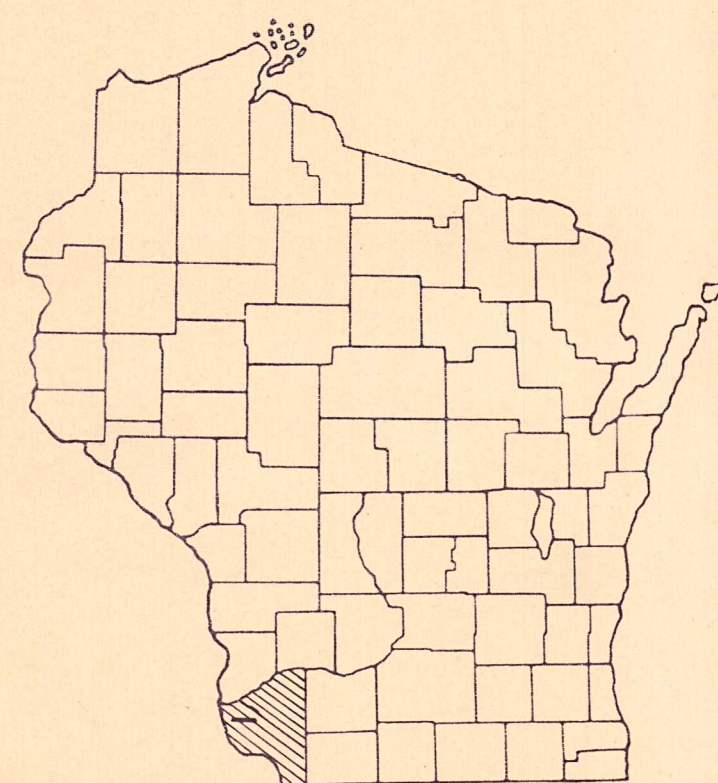


INDEX OF SHEETS

SHEET NO. 1	TITLE
SHEET NO. 2	TYPICAL CROSS SECTIONS
SHEET NO. 3	ESTIMATE OF QUANTITIES
SHEET NO. 3A	MISCELLANEOUS QUANTITIES
SHEET NO. 4-12	RIGHT OF WAY PLAT
SHEET NO. 4-12	PLAN AND PROFILE STA. 216+00 TO STA. 469+50.2
SHEET NO. 13-13.	STANDARD DETAILS
SHEET NO.	DRAINAGE STRUCTURES
SHEET NO. 14-65	CROSS SECTIONS



STATE OF WISCONSIN STATE HIGHWAY COMMISSION OF WISCONSIN

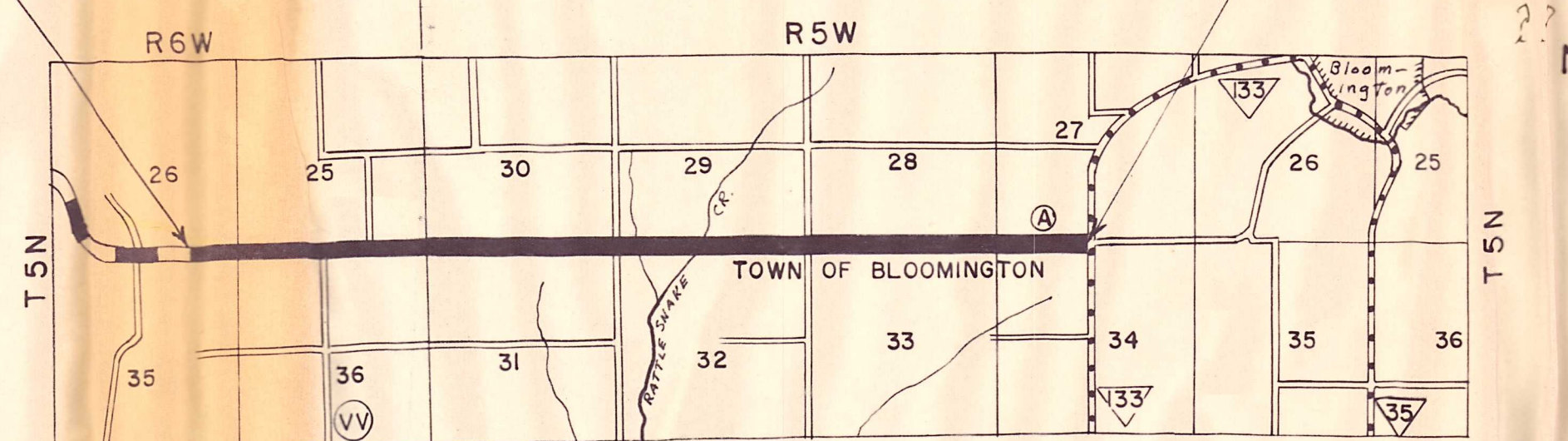
PLAN AND PROFILE OF PROPOSED

BAGLEY - S.T.H. 133 ROAD C.T.H. "A" GRANT COUNTY PROJECT S 0202(4)

PLAN 1 IN. = 100 FT.
PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.
CROSS SECTIONS HOR. 1 IN. = 5 FT. VERT. 1 IN. = 5 FT.

BEGIN PROJECT S0202(4) STA. 216+00 =
STA. 217+00 PROJ. S0202(3)
1213' E. AND 22' S. OF THE N.1/4 CORNER OF SECT. 35, T5N, R6W.

END PROJECT S0202(4) STA. 469+50.2 =
STA. 639+86.2 PROJ. S0200(1)
13' W. OF N.1/4 CORNER, SECT. 34, T5N, R5W.



CONVENTIONAL SIGNS

STATE LINE	---	CULVERTS IN PLACE	---
COUNTY LINE	---	CULVERTS REQUIRED	---
TOWNSHIP OR RANGE LINE	---	DROP INLET	---
SECTION LINE	---	POWER POLE	---
NEW RIGHT OF WAY LINE	---	TELEPHONE OR TELEGRAPH POLE	---
PRESENT RIGHT OF WAY LINE	---	RIGHT OF WAY MARKERS	---
WIRE FENCE { WOVEN	---	REFERENCE STAKE FOR HUBS ONLY	---
BARBED	---	MARSH	---
LOT LINE	---	HEDGE	---
CORPORATE OR CITY LIMITS	---	TREES	---
PROPERTY LINE	---	GROUND ELEVATION	DATUM LINE
TRAVELED WAY OR P.E.	---	GRADE ELEVATION	DATUM LINE
RAILROADS	---		
BASE OR SURVEY LINE	---		

LAYOUT

SCALE 0 1

TOTAL NET LENGTH OF CENTERLINE = 4.802 MI.

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT	B.P.R. REGION DIVISION	SHEET NUMBER	TOTAL SHEETS
22.6	202.0	STATE FEDERAL	11.4	4 WIS.	1

APPROVED FOR GRANT COUNTY BY

1/13/65
DATE

R. B. Nickerson
COMMISSIONER

STATE HIGHWAY
COMMISSION OF WISCONSIN
MADISON, WIS.

SURVEYOR F.H. NOTE BOOK
DIVISION COMPUTER C.B. M. O. CHECKER
DISTRICT CHECKER R.B. CORRECT

CORRECT:
DATE DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL:

DATE ENGINEER OF DESIGN

APPROVED:

DATE STATE HIGHWAY ENGINEER

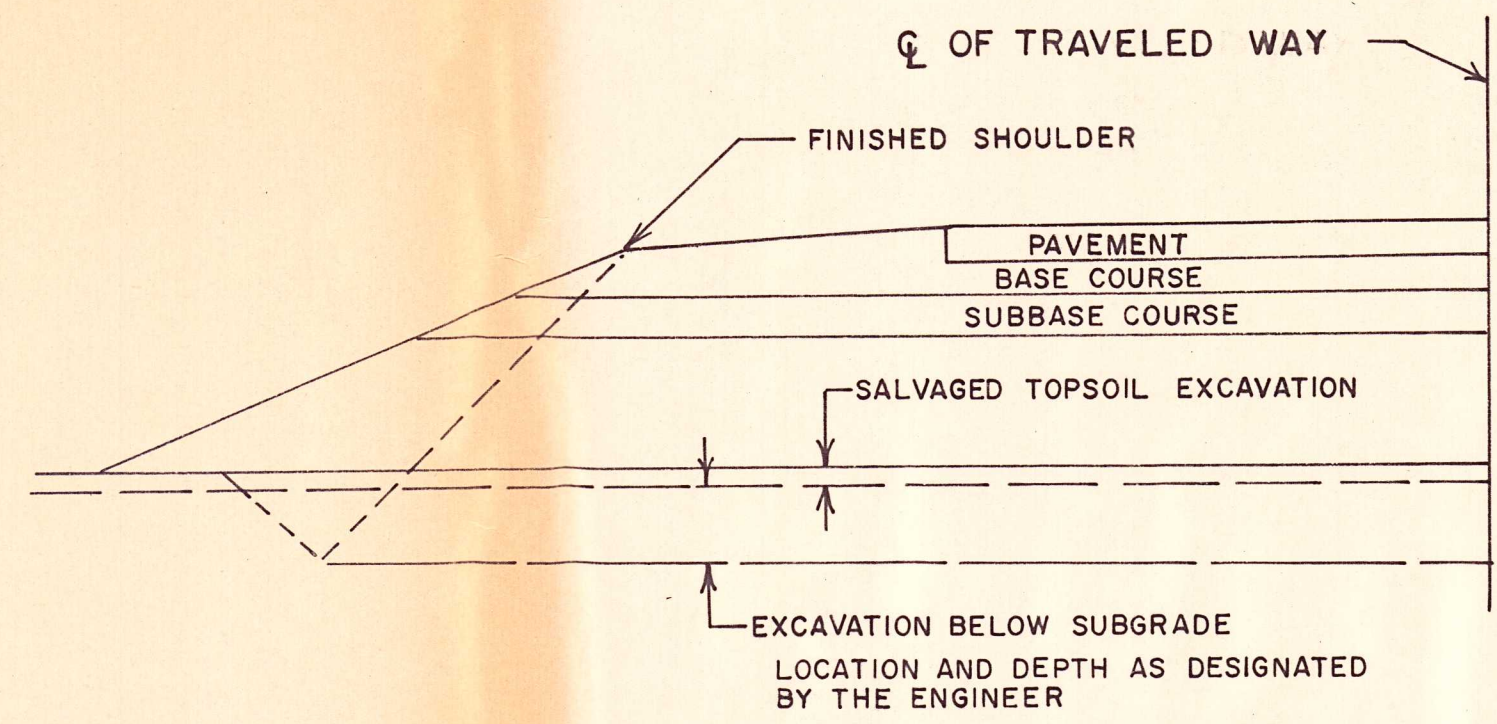
DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED:

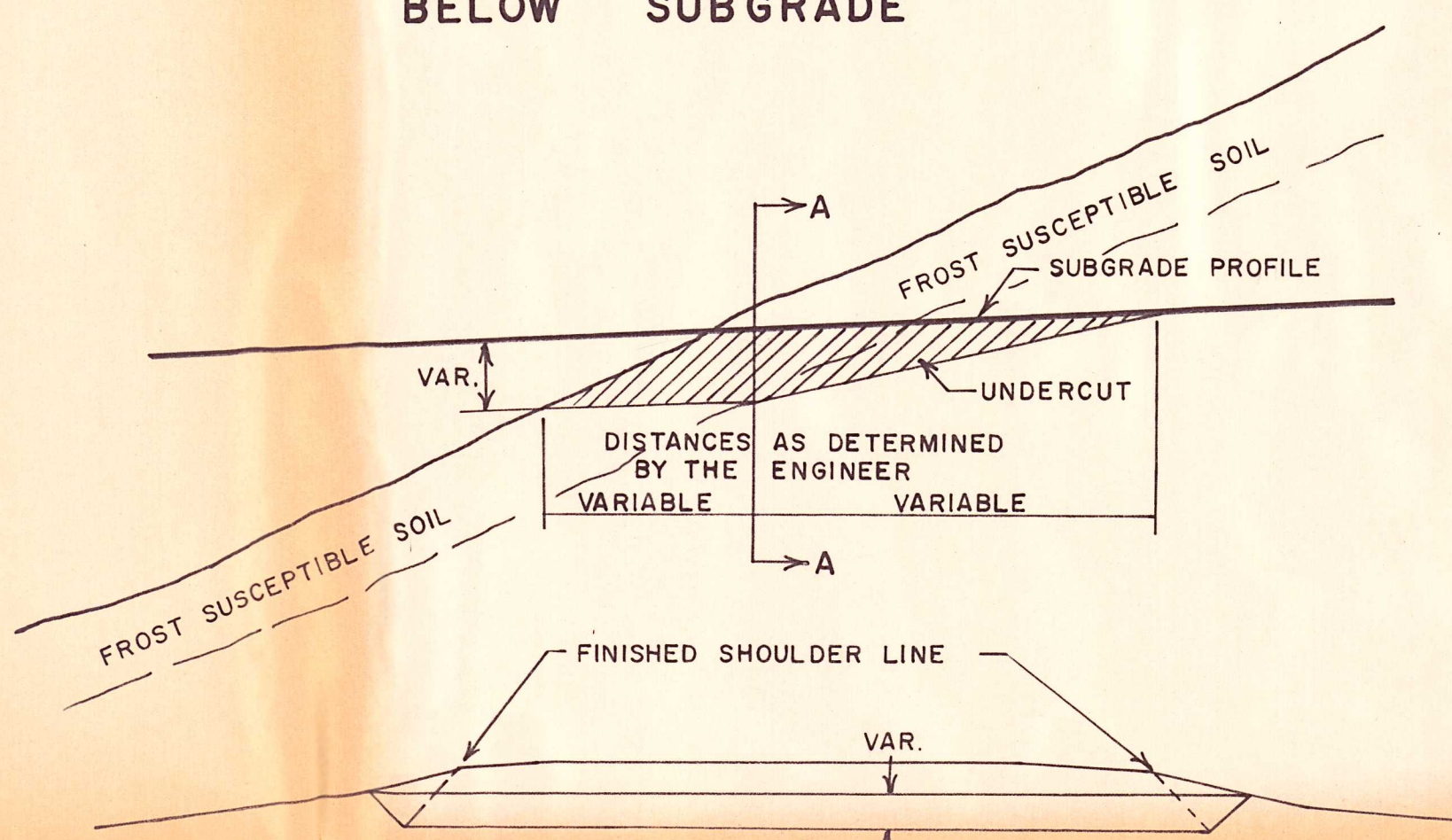
DATE

DIVISION ENGINEER

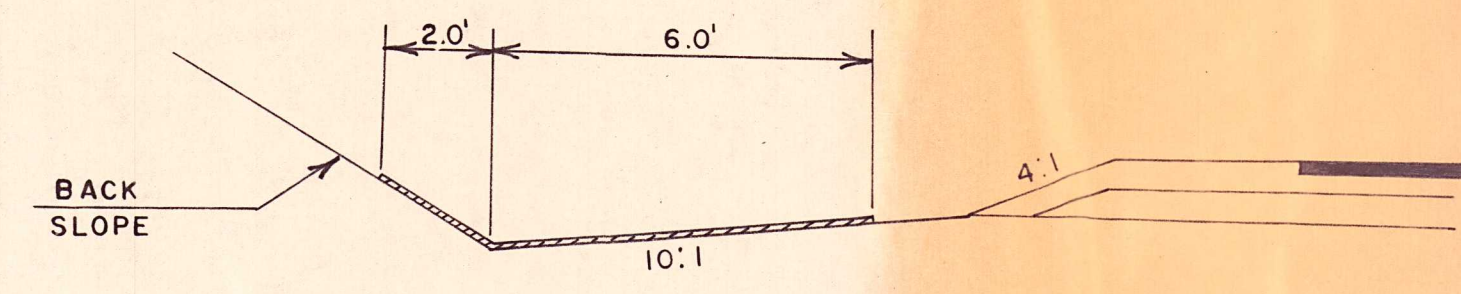
S 0202(4)



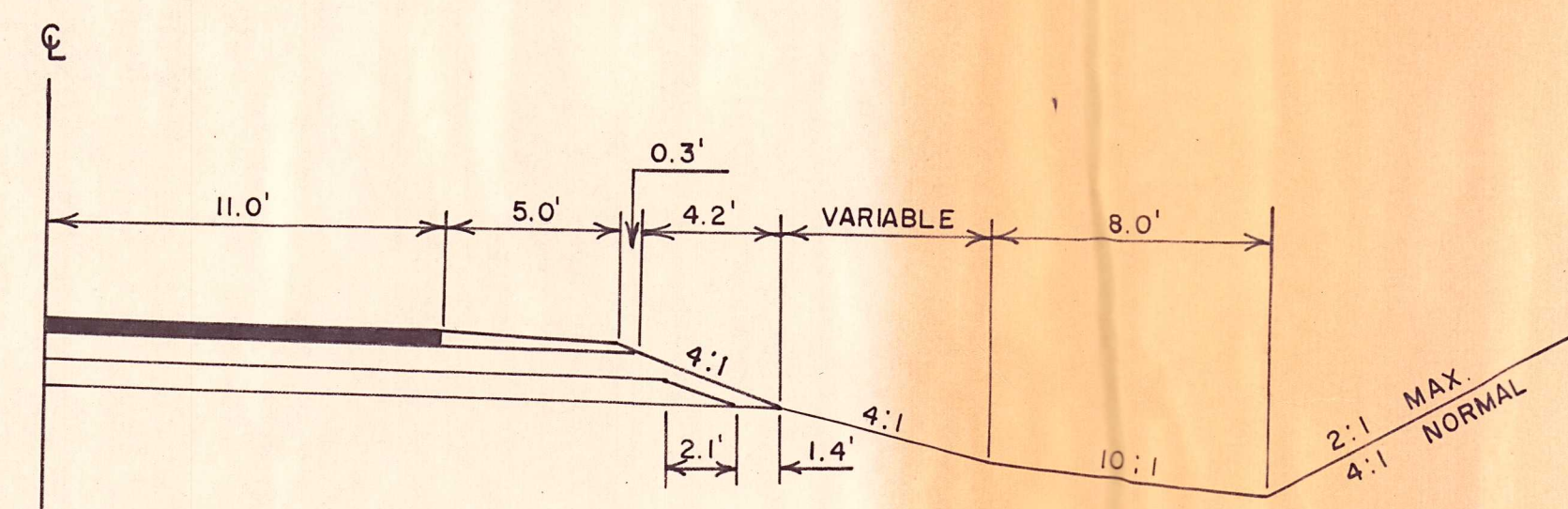
DETAIL FOR EXCAVATION
BELOW SUBGRADE



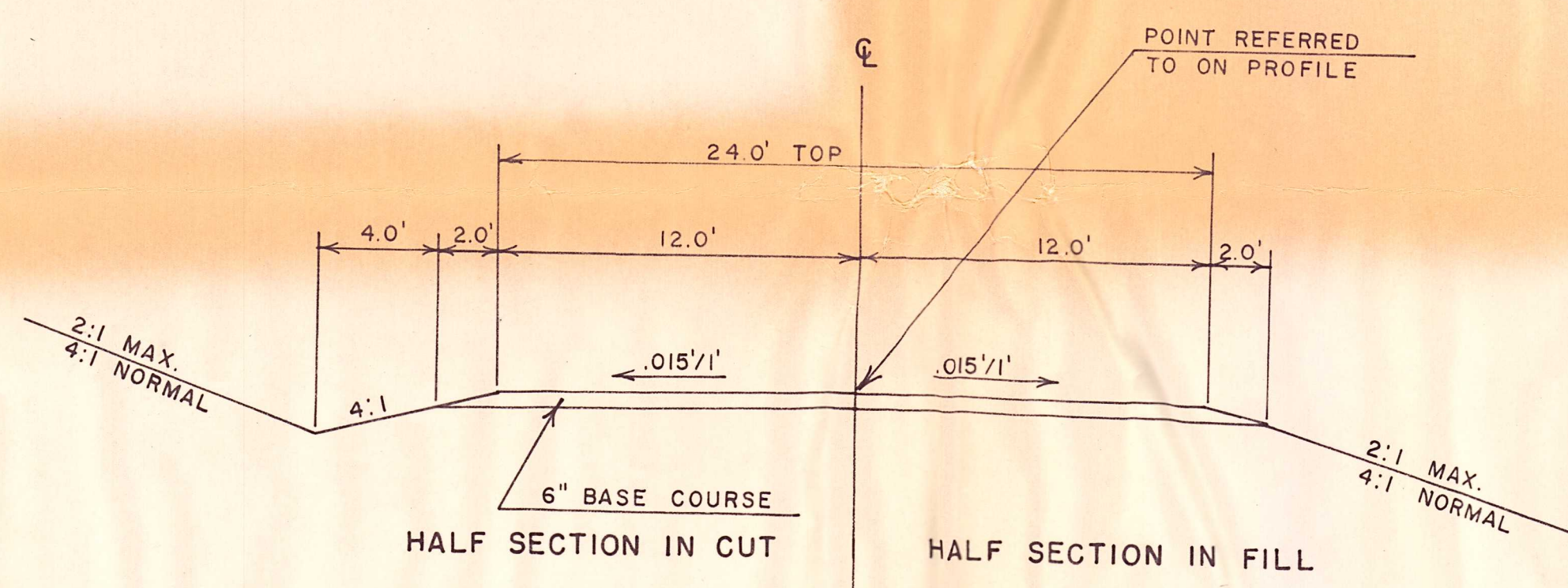
SECTION A-A
CROSS SECTION SHOWING UNDERCUT
DETAIL FOR EXCAVATION
AT MOUTH OF CUTS



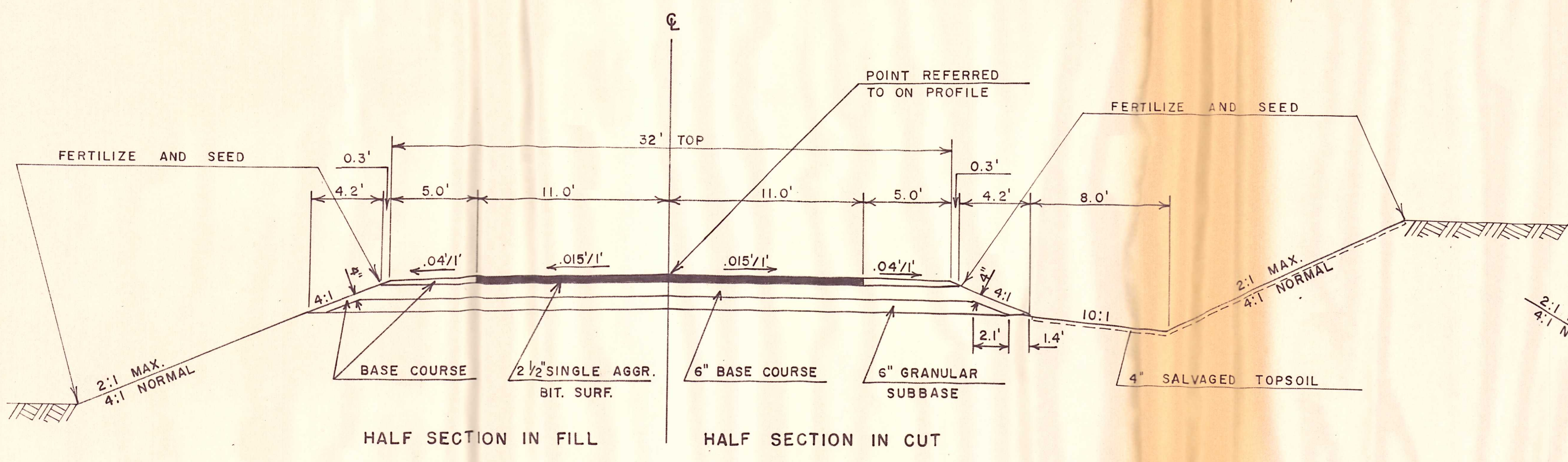
DETAIL FOR JUTE MATTING



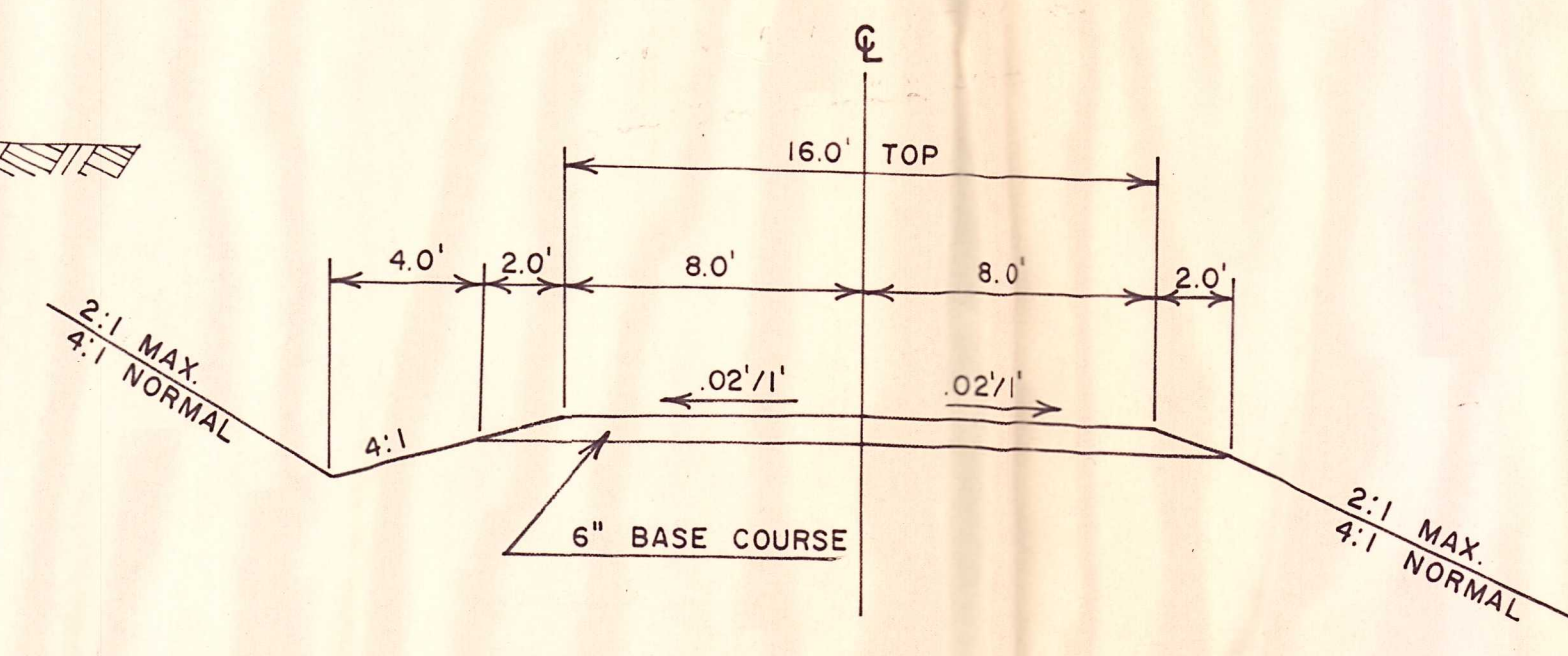
TYPICAL FINISHED SECTION
FOR SPECIAL DITCH



TYPICAL FINISHED SECTION
S.R. "B", "C" & "D"



TYPICAL FINISHED SECTION
STA. 217+00 - 469+50.2
AND S.R. "A"



TYPICAL FINISHED SECTION
PRIVATE ENTRANCE

UTILITIES

- TELEPHONE: PEOPLES TELEPHONE CO. MT. HOPE, WIS.
- POWER LINE: WIS. POWER & LIGHT CO. MINERAL POINT, WIS.
- GRANT ELECTRIC CO-OP LANCASTER, WIS.

STANDARD ABBREVIATIONS

- UNCL. - UNCLASSIFIED EXCAVATION
- F - FILL
- E.B.S. - EXCAVATION BELOW SUBGRADE
- B. - BORROW EXCAVATION
- R/W - RIGHT OF WAY
- C.P. - CULVERT PIPE
- P.L. - PROPERTY LINE

STANDARD DETAIL DRAWINGS

- 6-2.4.3 MORTAR RUBBLE MASONRY OR RIPRAP FOR CULVERT & CATTLE PASS ENDWALLS.
- 6-2.6.2 APRON ENDWALLS FOR CULVERT PIPE & PIPE ARCH.
- 7-1.3.4 MARKER POSTS & MARKER POSTS FOR RIGHT OF WAY.
- 7-2.4.10 STEEL PLATE BEAM GUARD & STEEL PLATE BEAM (MEDIAN) GUARD.
- 7-4.1.4 CONSTRUCTION BARRICADE
- 9-1.1.4 DESIGN & LAYOUT FOR SIDE ROAD AT GRADE INTERSECTIONS

GENERAL NOTES

NO TREES ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.
SHRINKAGE ESTIMATED AT 30%.
CURVE DATA BASED ON ARC DEFINITION.
EXACT LOCATION OF PRIVATE ENTRANCES TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
WHEN THE QUANTITY OF THE ITEMS OF SUBBASE, BASE, OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.
BEARINGS SHOWN ON THE PLAN ARE TRUE BEARINGS SHOWN TO THE NEAREST MINUTE.
EXCAVATION BELOW SUBGRADE IS SHOWN IN THE BALANCE POINTS AND IS INCLUDED IN UNCLASSIFIED EXCAVATION, BUT IS NOT SHOWN ON THE CROSS-SECTIONS.
BITUMINOUS SURFACING NOT A PART OF THIS CONTRACT.
SALVAGED TOPSOIL SHALL BE PLACED ON ALL CUT SLOPES ONLY, AT AN APPROXIMATE DEPTH OF 4" AT TIME OF APPLICATION.
SEED AND FERTILIZE ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, OUTSIDE OF THE FINISHED SHOULDER LINE.
AGGREGATES FOR BITUMINOUS SURFACE SHALL CONFORM TO GRADATION NO. 3, SUBSECTION 401.2.5 OF THE STATE HIGHWAY COMMISSION OF WISCONSIN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, EDITION OF 1963.

TYPICAL CROSS SECTION FOR

BAGLEY — S.T.H. 133

C.T.H. "A" GRANT CO.

PROJECT S 0202(4)

NOT TO SCALE

ESTIMATE OF QUANTITIES

8 AGGR. FOR BIT. SURE CRSE	
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[illegible]

CULVERTS	(STRUCTURES	20 FT.	SPAN	8	UNDER)
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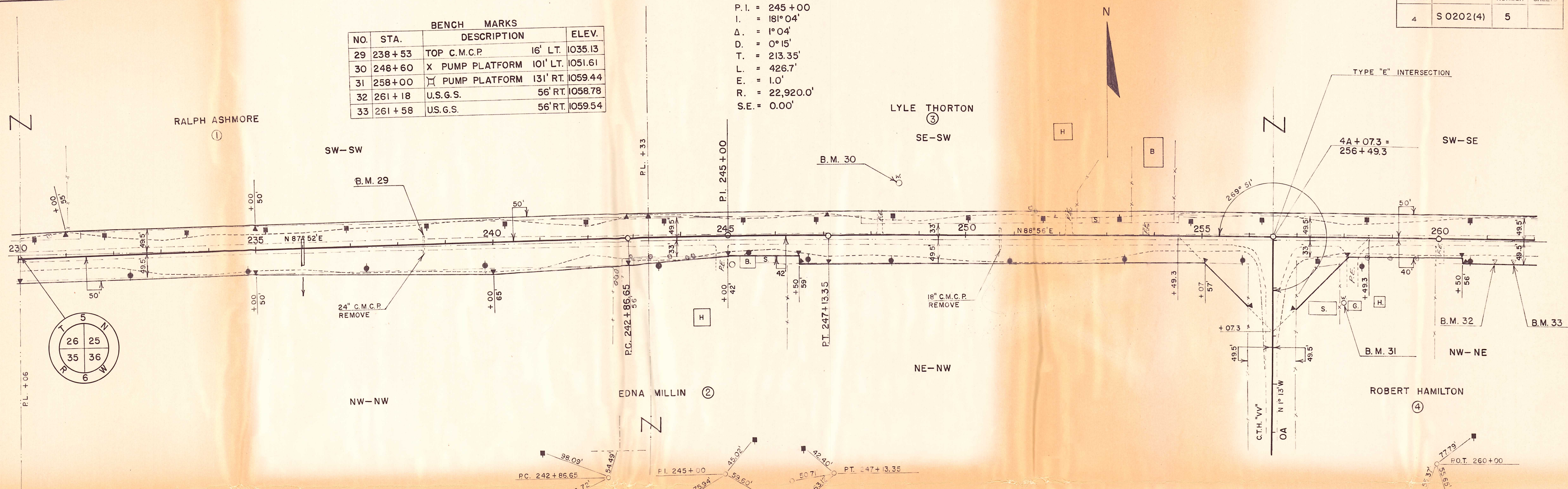
[illegible][illegible]

PROJECT	SHEET NUMBER	TOTAL SHEETS
S 0202 (4)	3A	

CLEARING & GRUBBING			GRAVEL OR CRUSHED STONE BASE COURSE		JUTE MATTING				STEEL PLATE BEAM GUARD			MARKER POSTS			PIPE CULVERTS											
STATION - STATION	STATIONS		STATION - STATION	TONS	STATION - STATION	SY.	STATION - STATION	SIDE		LIN. FT.	STATION - STATION	SIDE		NO.	SEC. NO.	STATION	DIAMETER INCHES	LENGTH LIN. FT.	TYPE	C RDY	P.E.&S R			END WALLS	MARKERS	
	CLEARING	GRUBBING						LT.	RT.			LT.	RT.								L	R				
227-228	1	1	216+00-469+50	35,250		221+50-225+00	✓	✓	622		219+50-221+50	✓		5												
230-231	1	1	S.R."A"	375		241+50-243+00	✓	✓	266					2		220+30	24"	112'	CL. III	✓			2	2		
242-245	3	3	S.R."B"	370		281+00-291+50	✓	✓	1866					2		236+00	24"	58'	"	✓			2	2		
2"C"-4"C"	2	2	S.R."C"	730		294+50-301+50	✓	✓	622					6		268+00	24"	60'	"	✓			2	2		
372-373	1	1	S.R."D"	625		298+50-301+50		✓	267					4		276+00	24"	48'	"	✓			2	2		
374-375	1	1	S.T.H. 133 INTER.	350		306+00-314+00	✓		711					12		314+00-316+50	24"	66'	"	✓			2	2		
4"D"-5"D"	1	1	P.E.'S	900		306+00-312+00		✓	533					12		337+00-342+00	24"	66'	"	✓			2	2		
408-413	5	5	SHOULDER STOCKPILE	3000		317+50-323+00	✓		489					3		378+00-379+00	24"	68'	"	✓			2	2		
466-469		3				316+50-323+00		✓	578					4		378+00-379+50	24"	84'	"	✓			2	2		
						328+50-336+50	✓		711					5		386+00-388+00	24"	82'	"	✓			2	2		
						328+50-329+50		✓	89					10		394+50-396+50	24"	66'	"	✓			2	2		
						337+15-338+65	✓		133					3		420+00-421+00	24"	72'	"	✓			2	2		
						340+00-346+00	✓		533					3		445+50-446+50										
						342+50-346+00		✓	311					5		461+50-463+50										
						351+00-356+50	✓		489					16		S.R."C" INTER.										
						351+00-355+50		✓	400																	
						363+50-372+00	✓		755																	
						367+50-372+00		✓	400																	
						376+00-378+00	✓		178																	
						384+50-386+00		✓	133																	
						385+00-386+00	✓		89																	
						408+50-412+50		✓	356																	
						427+00-433+00		✓	533																	
						426+00-433+00	✓		622																	
						440+00-441+50	✓	✓	800																	
						453+00-456+00	✓		267																	
						453+50-456+00		✓	222																	
						464+00-466+00	✓		178																	
															PRIVATE ENTRANCE CULVERTS											
															227+00	18"	24'	CL. III	✓			2				
															244+82	18"	24'	"		✓		2				
															253+00	18"	24'	"	✓			2				
															283+00	18"	24'	"		✓		2				
															291+00	18"	30'	"	✓			2				
															299+00	18"	24'	"	✓	✓		2				
															313+50	18"	32'	"	✓	✓		2				
															343+00	18"	24'	"	✓			2				
															343+00	18"	24'	"		✓		2				
															363+00	18"	24'	"		✓		2				
															375+50	18"	24'	"	✓			2				
															5"D"+00	18"	24'	"		✓		2				
															403+00	18"	24'	"		✓		2				
															411+00	18"	24'	"		✓		2				
															422+00	24"	42'	"	✓			2				
															466+75	18"	24'	"		✓		2				

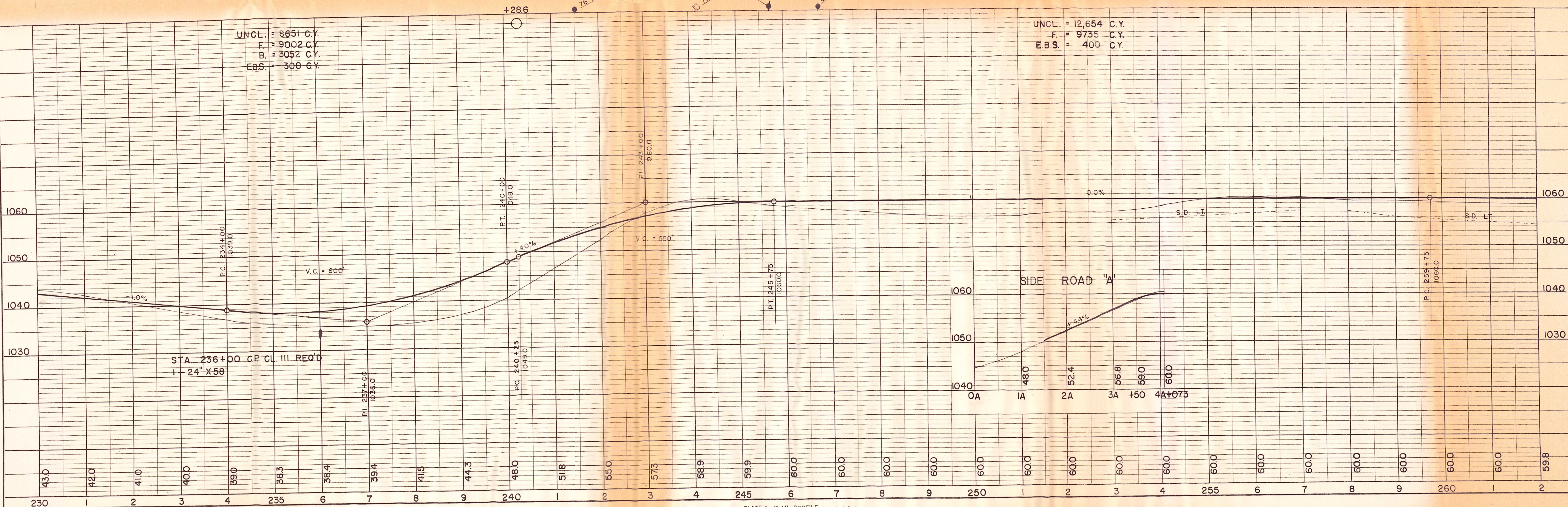
BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
29	238+53	TOP C.M.C.P. 16' LT.	1035.13
30	248+60	X PUMP PLATFORM 101' LT.	1051.61
31	258+00	PUMP PLATFORM 131' RT.	1059.44
32	261+18	U.S.G.S. 56' RT.	1058.78
33	261+58	U.S.G.S. 56' RT.	1059.54

P.I. = 245+00
 I. = 181°04'
 Δ. = 1°04'
 D. = 0°15'
 T. = 213.35'
 L. = 426.7'
 E. = 1.0'
 R. = 22,920.0'
 S.E. = 0.00'



UNCL. = 8651 C.Y.
 F. = 9002 C.Y.
 B. = 3052 C.Y.
 E.B.S. = 300 C.Y.

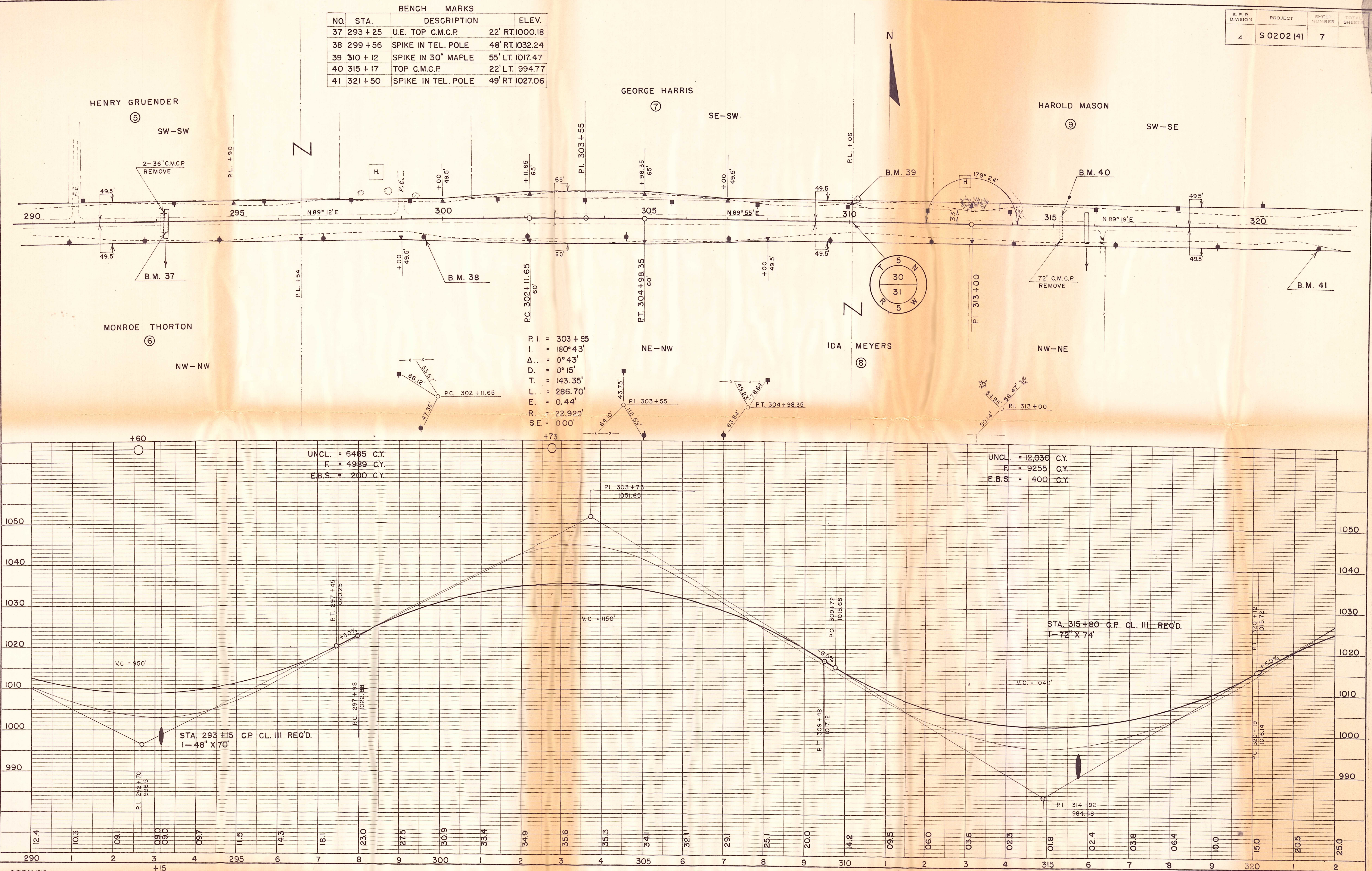
UNCL. = 12,654 C.Y.
 F. = 9735 C.Y.
 E.B.S. = 400 C.Y.



BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
37	293 + 25	U.E. TOP C.M.C.P.	22' RT. 1000.18
38	299 + 56	SPIKE IN TEL. POLE	48' RT. 1032.24
39	310 + 12	SPIKE IN 30" MAPLE	55' LT. 1017.47
40	315 + 17	TOP C.M.C.P.	22' LT. 994.77
41	321 + 50	SPIKE IN TEL. POLE	49' RT. 1027.06

PLAN	DATE	BY
	SURVEYED	PLOTTED
	NOTE BOOK	ALIGNED CHECKED
	NO.	RT. OF WAY CHECKED

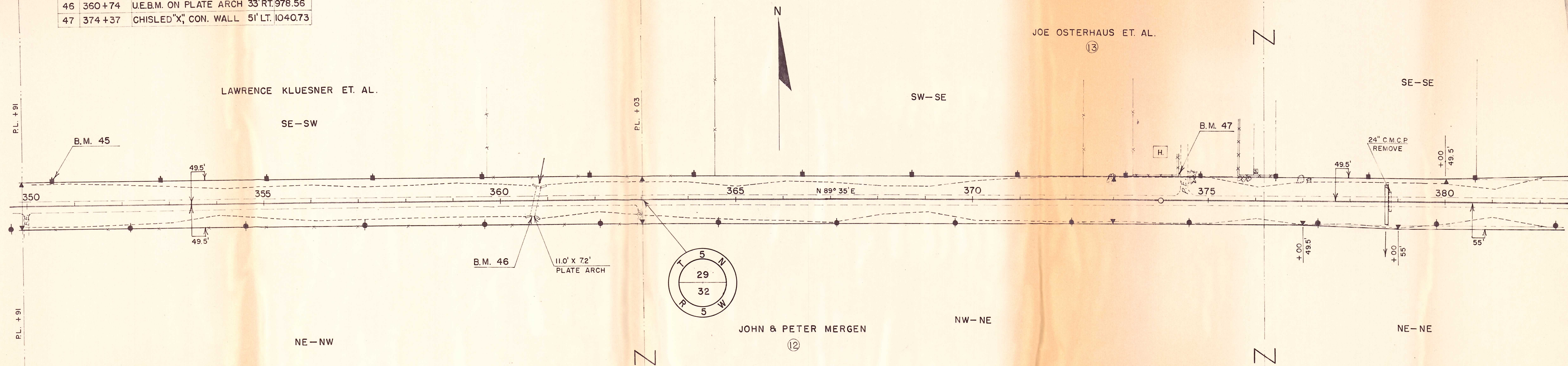
PROFILE	DATE	BY
	SURVEYED	PLOTTED
	NOTE BOOK	GRADES CHECKED
	NO.	STRUCTURE NOTING CHECKED



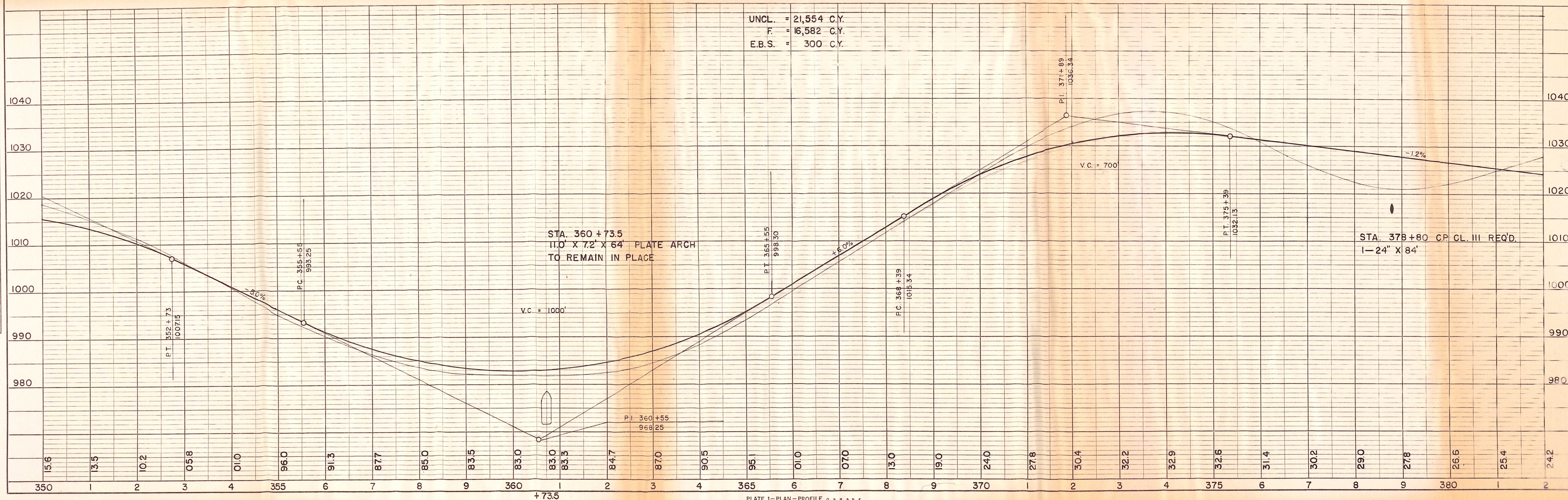
BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
45	350+55	R.R. SPIKE IN P.P.	51' LT. 1018.60
46	360+74	U.E.B.M. ON PLATE ARCH 33' RT.	978.56
47	374+37	CHISLED "X" CON. WALL 51' LT.	1040.73

B. P. R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0202 (4)	9	

PLAN	DATE
	BY
	SURVEYED
	NO. OF WAY CHECKED



PROFILE	DATE
	BY
	SURVEYED
	NO. OF WAY CHECKED

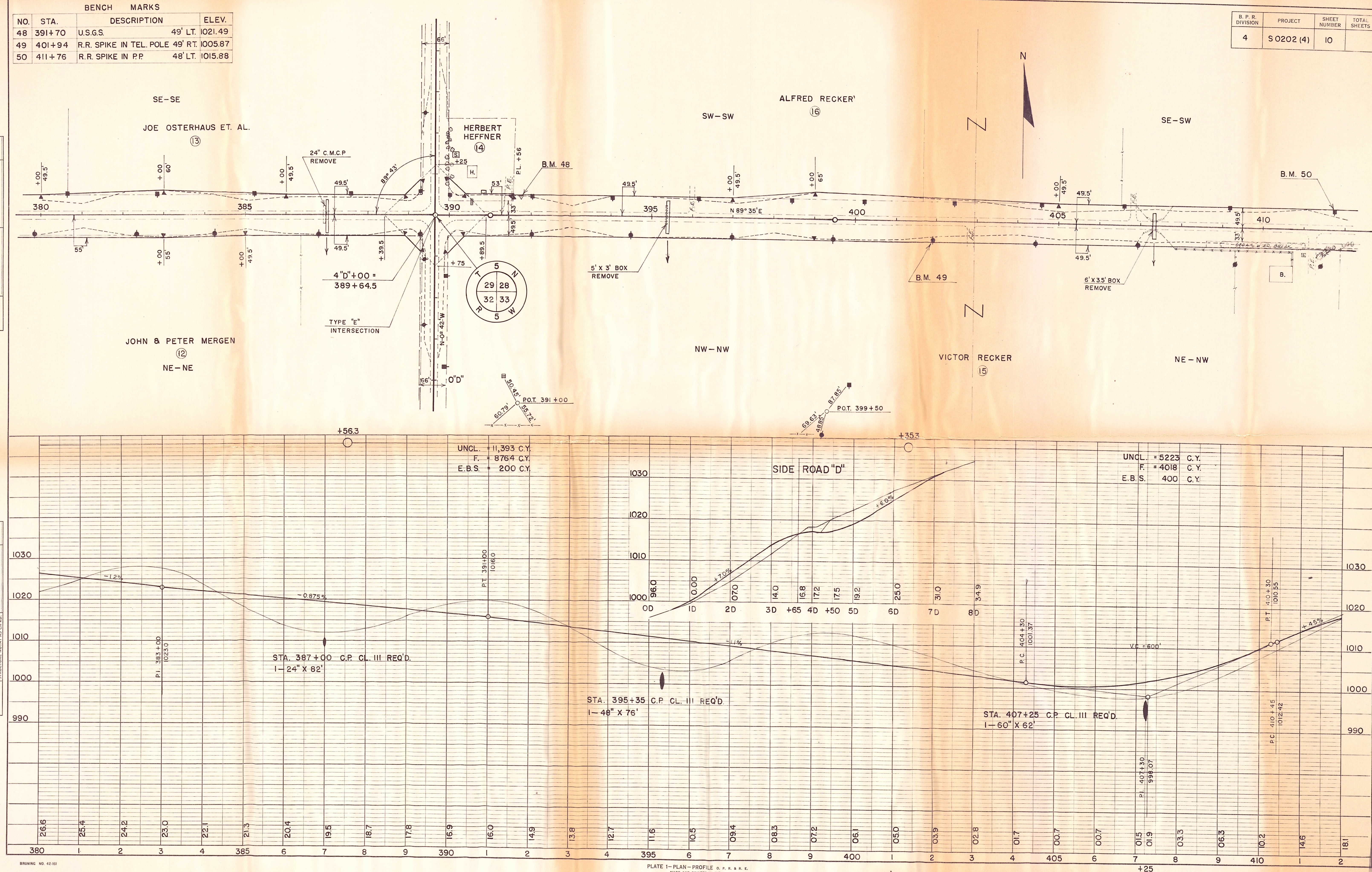


BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
48	391+70	U.S.G.S.	49' LT. 1021.49
49	401+94	R.R. SPIKE IN TEL. POLE 49' RT.	1005.87
50	411+76	R.R. SPIKE IN P.P.	48' LT. 1015.88

B. P. R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0202 (4)	10	

PLAN	DATE	
	BY	
	SURVEYED	
	NOTE BOOK	

PROFILE	DATE	
	BY	
	SURVEYED	
	NOTE BOOK	

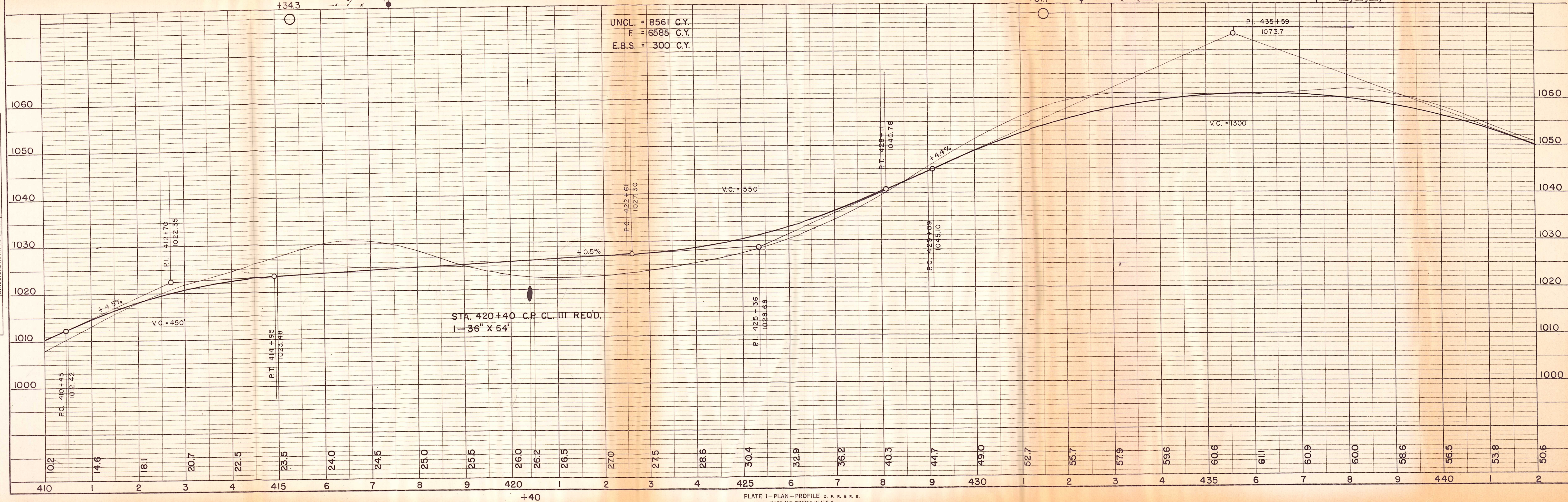
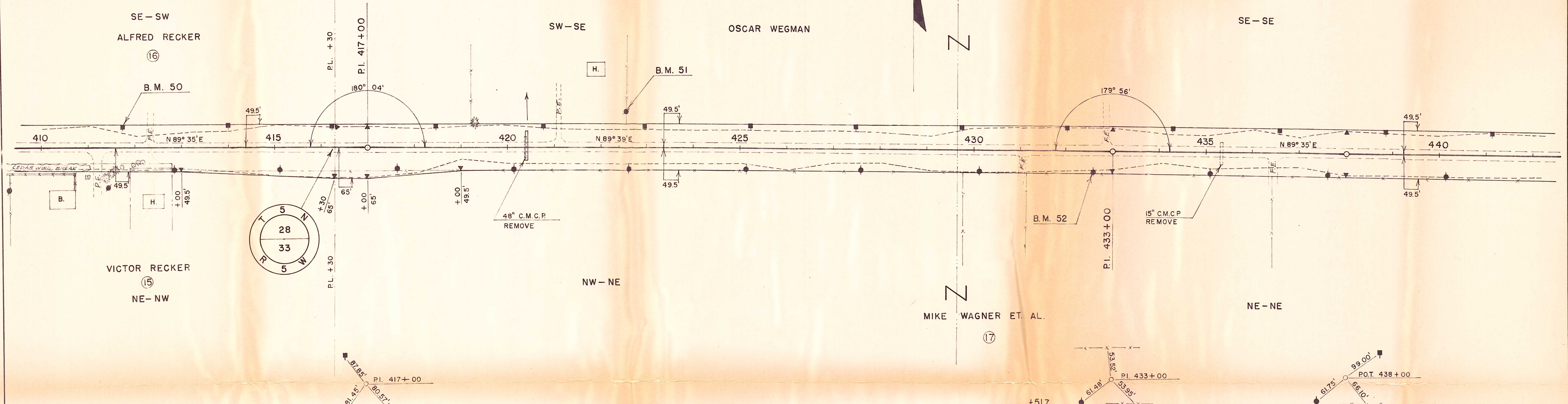


B. P. R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0202 (4)	11	

NO.	STA.	DESCRIPTION	ELEV.
50	411+76	R.R. SPIKE IN P.P.	48' LT. 1015.88
51	422+55	R.R. SPIKE TEL. POLE	75' LT. 1022.96
52	432+60	R.R. SPIKE TEL. POLE	50' RT. 1060.12

PLAN	DATE	
	BY	
	SURVEYED	
	NOTE BOOK	

PROFILE	DATE	
	BY	
	SURVEYED	
	NOTE BOOK	



B. P. R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0202 (4)	12	

