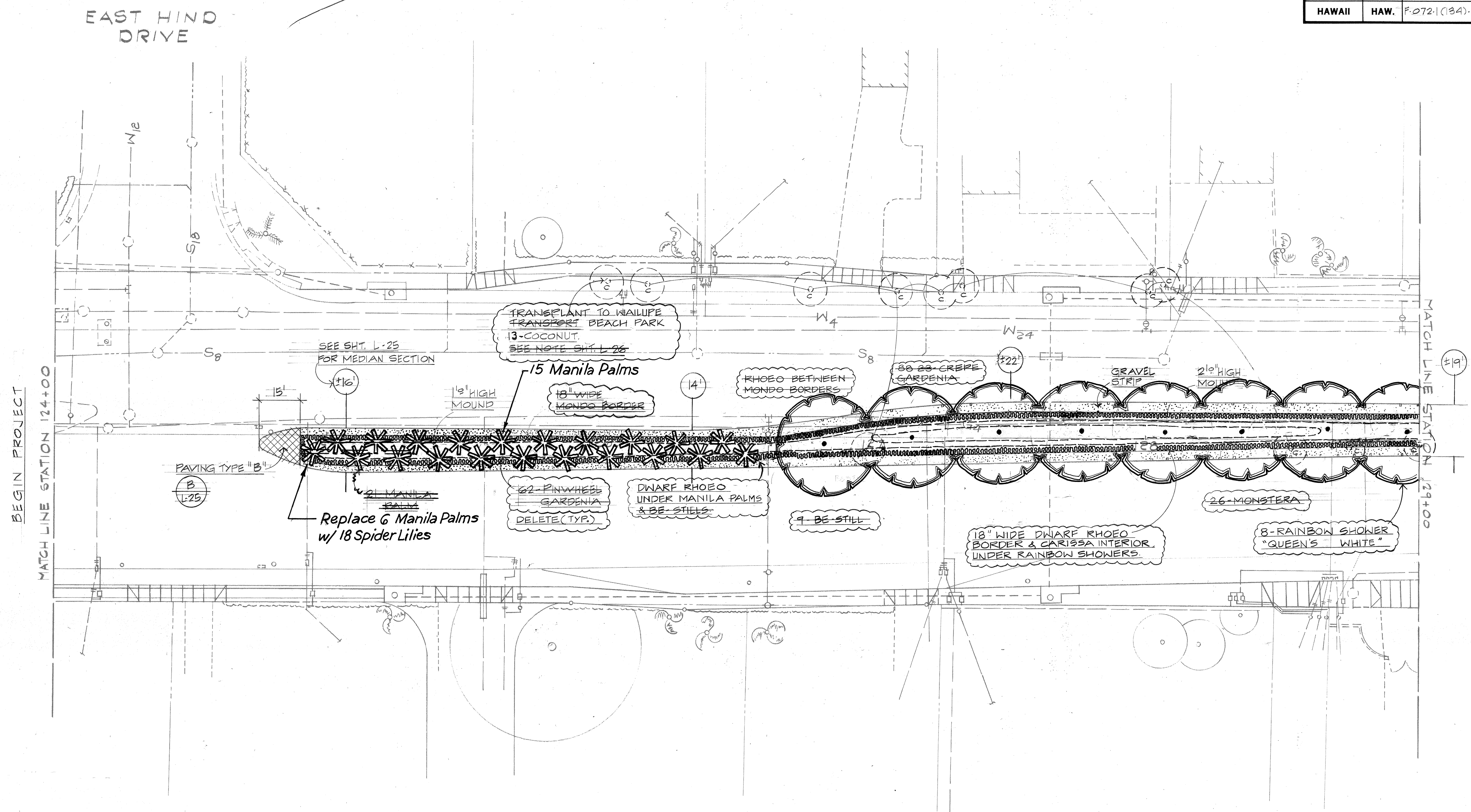


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(134)-B	1991	177	192




PARTIAL PLANTING PLAN
 SCALE: 1" = 20'

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
PLAN	DRAWN BY	
NOTE BOOK	TRACED BY	
No.	QUANTITIES BY	
	CHECKED BY	

△	4/14/91	REVISED PLANTING
SYMBOL	DATE	REVISION



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

 PARTIAL PLANTING PLAN

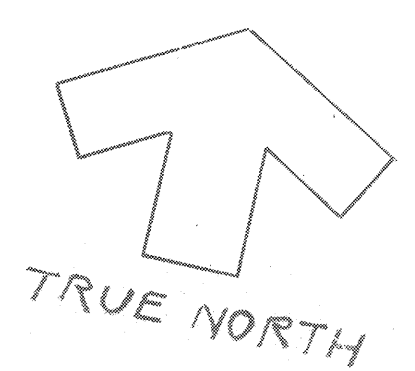
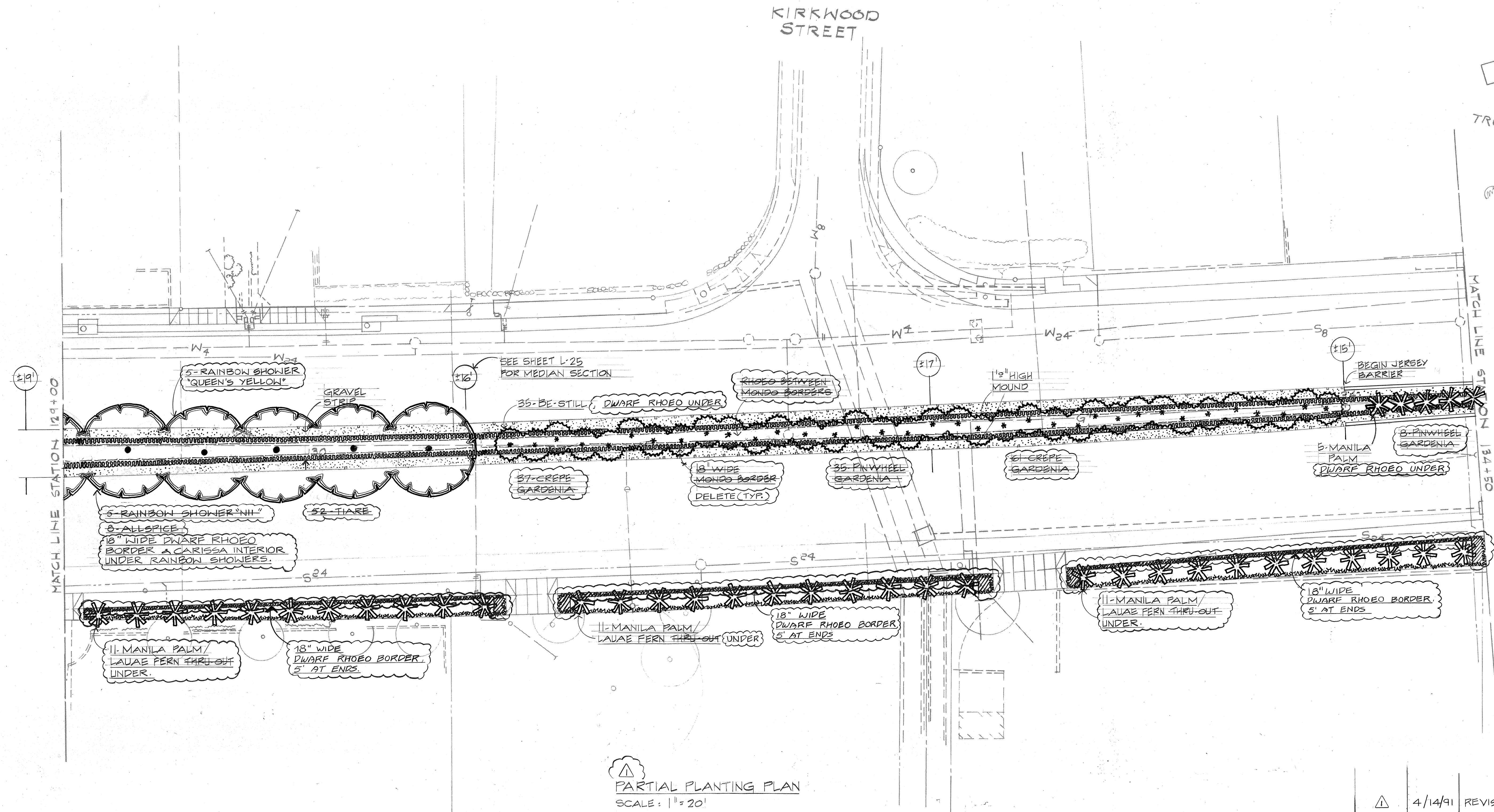
 KALANIANAʻOLE HIGHWAY
 E. HIND DR. TO E. HALEMAUMAU ST.
 F. A. PROJECT NO. F-072-1(134)-B

 SCALE: 1" = 20' DATE:

SHEET NO. 177 OF 30 SHEETS

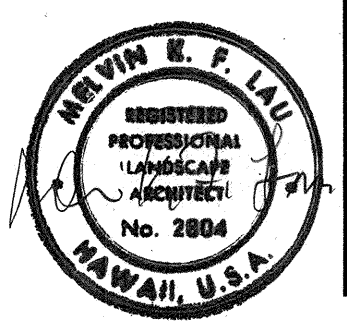
CO. 177

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(134)-B	1991	178	193



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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	QUANTITIES BY	

△	4/14/91	REVISED PLANTING.
SYMBOL	DATE	REVISION



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

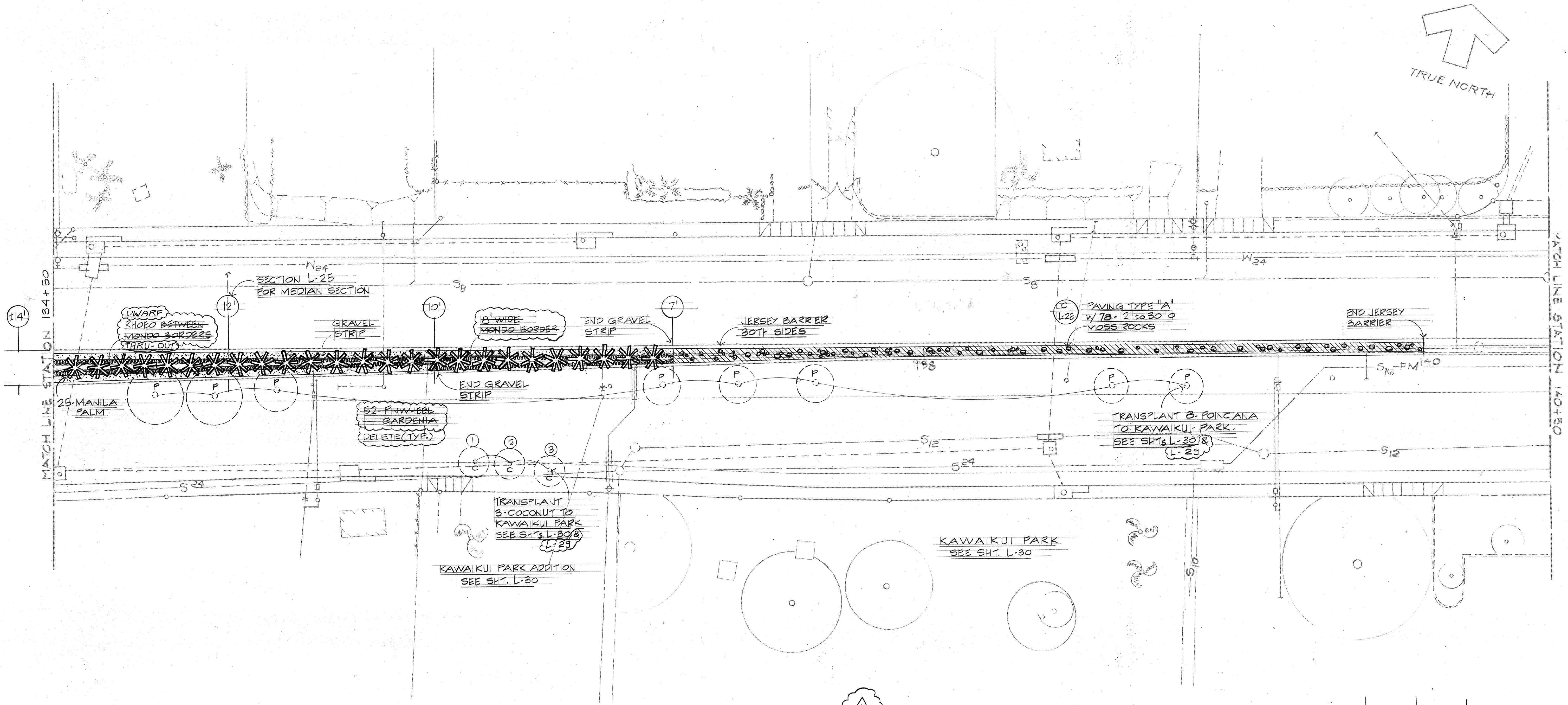
PARTIAL PLANTING PLAN

KALANIANAʻOLE HIGHWAY
E. HIND DR. TO E. HALEMAUMAU ST.
F. A. PROJECT NO. F-072-1(34)-B

SCALE: 1" = 20' DATE:

SHEET NO. 178 OF 30 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(134)-B	1991	179	193



PARTIAL PLANTING PLAN
SCALE: 1" = 20'

SYMBOL	DATE	REVISION
△	4/14/91	REVISED PLANTING.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PARTIAL PLANTING PLAN

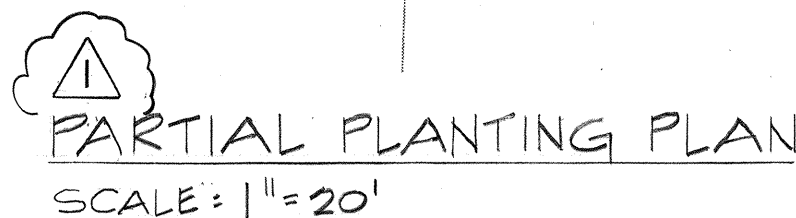
KALANIANA'OLE HIGHWAY
E. HIND DR. TO E. HALEMAUMAU ST.
F. A. PROJECT NO. F-072-1(134)-B

SCALE: 1" = 20' DATE:



SHEET No. 179 OF 30 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	
	NO.	



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PARTIAL PLANTING PLAN

KALANIANA'OLE HIGHWAY
E. HIND DR. TO E. HALEMAUMAU ST.
F. A. PROJECT NO. F-072-1(34)-B

SCALE: 1" = 20'

DATE:

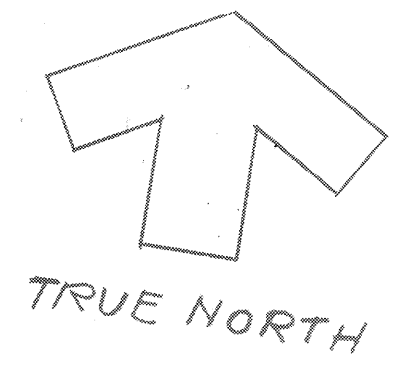
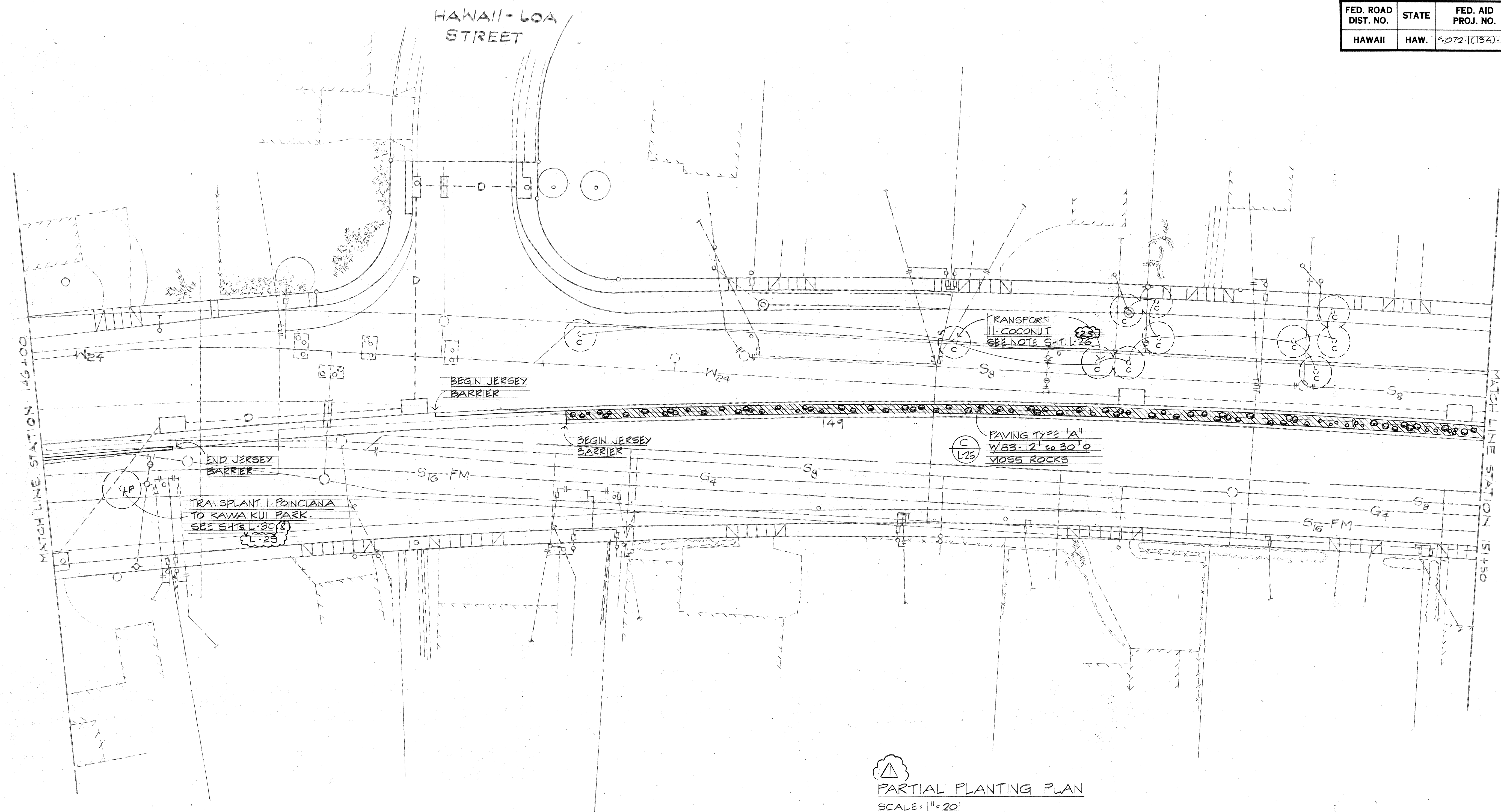
SHEET NO. 17 OF 30 SHEETS

CO. 180

4 190

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY _____	_____
	TRACED BY _____	_____
	DESIGNED BY _____	_____
	QUANTITIES BY _____	_____
No. _____	CHECKED BY _____	_____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(34)-B	1991	181	193



PARTIAL PLANTING PLAN
SCALE: 1" = 20'

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

△	4/14/91	REVISED PLANTING.
SYMBOL	DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PARTIAL PLANTING PLAN

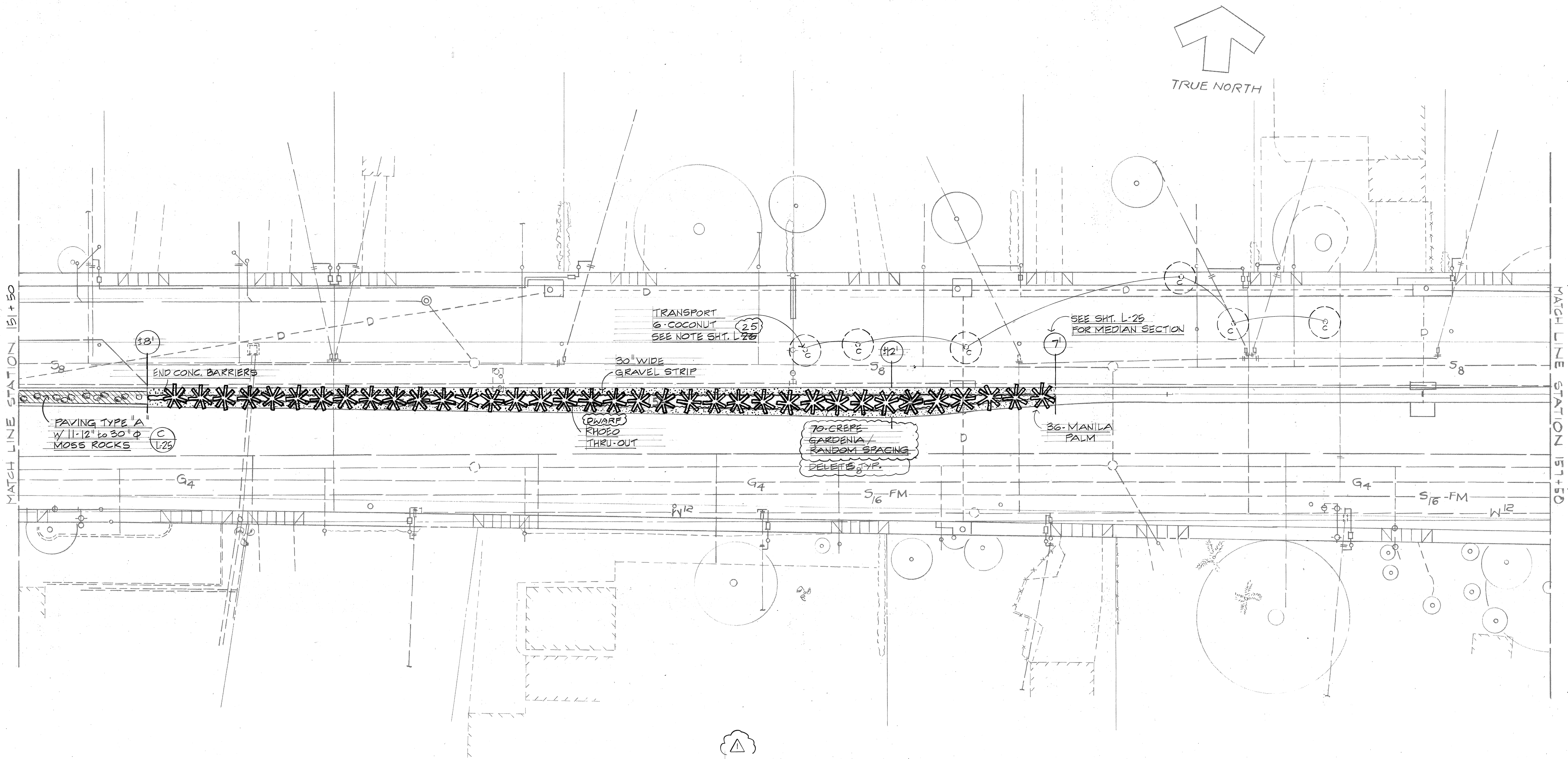
KALANIANAʻOLE HIGHWAY
E. HIND DR. TO E. HALEMAUMAU ST.
F. A. PROJECT NO. F-072-1(34)-B

SCALE: 1" = 20' DATE: _____

SHEET NO. 18 OF 30 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(134)-B	1991	182	193



PARTIAL PLANTING PLAN
SCALE: 1" = 20'

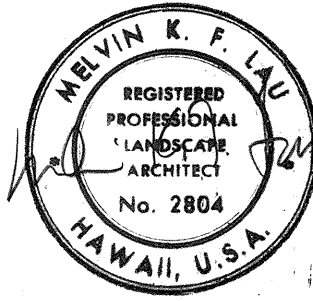
△	4/14/91	REVISED PLANTING
SYMBOL	DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PARTIAL PLANTING PLAN

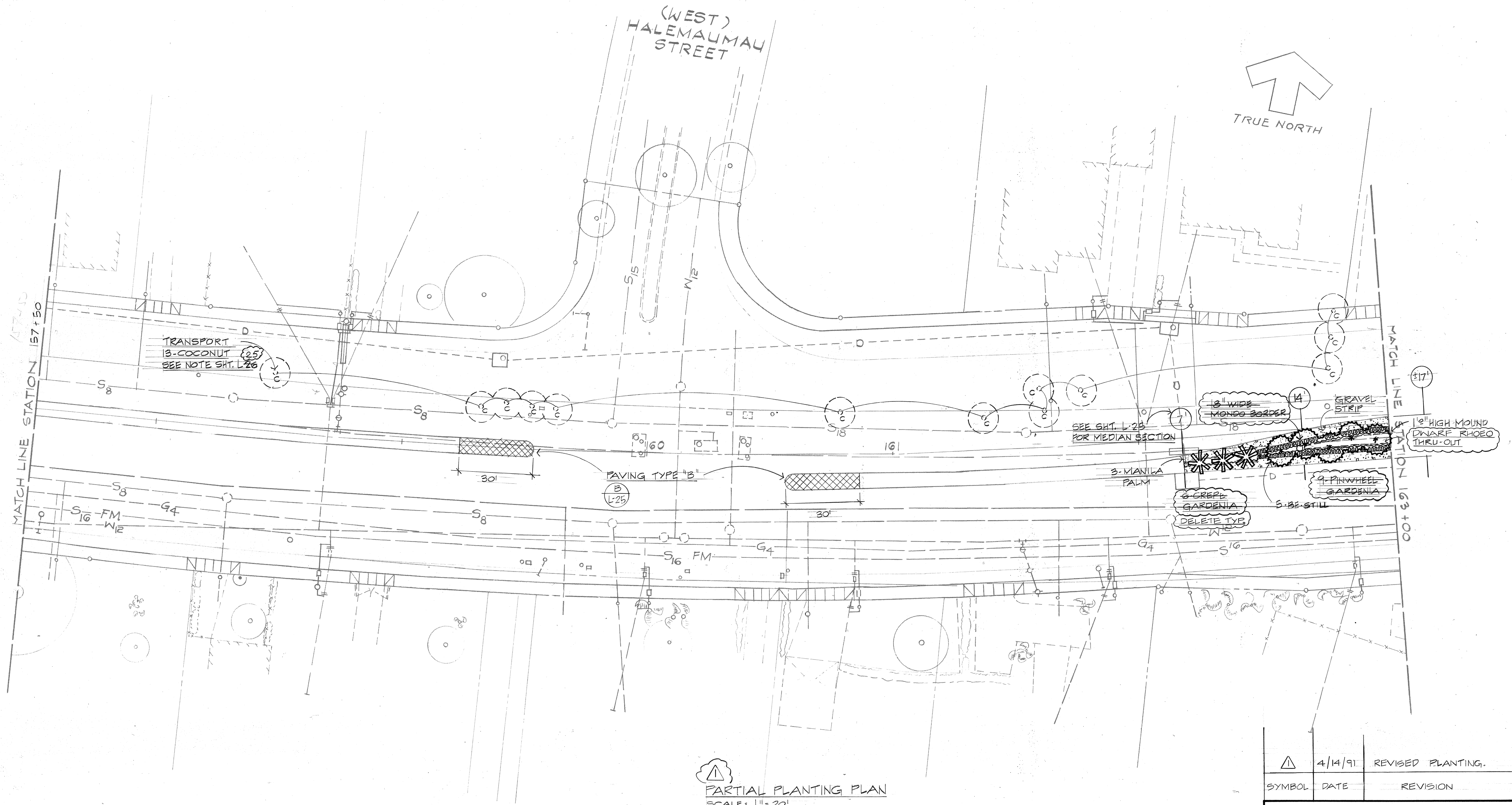
KALANIANA'OLE HIGHWAY
E. HIND DR. TO E. HALEMAUMAU ST.
F. A. PROJECT NO. F-072-1(34)-B

SCALE: 1" = 20' DATE:
SHEET NO. 182 OF 30 SHEETS



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	CHECKED BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(134)-B	1991	183	193



PARTIAL PLANTING PLAN
SCALE: 1" = 20'

△	4/14/91	REVISED PLANTING.
SYMBOL	DATE	REVISION



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PARTIAL PLANTING PLAN

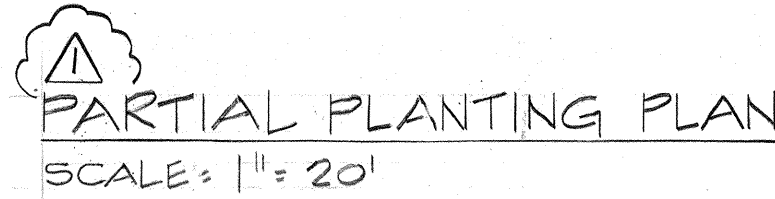
KALANIANA'OLE HIGHWAY
E. HIND DR. TO E. HALEMAUMAU ST.
F. A. PROJECT NO. F-072-1(134)-B

SCALE: 1"=20' DATE: _____

SHEET No. 183 OF 30 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	CHECKED BY	
	QUANTITIES BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(134)-B	1991	184	193



①	4/14/91	REVISED PLANTING.
SYMBOL	DATE	REVISION

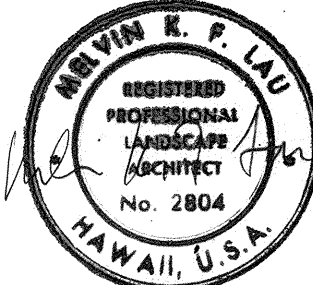
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PARTIAL PLANTING PLAN

KALANIANA'OLE HIGHWAY
E. HIND DR. TO E. HALEMAUMAU ST
F. A. PROJECT NO. F-072-1(34) - B

SCALE: 1" = 20' DATE: _____

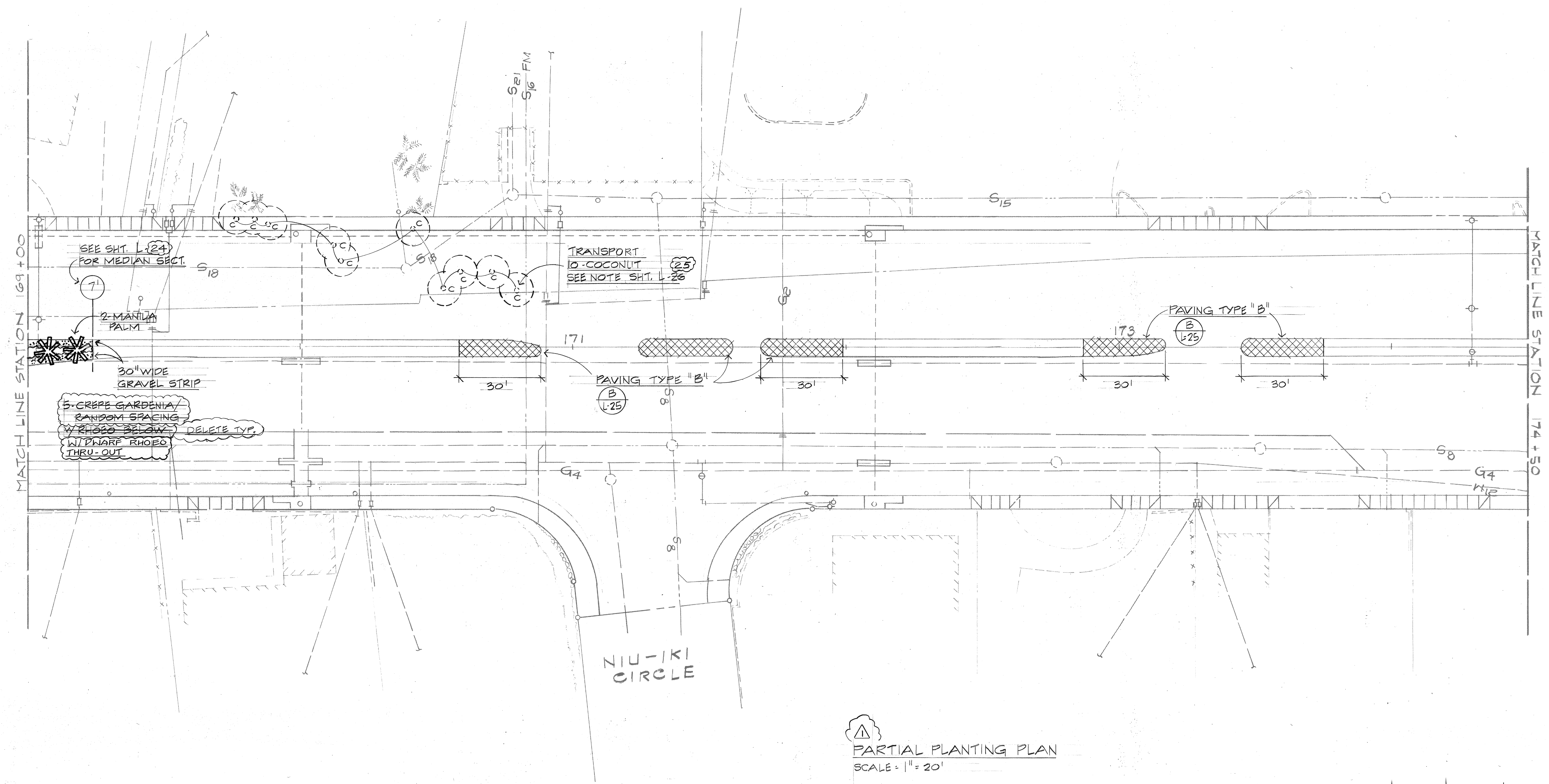
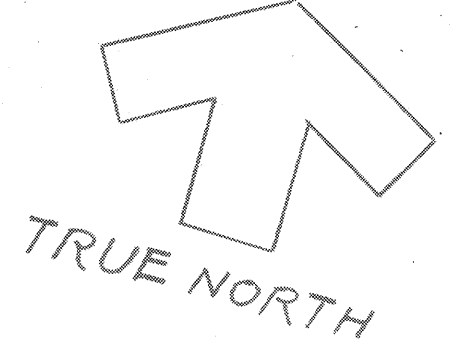
SHEET No. 21 OF 30 SHEETS



CO. 184

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____
	TRACED BY _____
	DESIGNED BY _____
	QUANTITIES BY _____
No. _____	CHECKED BY _____

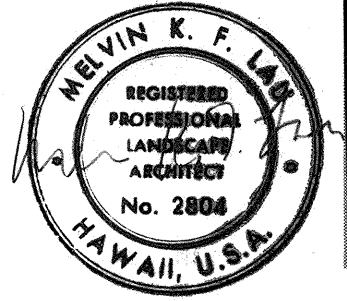
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(34)-B	1991	185	193



PARTIAL PLANTING PLAN
SCALE = 1" = 20'

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

SYMBOL	DATE	REVISION
△	4/14/91	REVISED PLANTING.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PARTIAL PLANTING PLAN

KALANIANA'OLE HIGHWAY
E. HIND DR. TO E. HALEMAUMAU ST.
F. A. PROJECT NO. F-072-1(34)-B

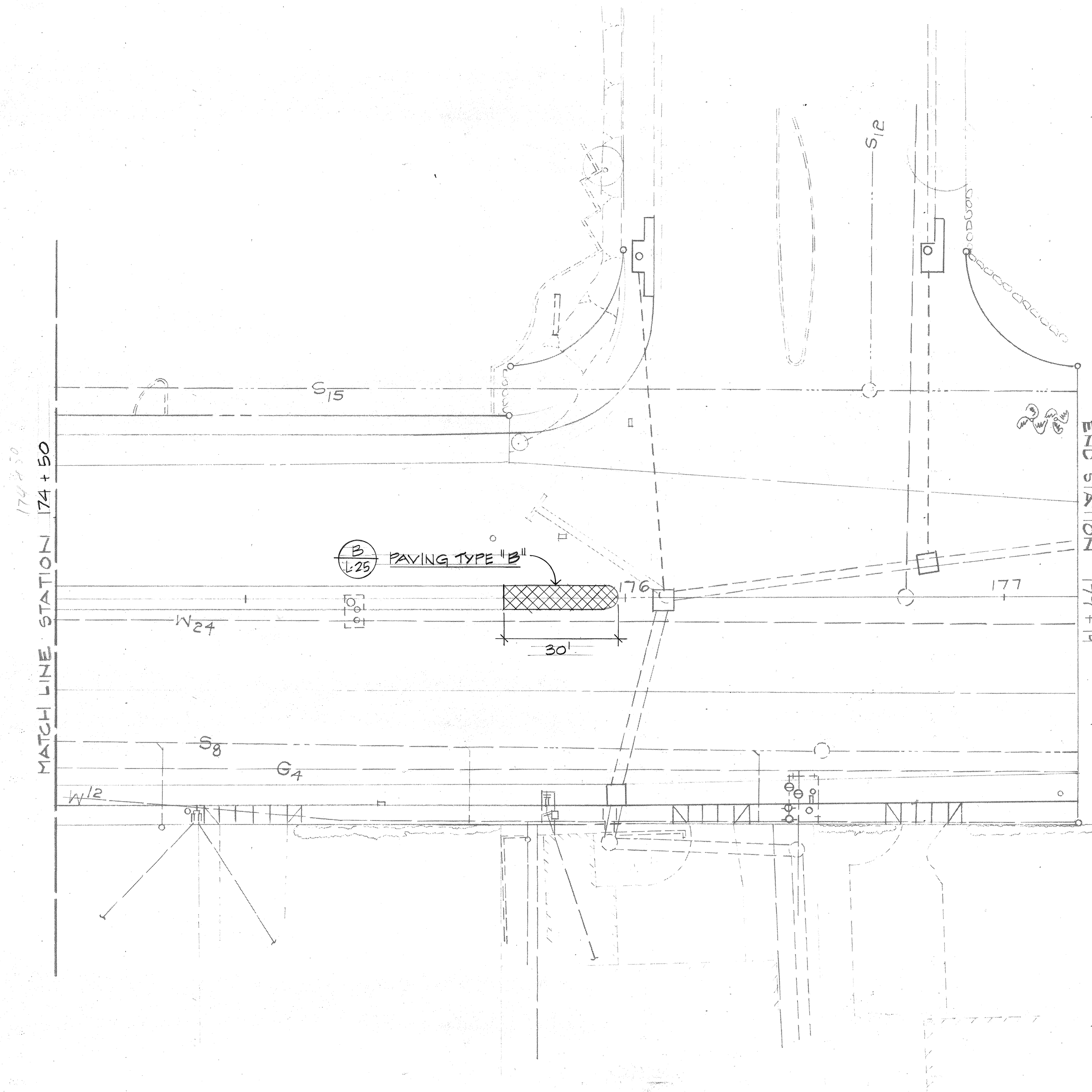
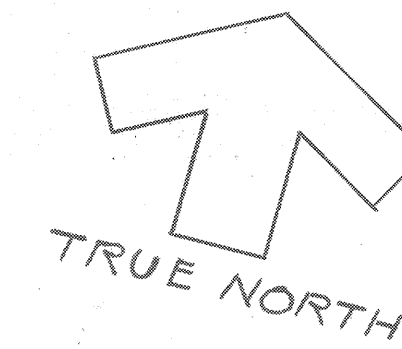
SCALE: 1" = 20' DATE: _____

SHEET No. 185 OF 30 SHEETS

107488

(EAST)
HALEMAUMAU
STREET

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F072-1(134)-B	1991	186	193



PARTIAL PLANTING PLAN
SCALE: 1" = 20'

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	TRACED BY	
	CHECKED BY	



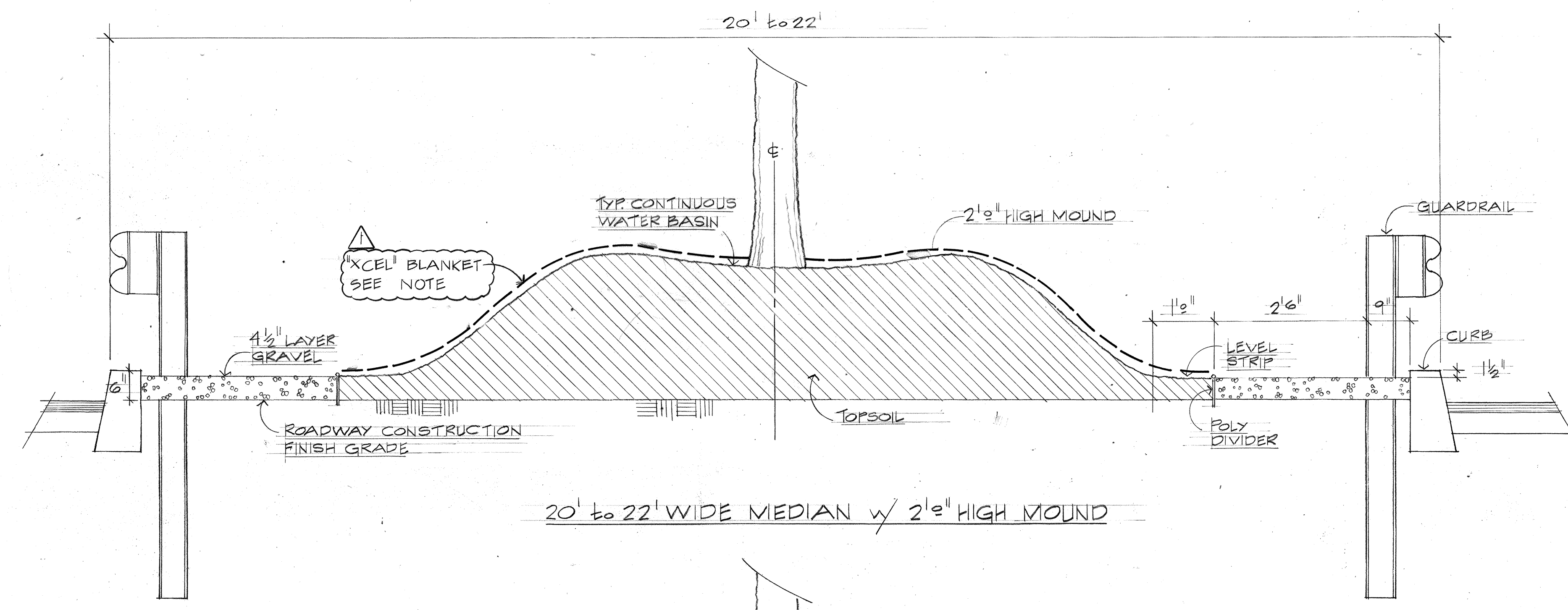
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PARTIAL PLANTING PLAN

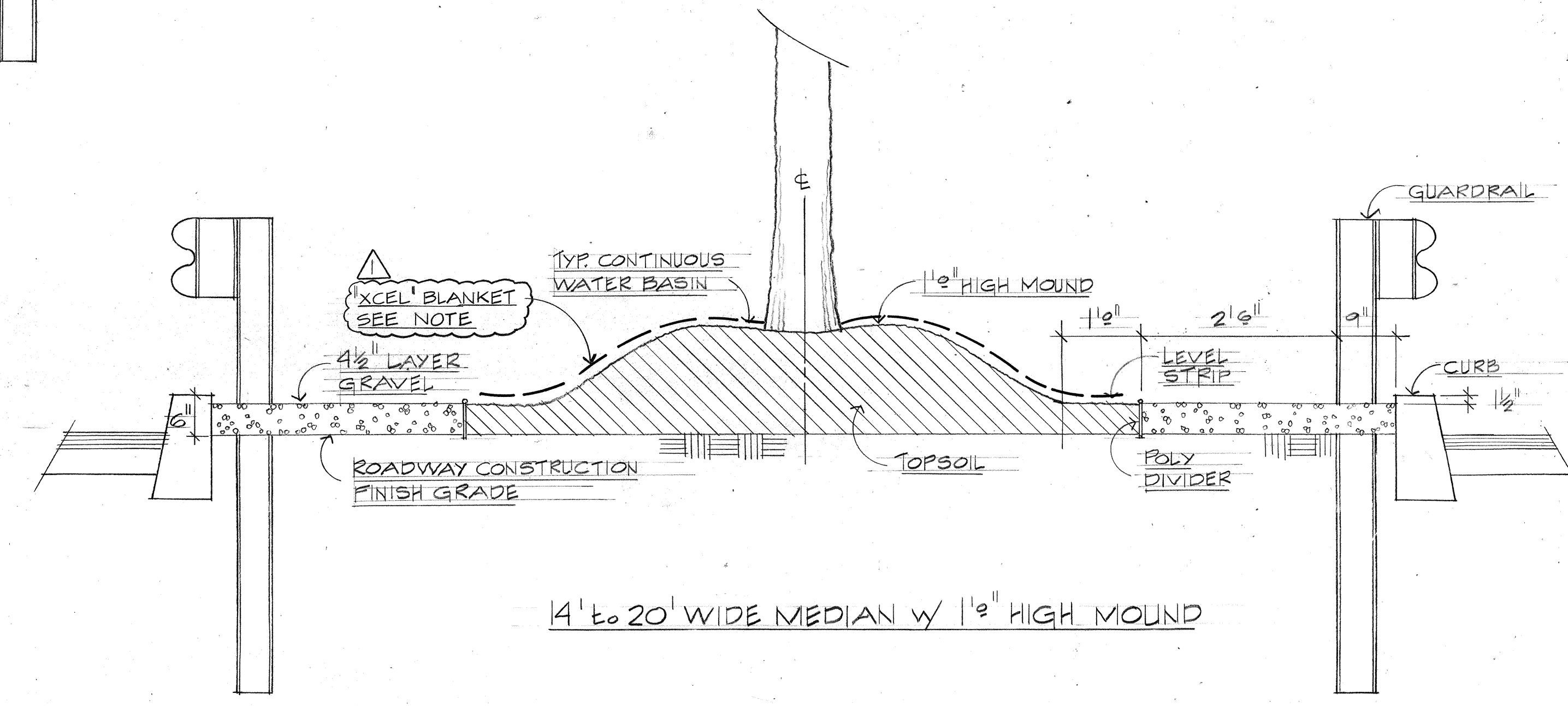
KALANIANA'OLE HIGHWAY
E. HIND DR. TO E. HALEMAUMAU ST.
F. A. PROJECT NO. F-072-1(134)-B

SCALE: 1" = 20' DATE:
SHEET NO. 186 OF 193 SHEETS

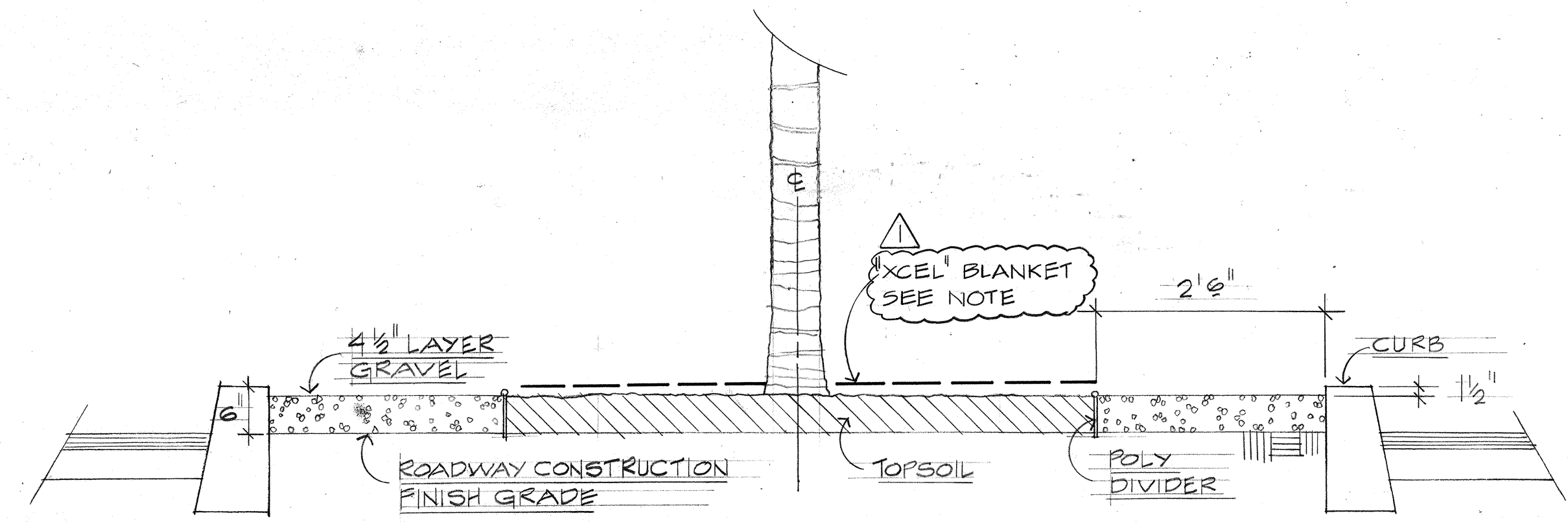
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(34)-B	1991	187	192



20' to 22' WIDE MEDIAN w/ 2' HIGH MOUND

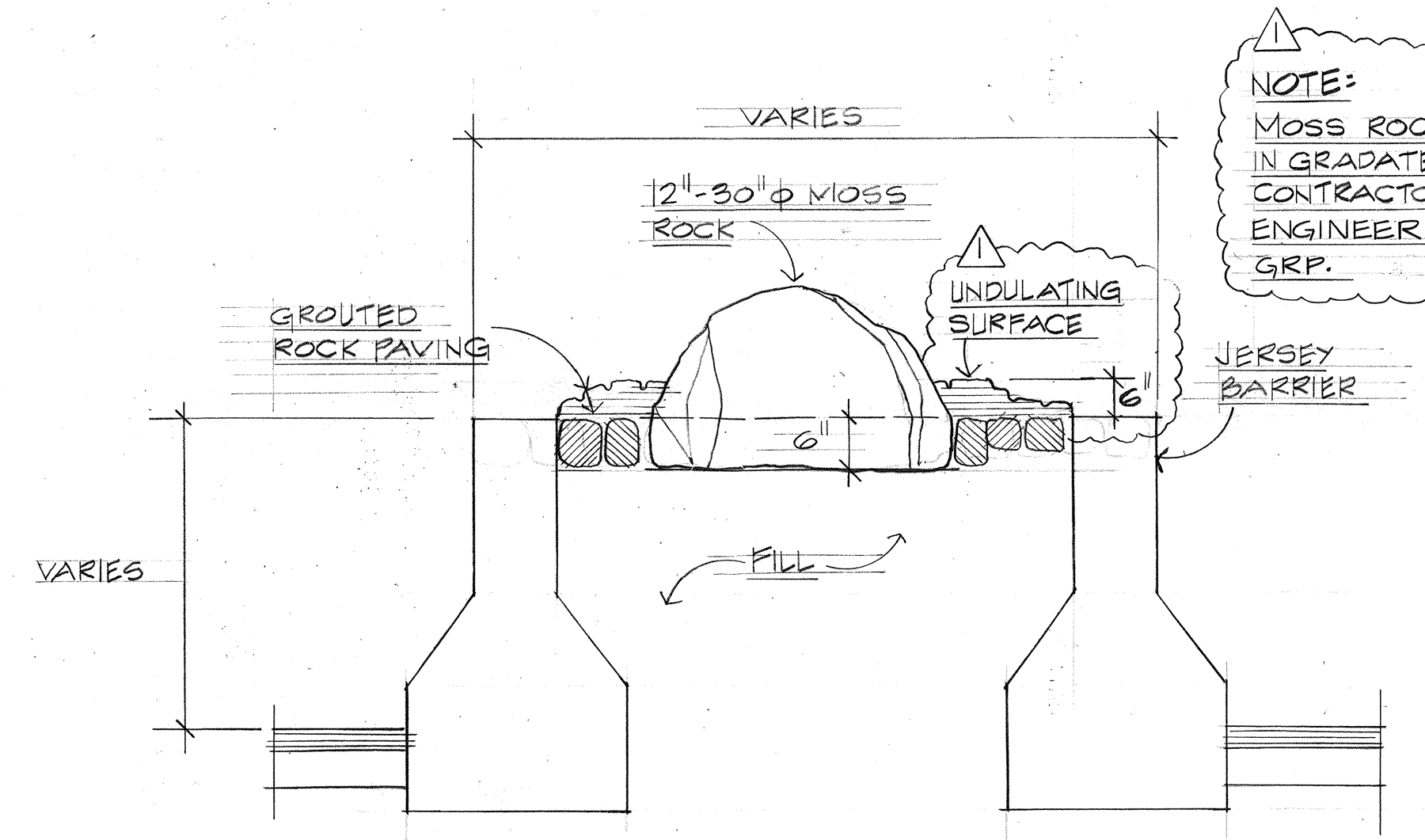


4' to 20' WIDE MEDIAN w/ 1 1/2' HIGH MOUND

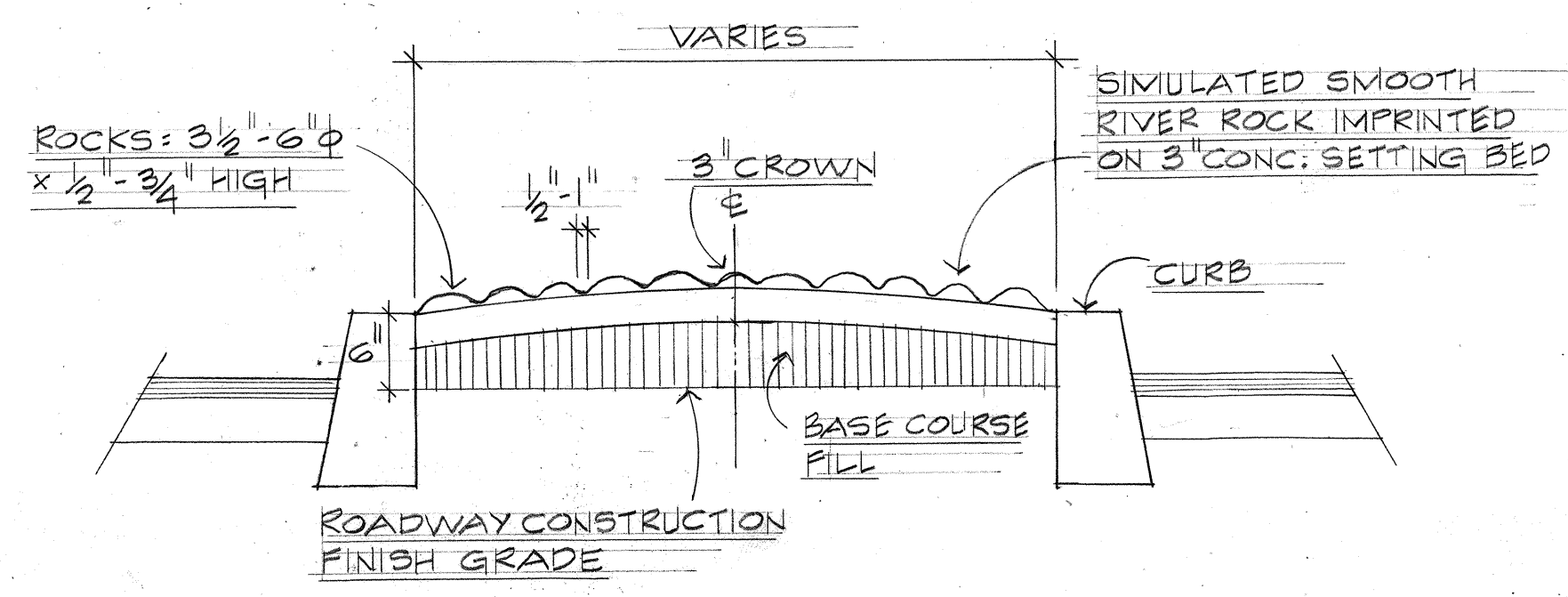


7' to 12' WIDE MEDIAN w/o GUARDRAIL

△
(A)
L25 TYP. MEDIAN & EARTH MOUND DETAILS
SCALE = 3/4" = 1'



(C)
L25 PAVING TYPE "A" / MOSS ROCK w/ G.R.P.
NO SCALE



(B)
L25 PAVING TYPE "B" / TEXTURED PAVING
NO SCALE

NOTE:
1. PROVIDE & INSTALL "XCEL" EROSION CONTROL BLANKETS OVER ALL PLANTING AREAS (MOUNDS & LEVEL AREA) PRIOR TO SHRUB & GROUND COVER PLANTINGS. OVER-LAP ENDS AT LEAST 12" CUT WEBBING IN SUCH A MANNER THAT IT CAN BE REPLACED TO SURROUND PLANTS AFTER PLANTING.

NOTE:
MOSS ROCKS SHALL BE ARRANGED IN GRADATED GROUPINGS BY THE CONTRACTOR & APPROVED BY THE ENGINEER PRIOR TO INSTALLING GRP.

SYMBOL	DATE	REVISION
△	4/14/91	REVISED MOUND DETAILS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLANTING DETAILS

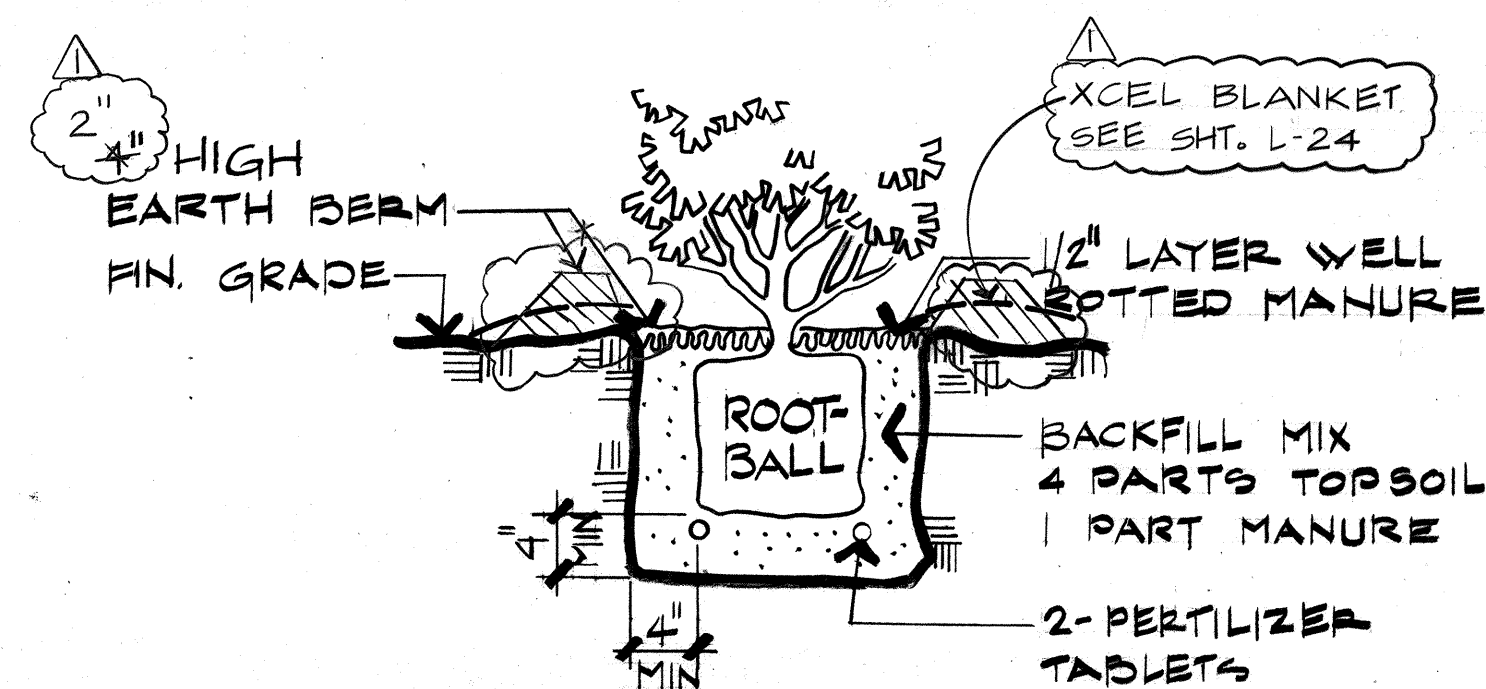
KALANIANA'OLE HIGHWAY
E. END TO E. HALEMAUMAU ST.
F.A. PROJECT NO. F-072-1(34)-B

SCALE AS SHOWN DATE:

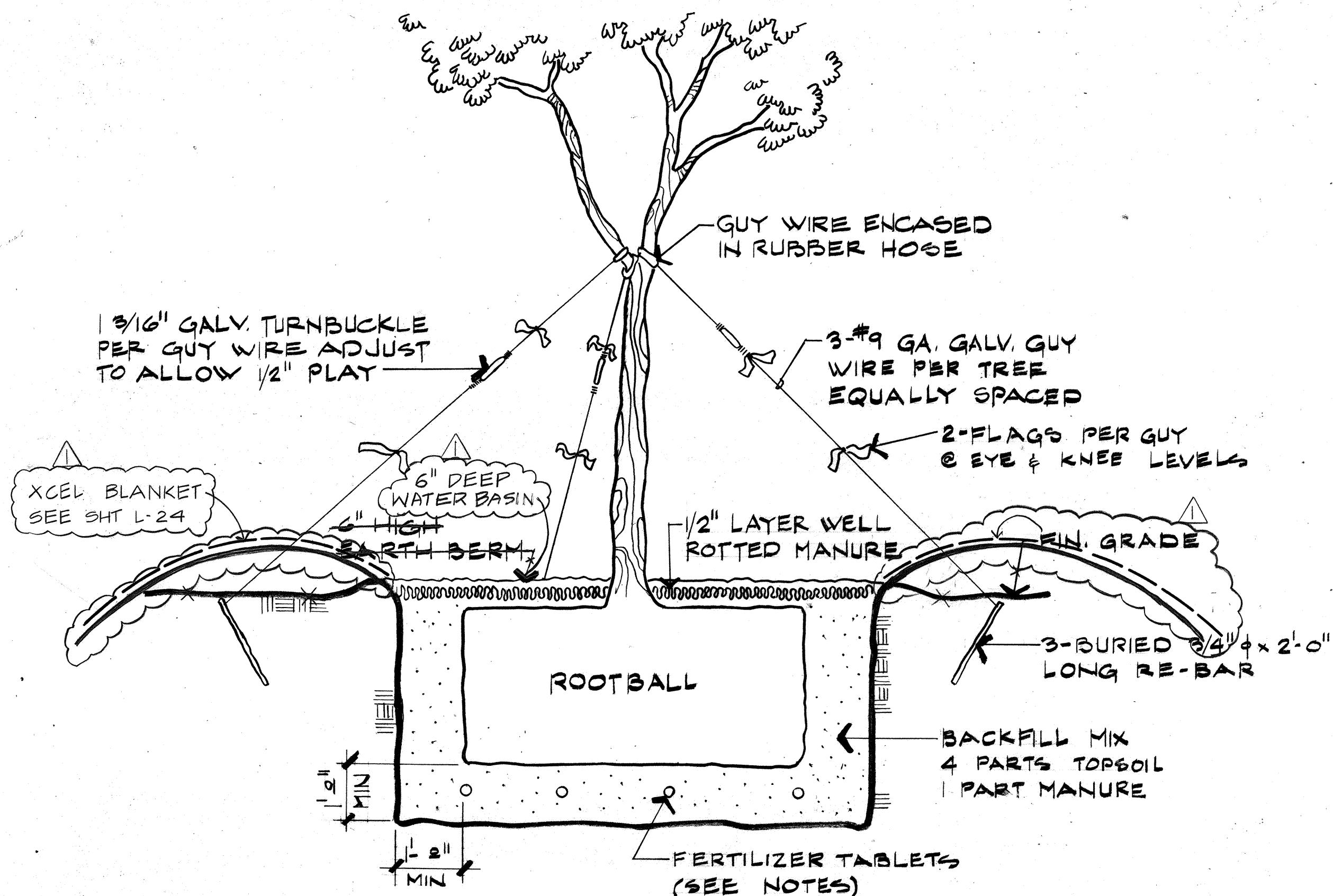


SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(34)	1991	188	192



SHRUB PLANTING DETAIL
NO SCALE



25 GALLON CAN/ FIELD STOCK
NO SCALE

PLANT LIST

QUANTITY	COMMON & BOTANIC NAME	SIZE IN PLACE
14	ALLSPICE • PINETA DIOICA	8' HI./ 1 1/2" CALP./ 6' SPD.
102	BE STILL • THEVETIA PERUVIANA	6' HI./ 1 1/2" CALP./ 4' SPD.
6	KUKU • ALBUKITES PERUVIANA	8' HI./ 1 1/2" CALP./ 6' SPD.
126	MANILA PALM • ADONIDIA MERRILLII	4' To 6' HI. TRUNK
26	MONSTERA • MONSTERA DELICIOSA	2 G.C.
40	PHILODENDRON • PHILODENDRON SELLOUM	2 G.C.
244	PINWHEEL GARDENIA • TABERNAEMONTANA CORYMBOSA	2 G.C.
78	TIARE • GARDENIA TAITENSIS	2 G.C.
202	CREPE GARDENIA • ERVATAMIA DIVARICATA	2 G.C.
13	CREeping FIG • FICUS PUMILA	1 G.C.
± 5,400	MONDO • OPHIOPOGON JAPONICUS	TUFTS/ 4" O.C.
± 5,500	LAUAE FERN • POLYPODIUM PHYMATODES	6" POTS/ 12" O.C.
± 12,600 SE	DWARF OYSTER PLANT. RHOEO SPATHACEA SPP.	6" POTS/ 12" O.C.
± 7,000 S.F.		
57	COCONUT • COCOS NUCIFERA / TRANSPORT TO AIRPORT	
3	COCONUT • COCOS NUCIFERA / TRANSPORT TO KAWAIKUI PARK	
12	ROYAL POINCIANA • DELONIX REGIA / TRANSPORT TO KAWAIKUI PARK	
13	RAINBOW SHOWER • CASSIA JAVANICA x FISTULA QUEEN'S YELLOW	8' HI./ 1 3/4" CALP. .5' SPD. (SEE NOTE)
± 8418 SF.	DWARF CARISSA • CARISSA GRANDIFLORA "BOXWOOD BEAUTY"	6" POTS / 18" O.C.
280	NAUPAKA • SCAEVOLA FRUTESCENS	1 G.C. / 2' O.C.
12	LOULU • PRITCHARDIA SPP. 'HILLEBRANDII'	3' TO 6' HIGH TRUNK
TRANSPLANT 13	COCONUT • COCOS NUCIFERA / TO WAILUPE BEACH PARK	
TRANSPORT 44	COCONUT • COCOS NUCIFERA / TO AIRPORT (SEE NOTE 3. BELOW)	

NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL QUANTITIES MEASUREMENTS, SITE CONDITIONS & LOCATIONS OF UNDERGROUND UTILITY LINES.
- FERTILIZER TABLETS SHALL BE 20-0-15 ANALYSIS, 21 GRAM SIZE & USED IN THE FOLLOWING RATES:
TREES: 1 TABLET PER 1/2" TRUNK CALP.
SHRUBS/GROUND COVER: 2 TABLETS PER PLANT.
- UNLESS OTHERWISE NOTED, ALL COCONUT PALMS SHALL BE TRANSPORTED TO VARIOUS AREAS WITHIN THE HONOLULU INTERNATIONAL AIRPORT UNDER DIRECTION OF THE AIRPORT ENGINEER. PLANTING SHALL BE DONE BY OTHERS.
- THE ENGINEER WILL DESIGNATE THE EXACT GROUND LOCATIONS OF ALL PLANTS AND THE PROPER "FACING" OF TREES AND SPECIMEN PLANTS. PLANT LOCATIONS ON PLANS ARE ILLUSTRATIVE. CONTRACTOR SHALL NOTIFY ENGINEER WHEN ANY PROPOSED PLANT LOCATION MAY INTERFERE WITH THE FULLEST, EFFECTIVE COVERAGE OF IRRIGATION HEADS. THE ENGINEER MAY DECIDE TO RELOCATE PLANTS INVOLVED. PLANTING WILL BE ALLOWED ONLY AFTER ALL PLANT LOCATIONS AND FACING HAVE BEEN APPROVED BY THE ENGINEER.
- CONTRACTOR MUST CERTIFY, IN WRITING, THAT ALL RAINBOW SHOWER PLANTED ARE OF THE VARIETIES SPECIFIED AND ALSO INDICATE THE LOCATION OF THE "MOTHER" TREE FOR INSPECTION.
- RAINBOW SHOWER TREES SHALL HAVE STRAIGHT TRUNKS. TREES WITH TRUNKS THAT ARE CROOKED, BENT AND/OR KNOTTED SHALL BE REJECTED.

SYMBOL	DATE	REVISION
△	4/14/91	REVISED PLANT LIST, NOTES & PLANT DETAILS.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLANT LIST & DETAILS

KALANIANA'OLE HIGHWAY

F.A. Project No. F-072-1(34)-B

SCALE AS SHOWN DATE:

SHEET NO. 25 OF 30 SHEETS

