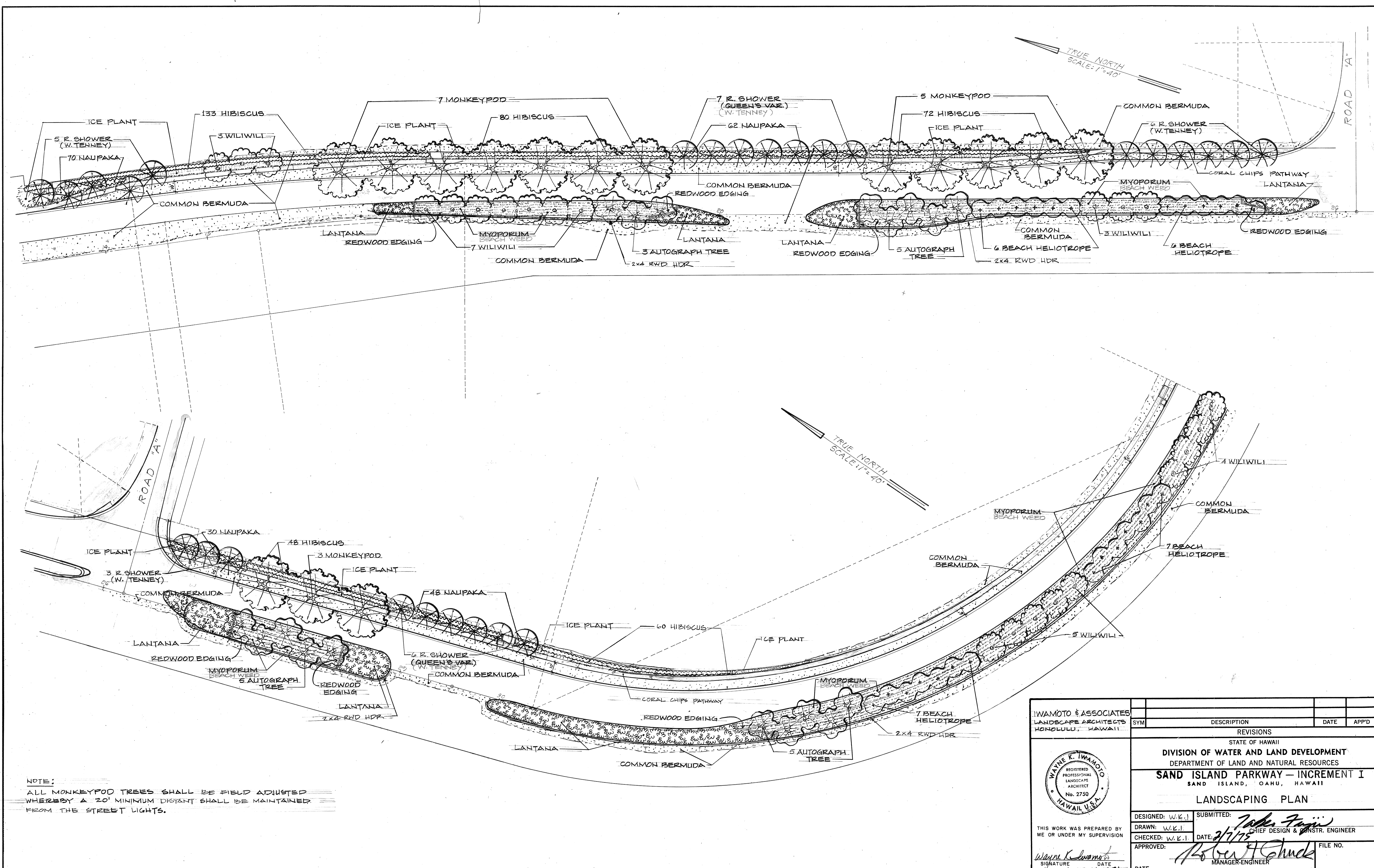
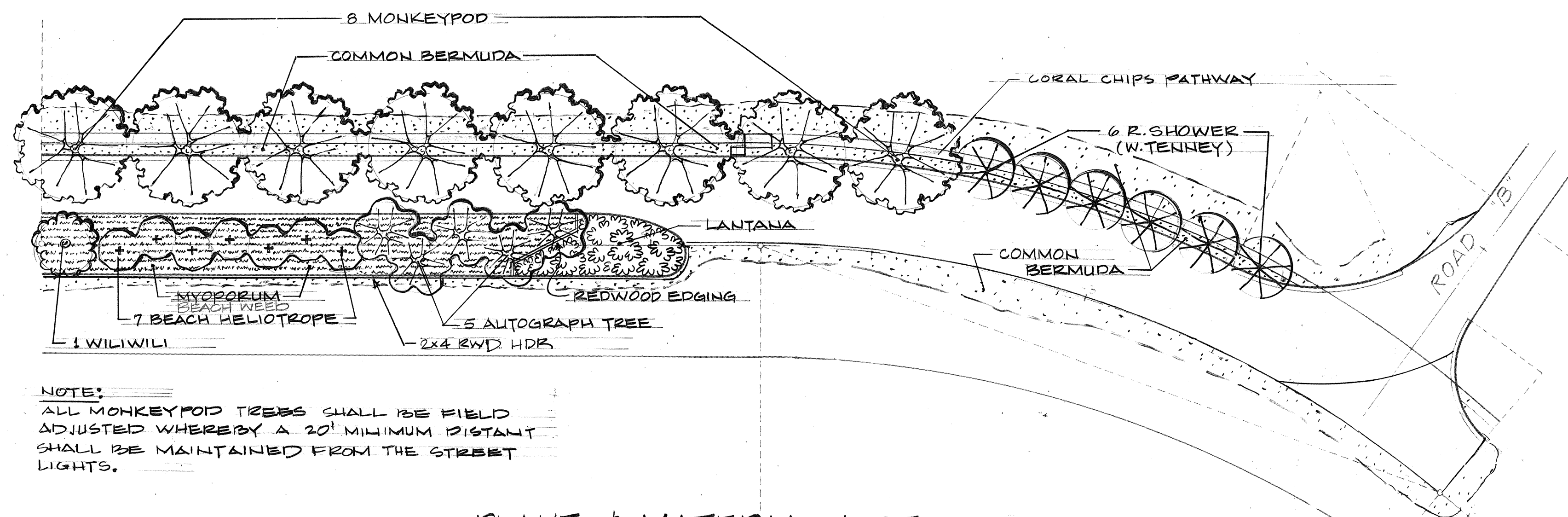




NOTE:
ALL MONKEYPOD TREES SHALL BE FIELD ADJUSTED
WHEREBY A 20' MINIMUM DISTANT SHALL BE MAINTAINED
FROM THE STREET LIGHTS.

IWAMOTO & ASSOCIATES LANDSCAPE ARCHITECTS HONOLULU, HAWAII		SYMBOL		DESCRIPTION		DATE		APP'D	
REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT No. 2750 HAWAII, U.S.A. THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION <i>Wayne K. Iwamoto</i> SIGNATURE DATE JUNE 12, 1974 DESIGNED: W.K.I. SUBMITTED: <i>John F. Fugitt</i> DRAWN: W.K.I. CHECKED: W.K.I. DATE: 2/7/75 APPROVED: <i>Robert A. Chudek</i> MANAGER-ENGINEER									
STATE OF HAWAII DIVISION OF WATER AND LAND DEVELOPMENT DEPARTMENT OF LAND AND NATURAL RESOURCES SAND ISLAND PARKWAY - INCREMENT I SAND ISLAND, OAHU, HAWAII									
LANDSCAPING PLAN									
FILE NO.									

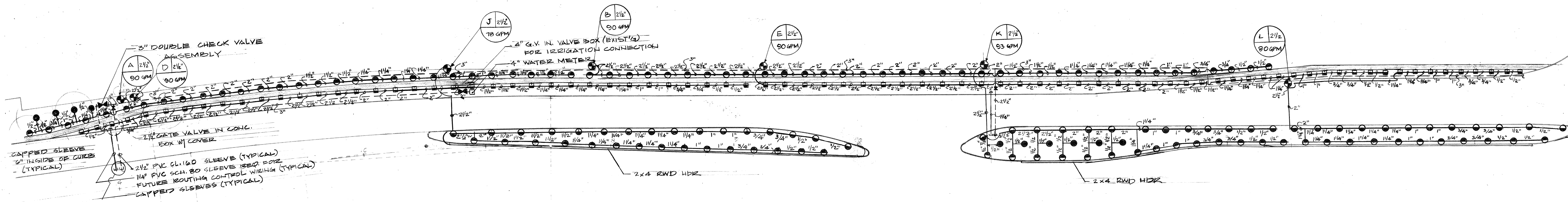


NOTE:
ALL MONKEYPOD TREES SHALL BE FIELD
ADJUSTED WHEREBY A 20' MINIMUM DISTANT
SHALL BE MAINTAINED FROM THE STREET
LIGHTS.

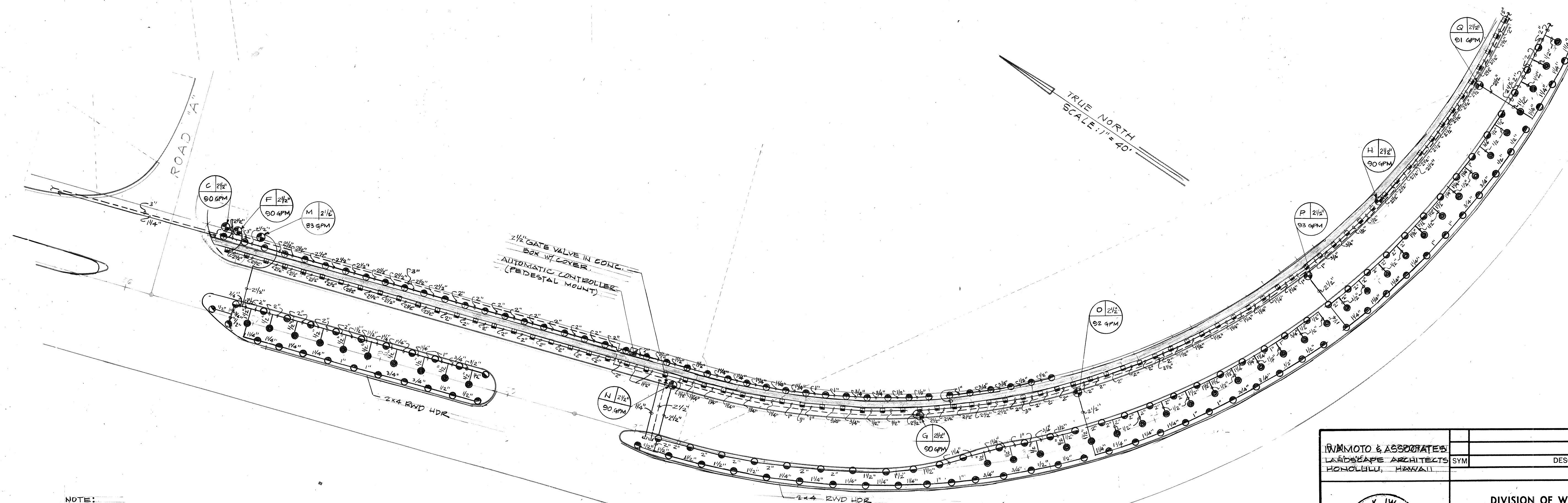
PLANT & MATERIAL LIST

QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE & CONDITION	REMARKS
* TREES :				
23	MONKEYPOD	SAManea SAMAN	12'-15' HT. 3" CAL. 25 GAL.	BRANCHING
18	WILIWILI	ERYTHRINA SANDWICENSIS	10'-12' HT. 2 1/2" CAL. 25 GAL.	BRANCHING
20	RAINBOW SHOWER WILHELMINA TENNEY	CASSIA JAVANICA X FISTULA	10'-12' HT. 2 1/2" CAL. 25 GAL.	BRANCHING
13	RAINBOW SHOWER QUEENS VAR. WHITE W. TENNEY	CASSIA JAVANICA X FISTULA	10'-12' HT. 2 1/2" CAL. 25 GAL.	BRANCHING
23	AUTOGRAPH TREE	CLUSIA ROSEA	7'-9' HT. 2" CAL. 15 GAL.	BRANCHING
33	BEACH HELIOTROPE	MESSERSCHMIDIA ARGENTEA	7'-9' HT. 2" CAL. 15 GAL.	BRANCHING
* TREES SHALL BE PLANTED AS SHOWN ON PLANS.				
SHRUBS:				
210	NAUPAKA	SCAEOVOLA FRUTESCENS	2'-3' HT. 1 GAL.	3'-0" O.C.
393	HIBISCUS (COMMON RED)	HIBISCUS ROSA SINENSIS	2'-3' HT. 1 GAL.	3'-0" O.C.
GROUND COVERS:				
± 11,550 S.F.	LANTANA (TRAILING)	LANTANA SELLOWIANA	8" ROOTED CUTTINGS	12" O.C.
± 13,300 S.F.	ICE PLANT (HOT TENTOT FIG)	CARPOROTUS EDULIS	ROOTED CUTTINGS	12" O.C.
± 34,250 S.F.	MYOPORUM (SPREADING)	MYOPORUM PARVIFOLIUM	ROOTED CUTTINGS	12" O.C.
± 67,100 S.F.	COMMON BERMUDA	CYNODON DACTYLON	SEEDS HYDRO-MULCH	—
MISCELLANEOUS:				
± 1850 L.F.	REDWOOD EDGING & REDWOOD HEADER BOARD (RWD HDR)	2" X 4" REDWOOD (ROUGH) 2" X 4" REDWOOD (ROUGH)		
± 5900 L.F. 160 CY.	REDWOOD HEADER BOARD CORAL CHIPS	2" X 6" REDWOOD (ROUGH) NO. 3		

IYAMOTO & ASSOCIATES LANDSCAPE ARCHITECTS HONOLULU, HAWAII		SYM		DESCRIPTION		DATE		APP'D	
REVISIONS									
STATE OF HAWAII DIVISION OF WATER AND LAND DEVELOPMENT DEPARTMENT OF LAND AND NATURAL RESOURCES SAND ISLAND PARKWAY—INCREMENT I SAND ISLAND, OAHU, HAWAII									
LANDSCAPING PLAN									
DESIGNED: W.K.I.		SUBMITTED: <i>John F. [Signature]</i>							
DRAWN: W.K.I.		DATE: 2/7/75 CHIEF DESIGN & CONSTR. ENGINEER							
CHECKED: W.K.I.		APPROVED: <i>Robert T. G. [Signature]</i> FILE NO.							
SIGNATURE: <i>Wayne K. Iwamoto</i>		DATE: JUNE 14, 1974							
DATE: JUNE 14, 1974		DATE: MANAGER-ENGINEER							



SPRINKLER PLAN



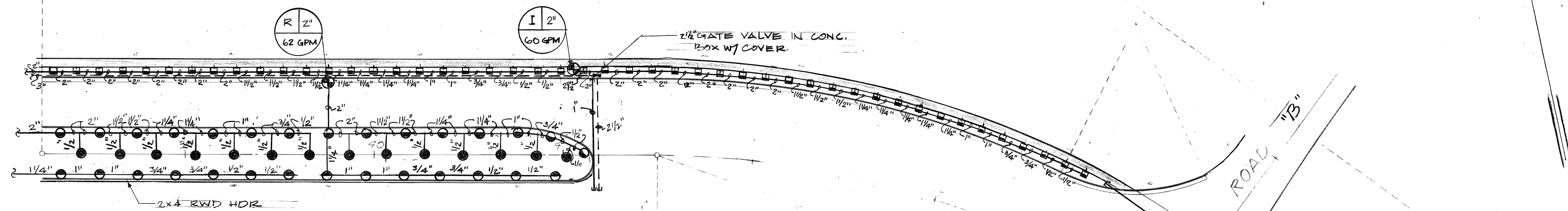
NOTE:
ALL PVCS UNDER THE ROADWAY PAVEMENT SHALL BE FURNISHED AND INSTALLED IN THE BASE BID. PVCS SHALL EXTEND FIVE (5) FEET BEYOND THE EDGE OF PAVEMENT AND PLUGGED AT BOTH ENDS.

SPRINKLER PLAN

APPROVED FOR CROSS CONNECTION
CONTROL REQUIREMENTS:

S. Matsuda 11/6/74
BOARD OF WATER SUPPLY DATE

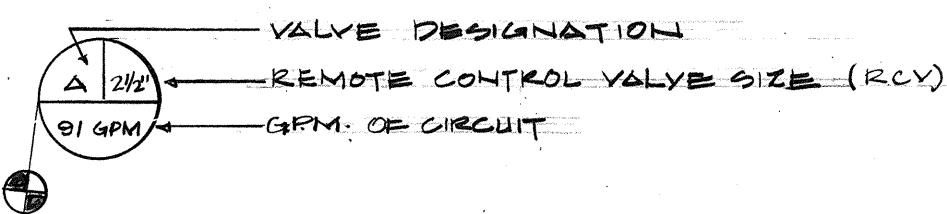
WAMOTO & ASSOCIATES LANDSCAPE ARCHITECTS HONOLULU, HAWAII		SYM		DESCRIPTION		DATE		APP'D	
		REVISIONS STATE OF HAWAII DIVISION OF WATER AND LAND DEVELOPMENT DEPARTMENT OF LAND AND NATURAL RESOURCES SAND ISLAND PARKWAY - INCREMENT SAND ISLAND, OAHU, HAWAII IRRIGATION PLAN							
		DESIGNED: F.A.E.		SUBMITTED: <i>John F. ...</i>					
		DRAWN: F.A.E.		DATE: 2/1/75 CHIEF DESIGN & CONSTR. ENGINEER					
		CHECKED: W.K.I.		APPROVED: <i>Robert ...</i> MANAGER-ENGINEER					
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION Wayne K. Iwamoto SIGNATURE DATE JUNE 14, 1974		DATE		FILE NO.					



NOTE:
ALL PVCS UNDER THE ROADWAY PAVEMENT SHALL BE FURNISHED AND INSTALLED IN THE BASE BID. PVCS SHALL EXTEND FIVE (5) FEET BEYOND THE EDGE OF PAVEMENT AND PLUGGED AT BOTH ENDS.

SPRINKLER EQUIPMENT SCHEDULE

SYMBOL	QUANTITY	DESCRIPTION
	SEE PLAN	PART CIRCLE ROTOR POP-UP 5/8" NOZZLE 50 PSI 4.95 GPM - RAINBIRD 15111A OR EQUAL
	SEE PLAN	LAWN POP-UP HALF CIRCLE 14" RAD. 30 PSI 2.5 GPM - RAINBIRD 2800-PD-H OR EQUAL
	SEE PLAN	SHRUBBERY SPRAY HEAD - FULL 24" DIA. 30 PSI 3.8 GPM - RAINBIRD 2400F OR EQUAL
	SEE PLAN	SHRUBBERY SPRAY HEAD - HALF 14" RAD 30 PSI 2.5 GPM - RAINBIRD 2400H OR EQUAL
	SEE PLAN	2 1/2", 2" ELECTRIC REMOTE CONTROL VALVES - RAINBIRD 200-EE-CP, EGY-250 OR EQUAL
	SEE PLAN	2 1/2" GATE VALVE IN CONC. BOX W/ COVER
	1	DOUBLE CHECK VALVE ASSEMBLY - 3" - HERSEY NO. 1 OR EQUAL
	SEE PLAN	NON-PRESSURE PVC SCH. 40 1/2" THRU 1 1/2" - PVC CLASS 160 1 1/2" THRU 2 1/2"
	SEE PLAN	PRESSURE MAIN PVC CL. 160 UNLESS OTHERWISE NOTED ON PLANS
	16	PLASTIC CONTROL BOXES W/ LOCKABLE EVERGREEN COVERS - AMSTEK 12" SUPERFLEXON BOX OR EQUAL
	1	AUTOMATIC CONTROLLER - 23 STATION - PEDESTAL MOUNT - 117 VOLTS, 60 CYCLE, RAINBIRD RC-23 OR EQUAL
		DIRECT BURIAL U.L. TYPE U.F. WIRING NO. 14 "FEED" AND NO. 12 "COMMON"



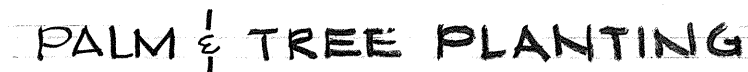
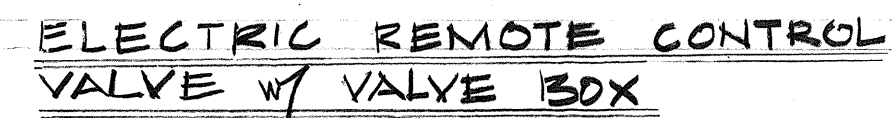
AUTOMATIC CONTROLLER

STATION NO.	R.C.V.	GPM
1	A	90
2	A	90
3	A	90
4	A	90
5	A	90
6	A	90
7	A	90
8	A	90
9	A	90
10	A	90
11	A	90
12	A	90
13	A	90
14	A	90
15	A	90
16	A	90
17	A	90
18	A	90
19	A	90
20	A	90
21	A	90
22	A	90
23	A	90

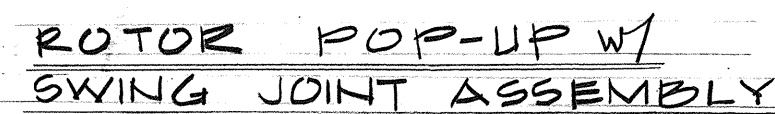
APPROVED FOR CROSS CONNECTION
CONTROL REQUIREMENTS:

S. Matsumoto 11/6/74
BOARD OF WATER SUPPLY DATE

IRWIN ASSOCIATION LANDSCAPE ARCHITECTS HONOLULU, HAWAII		SYM DESCRIPTION DATE APP'D	
REVISIONS			
STATE OF HAWAII DIVISION OF WATER AND LAND DEVELOPMENT DEPARTMENT OF LAND AND NATURAL RESOURCES SAND ISLAND PARKWAY - INCREMENT I SAND ISLAND, OAHU, HAWAII IRRIGATION PLAN			
DESIGNED: F.A.E. DRAWN: F.A.E. CHECKED: W.E.J. APPROVED: <i>Robert L. Chumley</i> SIGNATURE DATE JUNE 12, 1974		SUBMITTED: <i>Robert L. Chumley</i> CHIEF DESIGN & CONSTR. ENGINEER DATE: 2/7/75 FILE NO.	



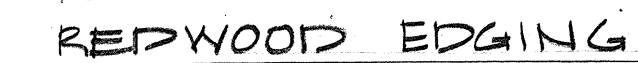
NOTE: 25 GAL SPECIMEN



NOTE: ABOVE DETAILS NOT IN SCALE



NOTE: 15 GAL. SPECIMEN



APPROVED FOR CROSS CONNECTION
CONTROL REQUIREMENTS: _____

S. Melnick 11/6/74
BOARD OF WATER SUPPLY DATE

IWAMOTO & ASSOCIATES LANDSCAPE ARCHITECTS HONOLULU, HAWAII				
SYM	DESCRIPTION	DATE	APP'D	
REVISIONS				
STATE OF HAWAII				
DIVISION OF WATER AND LAND DEVELOPMENT DEPARTMENT OF LAND AND NATURAL RESOURCES				
SAND ISLAND PARKWAY — INCREMENT I SAND ISLAND, OAHU, HAWAII				
LANDSCAPING DETAILS				
DESIGNED: <u>W.K.I.</u> DRAWN: <u>F.A.E.</u> CHECKED: <u>W.K.I.</u> APPROVED: <u>[Signature]</u>		SUBMITTED: <u>[Signature]</u> CHIEF DESIGN & CONSTR. ENGINEER DATE: <u>2/7/74</u> MANAGER-ENGINEER FILE NO.		