

# DETAIL SUMMARY SHEET OF MISCELLANEOUS QUANTITIES & ESTIMATE OF QUANTITIES

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN, EDITION OF 1941  
 APPROVED SEPT. 26, 1941, FEDERAL AID SPECIAL PROVISIONS APPROVED AS STANDARD NOV. 8, 1948 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS

## ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY
SP	CLEARING & GRUBBING	STA	182
2106-3	STONE PILES & STONE FENCES	C.Y.	490
SP	UNCLASSIFIED EXCAVATION	C.Y.	7,943
SP	BORROW EXCAVATION	C.Y.	6,649
SP	GRADING & RESHAPING	STA	416
2110-1	SAND GRAVEL FILL	C.Y.	23,523
2324-1	GRAVEL OR CR. STONE BASE COURSE	C.Y.	21,737
SP	BIT. MAT. FURNISHING, APPLICATION & MANIPULATION	GAL.	98,000
2411-33	CGSM PIPE CULVERT 18"	LIN. FT.	884
SP	CGSM PIPE ARCH 29" X 18"	LIN. FT.	676
SP	CGSM PIPE ARCH 36" X 22"	LIN. FT.	624
SP	SECTIONAL PLATE PIPE ARCH 10' SPAN	LIN. FT.	116
2523-3	MARKER POSTS	EACH	40

GRAVEL OR CR. STONE BASE COURSE

BASE COURSE 415.6 STATIONS  
 38.6 C.Y./STA = 16 042 C.Y.

43 P.E. 4 C.Y./P.E. 15 S.R. 8 C.Y./S.R. 292 C.Y.

SURFACE COURSE 415.6 STATIONS  
 13.0 C.Y./STA = 5403 C.Y.

GRAND TOTAL 21,737 C.Y.

## PIPE CULVERTS

PIPE ARCH	STATION	DIA. INCHES	LENGTH LIN. FT.	TYPE	PE & SR LT. RT.	MARK ERS	PIPE ARCH	STATION	DIA. INCHES	LENGTH LIN. FT.	TYPE	PE & SR LT. RT.	MARK ERS
	383 + 90	18	28	CGSM	✓		✓	0 + 75	29 X 18	30	CGSM	✓	
✓	386 + 96	36 X 22	44	"	✓	2	✓	10 + 94	2-10 X 6.5	116	"	✓	2
	390 + 46	18	36	"			✓	18 + 60	18	28	"	✓	
	391 + 80	18	28	"			✓	26 + 00	29 X 18	38	"	✓	2
✓	399 + 12	36 X 22	40	"	✓	2	✓	35 + 67	29 X 18	28	"	✓	
✓	408 + 00	29 X 18	40	"	✓	2	✓	46 + 20	18	28	"	✓	
	415 + 33	18	28	"			✓	54 + 50	29 X 18	48	"	✓	2
	416 + 12	18	28	"			✓	57 + 45	18	28	"	✓	
							40	91 + 12	18	28	"	✓	
								94 + 86	18	28	"	✓	
								98 + 86	18	28	"	✓	
TOTALS		29 X 18	676	CGSM PIPE ARCH			✓	102 + 35	36 X 22	38	"	✓	2
		36 X 22	624	" " "									
		10' SPAN	116	SECT. PLATE ARCH									
		18	884	CGSM PIPE CULVERT									

## PIPE CULVERTS

PIPE ARCH	STATION	DIA. INCHES	LENGTH LIN. FT.	TYPE	PE & SR LT. RT.	MARK ERS	PIPE ARCH	STATION	DIA. INCHES	LENGTH LIN. FT.	TYPE	PE & SR LT. RT.	MARK ERS
	119 + 25	18	28	GGSM			✓	123 + 41	36 X 22	38	"	✓	2
	126 + 78	18	28	"			✓	146 + 70	29 X 18	28	"	✓	
	147 + 64	29 X 18	28	"			✓	161 + 00	36 X 22	50	"	✓	2
	168 + 55	36 X 22	28	"			✓	174 + 88	18	28	"	✓	
	177 + 34	29 X 18	36	"			✓	183 + 15	18	28	"	✓	
	187 + 94	18	28	"			✓	187 + 94	18	28	"	✓	
	199 + 51	36 X 22	38	"			✓	202 + 20	18	28	CGSM	✓	
	203 + 20	18	28	"			✓	207 + 67	18	28	"	✓	
	209 + 45	29 X 18	38	"			✓	214 + 42	29 X 18	28	"	✓	2
	219 + 71	29 X 18	28	"			✓	220 + 92	29 X 18	28	"	✓	
	227 + 17	18	28	"			✓	227 + 17	18	28	"	✓	
	237 + 67	18	28	"			✓	237 + 67	18	28	"	✓	
	238 + 26	18	28	"			✓	246 + 47	29 X 18	28	"	✓	
	246 + 47	29 X 18	28	"			✓	253 + 75	36 X 22	40	"	✓	2
	253 + 75	36 X 22	40	"			✓	256 + 17	2-29 X 18	72	"	✓	
	262 + 51	18	28	"			✓	262 + 51	18	28	"	✓	
	262 + 76	18	28	"			✓	281 + 05	29 X 18	28	"	✓	
	296 + 56	36 X 22	40	"			✓	304 + 17	18	28	"	✓	2
	310 + 07	18	28	"			✓	310 + 07	18	28	"	✓	
	310 + 78	36 X 22	38	"			✓	330 + 60	36 X 22	56	CGSM	✓	2
	331 + 45	18	28	"			✓	333 + 38	36 X 22	38	"	✓	2
	335 + 90	36 X 22	56	"			✓	337 + 50	29 X 18	28	"	✓	2
	338 + 54	29 X 18	28	"			✓	339 + 41	29 X 18	28	"	✓	
	343 + 75	18	28	"			✓	344 + 05	36 X 22	38	"	✓	2
	351 + 12	18	28	"			✓	355 + 10	29 X 18	38	"	✓	2
	364 + 00	18	36	"			✓	366 + 26	36 X 22	42	"	✓	2
	366 + 70	29 X 18	28	"			✓	370 + 40	18	28	"	✓	

## GRADING QUANTITIES

STATION TO STATION	UNC	BORROW	FILL	REGRADING STA	RESHAPING C.Y.	CG/STA
0 + 00 - 5 + 00	675	0	314	5	191	38
5 + 00 - 9 + 00	15	0	74	4	104	26
9 + 00 - 13 + 00	0	0	1482	4	0	0
13 + 00 - 19 + 00	902	0	222	6	230	38
19 + 00 - 25 + 00	564	0	89	6	125	21
25 + 00 - 53 + 00	1432	0	311	28	435	16
53 + 00 - 56 + 00	0	333	1574	3	0	0
56 + 00 - 61 + 00	692	0	74	5	104	21
61 + 00 - 104 + 00	0	0	799	43	1118	26
104 + 00 - 107 + 00	0	0	55	3	78	26
107 + 00 - 121 + 00	0	0	260	14	364	26
121 + 00 - 124 + 00	0	0	422	3	261	87
124 + 00 - 128 + 00	551	0	30	4	42	11
128 + 00 - 136 + 00	154	0	59	8	83	11
136 + 00 - 146 + 00	0	0	296	10	370	37
146 + 00 - 150 + 00	163	0	148	4	207	51
150 + 00 - 156 + 00	0	0	400	6	0	0
156 + 00 - 160 + 00	658	0	0	4	0	0
160 + 00 - 163 + 00	0	0	389	3	111	37
163 + 00 - 177 + 00	414	0	115	14	67	5
177 + 00 - 220 + 00	0	0	1479	43	2071	48
220 + 00 - 238 + 00	0	0	270	17	378	21
238 + 00 - 250 + 00	392	0	133	12	186	16
250 + 00 - 257 + 00	0	0	389	7	65	9
257 + 00 - 262 + 00	151	0	130	5	182	36
262 + 00 - 284 + 00	0	0	652	22	896	41
284 + 00 - 289 + 00	0	0	278	5	370	74
289 + 00 - 298 + 00	0	0	467	9	0	0
298 + 00 - 319 + 00	459	0	889	21	1245	59
319 + 00 - 322 + 00	370	0	0	3	0	0
322 + 00 - 334 + 00	0	1179	1127	12	44	4
334 + 00 - 340 + 00	84	0	178	6	249	81
340 + 00 - 344 + 00	269	0	30	4	42	11
344 + 00 - 353 + 00	0	0	267	9	200	22
353 + 00 - 364 + 00	0	1141	815	11	0	0
364 + 00 - 367 + 00	0	341	267	3	33	11
367 + 00 - 384 + 00	0	340	693	17	630	37
384 + 00 - 389 + 00	0	959	685	5	0	0
389 + 00 - 394 + 00	0	389	278	5	0	0
394 + 00 - 402 + 00	0	1037	741	8	0	0
402 + 00 - 406 + 00	0	311	222	4	0	0
406 + 00 - 409 + 00	0	180	133	3	6	2
409 + 00 - 417 + 00	0	439	356	8	59	7
TOTALS	7,943	6,649	17,592	416	10,546	25

## CLEARING & GRUBBING

STA TO STA	QUANTITY
7 + 00 - 31 + 00	24
62 + 00 - 91 + 00	29
99 + 00 - 111 + 00	12
119 + 00 - 126 + 00	7
151 + 00 - 159 + 00	8
162 + 00 - 164 + 00	2
201 + 00 - 202 + 00	1
205 + 00 - 217 + 00	12
220 + 00 - 239 + 00	18
245 + 00 - 247 + 00	2
263 + 00 - 265 + 00	2
271 + 00 - 277 + 00	6
279 + 00 - 284 + 00	5
284 + 00 - 289 + 00	5
353 + 00 - 357 + 00	4
370 + 00 - 415 + 00	45
TOTAL	182

## SAND GRAVEL FILL

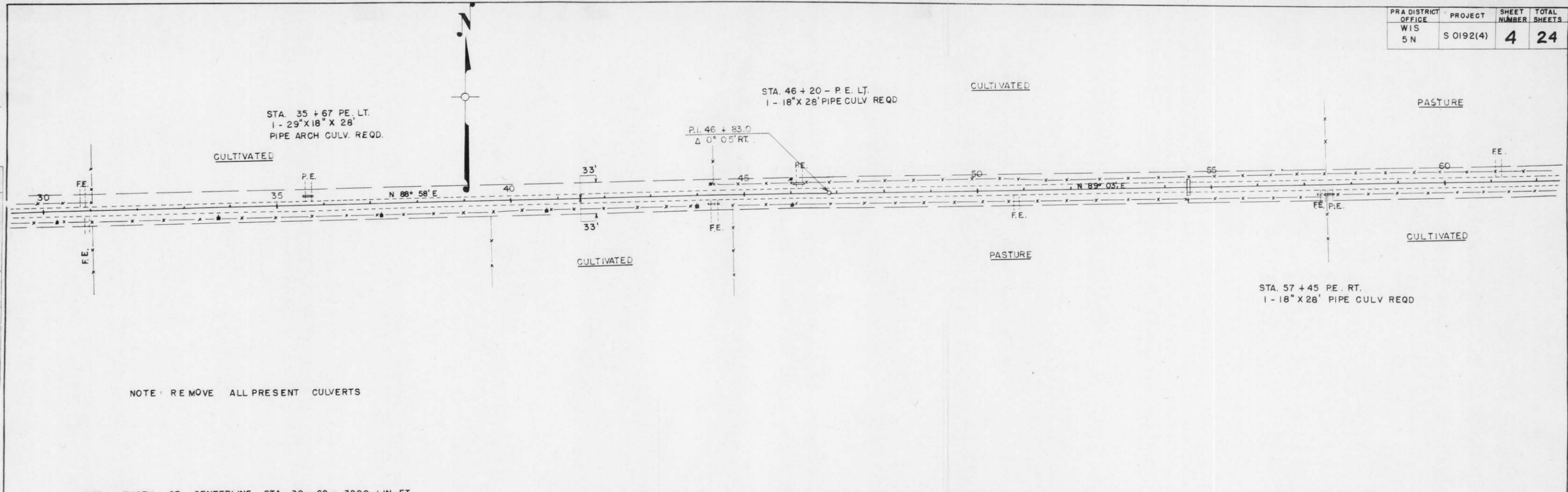
STA TO STA	DEPTH INCHES	CY / STA	STA	C.Y.
0 + 00 - 5 + 00	4	41.7	5	209
5 + 00 - 9 + 00	12	134.0	4	536
9 + 00 - 18 + 00	4	41.7	9	375
18 + 00 - 20 + 00	6	63.6	2	127
20 + 00 - 90 + 00	4	41.7	70	2,919
90 + 00 - 92 + 00	12	134.0	2	268
92 + 00 - 248 + 00	4	41.7	155	6,464
248 + 00 - 256 + 00	12	134.0	8	1,072
256 + 00 - 280 + 00	4	41.7	24	1,000
280 + 00 - 301 + 00	12	134.0	21	2,814
301 + 00 - 315 + 00	4	41.7	14	584
315 + 00 - 317 + 00	6	63.6	2	127
317 + 00 - 386 + 00	4	41.7	68.6	2,861
386 + 00 - 417 + 10	12	134.0	31.1	4,167
TOTAL				23,523 C.Y.

## REMOVING STONE PILES & STONE FENCES

STA TO STA	C.Y.
9 + 50 - 10 + 55	38
114 30 - 13 + 00	60
23 + 00 - 23 + 80	18
31 + 15 LT.	8
44 + 37 LT.	8
81 + 00 - 83 + 20	33
85 + 00 - 92 + 60	113
103 + 00 - 109 + 00	12
125 + 00 - 125 + 54	16
185 + 20 - 187 + 00	80
198 + 00 - 199 +	

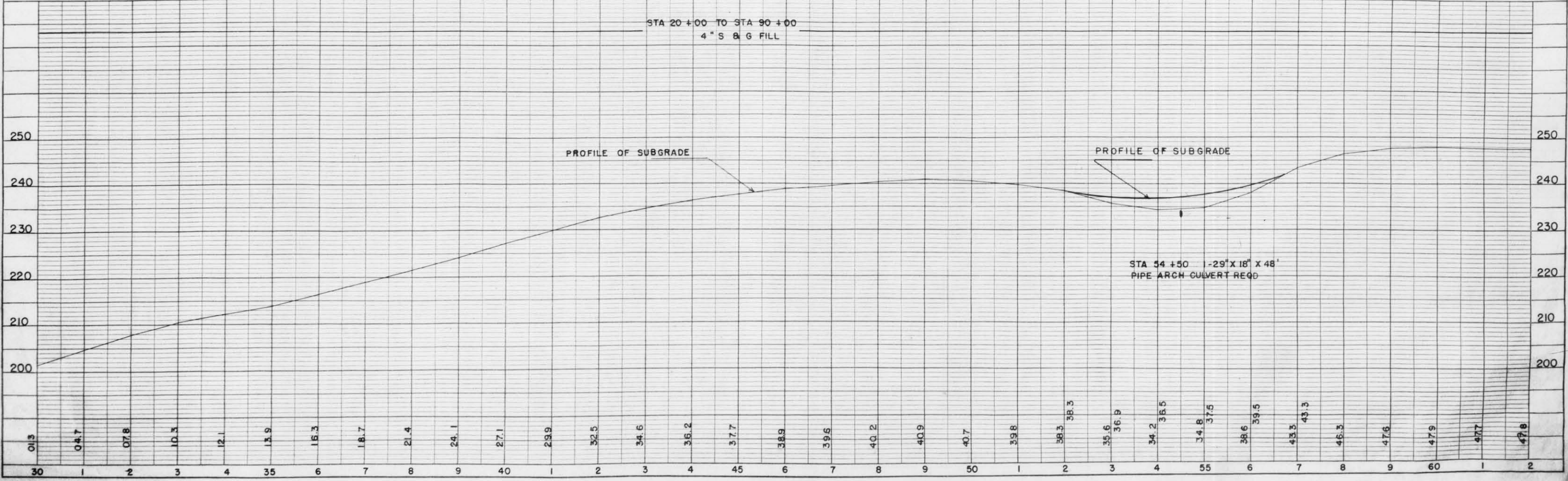
DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 NO. \_\_\_\_\_



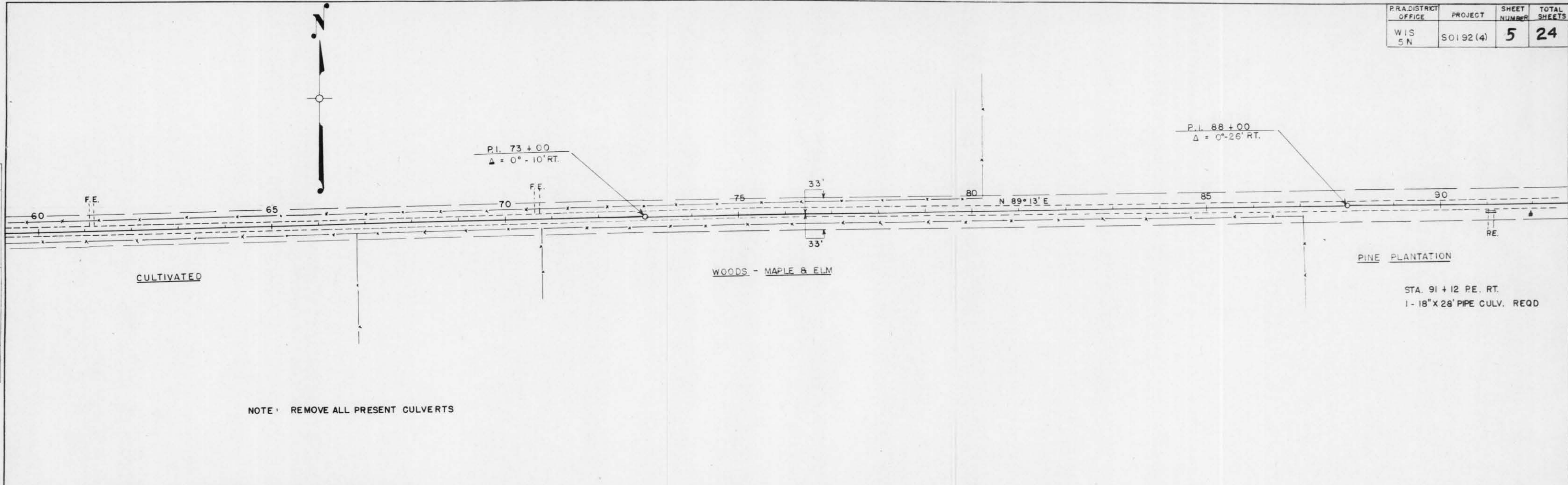
NOTE: REMOVE ALL PRESENT CULVERTS

NET LENGTH OF CENTERLINE STA 30 - 62 = 3200 LIN. FT.



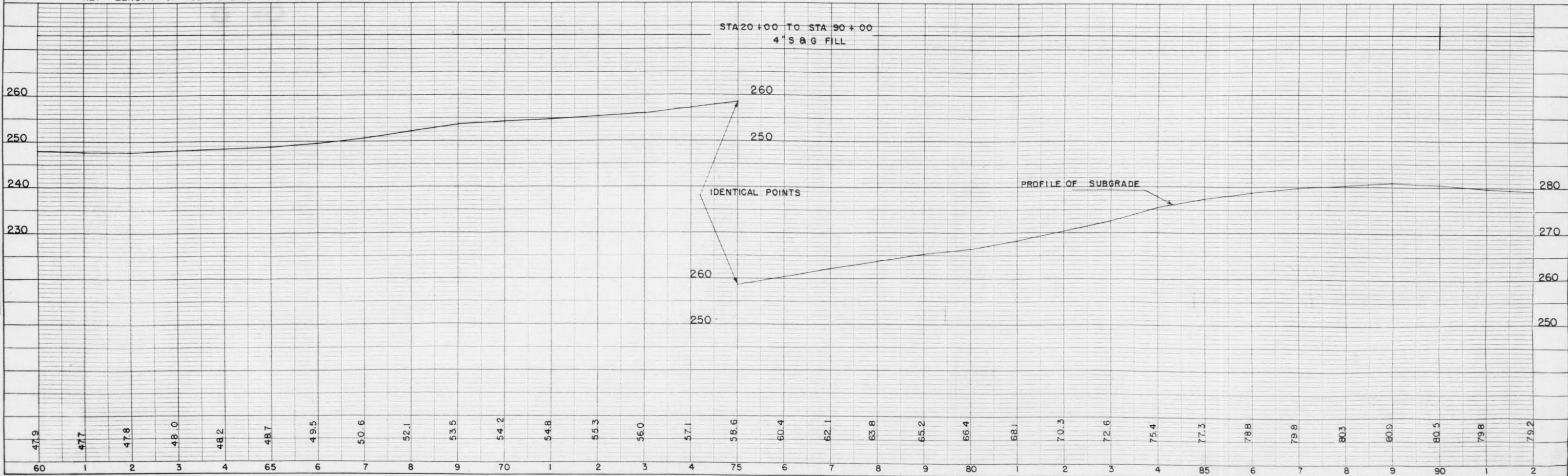
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 SURVEYED  
 NOTE BOOK  
 ALIGNMENT CHECKED  
 RT. OF WAY CHECKED  
 No. 8293

PROFILE  
 SURVEYED  
 GRADES CHECKED  
 B.M. NOTED  
 No. 8293

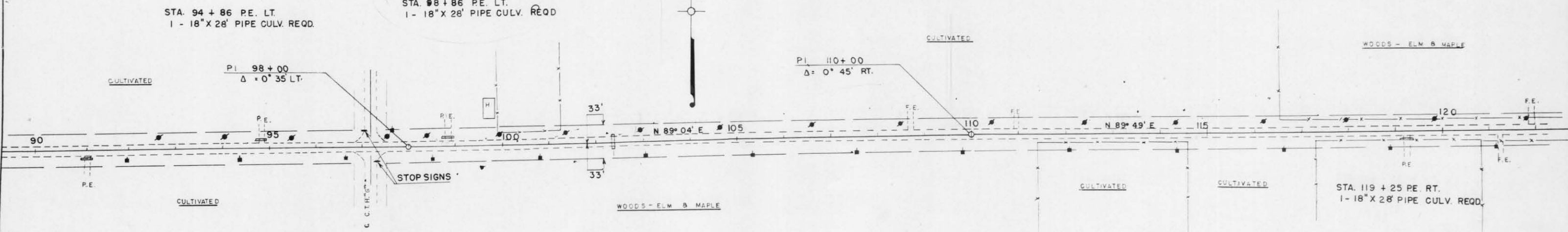


NOTE: REMOVE ALL PRESENT CULVERTS

NET LENGTH OF CENTERLINE STA. 62-92 = 3000 LIN. FT.

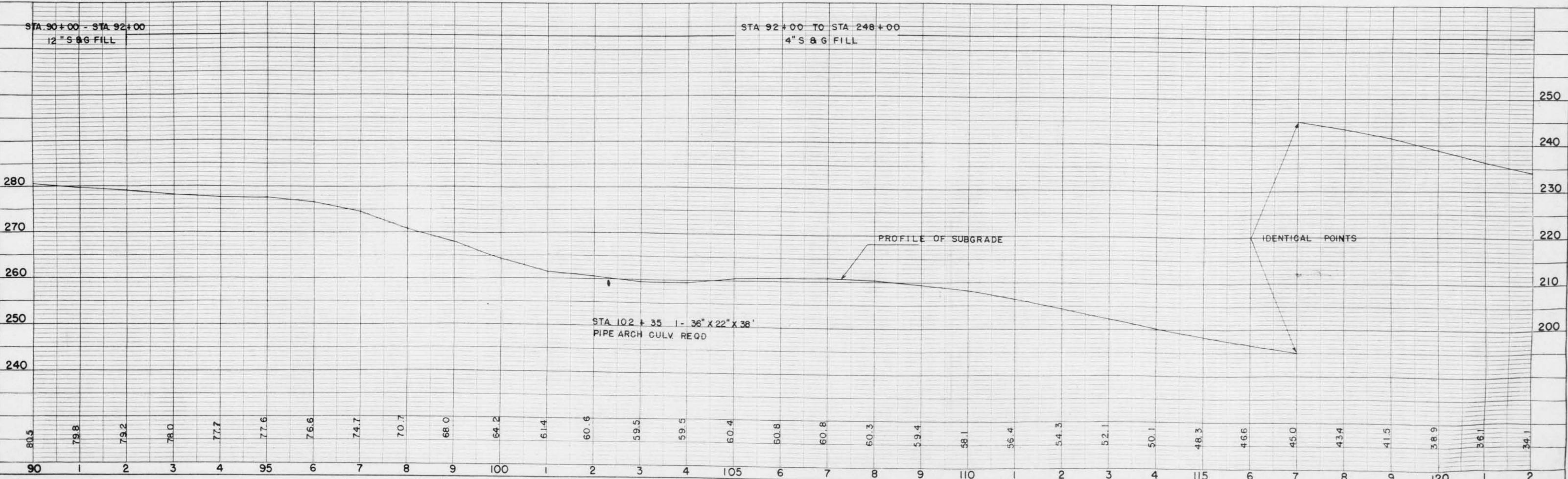


P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5 N	S 0192 (4)	6	24



NOTE: REMOVE ALL PRESENT CULVERTS

NET LENGTH OF CENTERLINE STA. 92-122 = 3000 LIN. FT.

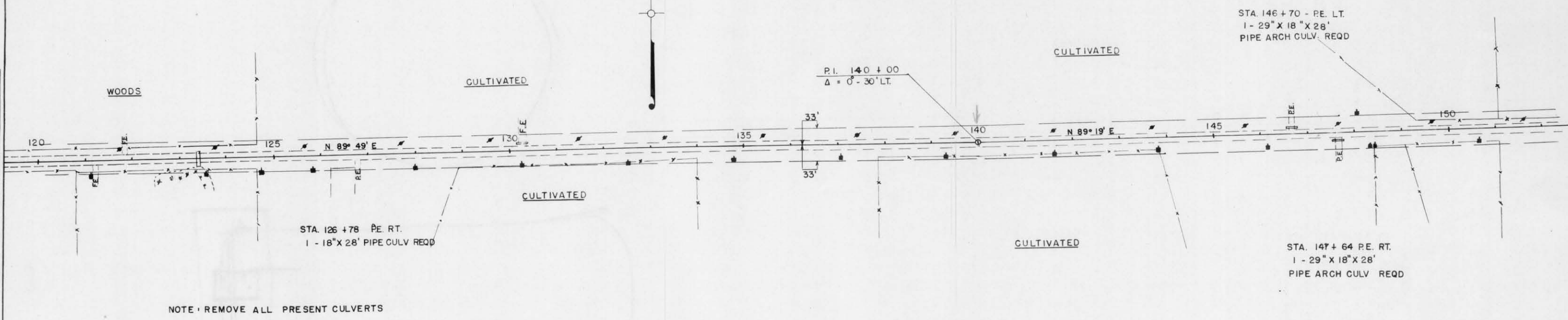


PLAN  
 SUBMITTED  
 PLOTTED  
 NOTE BOOK ALIGNMENT CHECKED  
 NO. OF WAY CHECKED

PROFILE  
 SUBMITTED  
 PLOTTED  
 NOTE BOOK GRADES CHECKED  
 STRUCTURE NOTATIONS CHECKED

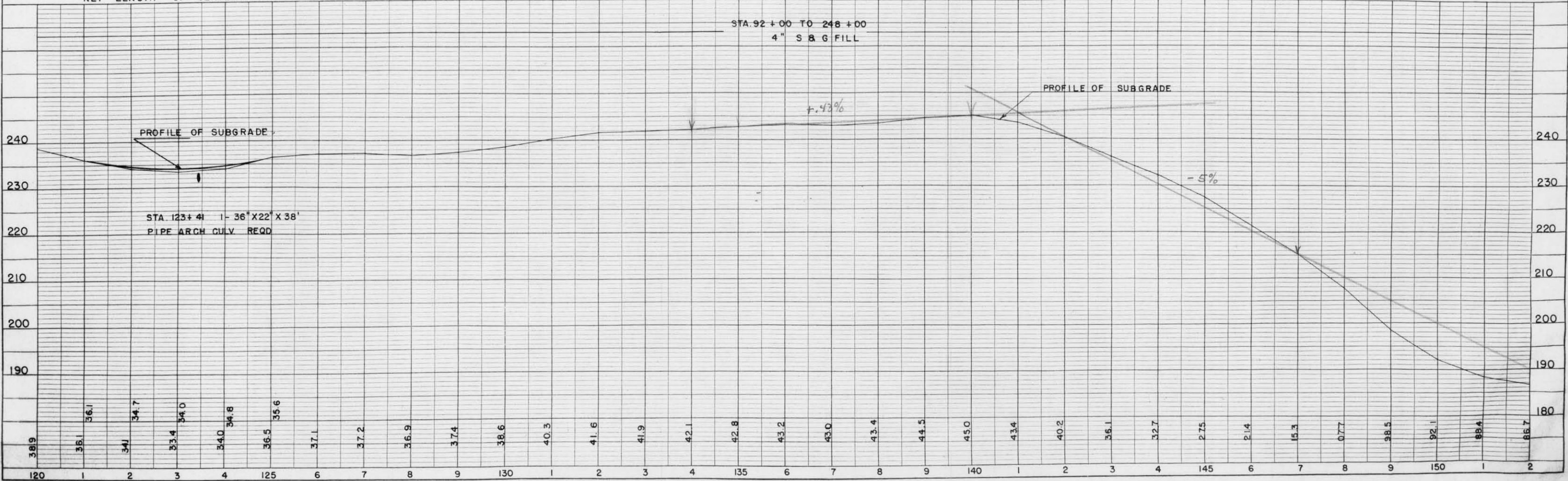
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 NOTE BOOK: \_\_\_\_\_  
 NO. 8292

PROFILE  
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 NOTE BOOK: \_\_\_\_\_  
 NO. 8293



NOTE: REMOVE ALL PRESENT CULVERTS

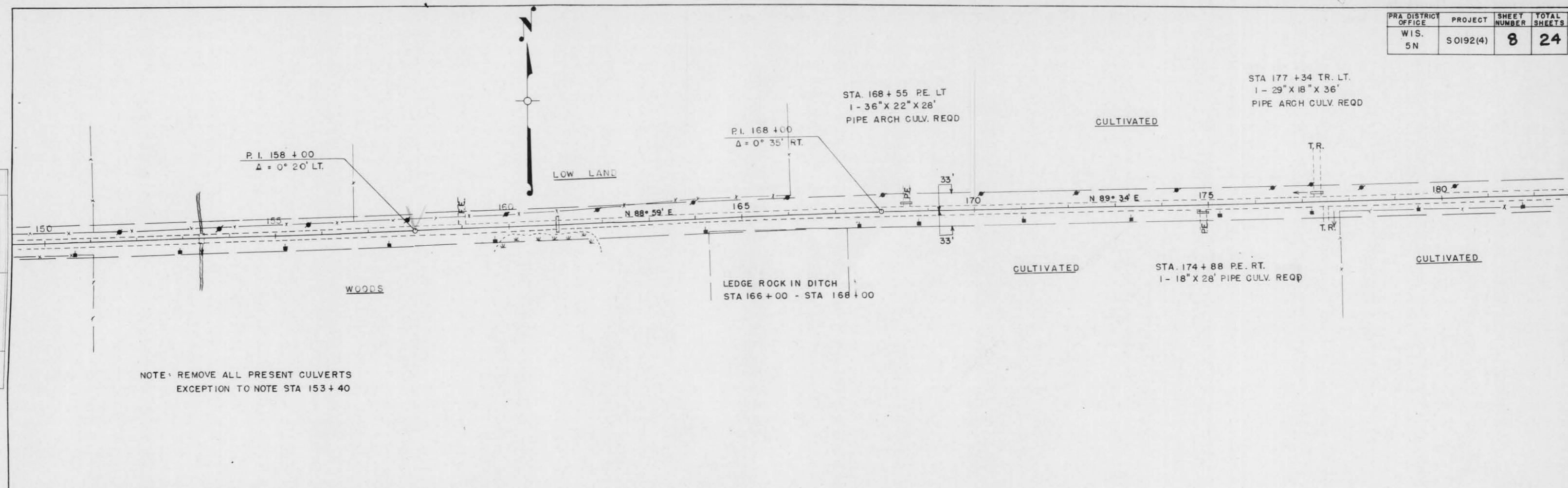
NET LENGTH OF CENTERLINE STA. 122 - 152 = 3000 LIN. FT.



PRA DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	SO192(4)	8	24

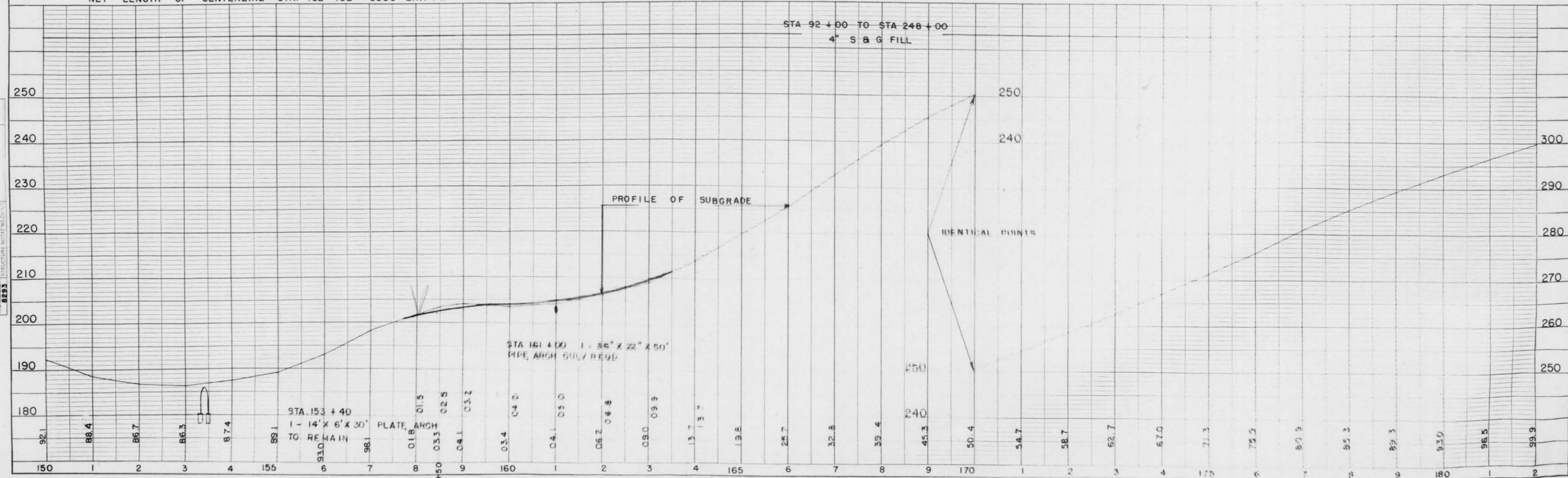
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 SURVEYED \_\_\_\_\_  
 PLAN ALIGNMENT CHECKED \_\_\_\_\_  
 RET. OF WAY CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PROFILE GRADES CHECKED \_\_\_\_\_  
 R. M. S. NOTED \_\_\_\_\_  
 STRUCTURE NOTATION \_\_\_\_\_  
 NO. 8292  
 8293



NOTE: REMOVE ALL PRESENT CULVERTS  
 EXCEPTION TO NOTE STA 153+40

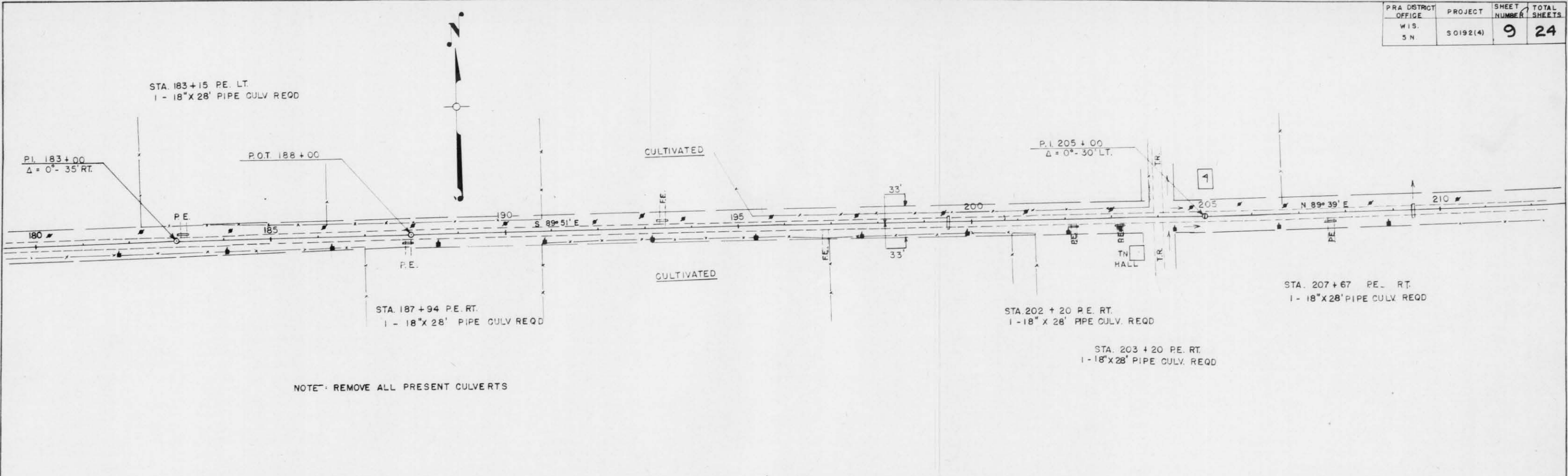
NET LENGTH OF CENTERLINE STA. 152-182 = 3000 LIN. FT.



DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 NO. \_\_\_\_\_

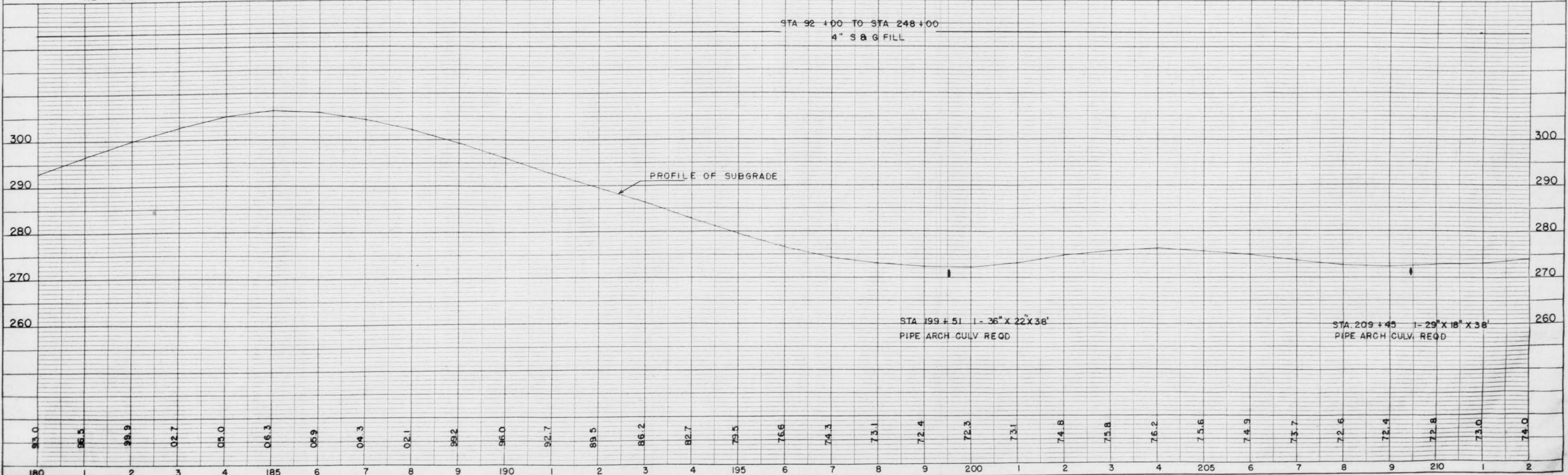
**PLAN**

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 NO. \_\_\_\_\_



NOTE: REMOVE ALL PRESENT CULVERTS

NET LENGTH OF CENTERLINE STA. 182-212 = 3000 LIN. FT.



DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 NO. \_\_\_\_\_

**PROFILE**

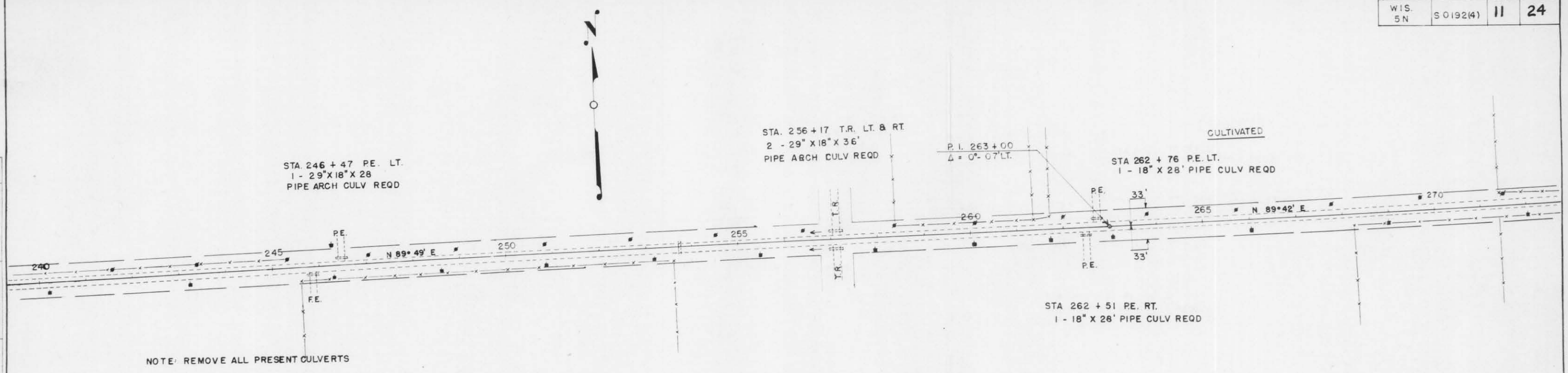
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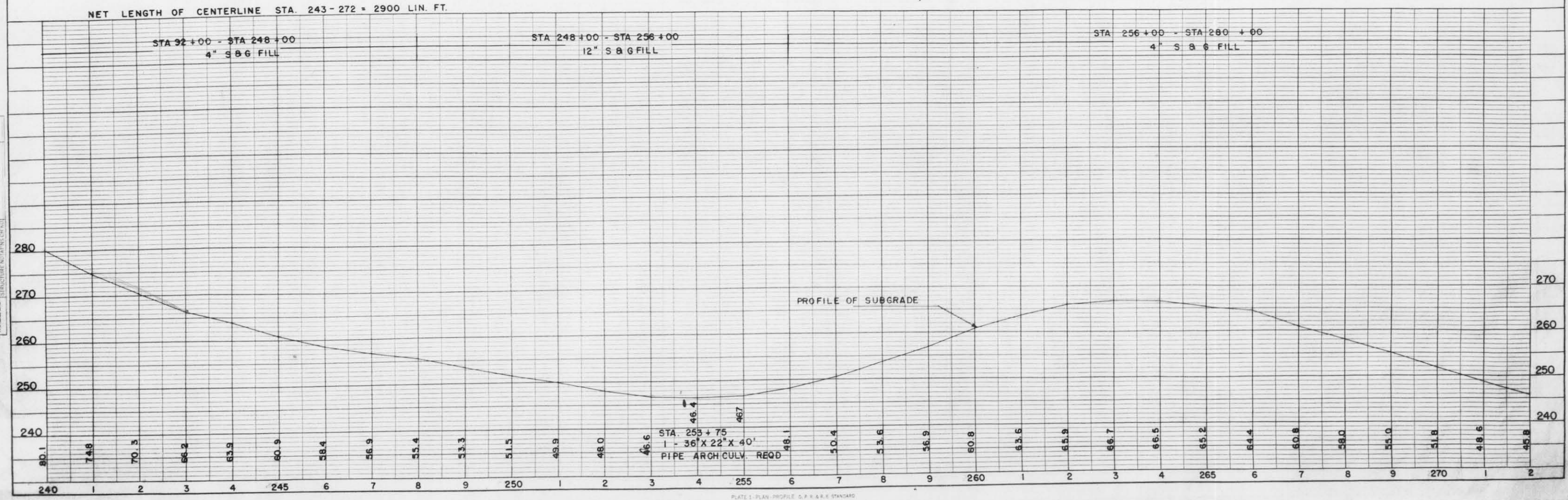


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 CHECKED BY: [ ]  
 DATE: [ ]  
 NO. 8292

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 CHECKED BY: [ ]  
 DATE: [ ]  
 NO. 8293

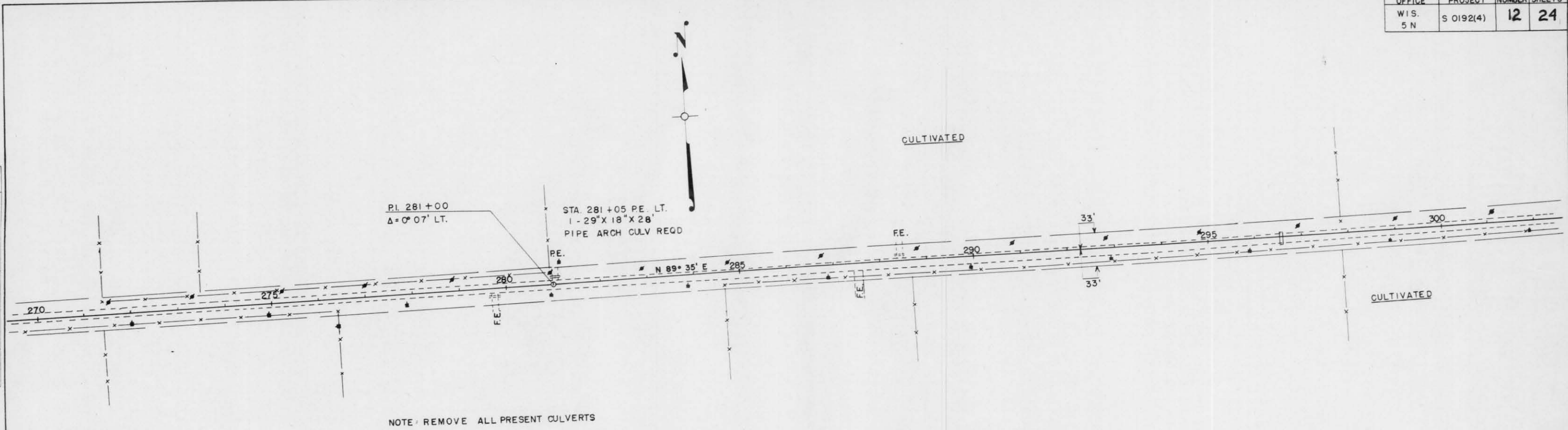


NOTE: REMOVE ALL PRESENT CULVERTS



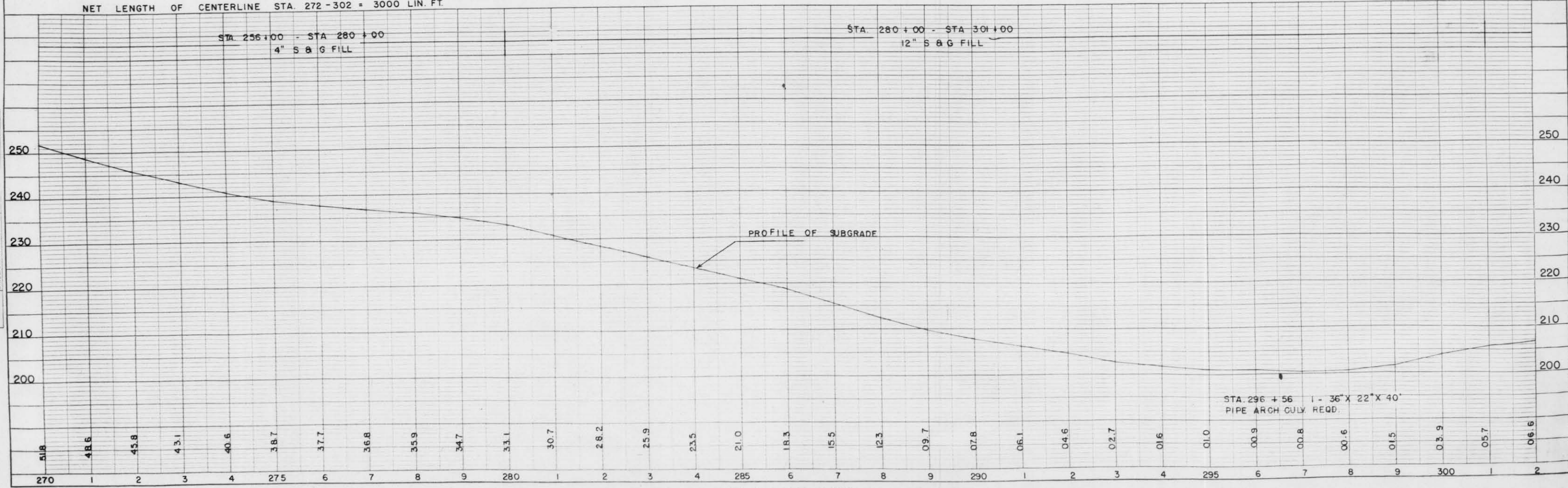
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 NOTE BOOK ALIGNED CHECKED BY: [ ]  
 NO. 8298

PROFILE  
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 NOTE BOOK GRADES CHECKED BY: [ ]  
 STRUCTURE NOTATIONS BY: [ ]  
 NO. 8293



NOTE: REMOVE ALL PRESENT CULVERTS

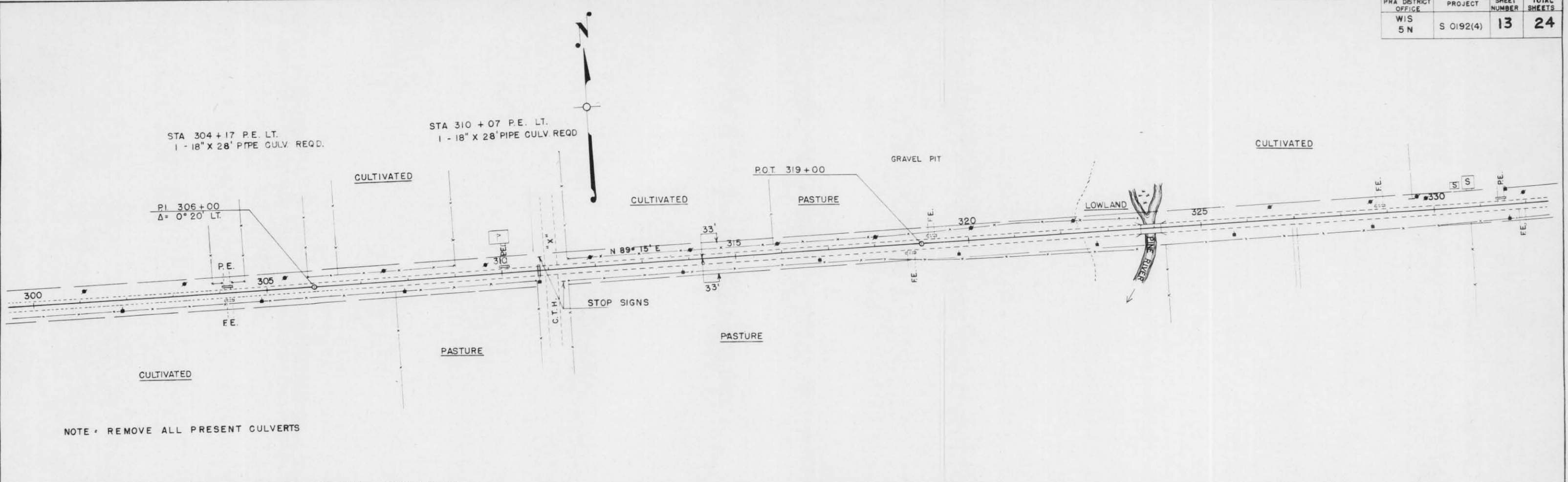
NET LENGTH OF CENTERLINE STA. 272 - 302 = 3000 LIN. FT.



STA. 296 + 56 1 - 36" X 22" X 40"  
 PIPE ARCH CULV. REQD.

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 PLAN  
 DRAWING NO. \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 PROFILE  
 DRAWING NO. \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_



NOTE - REMOVE ALL PRESENT CULVERTS

NET LENGTH OF CENTERLINE STA. 302-332 = 2956 LIN. FT.

