PAVING PLANS FOR

BEACON VILLAGE

CROYDEN : FROM THE WEST LINE OF BEACON HILL (STREET) TO THE EAST LINE OF BEACON VILLAGE ADD.

PARKWOOD : FROM THE NORTH LINE OF MAINSGATE TO THE NORTH LINE OF BEACON VILLAGE ADD.

OLD MANOR / MAINSGATE / BEACON HILL: FROM THE SOUTH LINE OF LOT 8, BLOCK 1, BEACON VILLAGE TO THE NORTH LINE OF CROYDEN

OLD MANOR CIRCLE : FROM THE NORTH LINE OF OLD MANOR TO THE NORTH LINE OF MAINSGATE

PROJECT NO.

472-76-245-81948-000-000-001

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, CITY ENGINEER

AUGUST, 1989

INDEX #760124

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.

2. TRANSITION CURB FROM FULL HEIGHT COMBINATION CURB AND GUTTER TO ROLL TYPE COMBINATION CURB AND GUTTER IS TO BE PAID AS BID FOR LINEAL FEET COMBINED CURB AND GUTTER (3 5/8" ROLL).

3. ALL CONCRETE SHALL BE STANDARD PAVING MIX UNLESS OTHERWISE NOTED.

4. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.

5. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF TWENTY-FOUR (24) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

   KANSAS ONE-CALL 1-800-344-7233

   THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF EMERGENCY:

ARKLA GAS COMPANY	942-8350 or 263-8161
BELL TELEPHONE	1-316-571-2611
CABLEVISION	262-4270 or 262-2061
GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	264-1141
CITY OF WICHITA WATER DEPARTMENT	268-4908
CITY OF WICHITA SEWER MAINTENANCE	268-4071
CONTINENTAL PETROLEUM PIPELINE	1-405-767-2367

6. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APEARANCE WILL NOT BE APPROVED.

7. THIS PROJECT INCLUDES A CERTAIN AMOUNT OF ROLL TYPE CURB CONSTRUCTION. ROLL CURBS SHALL BE DEPRESSED THROUGH ALL DRIVEWAY OPENINGS WHEN SUCH DRIVES ARE CONSTRUCTED AS A PART OF THE PROJECT. NO MORE THAN 2 DRIVES 20 FEET IN WIDTH OR EQUIVALENT COMBINATIONS THEREOF, ARE TO BE CONSTRUCTED WITH THIS PROJECT.

8. A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ABUTS AN EXISTING SURFACE COURSE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED. SAWED JOUINT TO FACILITATE REMOVAL WITHIN THREE (3) FEET OF EXISTING JOINTS WILL NOT BE PERMITTED AND FOR SUCH INSTANCES THE LIMITS OF REMOVAL SHALL EXTEND TO THE EXISTING JOINT. SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE REMOVAL OF THE SURFACE OR PAVEMENT.

BENCH MARKS

B.M. #1: "□" Cut on Top of Curb at North end return, N.W. corner Ridgewood & Croyden.
ELEV. = 184.205

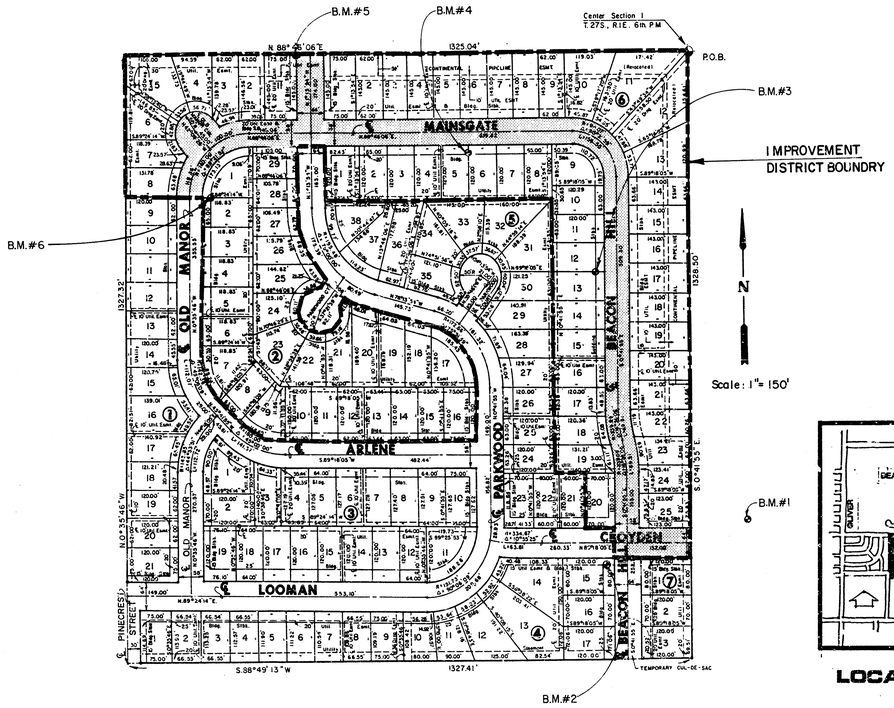
B.M. #2: "T" Post 5' ± South & 5' ± West of N.E. Corner Lot 15, Block 4.
ELEV. = 186.54

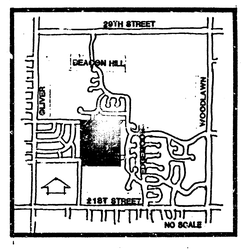
B.M. #3: "T" Post 5' ± West of N.E. Corner Lot 13, Block 5.
ELEV. = 185.80

B.M. #4: "T" Post 5' ± South of N.E. Corner Lot 5, Block 5.
ELEV. = 180.80

B.M. #5: "T" Post 5' ± East of N.W. Corner Lot 2, Block 2.
ELEV. = 177.02

B.M. #6: "□" Cut on Top of Curb at South end of West curb Parkwood.
ELEV. = 174.48





LOCATION MAP

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-4	PAVING DETAILS
5	CROYDEN
6	PARKWOOD
7-9	BEACON HILL & MAINSGATE
10	OLD MANOR, MAINSGATE & OLD MANOR CIRCLE
11-22	CROSS SECTIONS
23	FINAL PLAT

BEACON VILLAGE PAVING PLANS PHASE I

Design GJA
Drawn by EF/DM
Checked by DSS
Date AUG. 1989
Job no

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226
636-5566

Sheet 1 of 23

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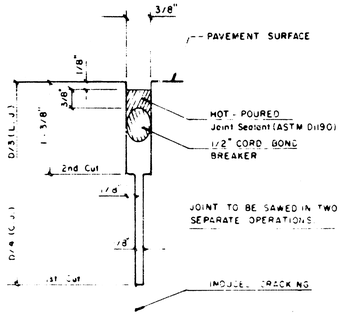
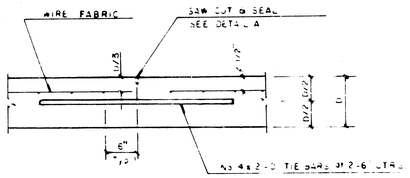
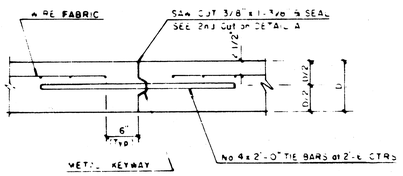


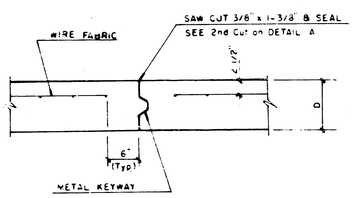
DETAIL A



LONGITUDINAL JOINT DETAIL (L.J.)

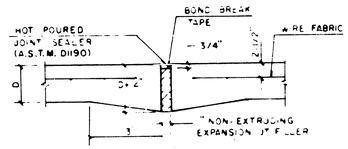


OPTIONAL LONGITUDINAL CONSTRUCTION JOINT (L.J.)
(Alternate L.J.)



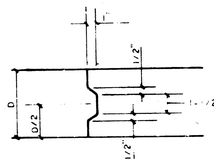
OPTIONAL CONTRACTION CONSTRUCTION JOINT (C.J.)
(Alternate C.J.)

NOTE: ALL CONCRETE VALLEY GUTTER REINFORCEMENT SHALL BE ADEQUATELY SUPPORTED BY BAR CHAIRS IN THE REQUIRED POSITION UNLESS APPROVED OTHERWISE BY THE ENGINEER

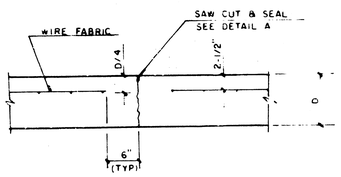


EXPANSION JOINT

NOTE: EXTRA THICKNESS TO BE SUBSIDIARY TO PRICE OF SQ YDS PAVEMENT



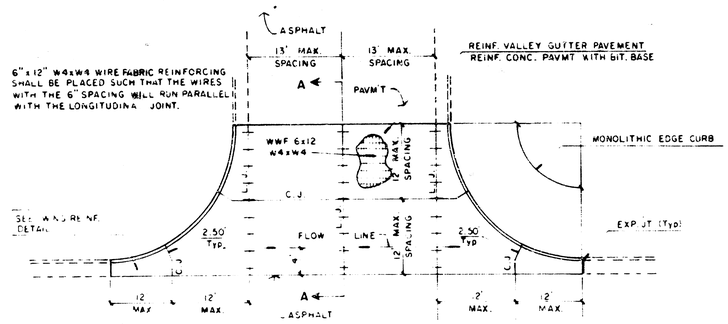
KEYWAY DETAIL



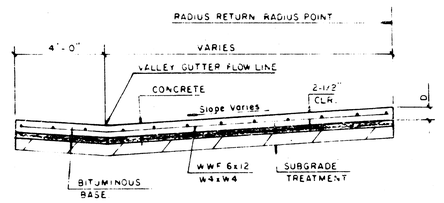
CONTRACTION JOINT DETAIL (C.J.)

L E G E N D

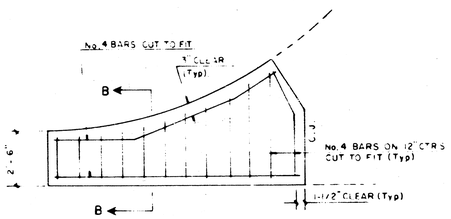
C.J. IDENTIFIES CONTRACTION JOINT
L.J. IDENTIFIES LONGITUDINAL JOINT



PLAN
REINFORCED VALLEY GUTTER

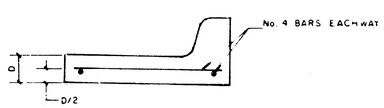


SECTION A-A



NOTE: OMIT WIRE FABRIC REINFORCING IN THIS SECTION.

WING REINFORCING DETAIL



SECTION B-B

PROJECT DESCRIPTION
VALLEY GUTTER DETAILS
PROJECT NUMBER
2
23

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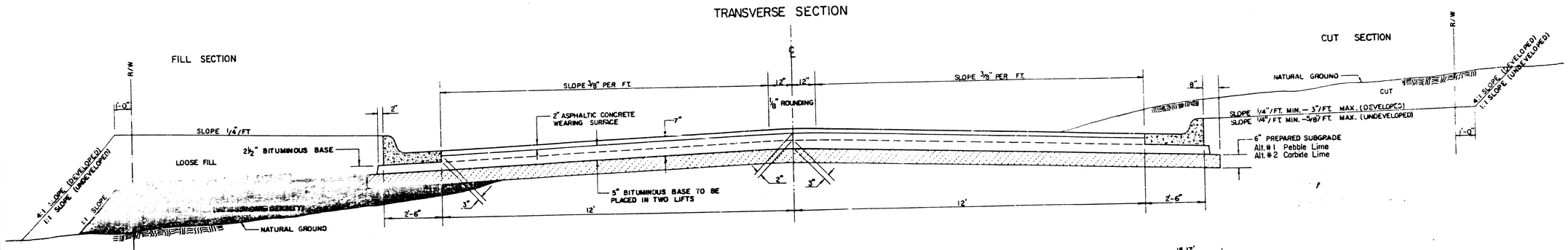
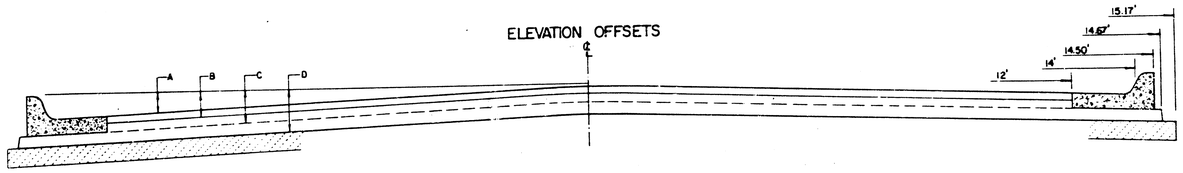
TYPICAL 29' PAVEMENT DETAILS

TRANSVERSE SECTION

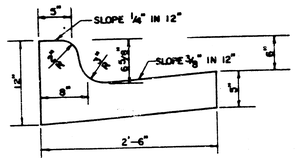


ELEVATION OFFSETS

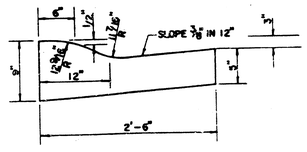


	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	14.67'	15.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.47	0.52	0.60	0.68	0.71	0.75	0.83	0.90	0.98	1.00	1.01	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.72	0.77	0.84	0.91	0.94	0.98	1.05	1.12	1.19	1.21	1.21	1.23

COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.

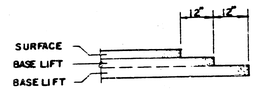
3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER 3 23

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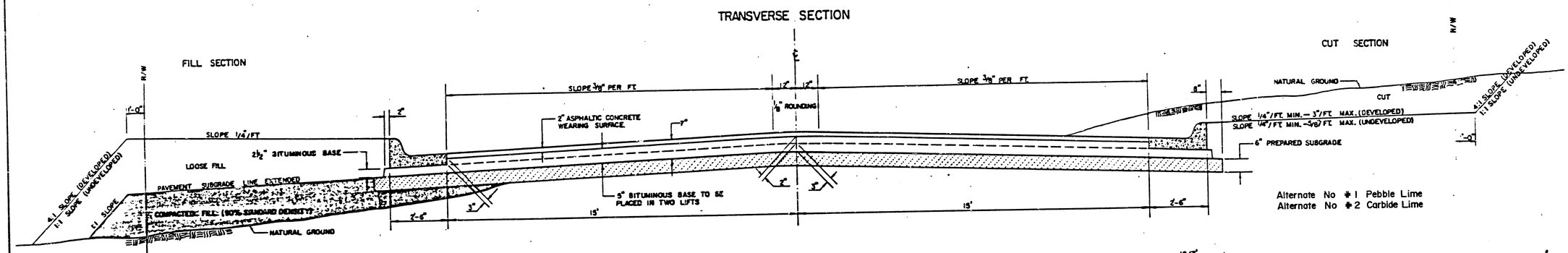
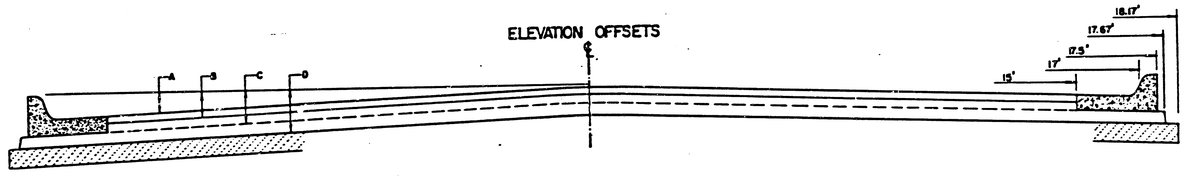
TYPICAL 35' PAVEMENT DETAILS

TRANSVERSE SECTION



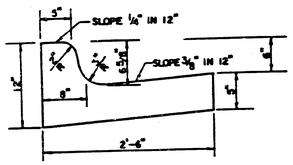
Alternate No #1 Pebble Lime
Alternate No #2 Carbide Lime

ELEVATION OFFSETS

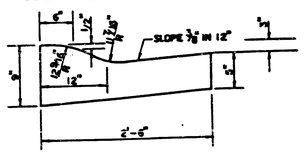


	DISTANCE FROM CENTERLINE (LT. & RT.)												
	0'	2'	4'	6'	8.5'	10'	12'	14'	15'	17'	17.5'	17.67'	18.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.04	0.08	0.14	0.21	0.29	0.33	0.39	0.46	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.21	0.25	0.31	0.37	0.43	0.50	0.56	0.62	0.65	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.37	0.43	0.50	0.57	0.67	0.72	0.79	0.87	0.90	0.98	1.00	1.00	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.62	0.67	0.74	0.81	0.90	0.95	1.02	1.08	1.12	1.19	1.21	1.21	1.23

COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.

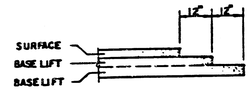
3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 8" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).

7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER
4/23

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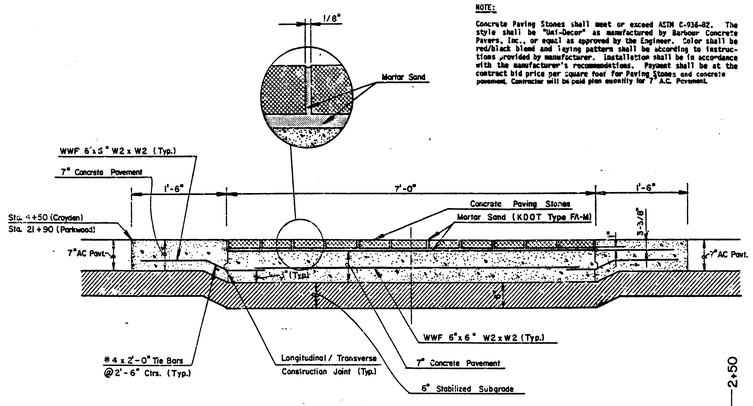
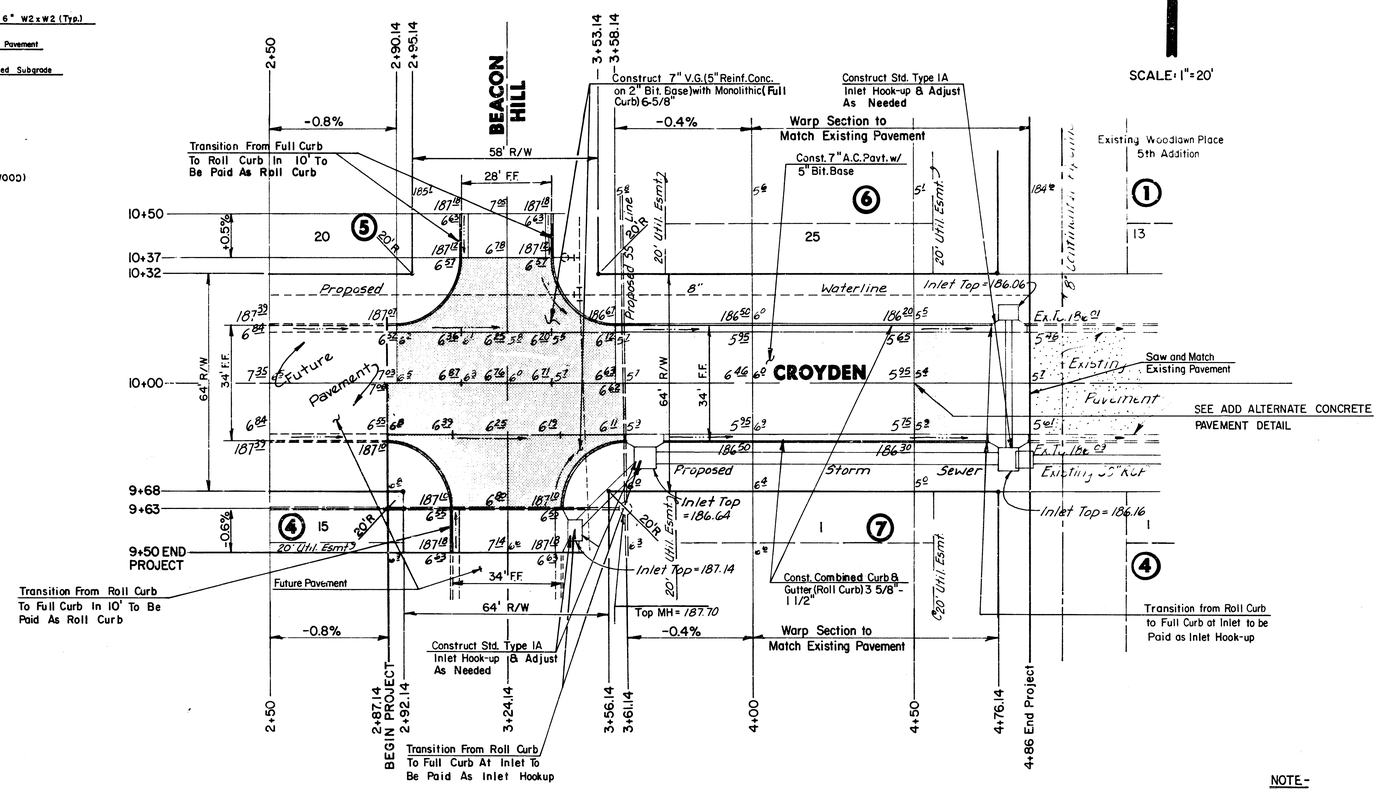


NOTE:

Concrete Paving Stones shall meet or exceed ASTM C-936-82. The style shall be "Uni-Decor" as manufactured by Barkcon Concrete Pavers, Inc., or equal as approved by the Engineer. Color shall be red/black blend and laying pattern shall be according to instructions provided by manufacturer. Installation shall be in accordance with the manufacturer's recommendations. Payment shall be at the contract bid price per square foot for Paving Stones and concrete pavement. Contractor will be paid plan quantity for 7" A.C. Pavement.

ADD ALTERNATE CONCRETE PAVEMENT DETAIL

BEGIN CONSTRUCTION AT STA. 4+50 (CROYDEN)
BEGIN CONSTRUCTION AT STA. 21+90 (PARKWOOD)



BEACON VILLAGE

NOTE-

TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB. CONSTRUCT COMBINED CURB & GUTTER (ROLL TYPE).

EARTHWORK	
CUT	COMP. FILL
3360 CY	1090 CY

INTERSECTION QUANTITIES (Beacon Hill and Croyden)	
246.7	S.Y. 7" A.C. Pavmt. w/ 5" Bit. Base
215.0	S.Y. 7" Reinf. Conc. Valley Gutter w/ 2" Bit. Base
------	L.F. Combined Curb and Gutter - Roll (3 5/8")
128.0	L.F. Monolithic Edge Curb and Gutter - Full (6 5/3")
471.2	S.Y. Subgrade Stabilization (Manipulation)
2.4	S.Y. 2" Bit. Base

CITY OF WICHITA

CROYDEN

PROJECT NO.
472-76-245-81948-000-000-001

MID-KANSAS ENGINEERING CONSULTANTS PA
3000 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226
636-5566

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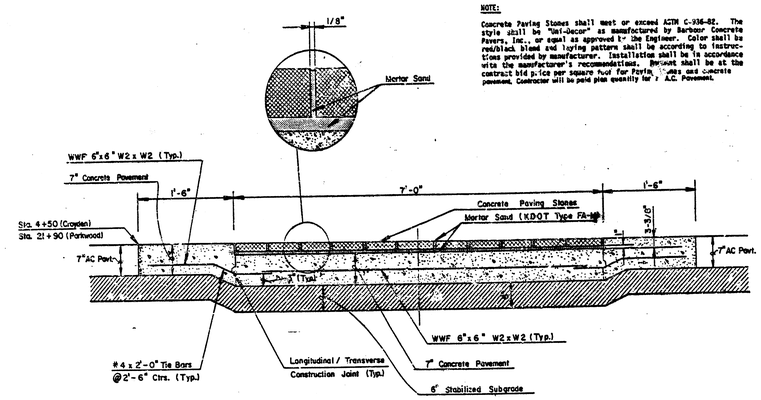


NOTE:

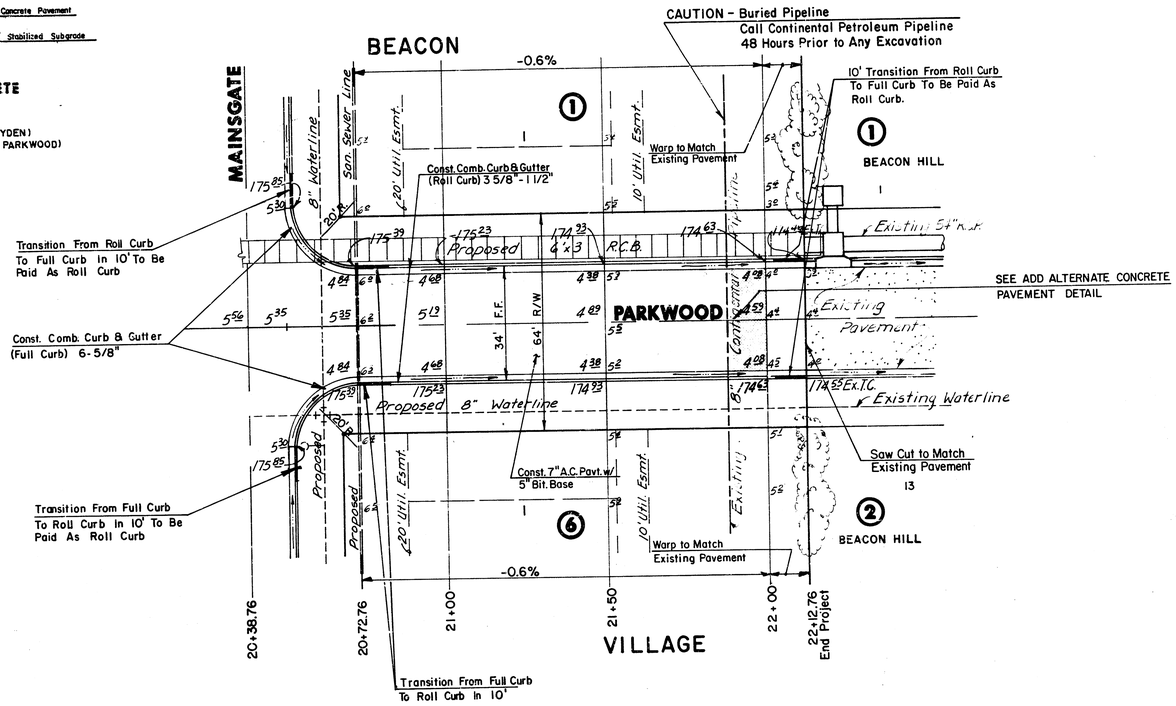
Concrete Paving Stones shall meet or exceed ASTM C-936-82. The style shall be "Uni-Decor" as manufactured by Barbour Concrete Pavers, Inc., or equal as approved by the Engineer. Color shall be red/black blend and laying pattern shall be according to instructions provided by manufacturer. Installation shall be in accordance with the manufacturer's recommendations. Payment shall be at the contract bid price per square foot for Portland Cement Concrete pavement. Contractor will be paid plan quantity for 7" A.C. Pavement.

ADD ALTERNATE CONCRETE PAVEMENT DETAIL

BEGIN CONSTRUCTION AT STA. 4+50 (CROYDEN)
BEGIN CONSTRUCTION AT STA. 21+90 (PARKWOOD)

N

SCALE: 1" = 20'



NOTE-

TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB, CONSTRUCT COMBINED CURB & GUTTER (ROLL TYPE).

CITY OF WICHITA

PARKWOOD

PROJECT NO.
472-76-245-81948-000-000-001

Design GJA
Drawn by EAF
Checked by DSS
Date AUG. 1989
Job no.

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226
636-5566

Sheet 6 of 23

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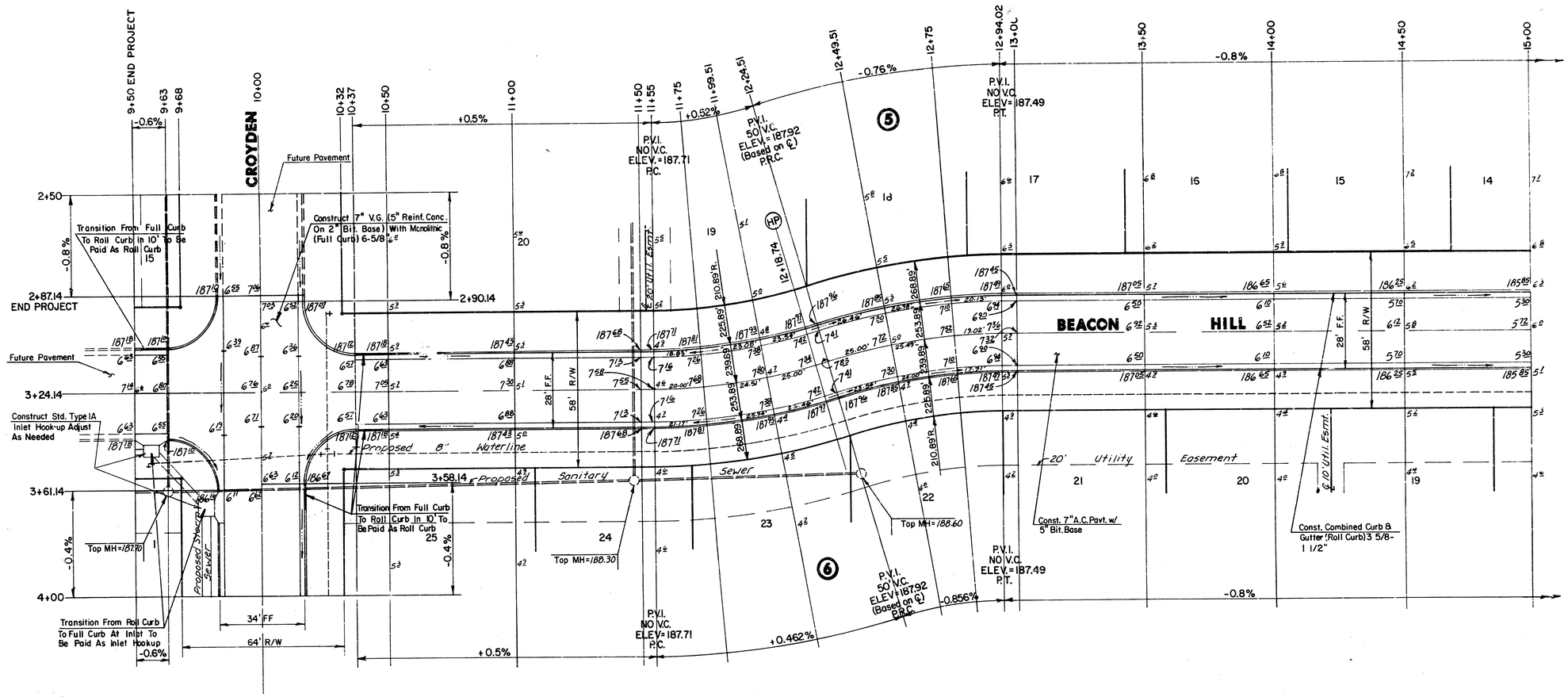

NOTE-

TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB, CONSTRUCT COMBINED CURB & GUTTER (ROLL TYPE).

WATER VALVE BOXES		
STATION	OFFSET	ELEVATION
10+23	23' RT.	187.0
10+26	20' RT.	187.0
10+29	23' RT.	187.0
10+37	21.6' RT.	187.3

= 16°36'06" R = 239.89' T = 35.00' L = 69.51' LC = 69.27'

CURVE DATA BASED ON CENTERLINE /2 = 08°18'03"

STATION	ARC	CHORD LENGTH 8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
12+24.51	-	-	-	00°00'00"	00°00'00"
12+49.51	25.00'	27.28'	22.70'	02°59'08"	02°59'08"
12+75.00	25.49'	27.81'	23.141'	03°02'39"	05°01'46"
12+94.02	19.02'	20.76'	17.27'	02°16'17"	08°18'03"

Def/Ft = 7.16526 Min.

= 16°36'06" R = 239.89' T = 35.00' L = 69.51' LC = 69.27'

CURVE DATA BASED ON CENTERLINE /2 = 08°18'03"

STATION	ARC	CHORD LENGTH 8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
11+55.00	-	-	-	00°00'00"	00°00'00"
11+75.00	20.00'	18.16'	21.83'	02°23'18"	02°23'18"
11+99.51	24.51'	22.25'	26.75'	02°55'37"	05°18'56"
12+24.51	25.00'	22.70'	27.28'	02°59'07"	08°18'03"

Def/Ft = 7.16526 Min.

CITY OF WICHITA

BEACON HILL

PROJECT NO.
472-76-245-81948-000-000-001

Design: GJA
Drawn by: EAF
Checked by: DSS
Date: AUG. 1989
Job no.

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226
636-5566

Sheet 7 of 23

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WATER VALVE BOXES		
STATION	OFFSET	ELEVATION
18+44	21.6' RT.	183.3
18+47	23' RT.	183.3

= 90°31'59" R = 99.07' T = 100.00' L = 156.54' LC = 140.76'

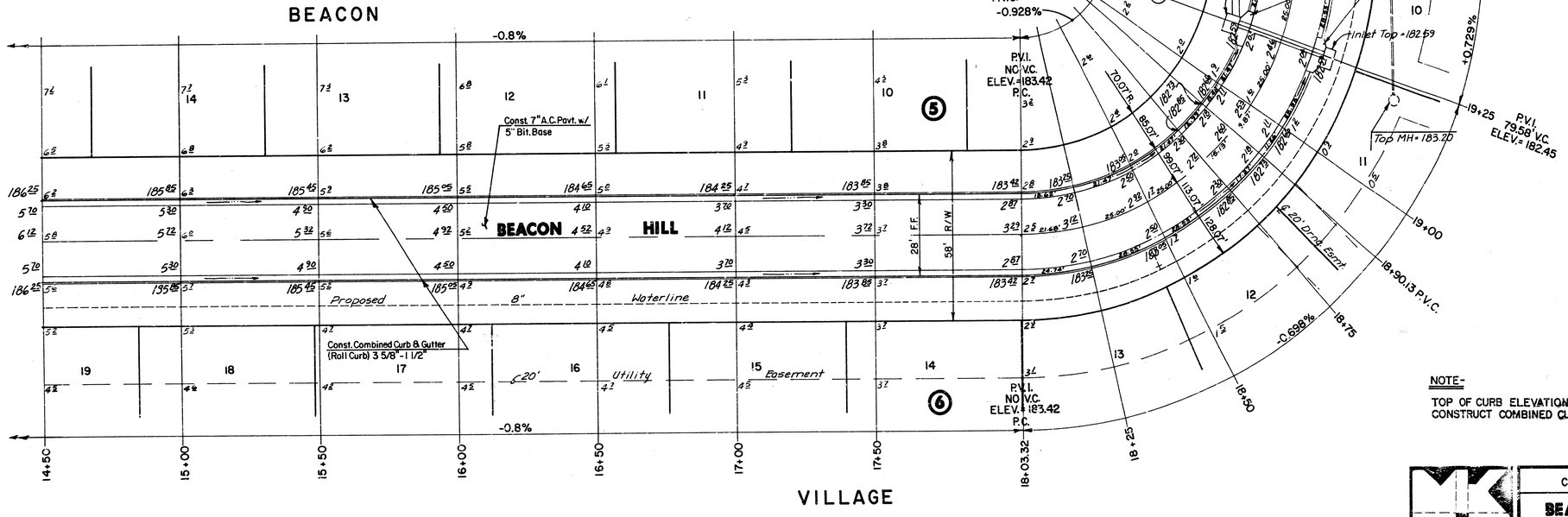
CURVE DATA BASED ON CENTERLINE /2 = 45°16'00"

STATION	APC	CHORD LENGTH 8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
13+03.32	-	-	-	00°00'00"	00°00'00"
18+25.00	21.68'	16.83'	26.44'	16°16'09"	06°16'09"
18+50.00	25.00'	19.40'	30.47'	07°13'45"	13°29'54"
18+75.00	25.00'	19.40'	30.47'	07°13'45"	20°43'39"
19+00.13	15.13'	11.75'	18.47'	04°22'46"	25°06'25"
19+00.00	9.87'	7.66'	12.06'	02°51'15"	27°57'24"
19+25.00	25.00'	19.40'	30.47'	07°13'45"	35°11'10"
19+50.00	25.00'	19.40'	30.47'	07°13'45"	42°24'55"
19+59.86	9.86'	7.67'	12.05'	02°51'00"	45°16'00"

Def/Ft =17.35009 Min.

N

SCALE: 1"=20'



NOTE-

TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB, CONSTRUCT COMBINED CURB & GUTTER (ROLL TYPE).

CITY OF WICHITA

BEACON HILL & MAINSGATE

PROJECT NO.
472-76-245-81948-000-000-001

Design	GJA
Drawn by	EAF
Checked by	DSS
Date	AUG. 1989
Job no.	

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226
636-5566

Sheet 8 of 23

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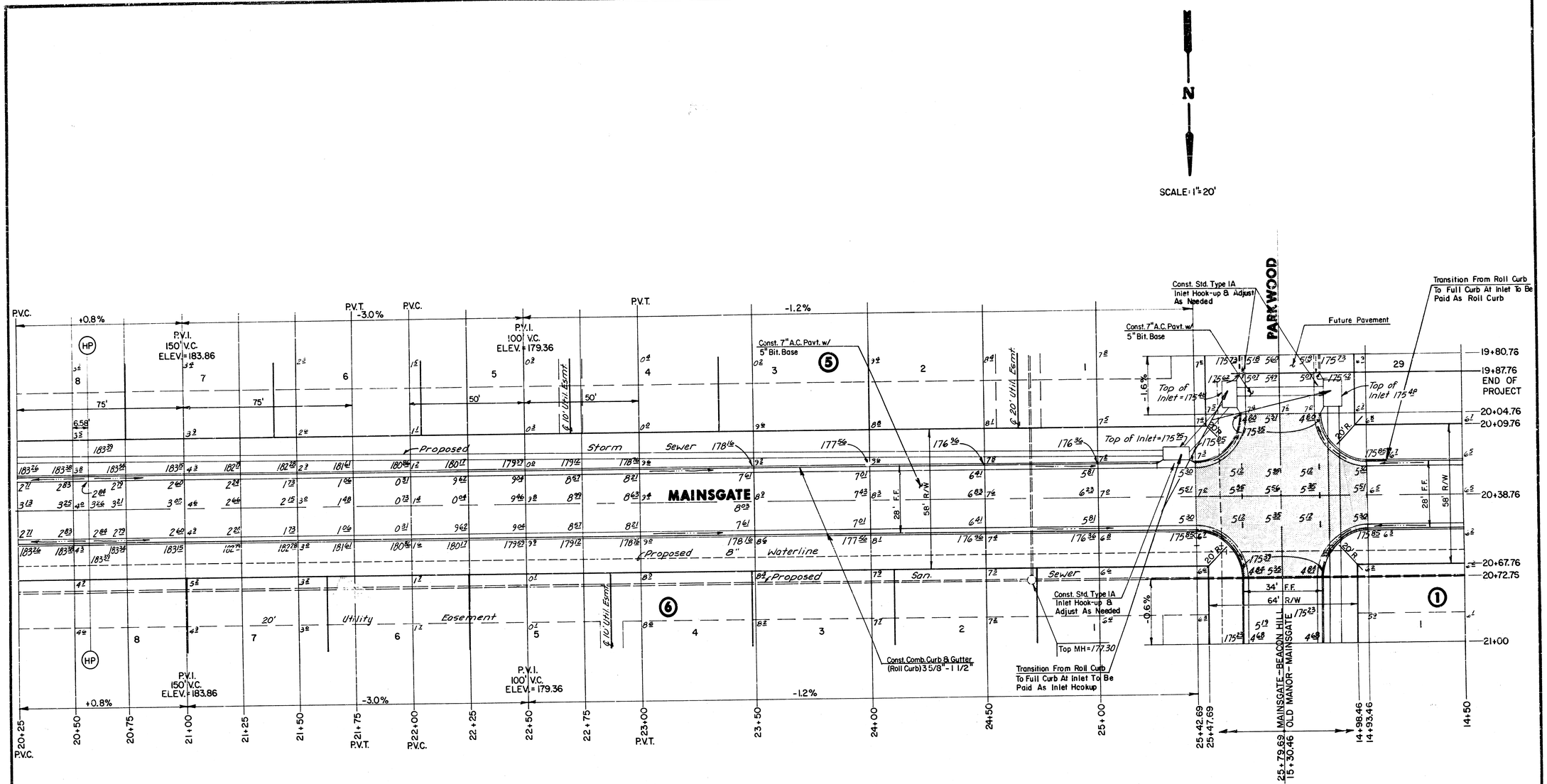

BEACON VILLAGE

NOTE-
TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB, CONSTRUCT COMBINED CURB & GUTTER (ROLL TYPE).

WATER VALVE BOXES		
STATION	OFFSET	ELEVATION
25+43	21.6' RT.	176.0
25+51	23' RT.	175.6
25+54	20' RT.	175.6
25+57	23' RT.	175.6

INTERSECTION QUANTITIES (Parkwood and Mainsgate)	
390.2	S.Y. 7" A.C. Pavmt. w/ 5" Bit. Base
-----	S.Y. Reinf. Conc. Valley Gutter w/ ___ Bit. Base
125.6	L.F. Combined Curb and Gutter - Full (6 5/8")
-----	L.F. Monolithic Edge Curb and Gutter - Roll (3 5/8")
434.4	S.Y. Subgrade Stabilization (Manipulation)
37.3	S.Y. 2 1/2" Bit. Base

CITY OF WICHITA

MAINSGATE

PROJECT NO.
472-76-245-81948-000-000-001

Design GJA
Drawn by EAF
Checked by DSS
Date AUG. 1989
Job no.

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226
636-5566

Sheet 9 of 23

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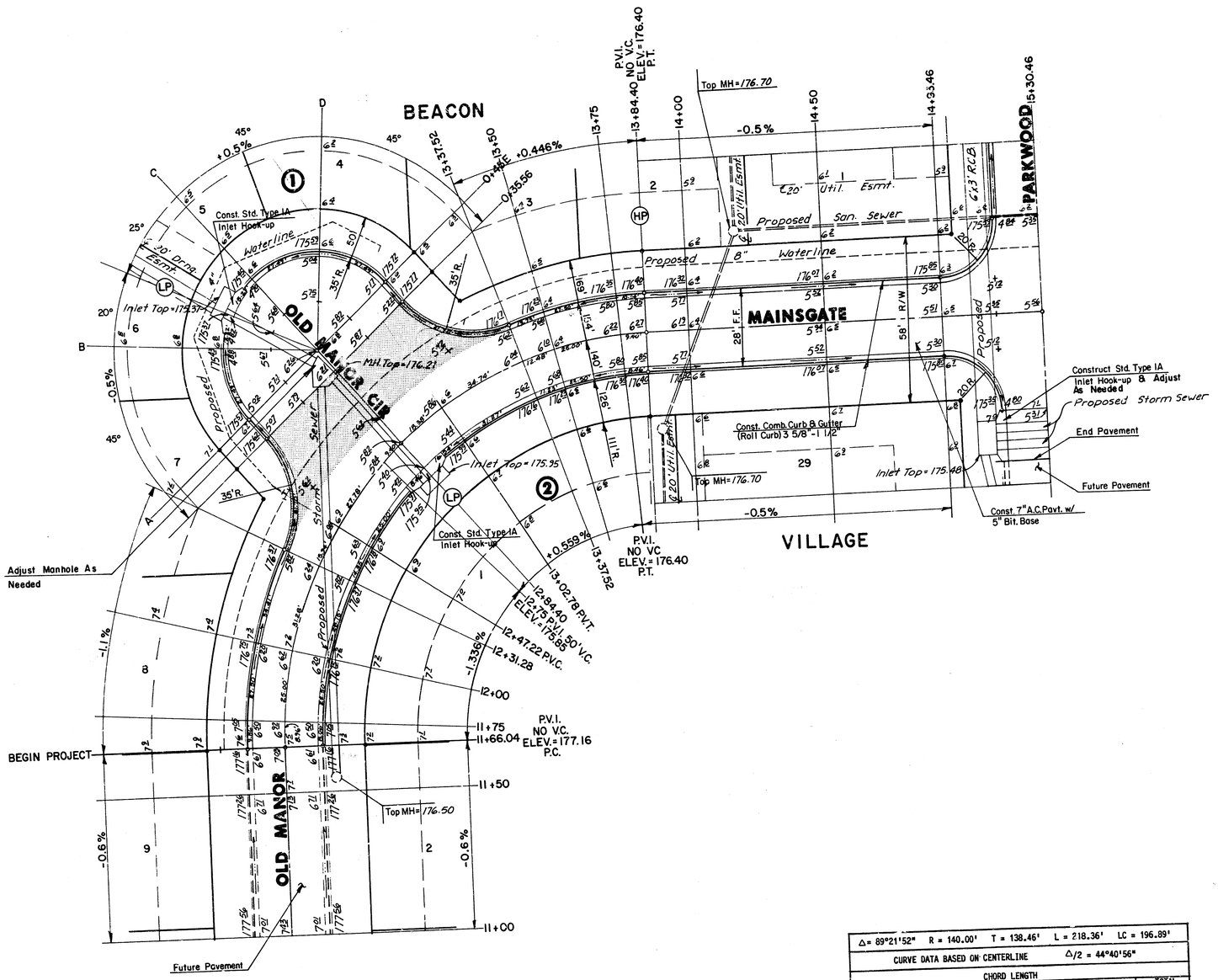

WATER VALVE BOXES		
STATION	OFFSET	ELEVATION
12+45	23' LT.	176.0
12+47	26' LT.	176.0

INTERSECTION QUANTITIES (Old Manor - bulb)	
210.0	S.Y. 7" A.C. Pavmt. w/ 5" Bit. Base
-----	S.Y. Reinf. Conc. Valley Gutter w/ ___ Bit. Base
83.4	L.F. Combined Curb and Gutter - Roll (3 5/8")
-----	L.F. Monolithic Edge Curb and Gutter - Roll (3 5/8")
239.4	S.Y. Subgrade Stabilization (Manipulation)
24.7	S.Y. 2 1/2" Bit. Base

$\Delta = 89°21'52"$ R = 140.00' T = 138.46' L = 218.36' LC = 196.89'

CURVE DATA BASED ON CENTERLINE $\Delta/2 = 44°40'56"$

STATION	ARC	CHORD LENGTH 6'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
11+66.04	-	-	-	00°00'00"	00°00'00"
11+75.00	8.96'	10.37'	7.55'	01°50'00"	01°50'00"
12+00.00	25.00'	28.89'	21.04'	05°06'57"	06°56'57"
12+31.28	31.28'	36.12'	26.31'	06°24'03"	13°21'00"
12+47.22	15.94'	-	13.43'	03°15'42"	16°36'42"
12+75.00	27.78'	-	23.38'	05°41'04"	22°17'46"
12+86.40	9.40'	-	7.92'	01°55'25"	24°13'11"
13+02.78	18.38'	-	15.48'	03°45'40"	27°58'51"
13+37.52	34.74'	-	29.21'	07°06'32"	35°05'22"
13+50.00	12.43'	14.44'	10.52'	02°33'14"	37°38'36"
13+75.00	25.00'	28.89'	21.04'	05°06'57"	42°45'32"
13+84.40	9.40'	10.87'	7.92'	01°55'24"	44°40'56"

Def/Ft =12.27767 Min.

NOTE-

TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB, CONSTRUCT COMBINED CURB & GUTTER (ROLL TYPE).

CITY OF WICHITA

OLD MANOR, MAINSGATE & OLD MANOR CIRCLE

PROJECT NO. 472-76-245-81948-000-000-001

Design GJA
Drawn by EAF
Checked by DSS
Date AUG. 1989
Job no.

Sheet 10 of 23

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226
636-5566

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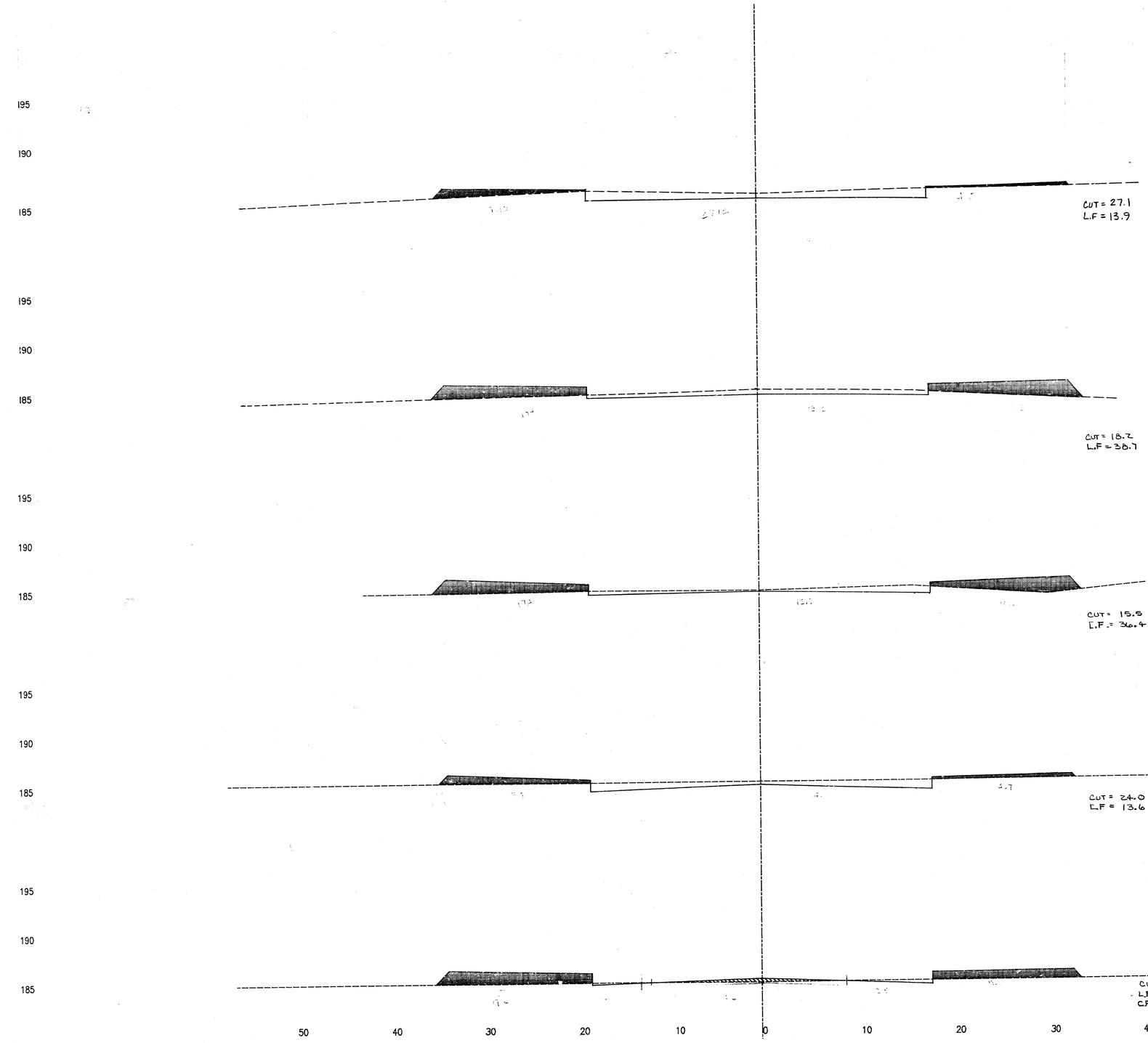
BEACON VILLAGE - PAVING PLANS
CROYDEN STA. 3+61.14 to 4+76.14
PROJ.# 472-76-245-81948-000-000-001



Sta. 4+86.00

CUT = 4.3
L.F. = 1.5
9.86

Sta. 4+76.14

CUT = 16.3
L.F = 36.4
22.14

Sta. 4+50.00

CUT = 36.6
L.F = 46.3
50

Sta. 4+00.00

CUT = 20.7
L.F = 33.2
C.F = 3.1
38.86

Sta. 3+61.14

TOTAL

CUT =	81.8
L.F. =	125.5
C.F. =	3.1

11/23

CROYDEN

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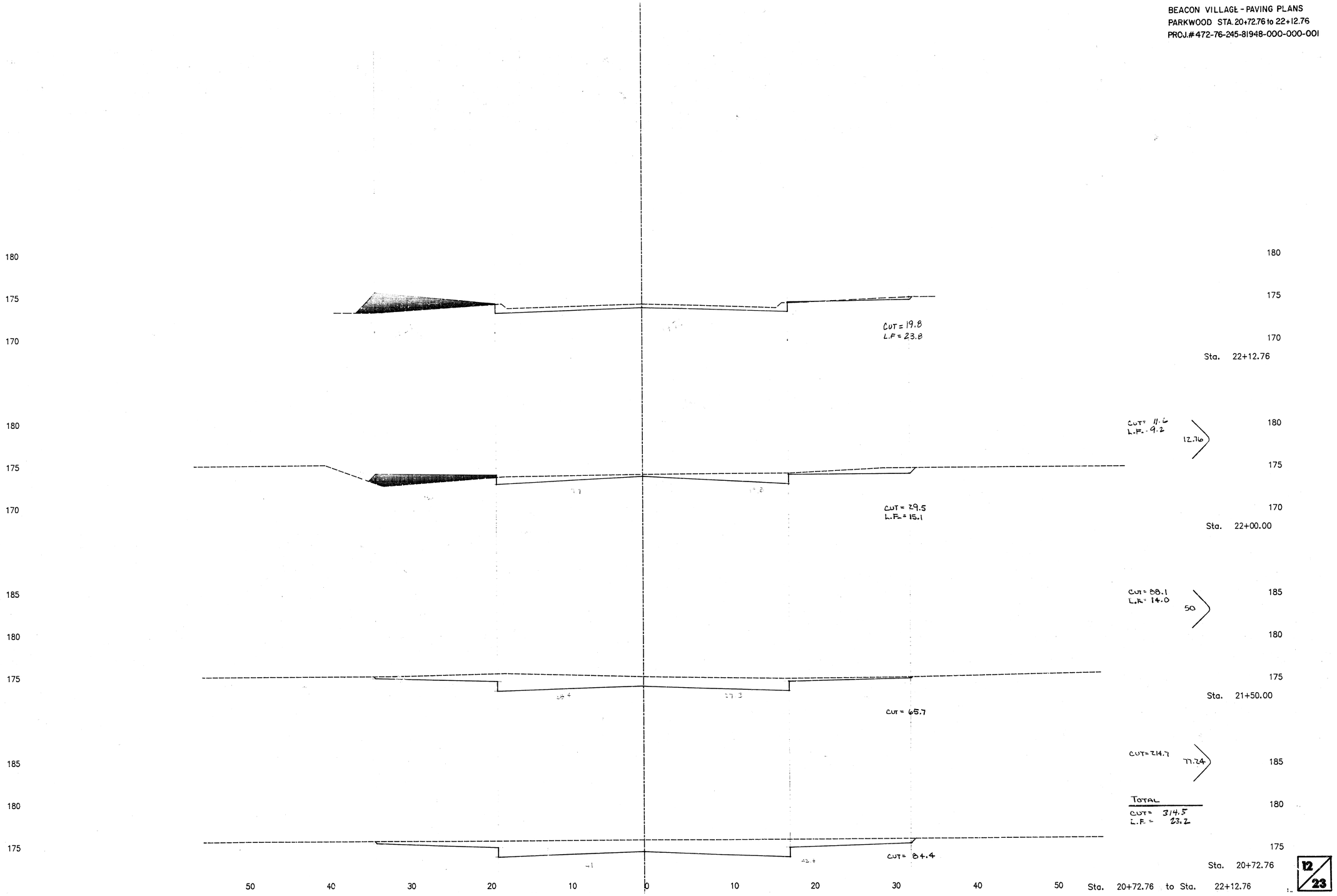
BEACON VILLAGE - PAVING PLANS
PARKWOOD STA. 20+72.76 to 22+12.76
PROJ.# 472-76-245-81948-000-000-001



12/23

PARKWOOD

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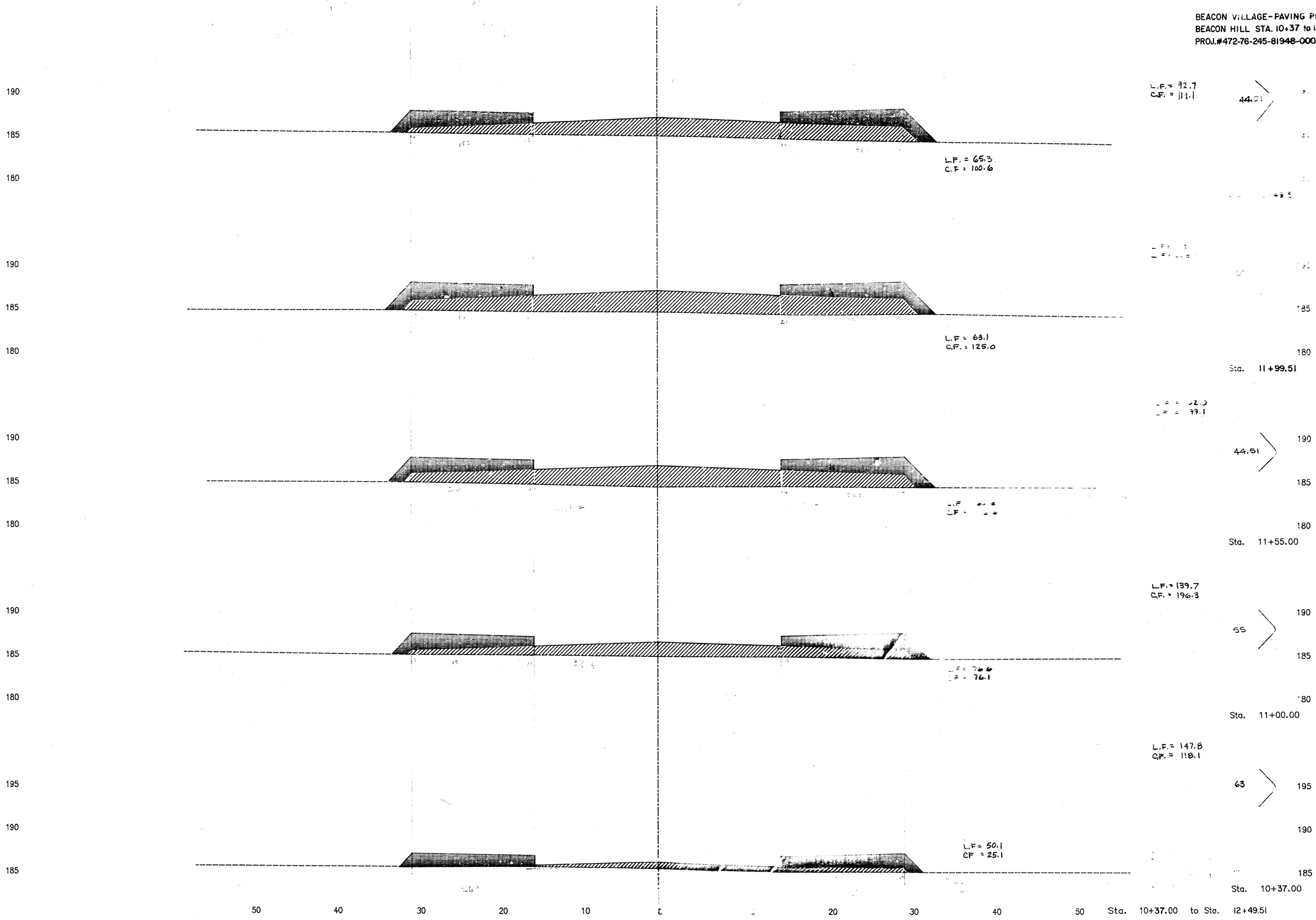
BEACON VILLAGE-PAVING PLANS
BEACON HILL STA. 10+37 to 12+49.51
PROJ.#472-76-245-81948-000-000-00



13/23

BEACON HILL

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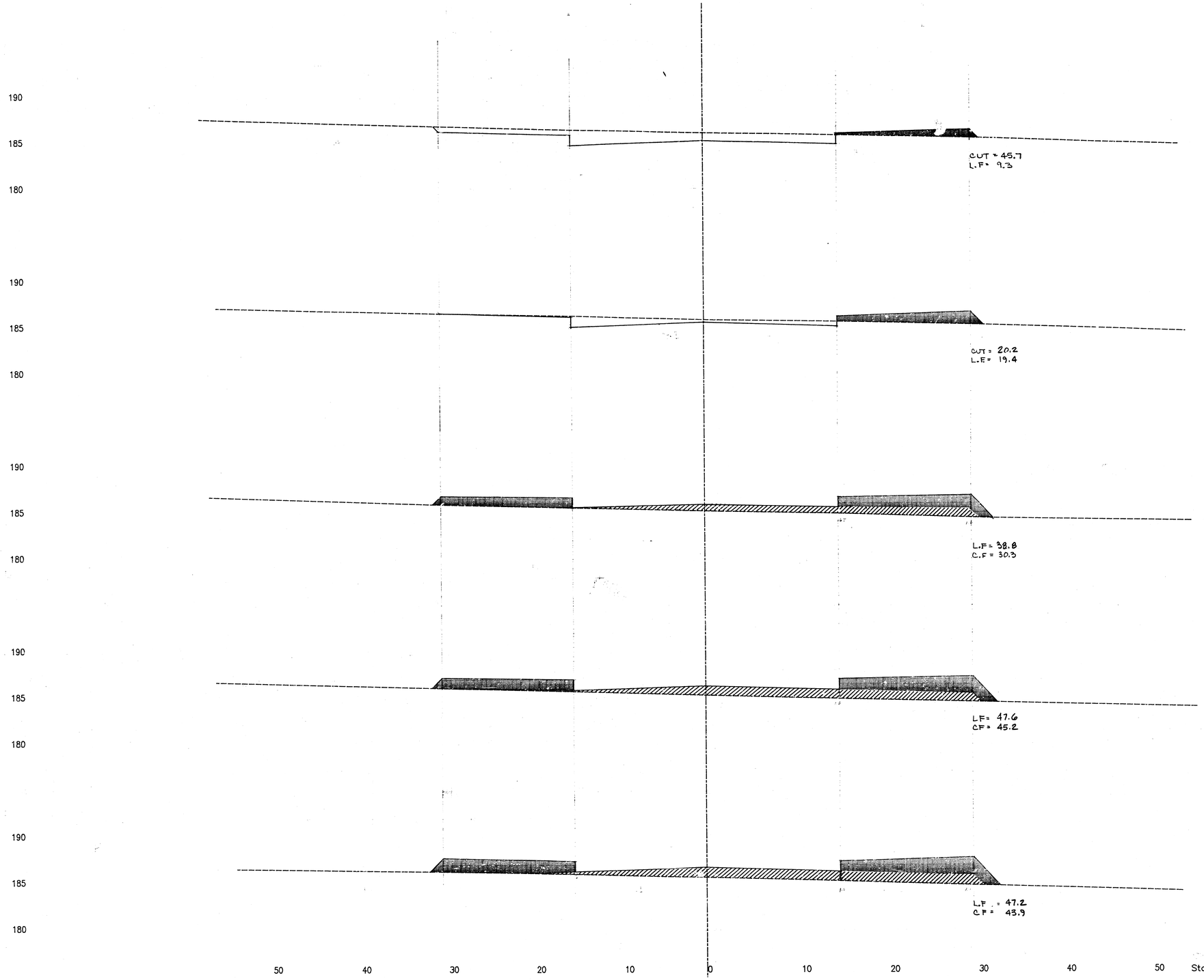
BEACON VILLAGE-PAVING PLANS
BEACON HILL STA. 12+94.02 to 15+00
PROJ.#472-76-245-81948-000-000-001



CUT = 79.6
L.F = 20.1
50
190
185
180
Sta. 15+00.00

CUT = 61.0
L.F = 26.6
50
190
185
180
Sta. 14+50.00

L.F = 53.9
C.F = 28.1
CUT = 19.7
50
190
185
180
Sta. 14+00.00

L.F = 80.0
C.F = 69.7
50
190
185
180
Sta. 13+50.00

L.F = 98.3
C.F = 72.4
55.98
190
185
180
Sta. 12+94.02

Sta. 12+94.02 to Sta. 15+00.00

14/23

BEACON HILL

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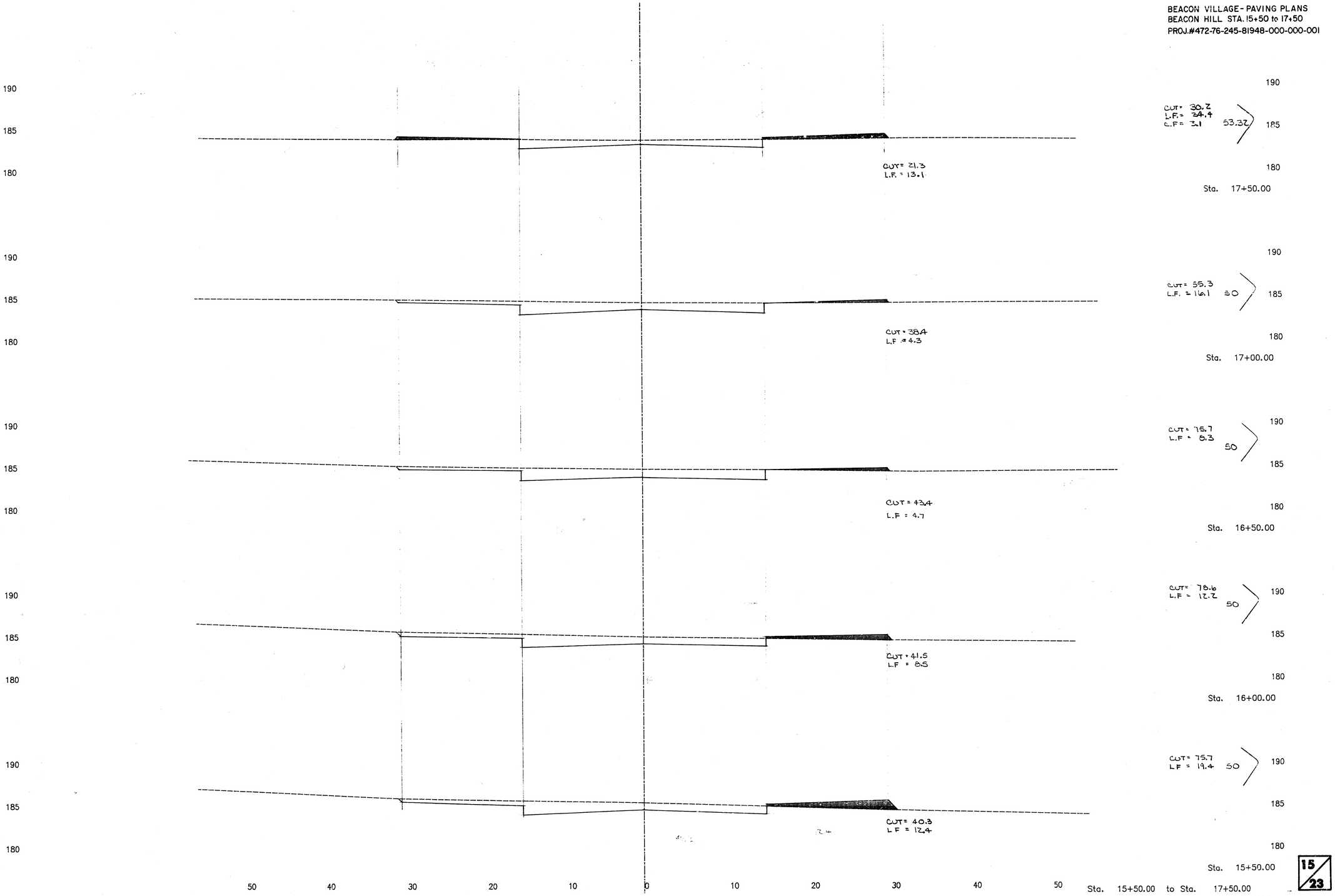
BEACON VILLAGE- PAVING PLANS
BEACON HILL STA. 15+50 to 17+50
PROJ.#472-76-245-81948-000-000-001



15/23

BEACON HILL

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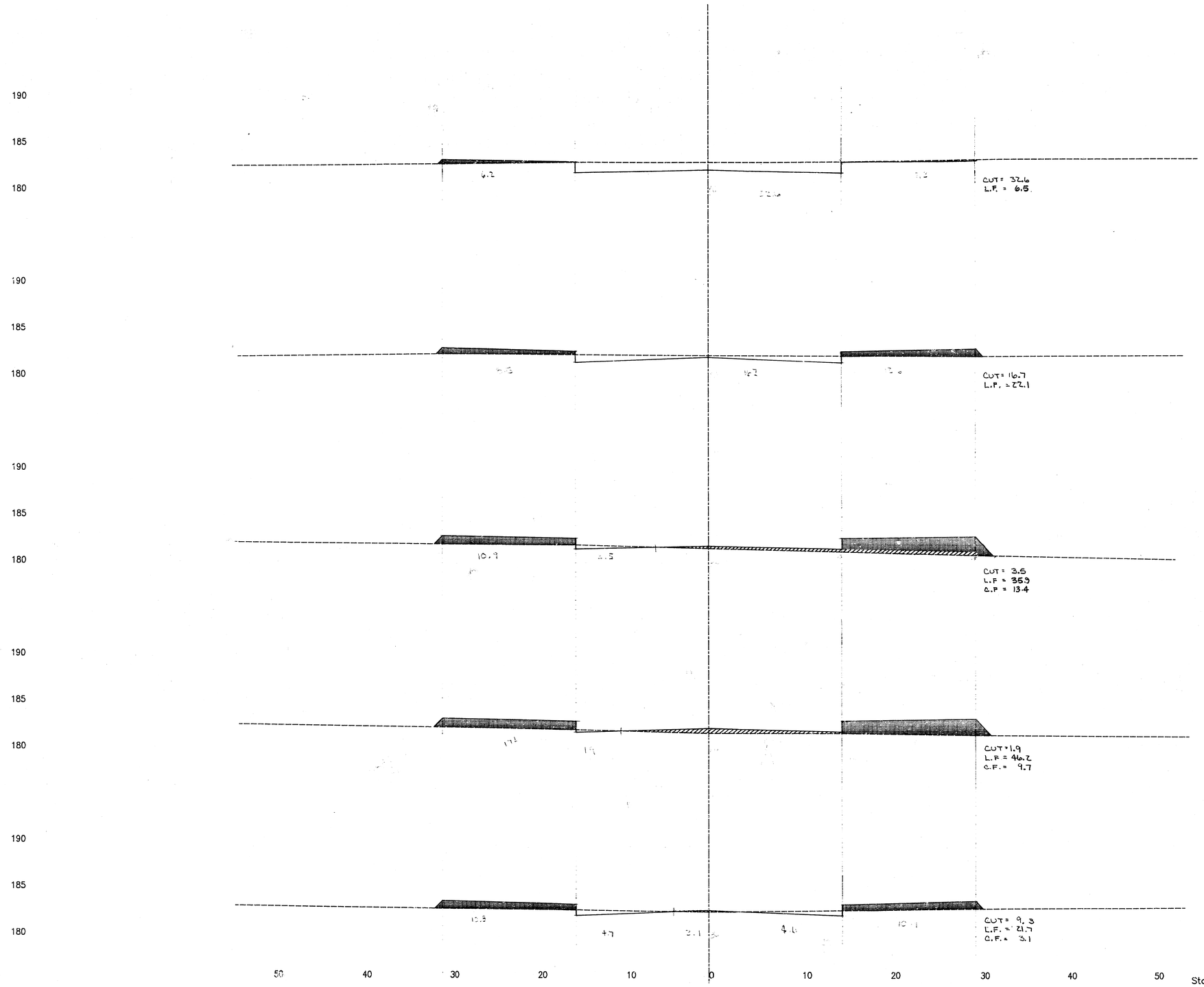
BEACON VILLAGE - PAVING PLANS
BEACON HILL STA. 18+03.32 to 20+00
PROJ.#472-76-245-81948-000-000-001



Sta. 18+03.32 to Sta. 20+00.00

BEACON HILL

16/23

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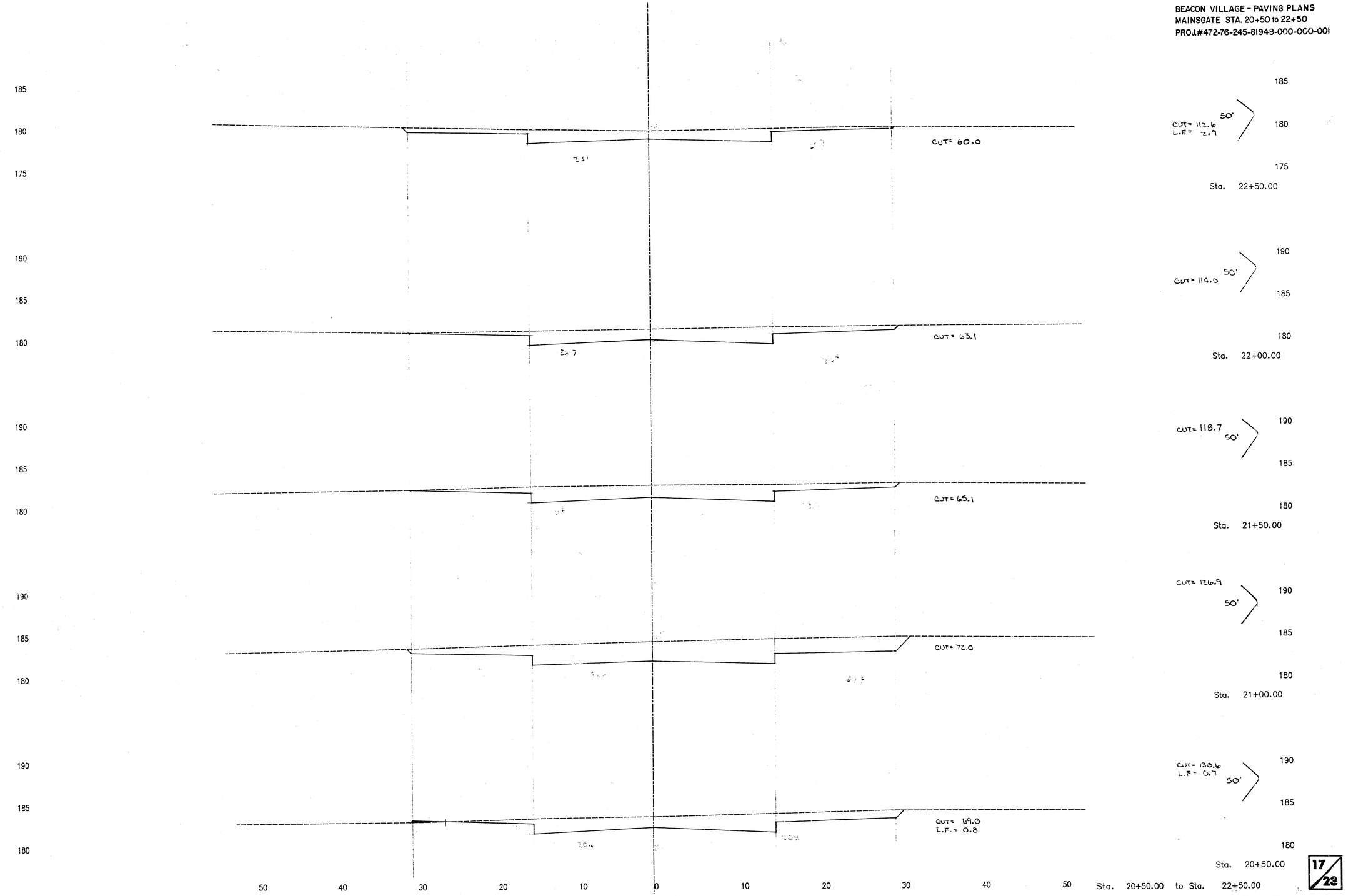
BEACON VILLAGE - PAVING PLANS
MAINSGATE STA. 20+50 to 22+50
PROJ.#472-76-245-81943-000-000-001



MAINSGATE

17/23

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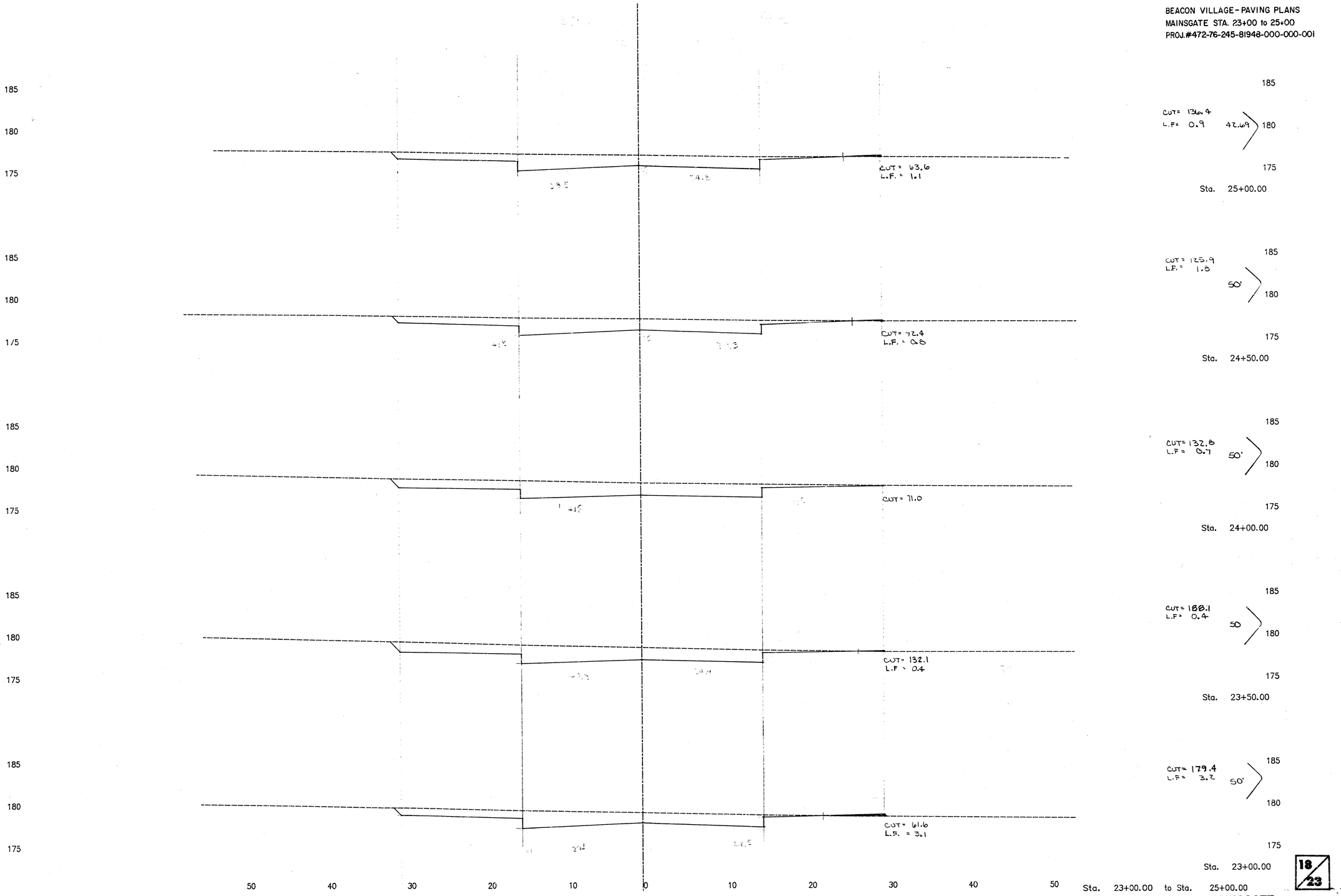
BEACON VILLAGE - PAVING PLANS
MAINSGATE STA. 23+00 to 25+00
PROJ.#472-76-245-81948-000-000-001



Sta. 23+00.00 to Sta. 25+00.00
MAINSGATE

18/23

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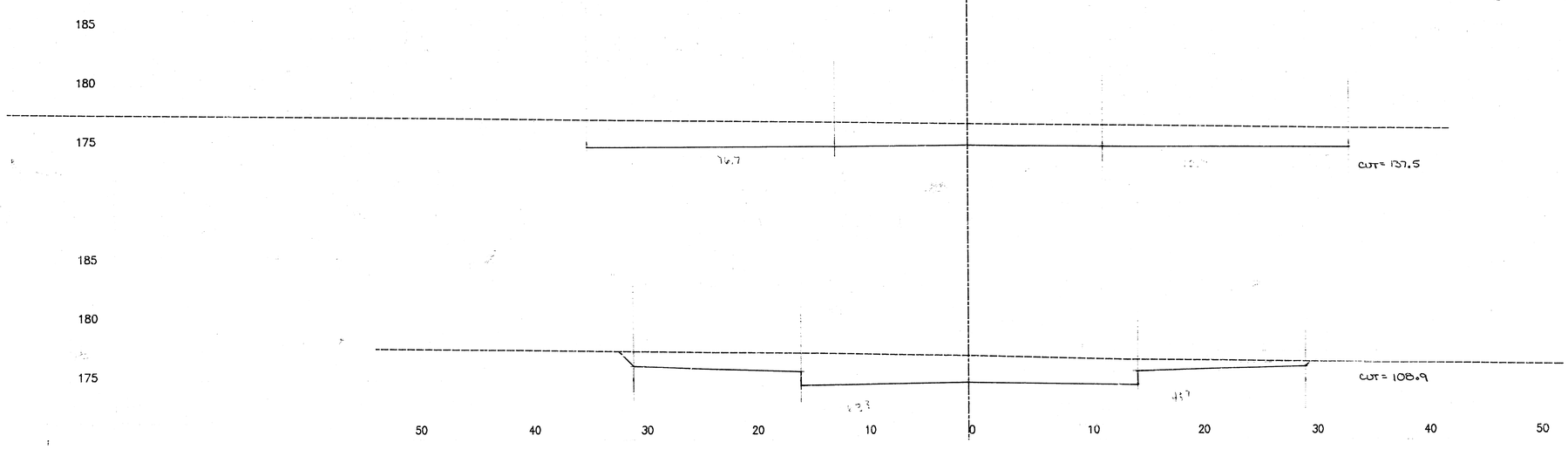
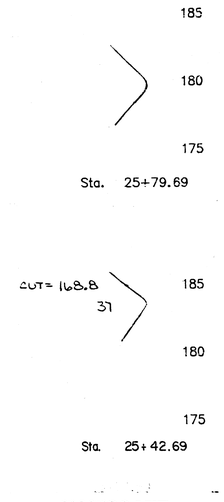
BEACON VILLAGE - PAVING PLANS
MAINSGATE STA. 25+42.69 to 25+79.69
PROJ.#472-76-245-81948-000-000-001

TOTAL

L.F. = 1208 c/
C.F. = 1082.2 c/
CUT = 2176.8 c/





23

MAINSGATE

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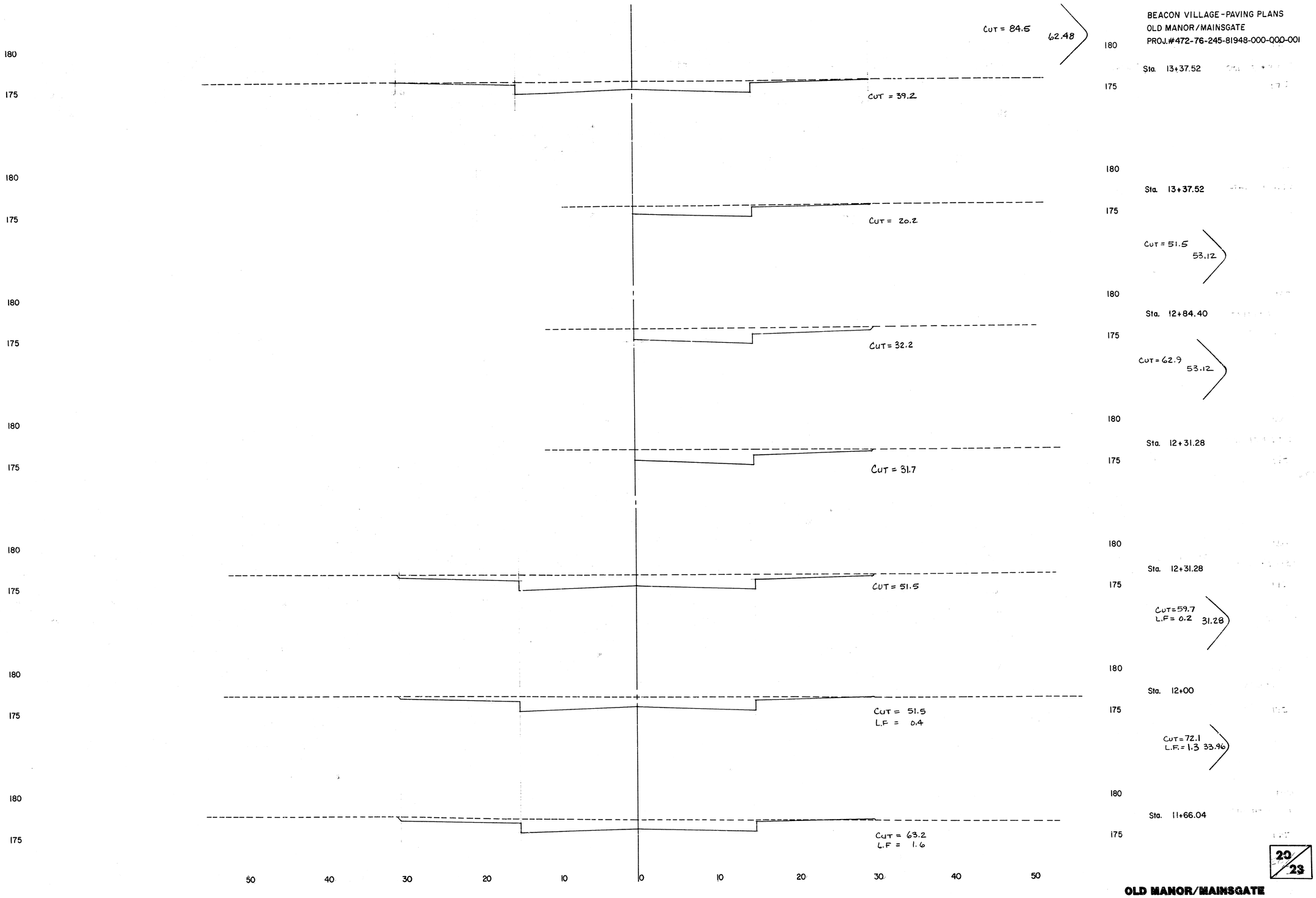
BEACON VILLAGE - PAVING PLANS
OLD MANOR/MAINSGATE
PROJ.#472-76-245-81948-000-000-001



OLD MANOR/MAINSGATE

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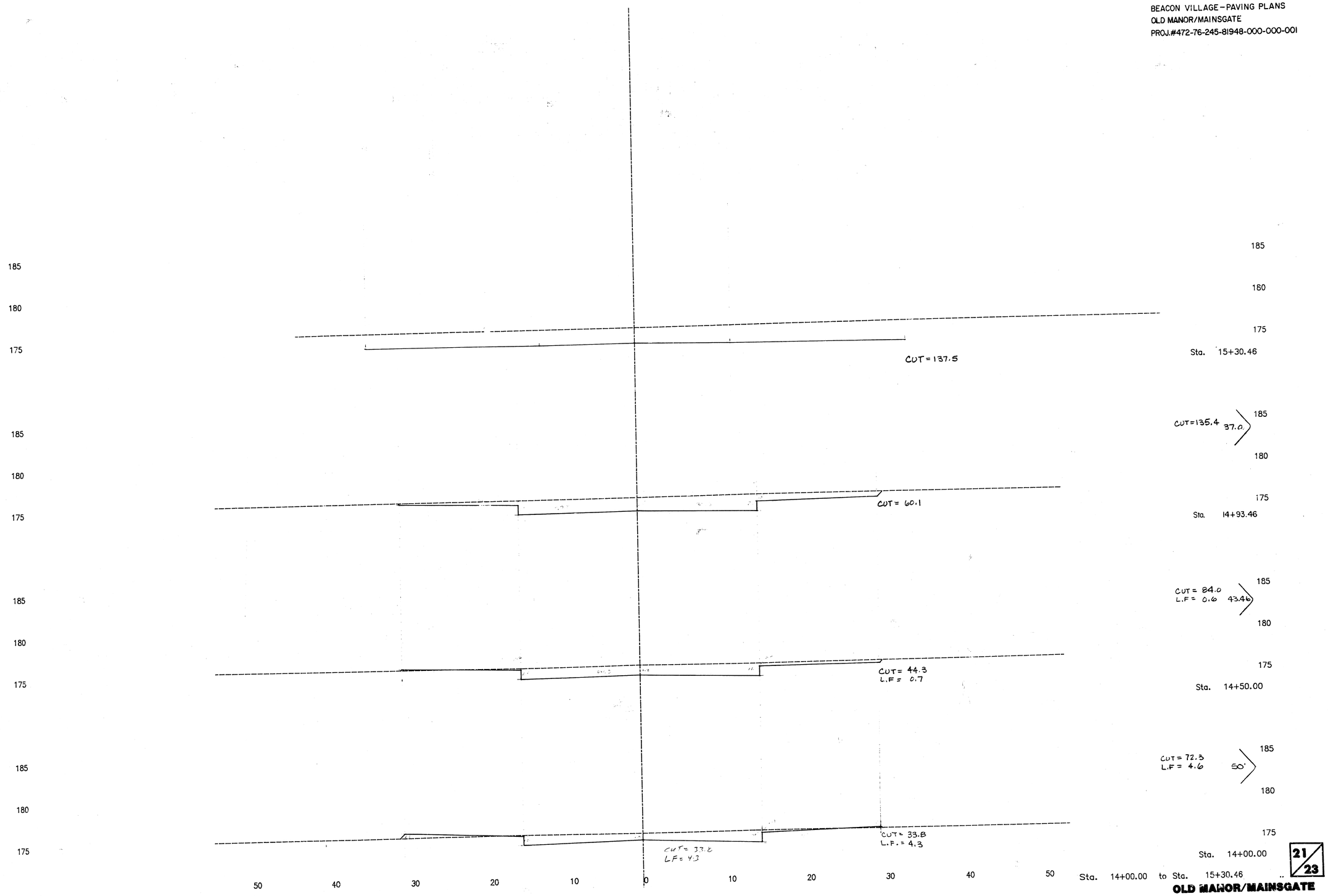
BEACON VILLAGE - PAVING PLANS
OLD MANOR/MAINSGATE
PROJ.#472-76-245-81948-000-000-001



Sta. 14+00.00 to Sta. 15+30.46

21/23

OLD MANOR/MAINSGATE

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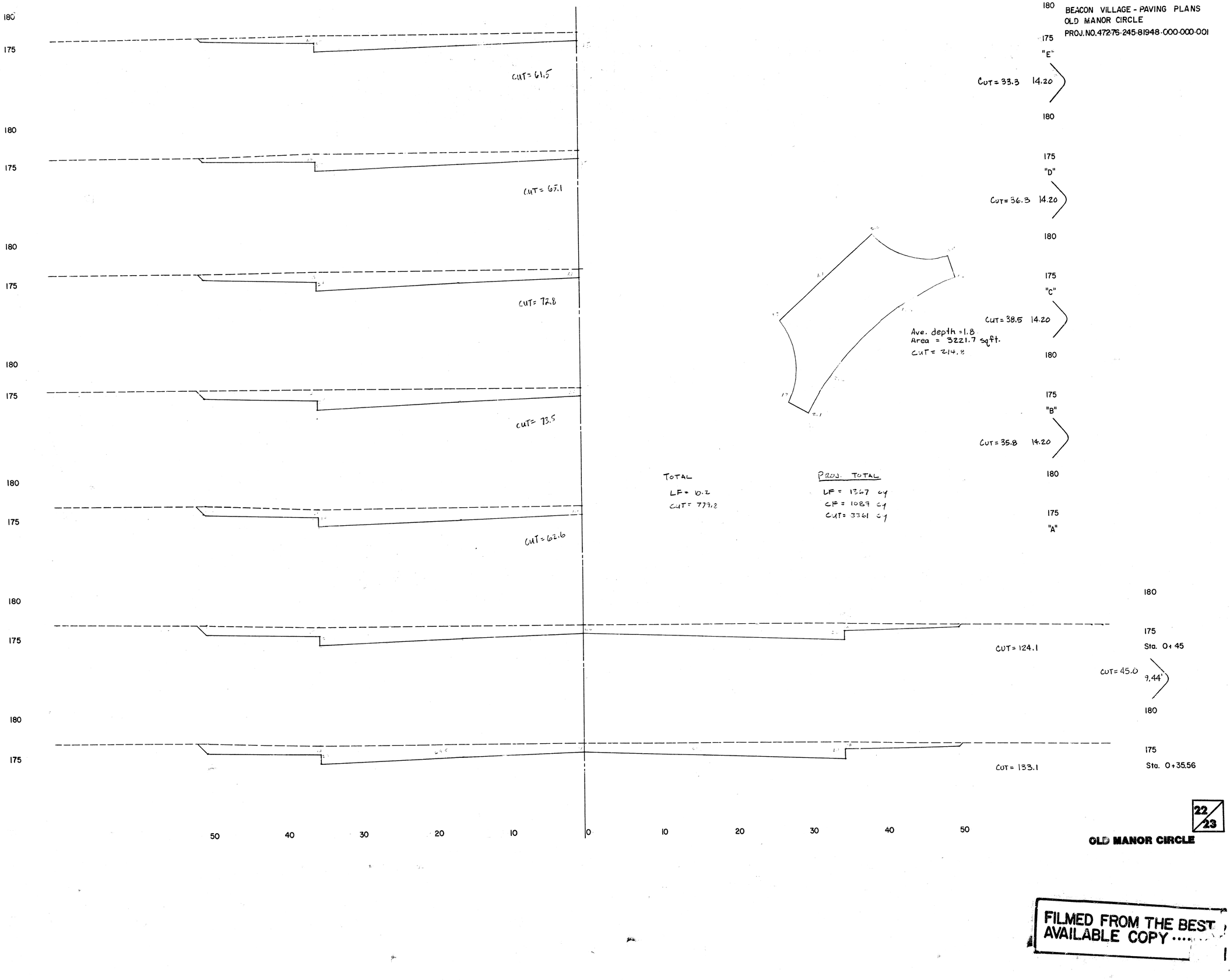
BEACON VILLAGE - PAVING PLANS
OLD MANOR CIRCLE
PROJ. NO. 472-76-245-81948-000-000-001



Ave. depth = 1.8
Area = 3221.7 sq ft.
CUT = 214.8

TOTAL
LF = 10.2
CUT = 779.8

PROJ. TOTAL
LF = 1367 cy
CF = 1089 cy
CUT = 3361 cy

22/23

OLD MANOR CIRCLE

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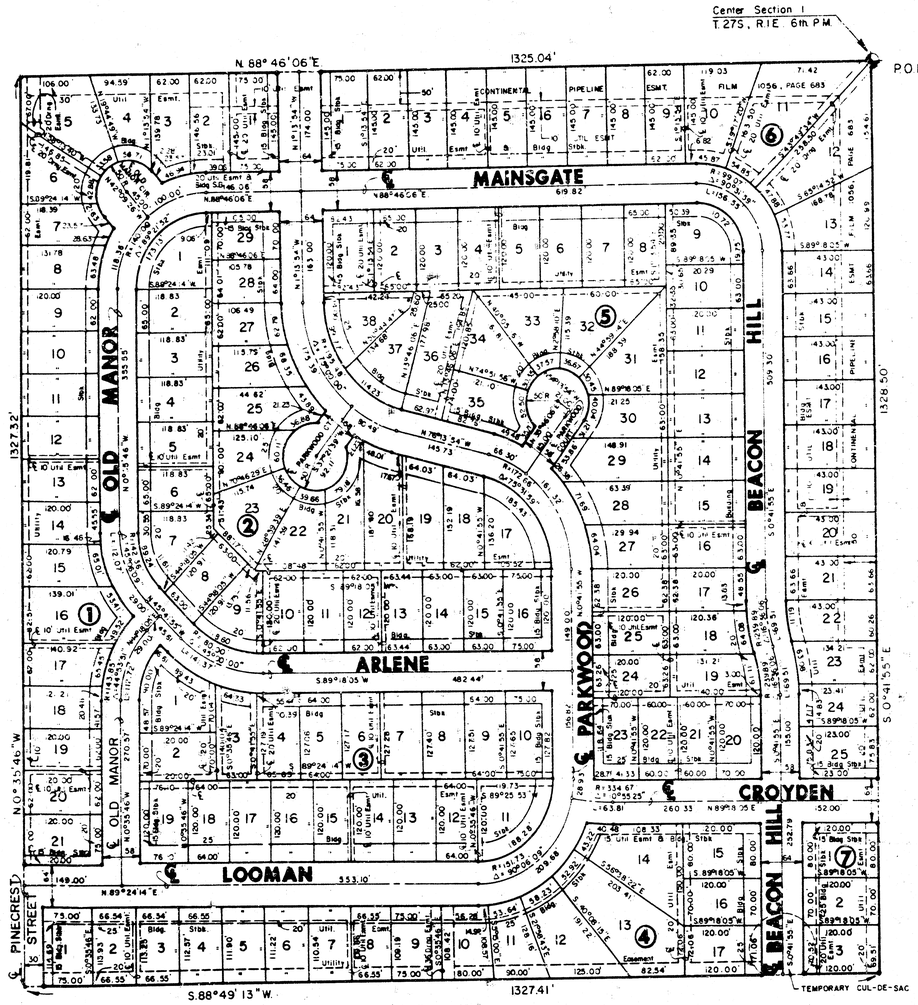
FINAL PLAT OF

BEACON VILLAGE

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



I, Kenneth H. Bengtson, a Civil Engineer and Registered Land Surveyor in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "BEACON VILLAGE" an addition to Wichita, Sedgwick County, Kansas, into lots, blocks and streets, the same being accurately set forth in the accompanying plat and described herein:

The East half of the North half of the Southwest Quarter of Section 1, Township 27 South, Range 1 East of the 6th P.M., Sedgwick County, Kansas, more particularly described as follows:

Beginning at the Northeast corner of said Southwest Quarter; thence S 00° 41' 55" E, 1328.50 feet along the East line of said Southwest Quarter, said line being the west line of Woodlawn Place 5th Addition, an addition to Wichita, Sedgwick County, Kansas; thence S 89° 39' 13" W, 1327.41 feet along the North line of Arlene 3rd Addition, an addition to Wichita, Sedgwick County, Kansas to the Northwest corner of said Arlene 3rd Addition; thence N 00° 35' 46" W, 1327.32 feet along the East line of Pinecrest Street as dedicated in Looman Addition, an addition to Wichita, Sedgwick County, Kansas to the Northeast corner of said Looman Addition; thence N 89° 46' 06" E, 1325.04 feet along the North line of the Southwest Quarter of said Section 1, an addition to Wichita, Sedgwick County, Kansas to the point of beginning.

The platted easement found in Block 11, Lot 4, Looman Addition is vacated by virtue of K.S.A. 12-505 b.

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 23 day of May, 1989.

Kenneth H. Bengtson, P.E. #5216
Mid-Kansas Engineering Consultants, P.A.
3500 N. Rock Road, Building #300
Wichita, Kansas 67226

Know all men by these presents that we the undersigned property owners of the land as above set forth in the land surveyor's and civil engineers Certificate, have caused the same to be surveyed and platted into lots, blocks and streets, the same to be known as "BEACON VILLAGE" an addition to Wichita, Sedgwick County, Kansas. The streets are hereby dedicated to and for the use of the public. Easements for the construction and maintenance of drainage and public utilities are hereby granted. The temporary cul-de-sac for Beacon Hill is hereby granted, however, at such time as Beacon Hill is extended to the south the cul-de-sac shall be automatically vacated.

LEEWOOD HOMES, INC.

By: Lee H. Lee, President

STATE OF KANSAS)
) ss:
SEDGWICK COUNTY)

Be it remembered that on this 23rd day of May, 1989, before me a Notary Public in and for said State and County, came Lee H. Lee, President of Leewood Homes, Inc., to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.

Jerry Fritz, Notary Public
My Appointment Expires: March 26, 1991

#1019438

JERRY FRITZ
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-26-91

we, Bank IV, Wichita, National Association, mortgagees on the above described property, do hereby consent to the plat of "BEACON VILLAGE".

BANK IV, WICHITA, NATIONAL ASSOCIATION

By: Gary K. Bateman, Senior Vice President

STATE OF KANSAS)
) ss:
SEDGWICK COUNTY)

Be it remembered that on this 23rd day of May, 1989, before me a Notary Public in and for said State and County, came Gary K. Bateman on behalf of Bank IV, Wichita, National Association, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.

Jerry Fritz, Notary Public
My Appointment Expires: March 26, 1991

JERRY FRITZ
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-26-91

This plat of "BEACON VILLAGE" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 24th day of May, 1989.

WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION

Lee E. Crockett, Chairman

Warren Shaw, Secretary

This plat approved and all dedications shown hereon, if any, accepted by the City Commission of the City of Wichita, Kansas, this ____ day of May, 1989.

Bob Knight, Mayor

Joan Wright, City Clerk

Transfer is hereby approved this 21 day of July, 1989.

Joan Wright, County Clerk

STATE OF KANSAS)
) SS:
SEDGWICK COUNTY)

This is to certify that this instrument was filed for record in the Register of Deeds office this 21st day of JULY, 1989.

Pat Kettler, Register of Deeds

Ed Resa, Deputy

23
23

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