

DETAIL SUMMARY SHEET OF MISCELLANEOUS QUANTITIES & ESTIMATE OF QUANTITIES

P.R.A. DISTRICT OFFICE: WIS. 5 N
 PROJECT: S 0192(4)
 SHEET NUMBER: 2
 TOTAL SHEETS: 24

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
 383 + 90
 ✓ 386 + 96
 BASE COURSE 415.6 STATIONS
 38.6 C.Y./STA = 16 042 C.Y.
 390 + 46
 391 + 80
 43 P.E. 4 C.Y./P.E. 15 S.R. 8 C.Y./S.R. 292 C.Y.
 ✓ 399 + 12
 ✓ 408 + 00
 SURFACE COURSE 415.6 STATIONS
 415 + 33
 416 + 12
 13.0 C.Y./STA = 540 3 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
	383 + 90	18	28	CGSM	✓	✓
✓	386 + 96	36 X 22	44	"	✓	2
	390 + 46	18	36	"	✓	✓
	391 + 80	18	28	"	✓	✓
✓	399 + 12	36 X 22	40	"	✓	2
✓	408 + 00	29 X 18	40	"	✓	2
	415 + 33	18	28	"	✓	✓
	416 + 12	18	28	"	✓	✓
TOTALS						
		29 X 18	676	CGSM PIPE ARCH		
		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
	0 + 75	29 X 18	30	CGSM	✓	✓
✓	10 + 94	2-10 X 6.5	116	"	✓	2
	18 + 60	18	28	"	✓	✓
	26 + 00	29 X 18	38	"	✓	2
✓	35 + 67	29 X 18	28	"	✓	✓
	46 + 20	18	28	"	✓	✓
✓	54 + 50	29 X 18	48	"	✓	2
	57 + 45	18	28	"	✓	✓
	91 + 12	18	28	"	✓	✓
	94 + 86	18	28	"	✓	✓
✓	98 + 86	18	28	"	✓	✓
✓	102 + 35	36 X 22	38	"	✓	2
	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	"	✓	✓
✓	199 + 51	36 X 22	38	"	✓	2
	202 + 20	18	28	CGSM	✓	✓
	203 + 20	18	28	"	✓	✓
	207 + 67	18	28	"	✓	✓
✓	209 + 45	29 X 18	38	"	✓	2
✓	214 + 42	29 X 18	28	"	✓	✓
✓	219 + 71	29 X 18	28	"	✓	✓
✓	220 + 92	29 X 18	28	"	✓	✓
	227 + 17	18	28	"	✓	✓
	237 + 67	18	28	"	✓	✓
	238 + 26	18	28	"	✓	✓
✓	246 + 47	29 X 18	28	"	✓	✓
✓	253 + 75	36 X 22	40	"	✓	2
✓	256 + 17	2-29 X 18	72	"	✓	✓
	262 + 51	18	28	"	✓	✓
	262 + 76	18	28	"	✓	✓
✓	281 + 05	29 X 18	28	"	✓	✓
✓	296 + 56	36 X 22	40	"	✓	2
	304 + 17	18	28	"	✓	✓
	310 + 07	18	28	"	✓	✓
✓	310 + 78	36 X 22	38	"	✓	2
✓	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	"	✓	2
✓	337 + 50	29 X 18	28	"	✓	✓
✓	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

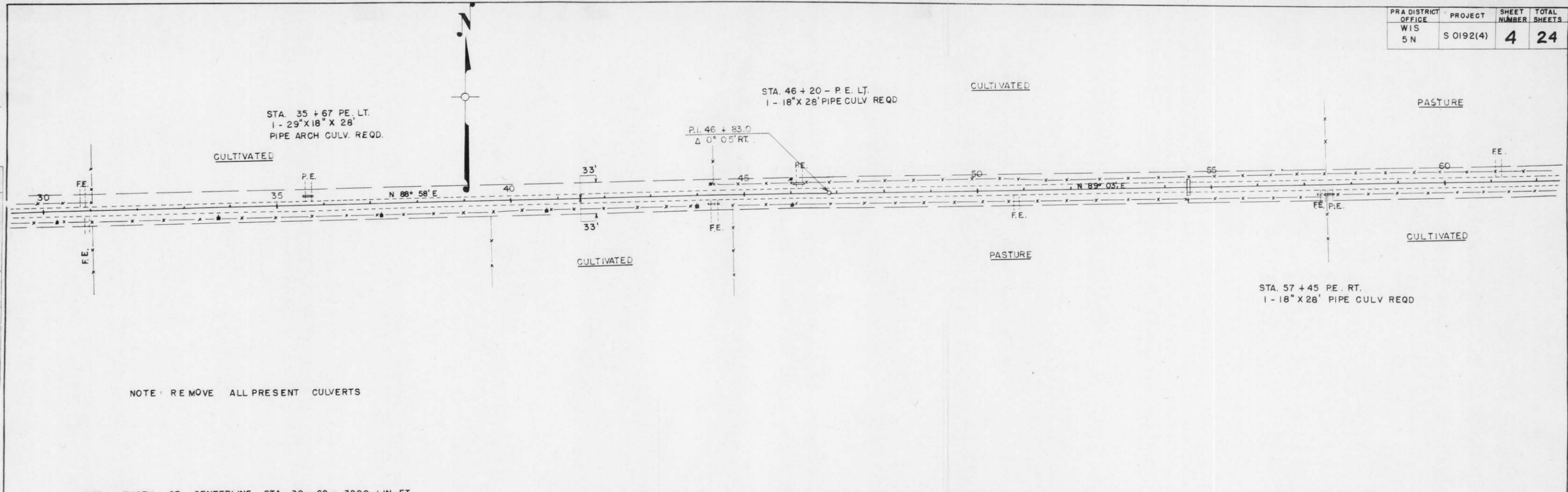
STA TO STA	DEPTH INCHES	CY / STA	STA	C.Y.
0 + 00 - 5 + 00	4	41.7	5	209
5 + 00 - 9 + 00	12	134.0	4	536
9 + 00 - 18 + 00	4	41.7	9	375
18 + 00 - 20 + 00	6	63.6	2	127
20 + 00 - 90 + 00	4	41.7	70	2,919
90 + 00 - 92 + 00	12	134.0	2	268
92 + 00 - 248 + 00	4	41.7	155	6,464
248 + 00 - 256 + 00	12	134.0	8	1,072
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 + 00	2
210 + 00 - 216 + 00	89
244 + 84 LT. RT.	7
271 + 40 LT. RT.	6
TOTAL 490 C.Y.	

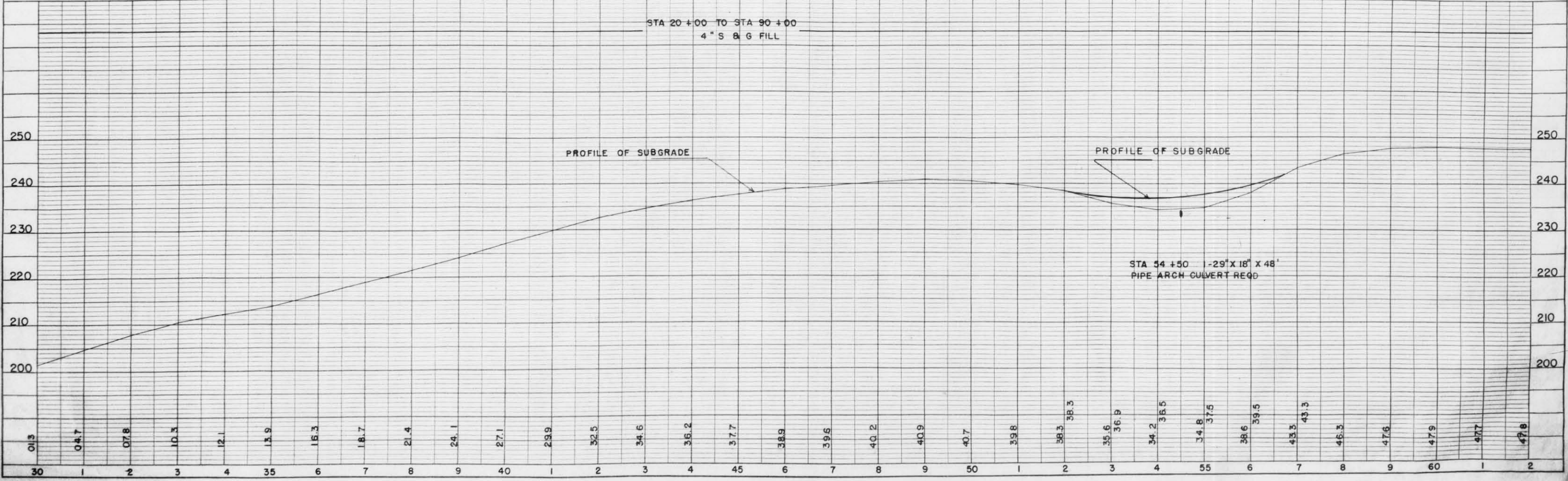
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 BY: _____
 SURVEYED _____
 PLANNED _____
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 NOTE BOOK NO. _____
 NO. _____

DATE: _____
 BY: _____
 SURVEYED _____
 PLANNED _____
 CHECKED _____
 NOTE BOOK NO. _____
 NO. _____



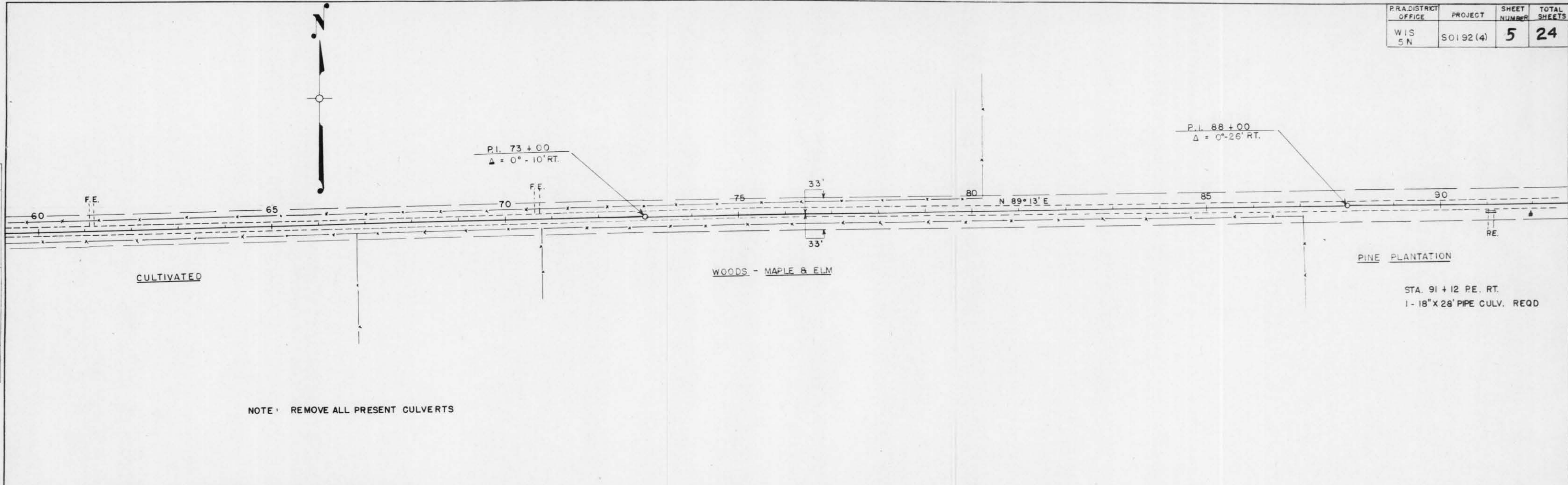
NOTE: REMOVE ALL PRESENT CULVERTS

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



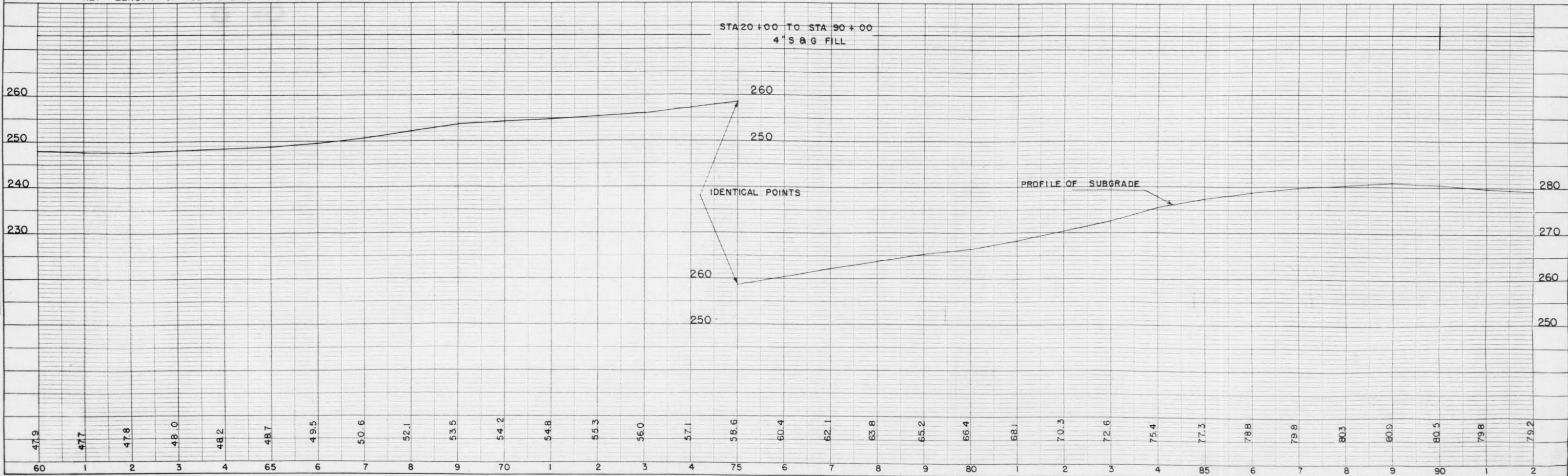
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 NOTE BOOK
 ALIGNMENT CHECKED
 RT. OF WAY CHECKED
 No. 8293

PROFILE
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 GRADES CHECKED
 B.M. NOTED
 No. 8293

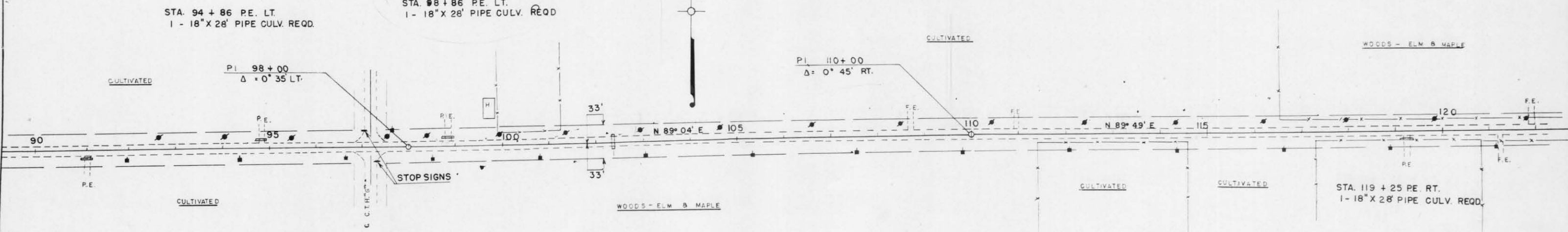


NOTE: REMOVE ALL PRESENT CULVERTS

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

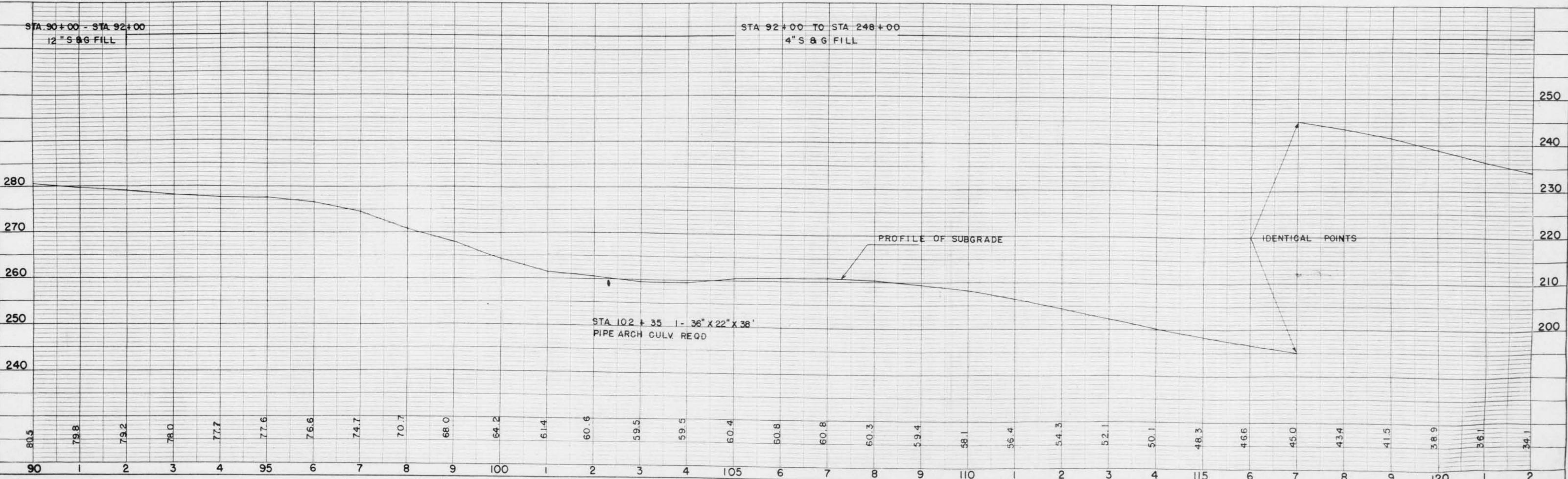


P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5 N	S 0192 (4)	6	24



NOTE: REMOVE ALL PRESENT CULVERTS

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

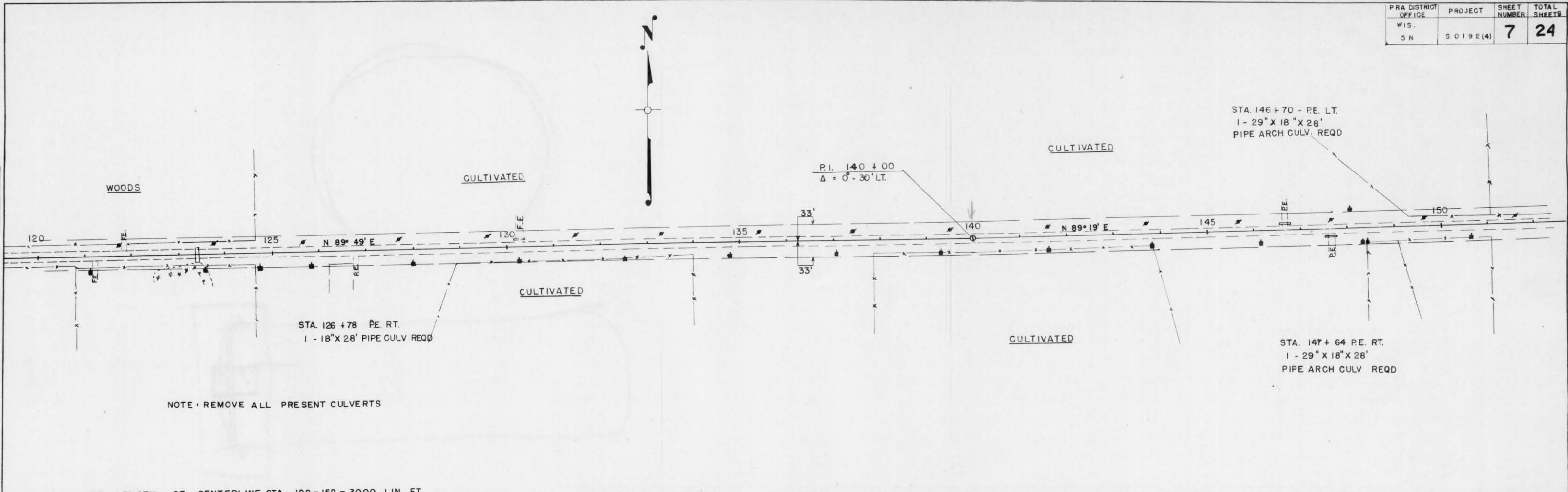


PLAN
 SUBMITTED
 PLOTTED
 NOTE BOOK ALIGNMENT CHECKED
 NO. OF WAY CHECKED

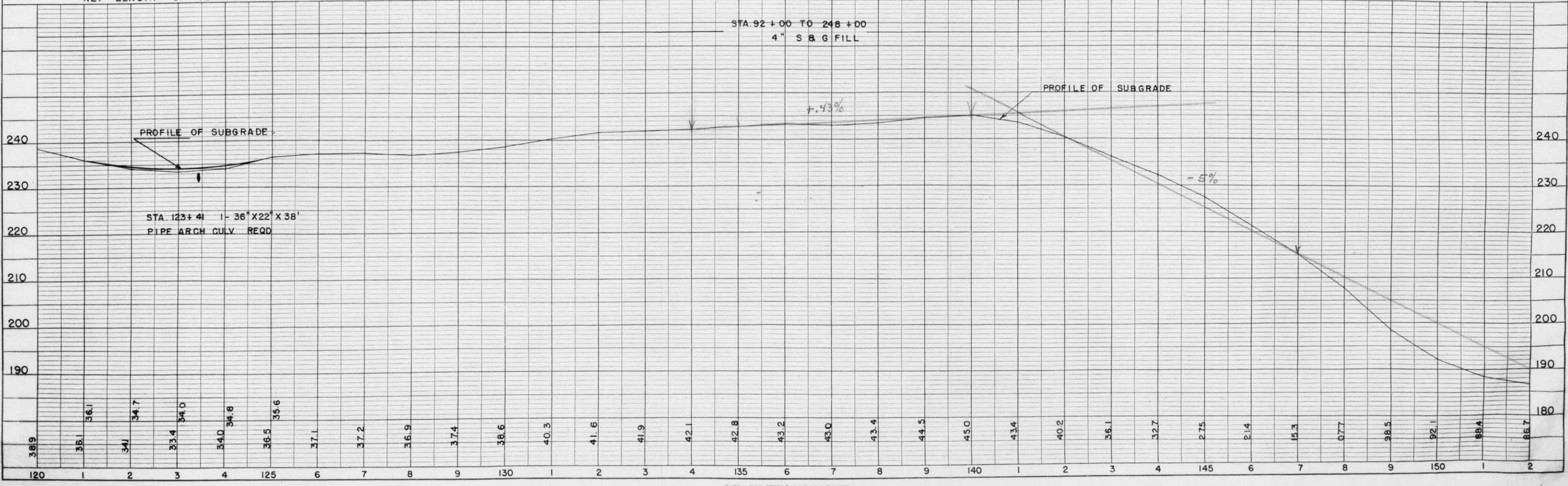
PROFILE
 SUBMITTED
 PLOTTED
 NOTE BOOK GRADES CHECKED
 STRUCTURE NOTATIONS CHECKED

PLAN
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 NOTE BOOK: []
 GRADES CHECKED: []
 STRUCTURE NOTING CHECKED: []
 NO. 8292

PROFILE
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 NO. 8293

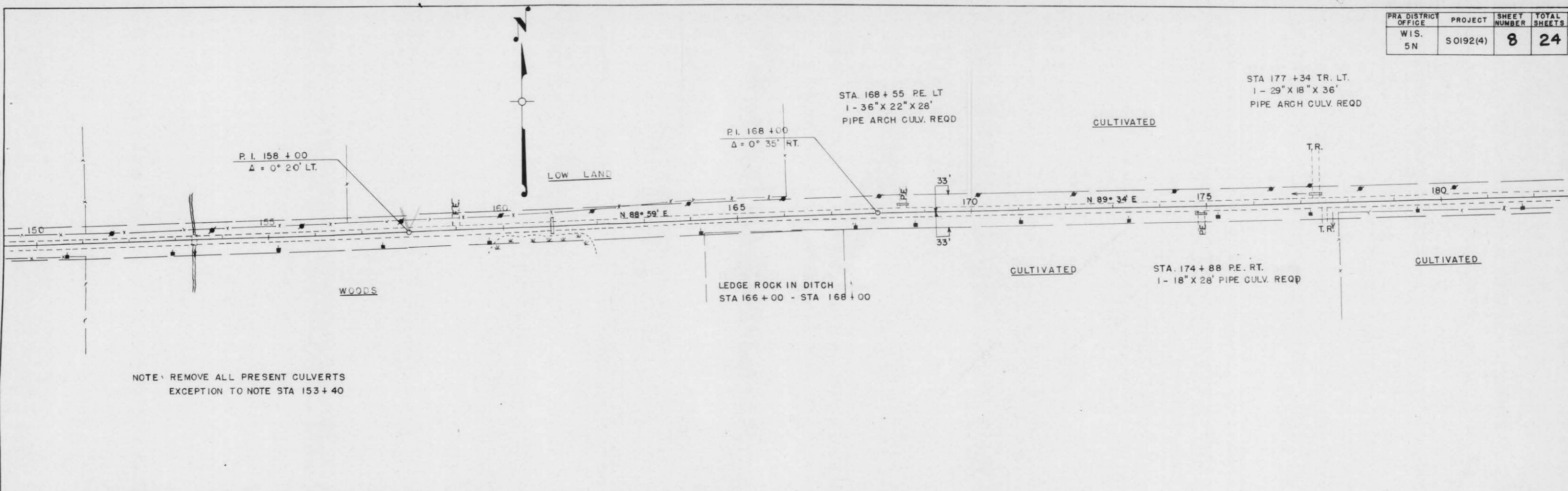


NET LENGTH OF CENTERLINE STA. 122 - 152 = 3000 LIN. FT.



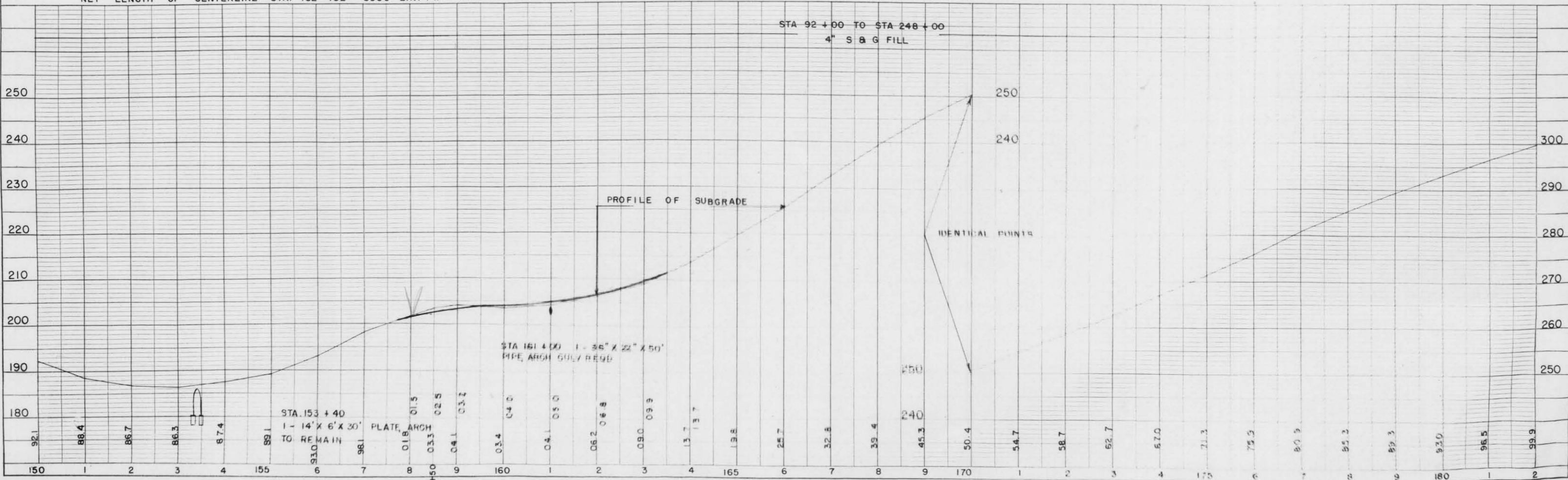
DATE _____ BY _____
 SURVEYED _____
 PLANNED _____
 ALIGNMENT CHECKED _____
 RET. OF WAY CHECKED _____
 NO. _____

DATE _____ BY _____
 SURVEYED _____
 GRADES CHECKED _____
 R. M. S. NOTED _____
 STRUCTURE NOTED _____
 NO. _____



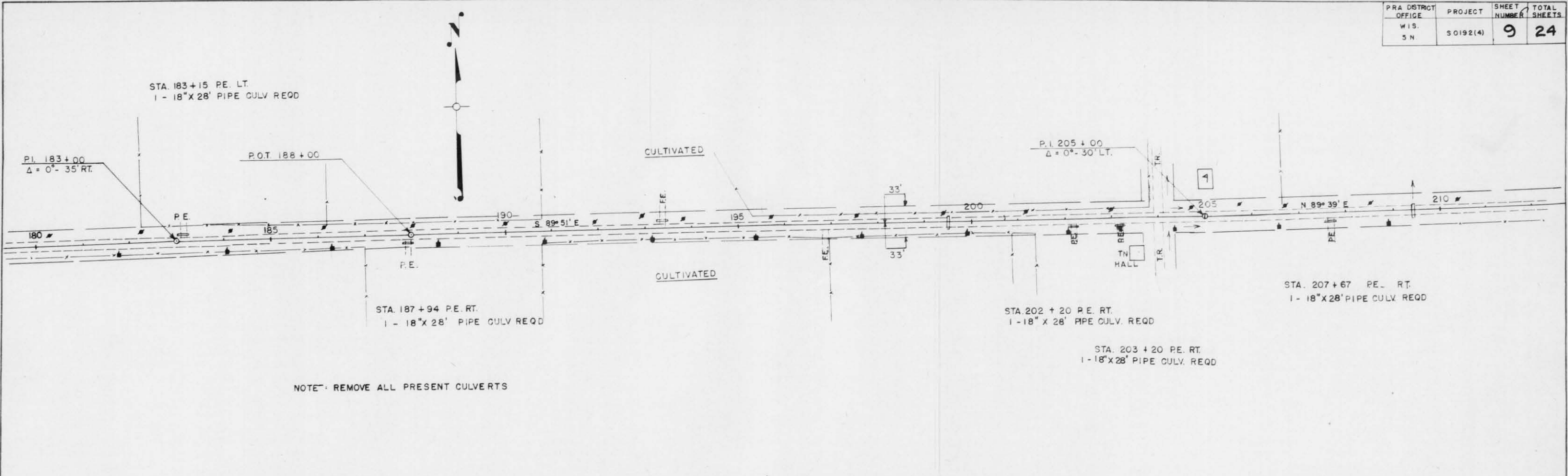
NOTE: REMOVE ALL PRESENT CULVERTS
 EXCEPTION TO NOTE STA 153+40

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

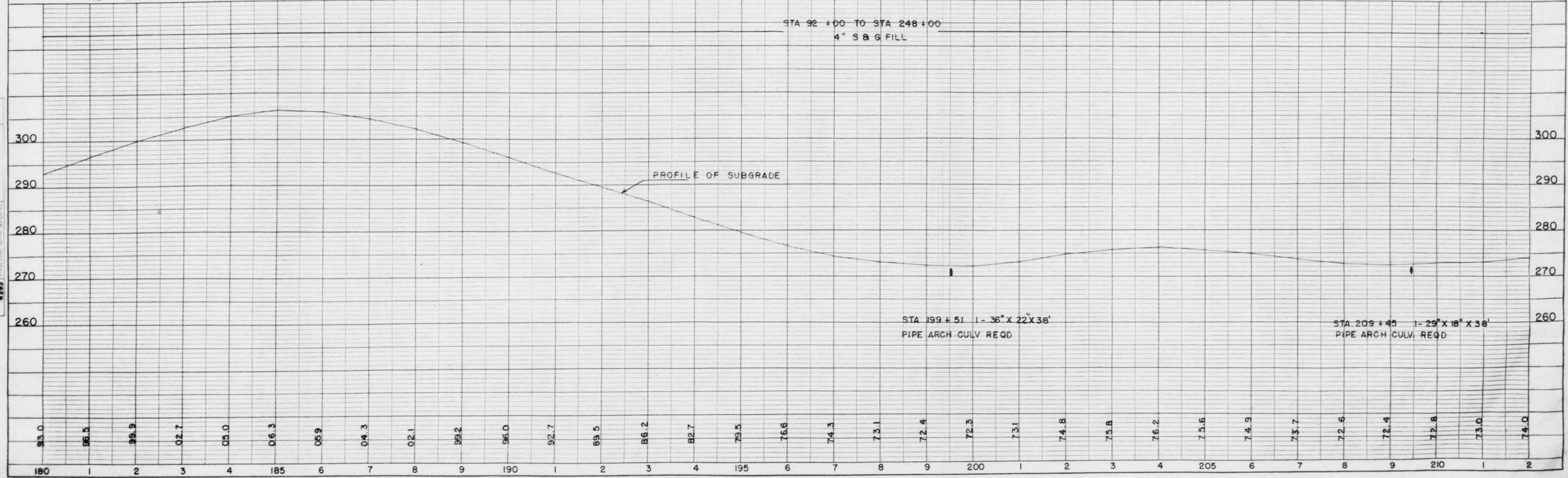


DATE: _____
 PLAN
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 CHECKED BY: _____
 NO. _____

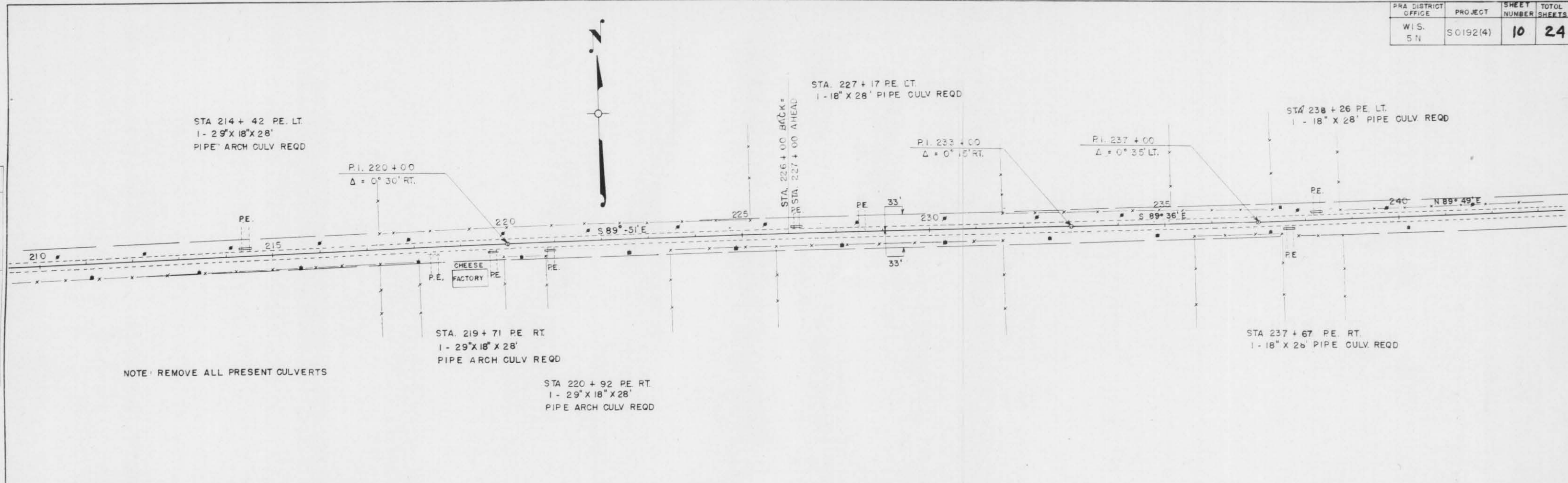
DATE: _____
 PROFILE
 DRAWN BY: _____
 CHECKED BY: _____
 NO. _____



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



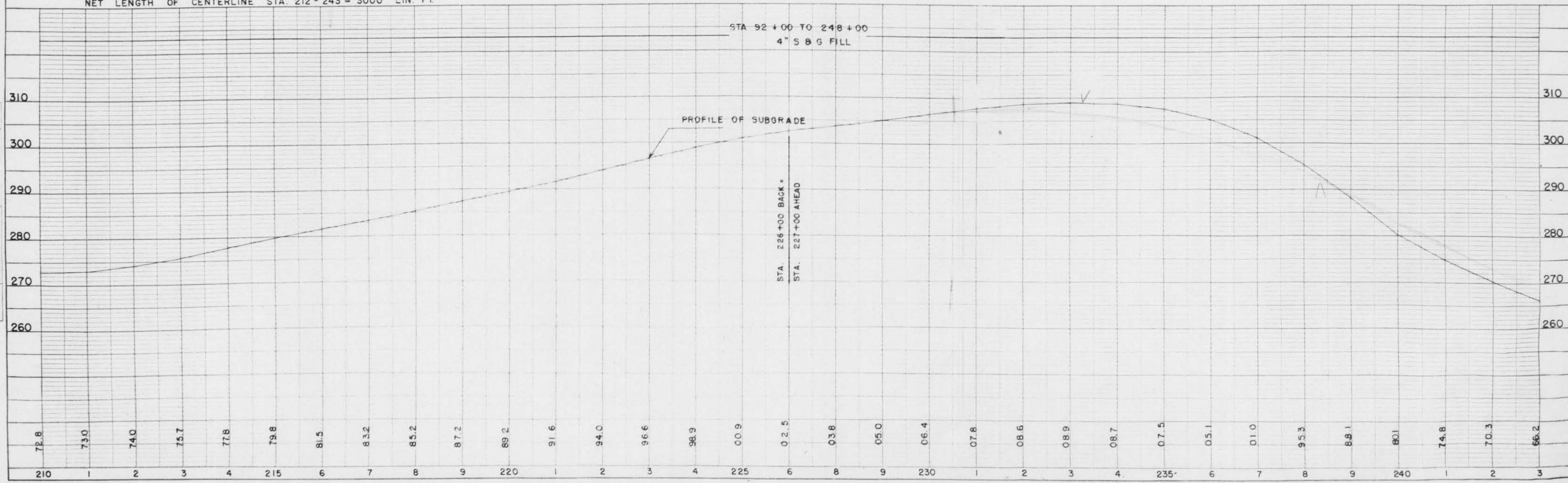
PLAN
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 PLOTTED: []
 CHECKED: []
 NO. 8292



NOTE: REMOVE ALL PRESENT CULVERTS

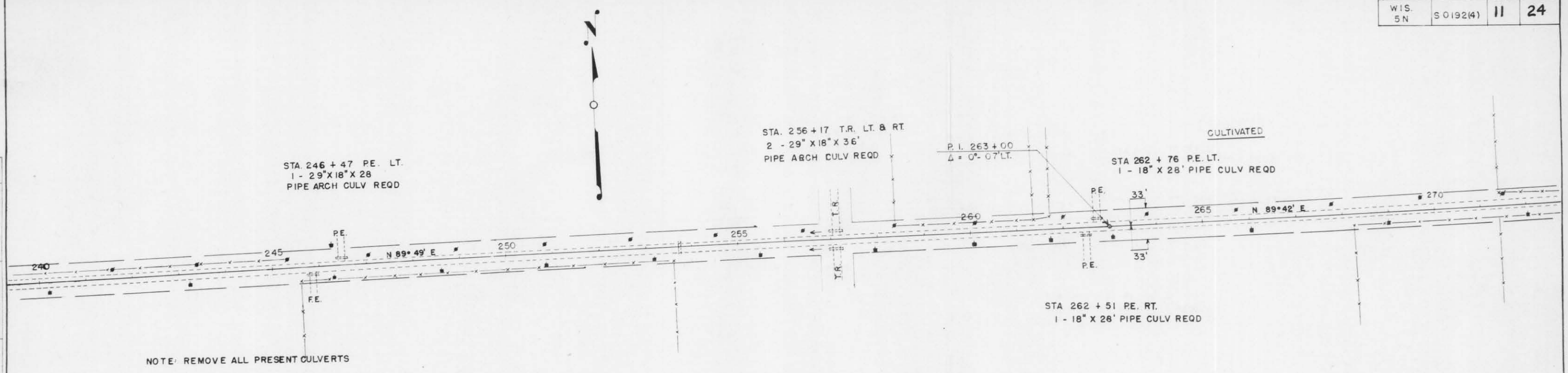
NET LENGTH OF CENTERLINE STA. 212 - 243 = 3000 LIN. FT.

PROFILE
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 PLOTTED: []
 CHECKED: []
 NO. 8293

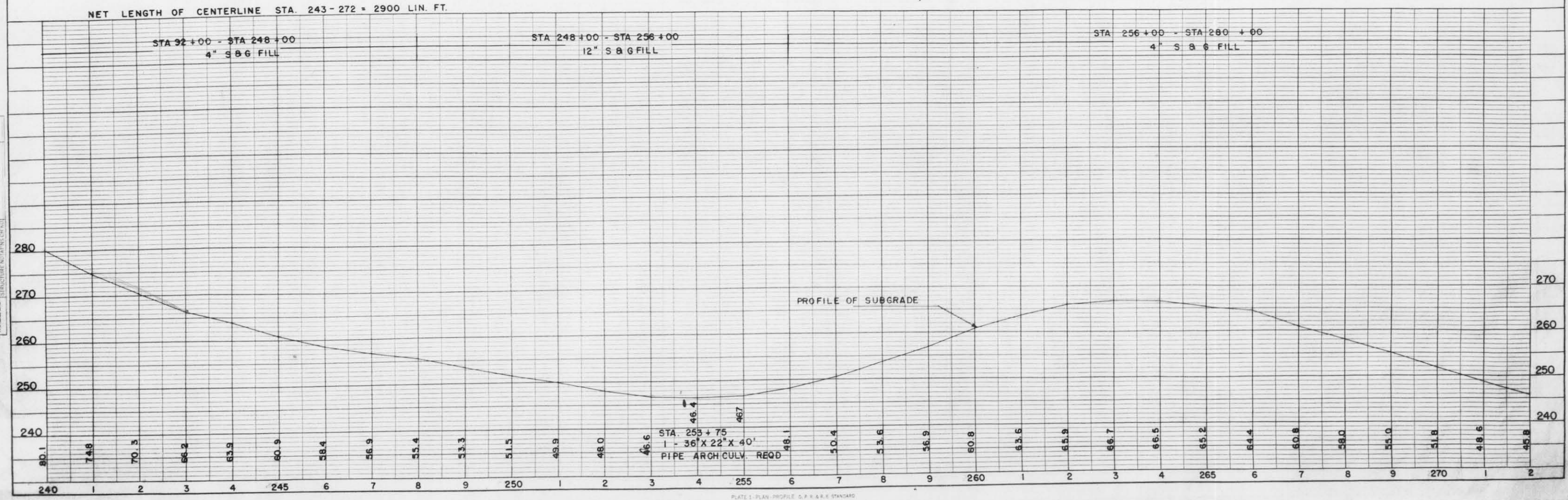


PLAN
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 CHECKED BY: []
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 NO. 8292

PROFILE
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 CHECKED BY: []
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 NO. 8293

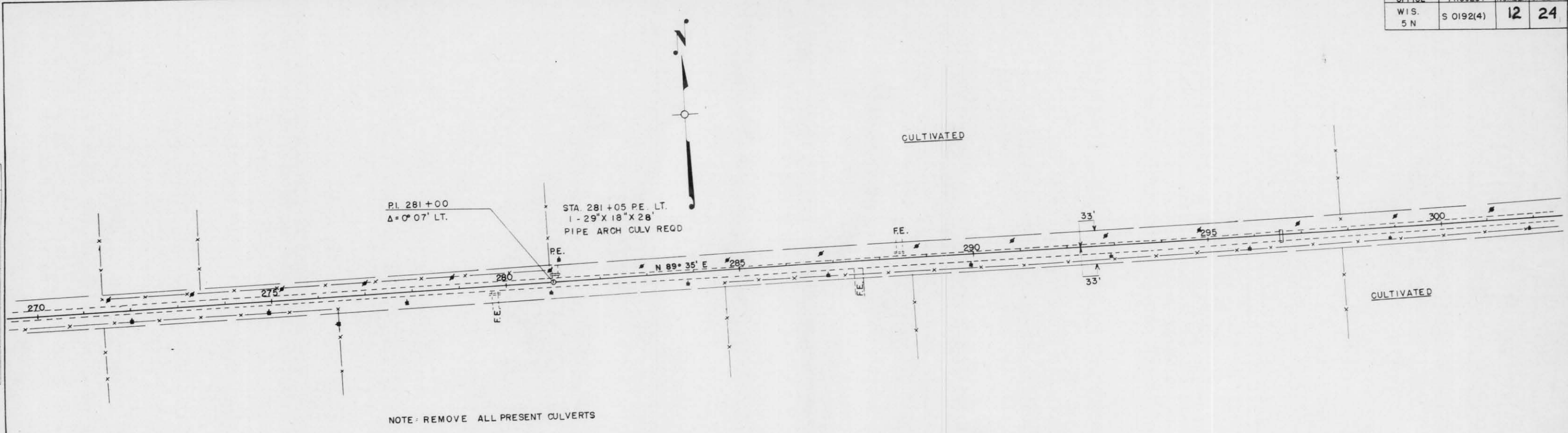


NOTE: REMOVE ALL PRESENT CULVERTS



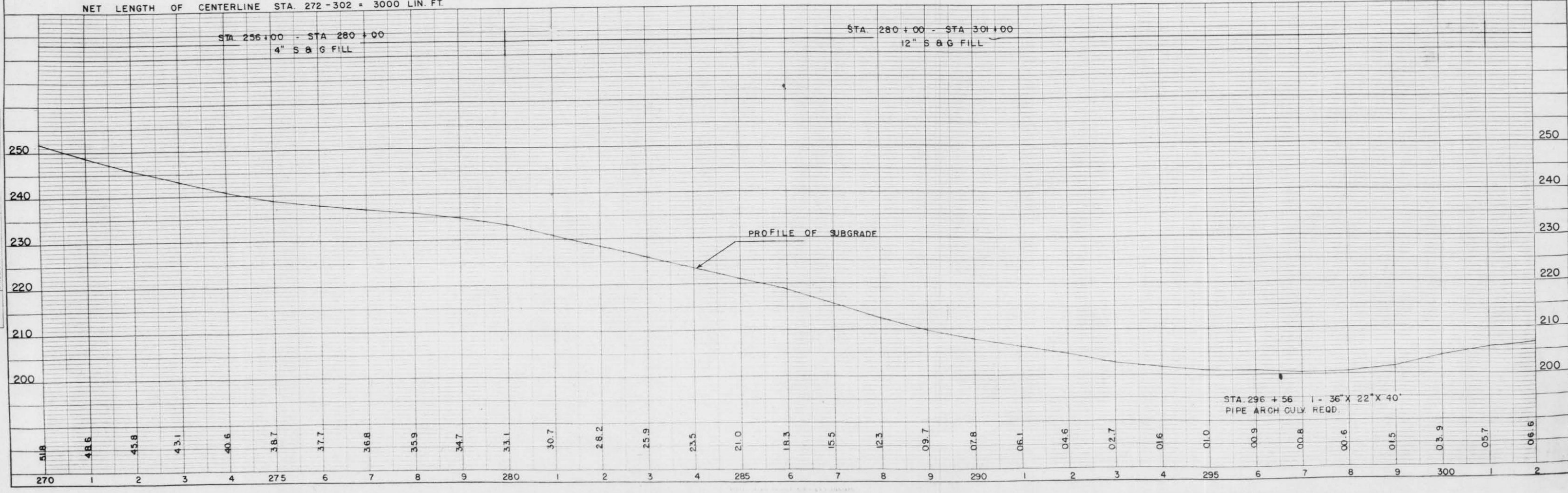
PLAN
DESIGNED BY: [] DATE: []
 SURVEYED BY: []
 NOTE BOOK ALIGNED CHECKED BY: []
 NO. 8298

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



NOTE: REMOVE ALL PRESENT CULVERTS

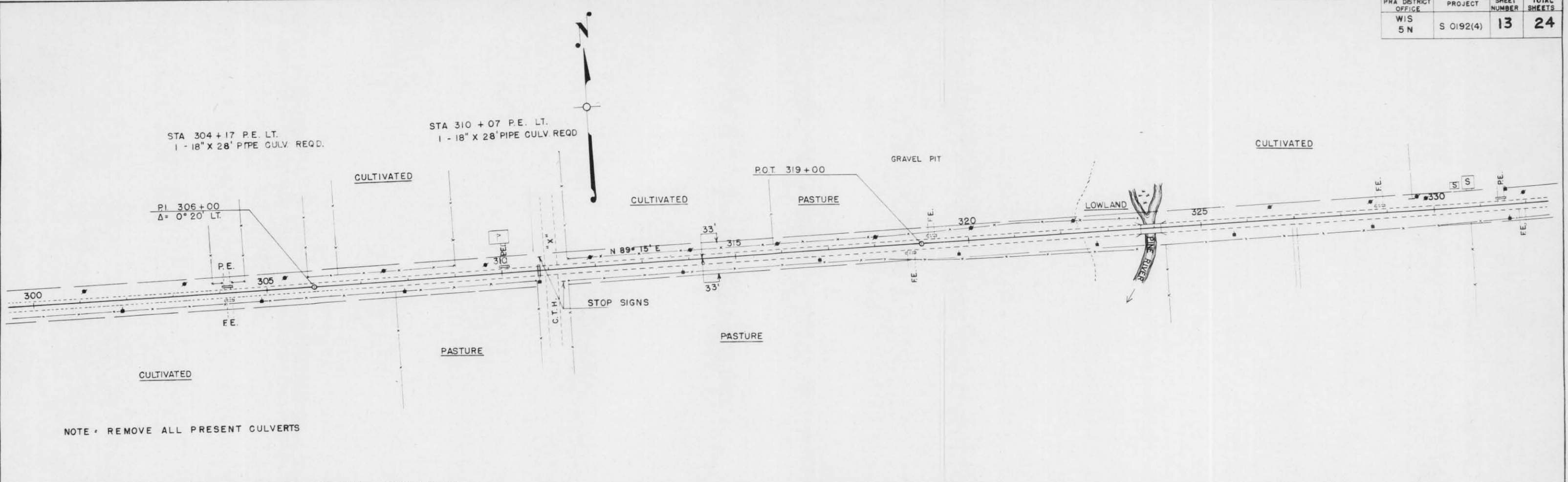
NET LENGTH OF CENTERLINE STA. 272 - 302 = 3000 LIN. FT.



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

DATE: _____
 BY: _____
 PLAN
 DRAWN BY: _____
 CHECKED BY: _____
 DATE: _____

DATE: _____
 BY: _____
 PROFILE
 DRAWN BY: _____
 CHECKED BY: _____
 DATE: _____



NOTE - REMOVE ALL PRESENT CULVERTS

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

