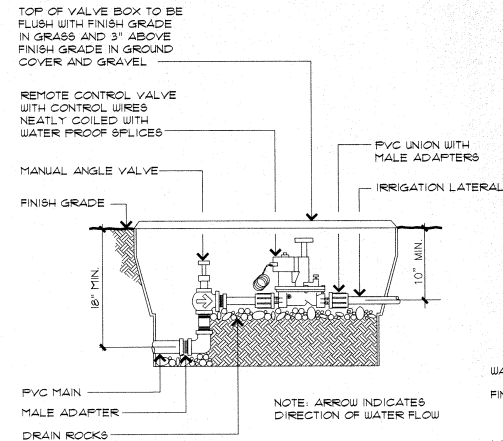


IRRIGATION EQUIPMENT LIST

SYMBOL	MANUFACTURER AND CATALOG NO.	DESCRIPTION	G.P.M.	RADIUS	P.S.I.
●	TORO 510Z-10-F	SHRUB SPRAY ON RISER, STD. GAL., FULL CIRCLE	149	10'	30
●	TORO 510Z-10-H	SHRUB SPRAY ON RISER, STD. GAL., HALF CIRCLE	71	10'	30
●	TORO 510Z-10-Q	SHRUB SPRAY ON RISER, STD. GAL., QUARTER CIRCLE	40	10'	30
⊕	BUCKNER 2000X0 SERIES	REMOTE CONTROL VALVE			
⊕	BUCKNER 220000 SERIES	MANUAL ANGLE VALVE			
⊕	NIBCO T-113	GATE VALVE			
—	PVC SCHEDULE 40 PIPE	IRRIGATION MAIN			
—	PVC CLASS 200 PIPE	IRRIGATION LATERAL			
—	PVC SCHEDULE 40 PIPE	IRRIGATION CONDUIT			
—	PVC SCHEDULE 40 PIPE	IRRIGATION SLEEVE			
④	SIZE OF SLEEVE				

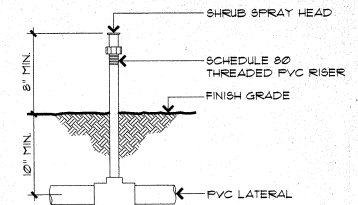
IRRIGATION NOTES:

- IRRIGATION SYSTEMS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC AND ARE SUBJECT TO ADJUSTMENTS DUE TO UNANTICIPATED FIELD CONDITIONS. UNLESS OTHERWISE NOTED, LOCATE ALL SPRINKLER HEADS, VALVES, AND PIPES WITHIN PLANTING AREAS.
- THE IRRIGATION SYSTEM DESIGN IS BASED ON A MINIMUM STATIC WATER PRESSURE OF 55 PSI AT THE POINT OF CONNECTION. NOTIFY PROJECT ENGINEER IF PRESSURE IS LESS THAN 55 PSI OR GREATER THAN 100 PSI.
- CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF THE INSTALLATION OF ALL SLEEVES, CONDUITS, MAINS AND LATERALS UNDER PAVEMENT AND THROUGH WALLS AND SHALL ASSURE THAT THESE ITEMS ARE LAID PRIOR TO THE PLACEMENT OF PAVEMENT. ALL STUB-OUTS AND CONDUITS RUNNING THROUGH THE BUILDING STRUCTURE WILL BE DONE BY ELECTRICIAN. ALL IRRIGATION WIRES SHALL BE BUNDLED AND INSTALLED UNDER THE IRRIGATION MAIN FOR IN-GRADE INSTALLATION. INSTALL IRRIGATION WIRES IN CONDUITS WHERE WIRES ARE NOT FOLLOWING THE IRRIGATION MAIN AND ALL ABOVE-GRADE INSTALLATIONS. VERIFY UTILITY LOCATIONS BEFORE TRENCHING. CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.
- INSTALL SPRINKLER HEADS 6" AWAY FROM WALKWAYS, DRIVEWAYS AND STRUCTURES. FLEX RISERS SHALL BE USED ON ALL SHRUB HEADS ON RISERS INSTALLED ALONG WALKWAYS, DRIVEWAYS AND PARKING SPACES. ADJUST ALL SPRINKLER HEADS TO OBTAIN HEAD TO HEAD COVERAGE. ADJUST FLOW CONTROL OF CONTROL VALVES TO MINIMIZE MISTING.
- THE CONTRACTOR, TOGETHER WITH THE MAINTENANCE REPRESENTATIVE SHALL PROGRAM THE IRRIGATION CONTROLLER TO ACCOMMODATE THE LANDSCAPE AND SITE REQUIREMENTS, AND SHALL INSTRUCT THE REPRESENTATIVE ON THE OPERATION OF THE COMPLETE SYSTEM.
- CONTRACTOR MUST SUBMIT AS-BUILT PLANS PRIOR TO THE END OF THE MAINTENANCE PERIOD.



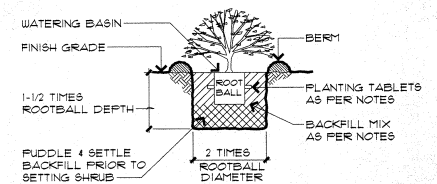
MANUAL ANGLE VALVE/
REMOTE CONTROL VALVE

NOT TO SCALE



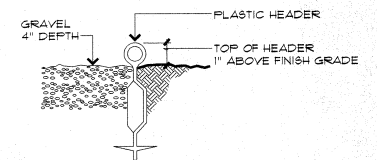
SHRUB SPRAY DETAIL

NOT TO SCALE



SHRUB PLANTING DETAIL

NOT TO SCALE



PLASTIC HEADER DETAIL

NOT TO SCALE

PLANT LIST

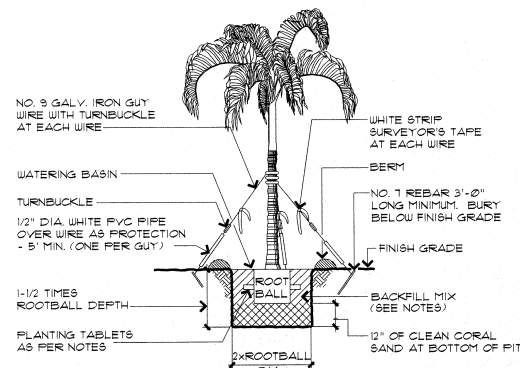
QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE	REMARKS
23	MANILA PALM	VEITCHIA MERRILLII	25 GAL.	4' TRUNK HT.
15	SAGO PALM	CYCAS REVOLUTA	F.S.	2' TRUNK HT.
108	SPIDER LILY	CRINUM ASIATICUM	3 GAL.	24" HT., CLUMPING
4810 SF.	HOTTENTOT FIG	CARPOBROTUS EDULIS	ROOTED CUTTINGS	8' O.C.
1100 LF.	PLASTIC HEADER	COBRA 'HIGHEST'		
31 C.Y.	GRAVEL	NO. 3 GRADE 'A' FINE	3" DEPTH	

PLANTING NOTES:

- PROVIDE A 6" LAYER OF IMPORTED SCREENED SOIL OVER ALL PLANTING AREAS. (SEE SECTION 02480 OF SPECIFICATIONS).
- BACKFILL MIX SHALL CONSIST OF THREE (3) PARTS OF IMPORTED SCREENED SOIL TO ONE (1) PART ORGANIC SOIL AMENDMENTS (SEE SPECIFICATIONS). ADD ONE (1) POUND OF 10-30-10 FERTILIZER TO ONE (1) CUBIC YARD OF BACKFILL MIX. MIX THOROUGHLY ON PROJECT SITE PRIOR TO ANY PLANTING OPERATIONS.
- QUANTITIES SHOWN ON PLANT LIST ARE FOR REFERENCE ONLY. VERIFY ACTUAL QUANTITIES AS SHOWN ON PLAN.
- GROUND COVER SHALL BE PLANTED UNDER ALL TREES AND SHRUBS (UNLESS OTHERWISE NOTED ON PLANS).
- PLANTING TABLETS FOR TREES, PALMS, AND SHRUBS SHALL BE AS FOLLOWS:

A) FIELD SPECIMEN	12 TABLETS
B) 25 GALLON	8 TABLETS
C) 15 GALLON	5 TABLETS
D) 5 GALLON	3 TABLETS
E) 3 GALLON	2 TABLETS
F) 1 GALLON	1 TABLET

USE AGRIFORM TABLETS 20-10-5, 21 GRAM SIZE



PALM PLANTING DETAIL

NOT TO SCALE

	REVISION	DATE	BRIEF	BY	APPROV.
	M & E PACIFIC, INC. ENGINEERS & ARCHITECTS HONOLULU, HAWAII				
	DOLE WILEI CANNERY ALAKAWA ST. EXTENSION HONOLULU, HAWAII				
	IRRIGATION EQUIPMENT LIST, PLANT LIST, DETAILS, AND NOTES				
THIS WORK WAS DONE BY ME OR UNDER MY SUPERVISION		DRAWN BY: AA ENGINEER APPROVED BY:			