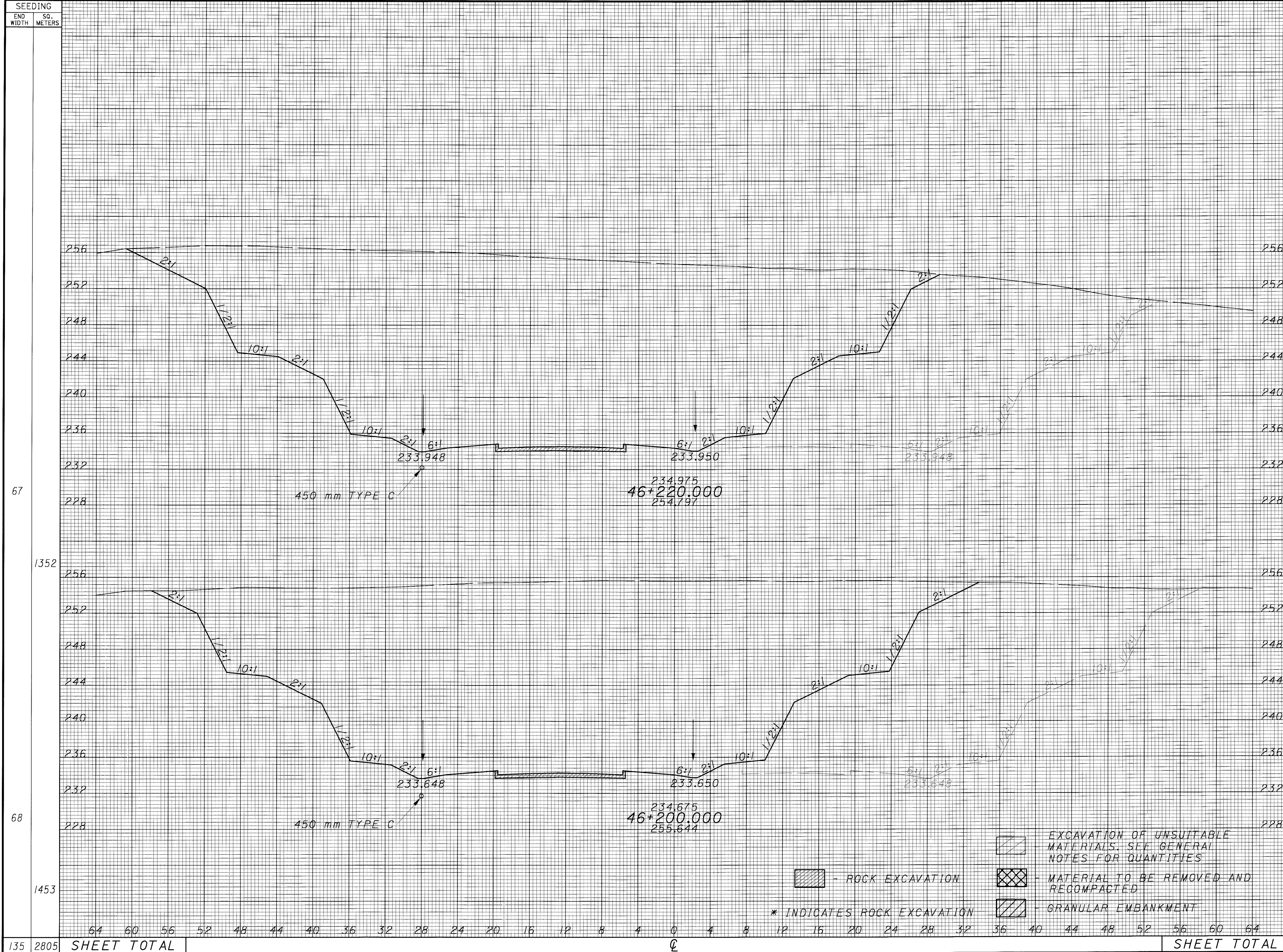
ATH-33-40.981

385
 949

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SEEDING
END SQ.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
CHECKED
TOW



STATION	END AREA		VOLUME		CALCULATED	CHECKED
	CUT	FILL	CUT	FILL		
67	1339	0	*6	0		
68	1358	0	*6	0		
ROCK TOTAL			*258	0		
SHEET TOTAL	135	2805	53570	0		

- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION
- EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES

CROSS SECTIONS - US 33
STA. 46+200.000 TO STA. 46+220.000

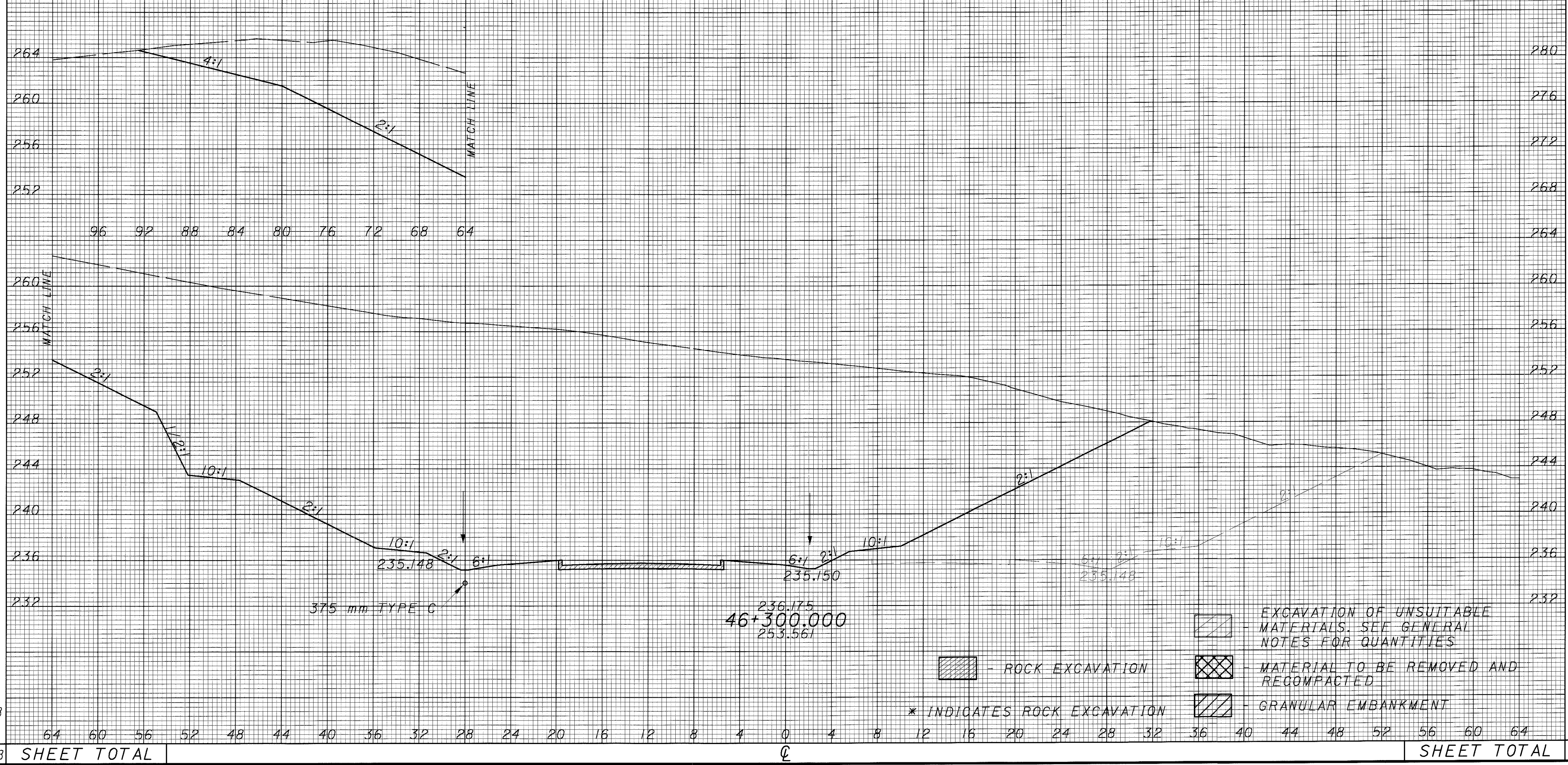
ATH-33-40.981

386
949

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02/07/2001
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SEEDING	
END WIDTH	SO. METERS
116	2278
116	2278



END AREA	VOLUME	CALCULATED	CHECKED
1623	0		
*6			
		34450	0
		*129	
ROCK TOTAL			
		*129	
SHEET TOTAL		34450	0

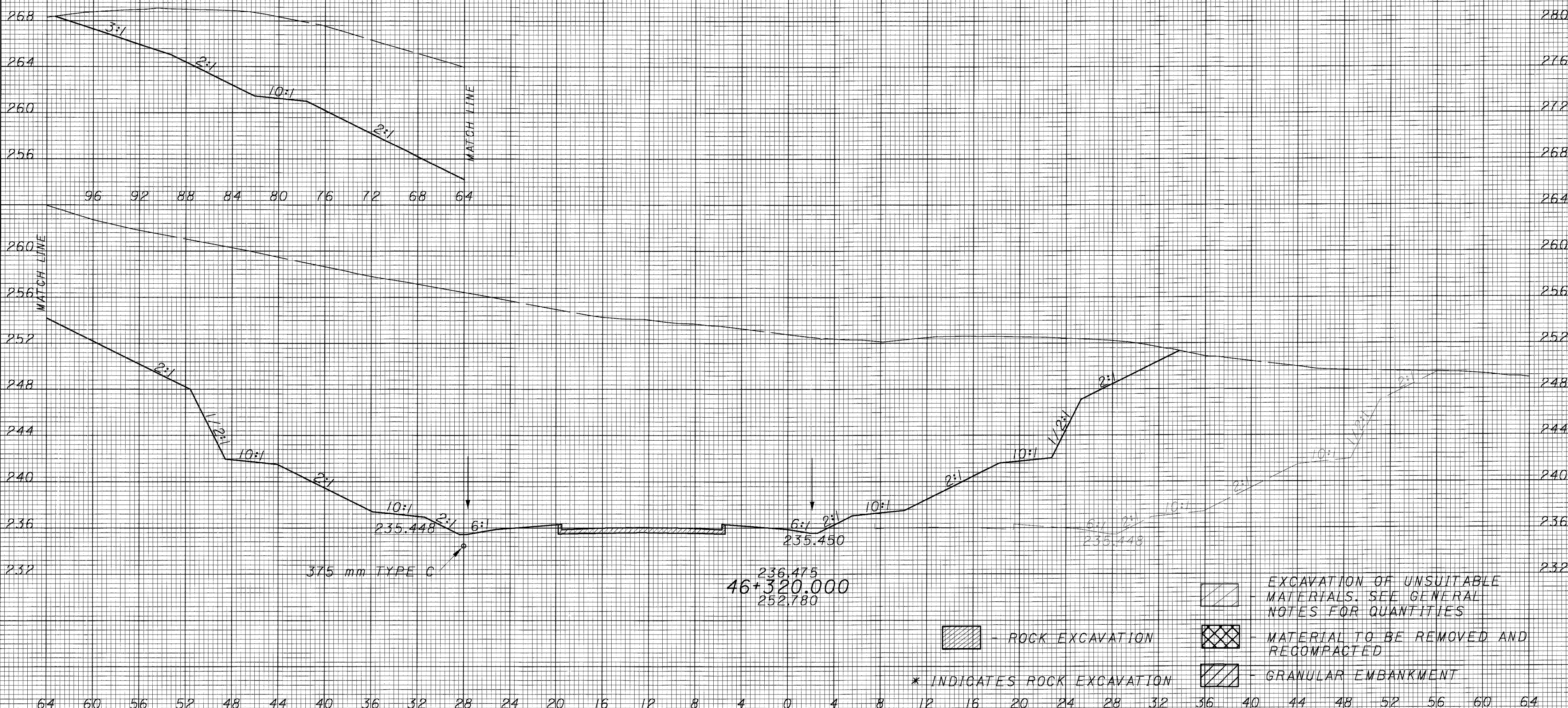
CROSS SECTIONS - US 33
 STA. 46+300.000

ATH-33-40.981

390
 949

SEEDING
END SO.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BBD
CHECKED
TDW



CROSS SECTIONS - US 33
STA. 46+320.000

ATH-33-40.981

391
949

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134
4930

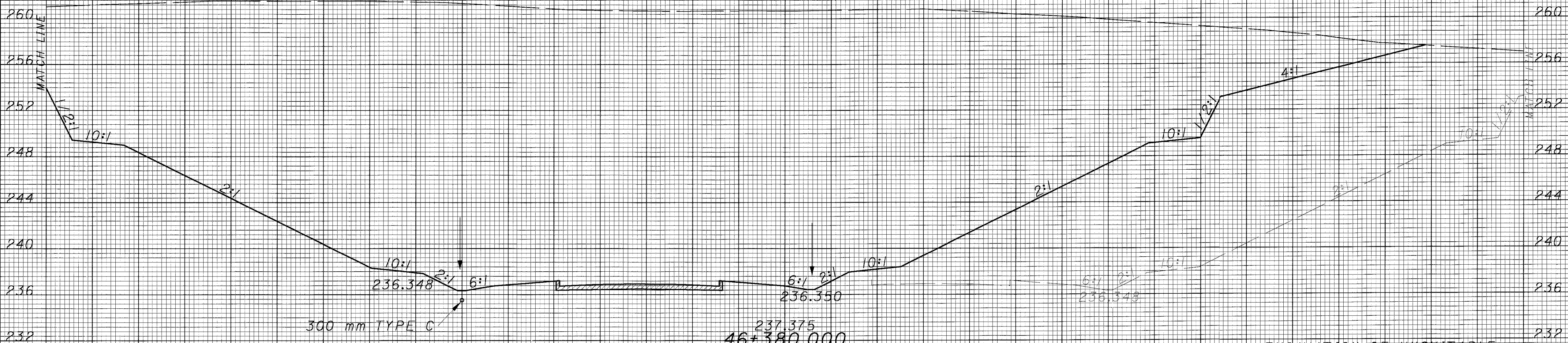
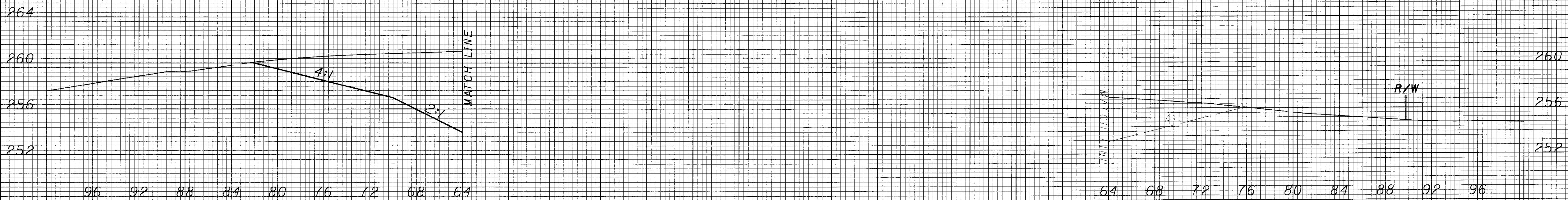
134 4930 SHEET TOTAL

SHEET TOTAL

1665	0
*6	
32886	0
*129	
ROCK TOTAL	*129
32886	0

SEEDING
END SO.
WIDTH METERS

END AREA
CUT FILL
VOLUME
CUT FILL
CALCULATED
BBD
CHECKED
TDW



237.375
46+380.000
260.681

300 mm TYPE C

- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION
- EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES

2072	0
*6	
41429	0
*129	
ROCK TOTAL	*129
SHEET TOTAL	41429 0

CROSS SECTIONS - US 33
STA. 46+380.000

ATH-33-40.981

394
949

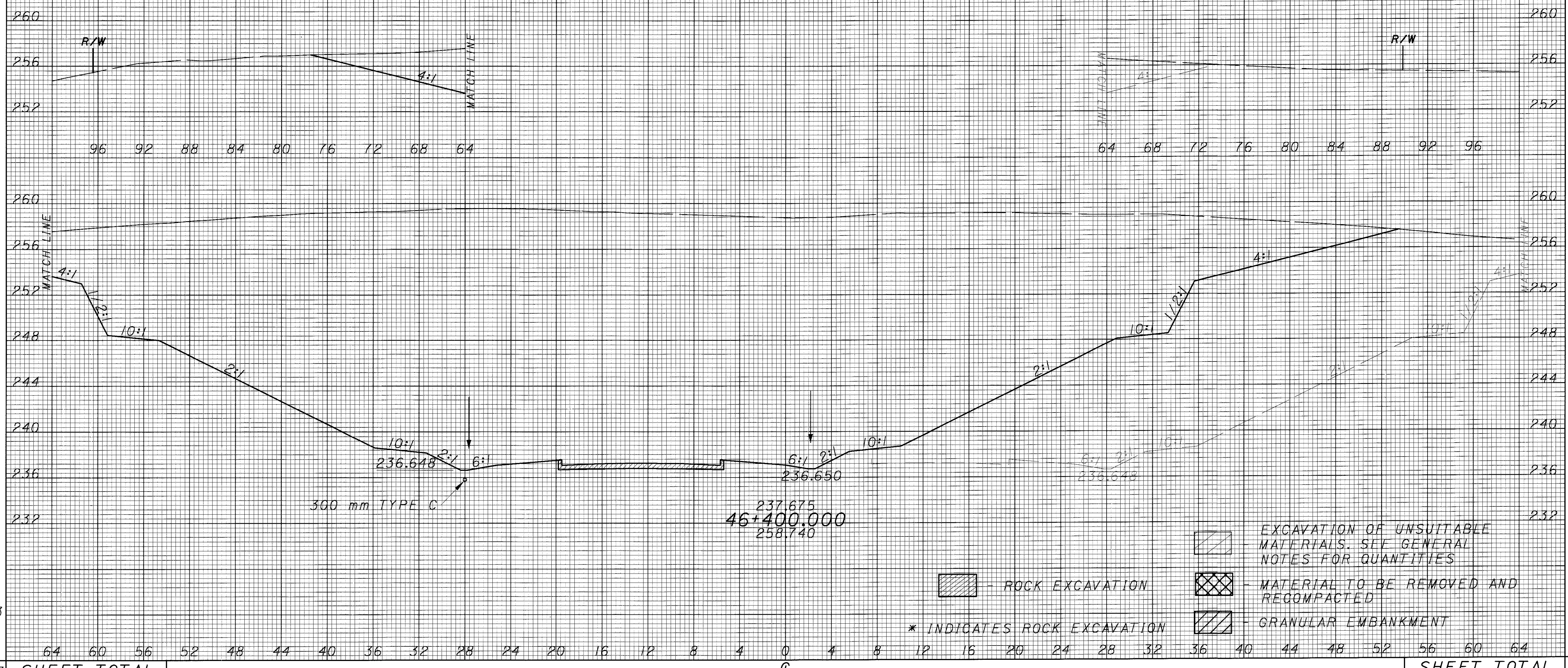
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127 2503 SHEET TOTAL

SHEET TOTAL

SEEDING
END SO.
WIDTH METERS

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
BDD
CHECKED
TDW



119 2463 SHEET TOTAL

1799	0		
*6			
		38714	0
		*129	
ROCK TOTAL	*129		
SHEET TOTAL		38714	0

- * INDICATES ROCK EXCAVATION
- EXCAVATION OF UNSUITABLE MATERIALS. SEE GENERAL NOTES FOR QUANTITIES
- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT

CROSS SECTIONS - US 33
STA. 46+400.000

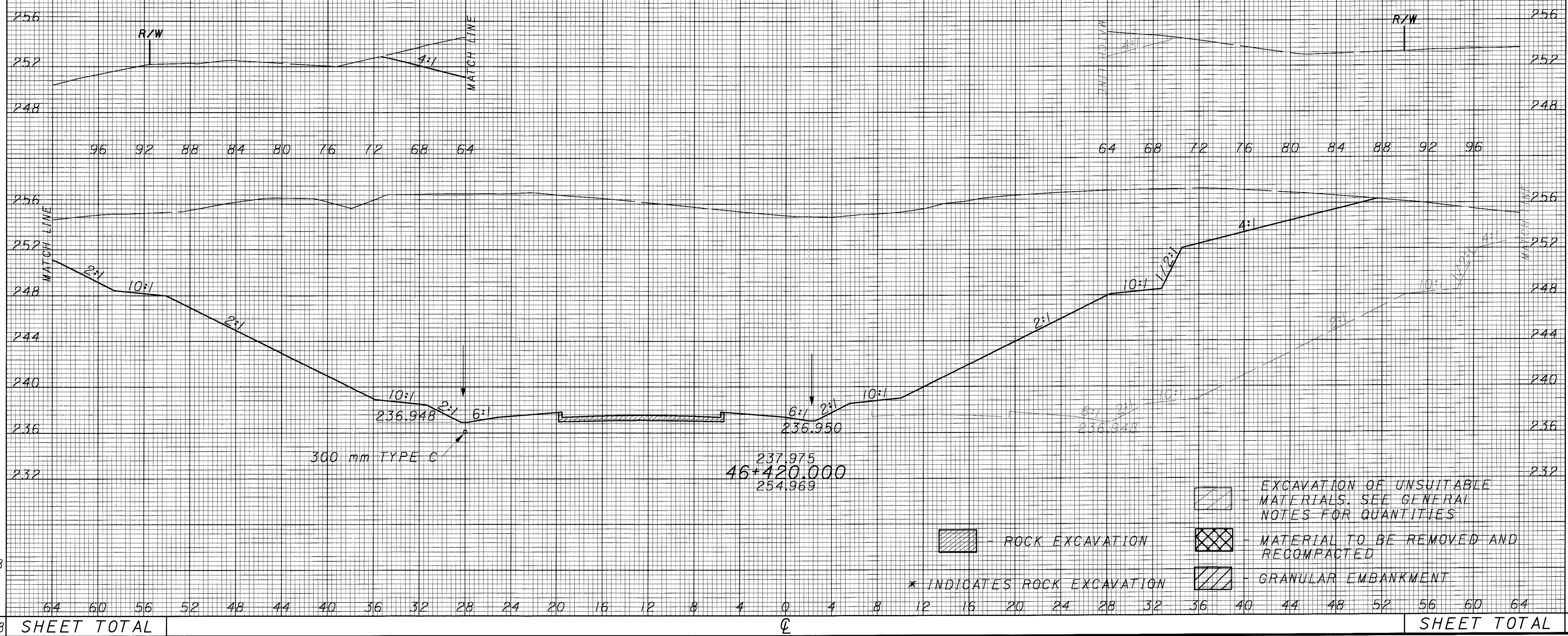
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395
949

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SEEDING	
END WIDTH	SO. METERS
114	2328
114	2328



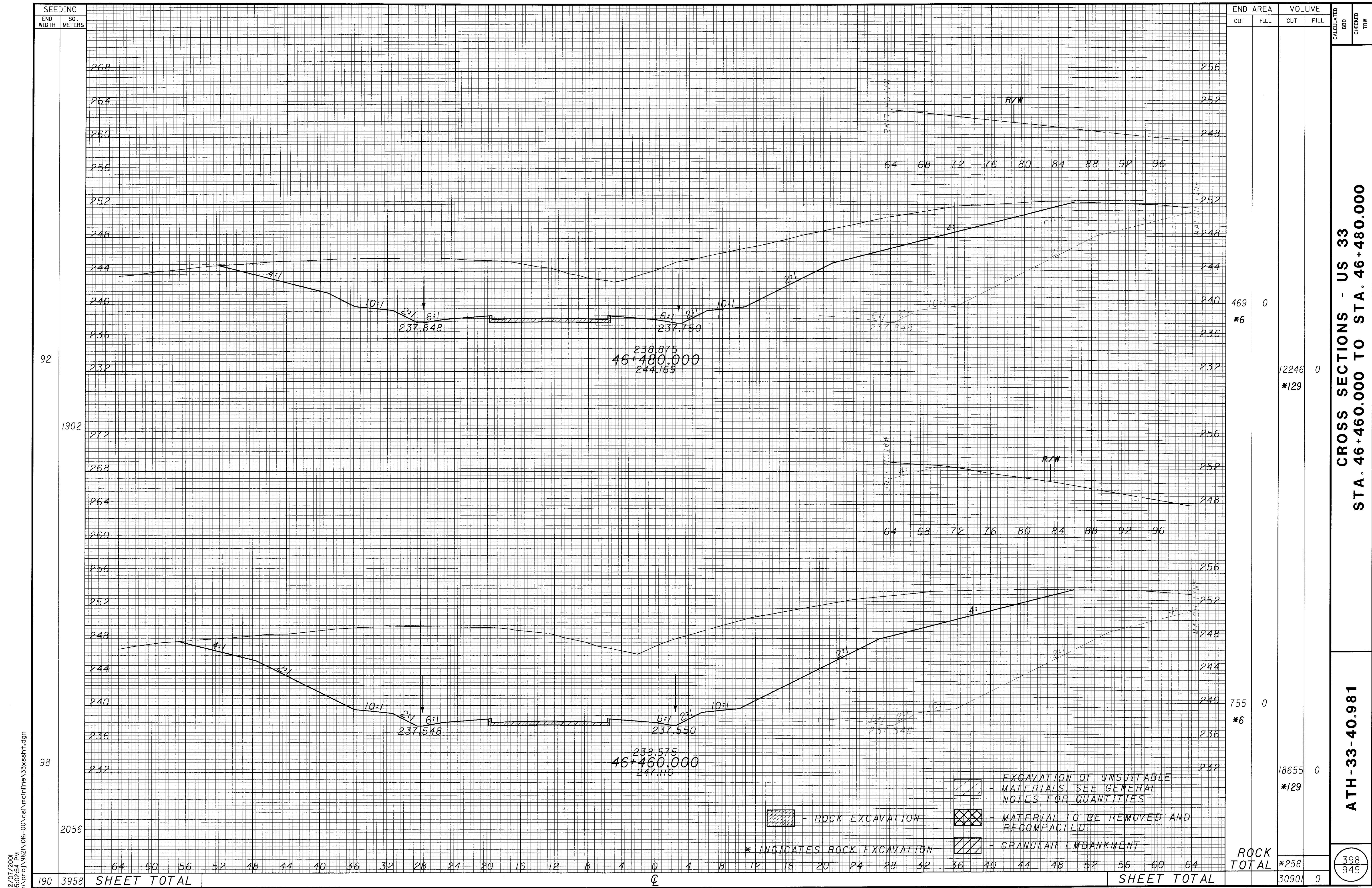
- ROCK EXCAVATION
- MATERIAL TO BE REMOVED AND RECOMPACTED
- GRANULAR EMBANKMENT
- * INDICATES ROCK EXCAVATION

END AREA	VOLUME		CALCULATED BDD	CHECKED TDW
	CUT	FILL		
1475	0			
*6				
	32746	0		
	*129			
ROCK TOTAL	*129			
SHEET TOTAL	32746	0		

CROSS SECTIONS - US 33
STA. 46+420.000

ATH-33-40.981

396
 949



SEEDING	
END WIDTH	SO. METERS
268	256
264	252
260	248
256	244
252	240
248	236
244	232
240	228
236	224
232	220
228	216
224	212
220	208
216	204
212	200
208	196
204	192
200	188
196	184
192	180
188	176
184	172
180	168
176	164
172	160
168	156
164	152
160	148
156	144
152	140
148	136
144	132
140	128
136	124
132	120
128	116
124	112
120	108
116	104
112	100
108	96
104	92
100	88
96	84
92	80
88	76
84	72
80	68
76	64
72	60
68	56
64	52
60	48
56	44
52	40
48	36
44	32
40	28
36	24
32	20
28	16
24	12
20	8
16	4
12	0
8	4
4	8
0	12
4	16
8	20
12	24
16	28
20	32
24	36
28	40
32	44
36	48
40	52
44	56
48	60
52	64
56	68
60	72
64	76
68	80
72	84
76	88
80	92
84	96
88	100
92	104
96	108
100	112
104	116
108	120
112	124
116	128
120	132
124	136
128	140
132	144
136	148
140	152
144	156
148	160
152	164
156	168
160	172
164	176
168	180
172	184
176	188
180	192
184	196
188	200
192	204
196	208
200	212
204	216
208	220
212	224
216	228
220	232
224	236
228	240
232	244
236	248
240	252
244	256
248	260
252	264
256	268

END AREA	VOLUME		CALCULATED	CHECKED
	CUT	FILL		
469	0			
*6				
		12246	0	
		*129		
755	0			
*6				
		18655	0	
		*129		
ROCK TOTAL	*258			
		30901	0	

CROSS SECTIONS - US 33
 STA. 46+460.000 TO STA. 46+480.000

ATH-33-40.981

398
 949

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190 3958 SHEET TOTAL

SHEET TOTAL

Q

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SEEDING
 END SO.
 WIDTH METERS

215 4699
 51
 1336
 83
 1635
 81
 1728



END AREA	VOLUME		CALCULATED BBD	CHECKED TDW
	CUT	FILL		
109	13			
*4				
	2734	535		
*76				
165	40			
*4				
	4346	403		
*105				
270	0			
*6				
	7390	0		
*129				
ROCK TOTAL				
*310				
SHEET TOTAL		14470	938	

CROSS SECTIONS - US 33
 STA. 46+500.000 TO STA. 46+540.000
 ATH-33-40.981
 399
 949

64 60 56 52 48 44 40 36 32 28 24 20 16 12 8 4 0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64
 SHEET TOTAL