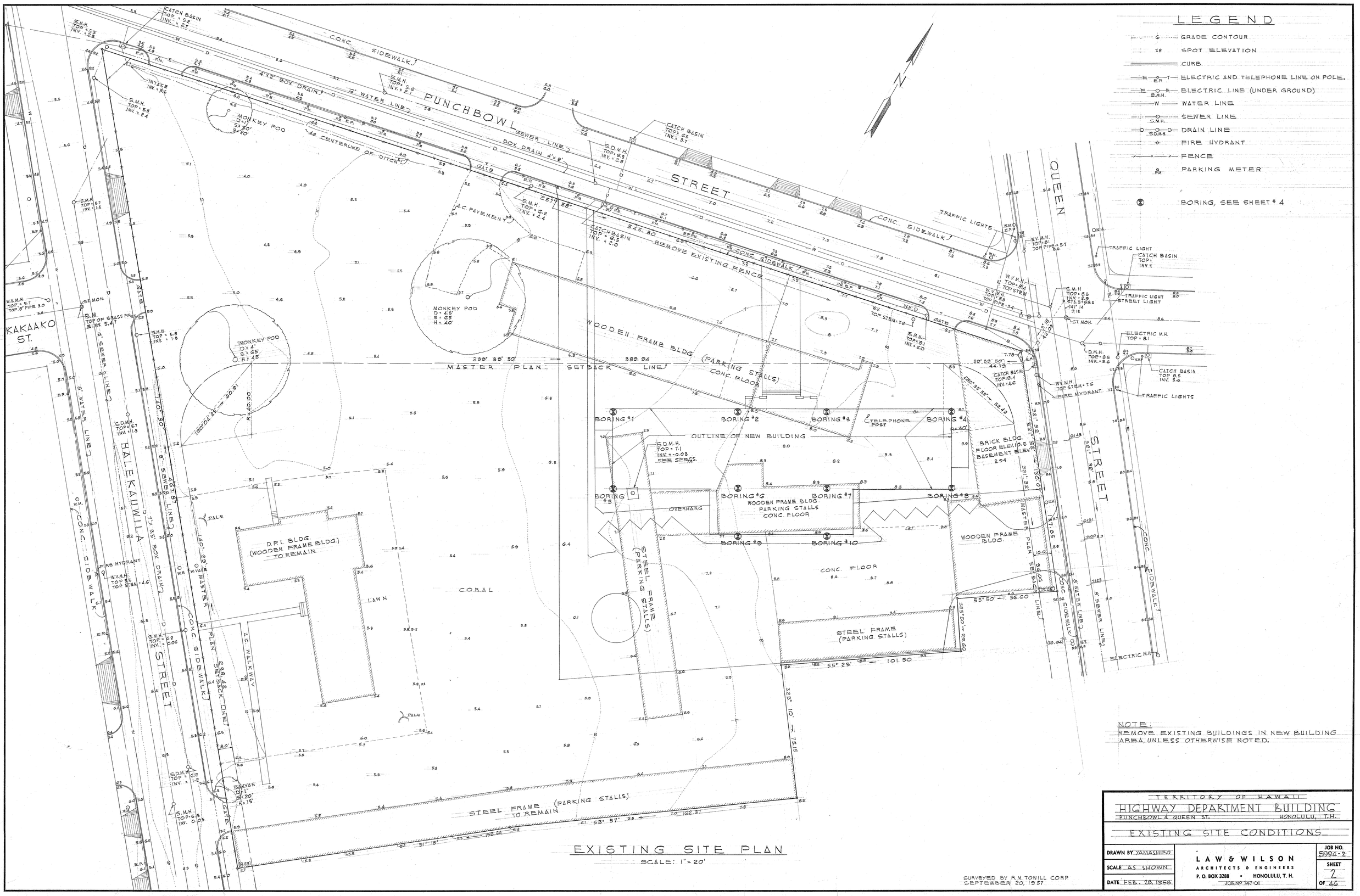


EXISTING SITE PLAN

SCALE: 1" = 20'

NOTE:
REMOVE EXISTING BUILDINGS IN NEW BUILDING AREAS, UNLESS OTHERWISE NOTED.

SURVEYED BY R.N. TOWILL CORP
SEPTEMBER 20, 1957

TERRITORY OF HAWAII
HIGHWAY DEPARTMENT BUILDING
PUNCHBOWL & QUEEN ST. HONOLULU, T.H.

EXISTING SITE CONDITIONS

DRAWN BY YAMASHIRO	LAW & WILSON ARCHITECTS & ENGINEERS P. O. BOX 3288 • HONOLULU, T. H. JOB NO 747-01	JOB NO. 5994-2
SCALE AS SHOWN		SHEET 2 OF 46
DATE FEB. 28, 1958		

E. DIETZGEN CO. 197M DURAVEL

747-01 (2)

PUNCHBOWL STREET

PUNCHBOWL STREET REALIGNMENT

QUEEN STREET

HALEKAUWILA STREET

EXIST. CURB & CONC. SIDEWALK

PROPERTY LINE

DRAIN BOX 4'x6'

EXIST. D.M.H. TOP = 7.68 INV. = 2.68

CUT INTO EXIST. D.M.H. SEE DETAIL SH'T # 5

INV. = 2.5 NEW 18" DRAIN

18" EXIST. SEWER

257° 58' 545.30

CL'M'L'T / SE GRADING

EST. MON. B.M. TOP OF BRASS PIN ELEV. = 5.47

700

FUTURE CURB LINE

283° 33' 50"

MASTER PLAN

369.94

SET BACK LINE

SAND STONE WALL RTG EL TOP OF WALL = 9.25 SEE DETAIL

CR = 16 FUTURE

CR = 16

R = 9'

R = 40.00

150° 04' 25" — 60.91

140° 30'

140.29

467.81

238.42

8.0

2"x4" REDWOOD HEADER WITH 2"x2"x18" LONG STAKE @ 3'-0" O.C.

CONC. SLOPE

DRAIN PIPE

4' GRADE

HIGHWAY DEPARTMENT BLDG.

FIN. FLR. EL. 10.10

2-3"C, 1-2"C IN CONC. JACKET

DUCT MARKER SEE DETAIL (4/M)

NEW D.M.H. TOP = 7.52 INV. = 3.70

G. CONC. DRAIN FROM ROOF

CAR PORT COL. LINE

55° 23' 60'

4-60° PARKING SPACES

D.P.I. BLDG. (TO REMAIN)

NEW S.M.H. TOP = 8.79 INV. = 4.79

2-3"C IN CONC. JACKET 1-2"C

PAINT STRIPINGS

2-3"C IN CONC. JACKET

55° 23' BASE LINE "B"

SLOPE 4%

LIMIT OF GRADING AND CONTRACT

12 @ 45° PARKING

SWALE

CB. SEE DET. (5/E) TOP = 7.8 INV. = 4.5

2"x4" REDWOOD HEADER WITH 2"x2"x18" LONG STAKE @ 3' O.C.

PRECAST CONC. CURB

55° 23' 101.50

SEE DETAIL (4/L)

DUCT MARKER SEE DETAIL (4/M)

323° 10' — 75.51'

LIMIT OF GRADING AND CONTRACT

STEEL FRAME PARKING STALLS (TO REMAIN)

55° 57' — 162.37 PROPERTY LINE

51° 18' — 155.34

STEP UP WALL FTG SIMILAR TO SECT. (2A/E)

0.85 BOT. FTG

0.35 BOT. FTG

59° 39' 50" 44.79

290° 35' 55" — 52.16

R = 40.00

FLAGPOLE EL. 14.00

H.T. PULL BOX (BY OTHERS)

NEW 2-2"C IN CONC. JACKET

STEPS TO TERRACE

EL. 8.95

EXTERIOR FACE OF BLDG.

BY OTHERS

101.55.76 — 59° 39' 50"

321° 35' — 32.15

NEW 4" WATER

NEW 6" SEWER SLOPE 0.0075

2-3"C

2"C

EXIST. 8" WATER

EXIST. 8" SEWER

PAVEMENT TRANSITION

55° 50' — 56.60

R = 30'

SLOPE TOWARD H.E. M.H.

NEW 2-3" TRANSITE DUCT IN CONCRETE JACKET. SEE NOTE 3

SET BACK LINE

55° 23' BASE LINE "B"

CONNECT TO EXIST. LINES VERIFY INVERTS IN FIELD

EXIST. H.E. MANHOLE 442

141° 14' 9.15

ST. MON.

3.18 12.03

BASE LINE PROPERTY LINE

ASPHALTIC CONCRETE PAVING AND CONC. CURB, INTO EXIST. CONC. WALK

EXIST. NEW DRIVEWAY GUTTER

LEGEND

- EXISTING GRADE CONTOUR
- NEW GRADE CONTOUR
- " SPOT ELEVATION
- " PRECAST CONCRETE CURB
- " CONCRETE WALK
- " REDWOOD HEADER
- " ASPHALTIC CONCRETE PAVING
- " DRAINAGE PIPE
- " WATER LINE
- " SEWER LINE
- " CONCRETE DRAIN PIPE
- " FUTURE ELEVATION (TOP OF CURB)
- " KAHALA SAND STONE
- " HAWAIIAN ELECTRIC CO. SERVICE
- " HAWAIIAN TELEPHONE CO. SERVICE
- " A.C. ROLL
- " ELECTRICAL DUCT
- " DUCT FOR FUTURE POWER & TELEPHONE

NOTES:

1. ALL CONCRETE CURB RADII LESS THAN 10' SHALL BE CAST IN PLACE WITH 2-#5 HORIZONTAL REINFORCING BARS.
2. H.E. SERVICE REFER TO HAWAIIAN ELECTRIC DRAWING Nº V-18418
3. FOR WORK OFF SITE BY HAWAIIAN TELEPHONE COMPANY SEE HTCO ORDER KCO 40628
4. SPOT ELEVATIONS SHOWN ARE TO TOP OF CONCRETE CURB AND WALK, UNLESS OTHERWISE NOTED.

SITE IMPROVEMENT PLAN

SCALE: 1" = 20'

TERRITORY OF HAWAII

HIGHWAY DEPARTMENT BUILDING

PUNCHBOWL & QUEEN ST. HONOLULU, T.H.

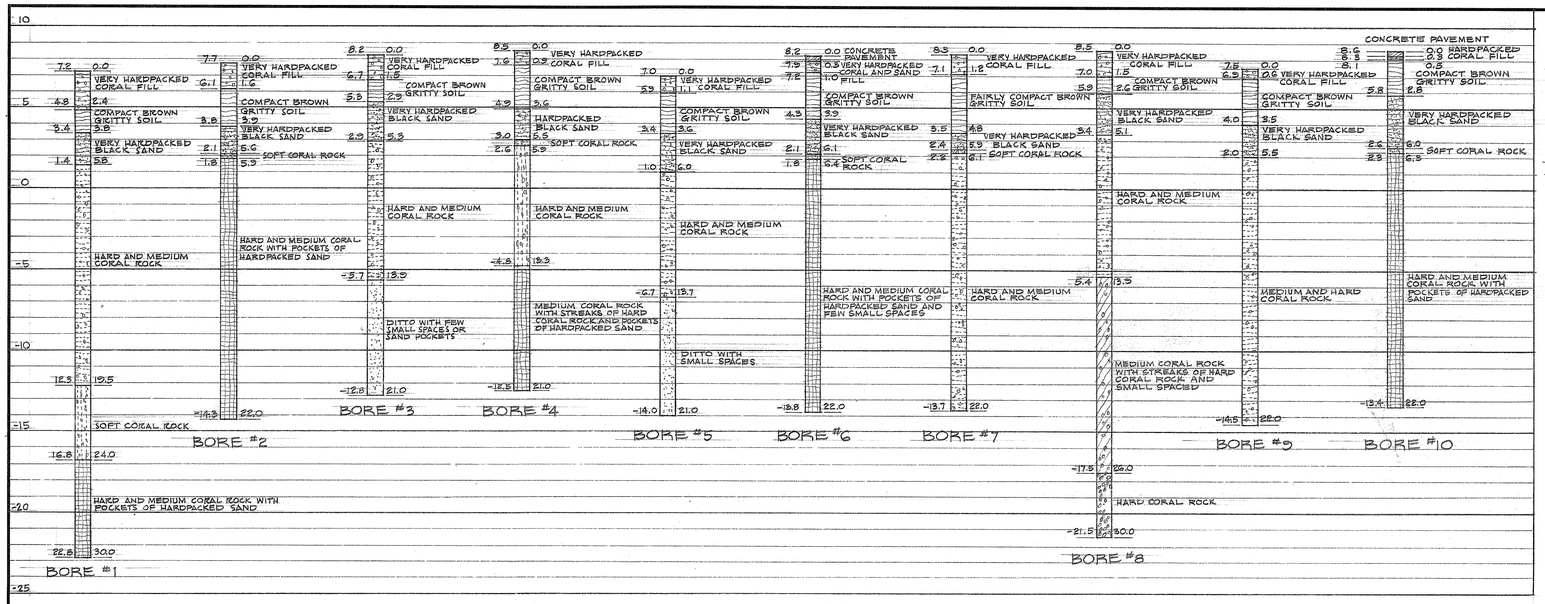
SITE IMPROVEMENT PLAN

DRAWN BY YAMASHIRO	LAW & WILSON ARCHITECTS & ENGINEERS P. O. BOX 3288 • HONOLULU, T. H. JOB Nº 747-01	JOB NO. 5994-3
SCALE AS SHOWN		SHEET 3 OF 46
DATE FEB. 18, 1958		

DIETZGEN CO. 197M DURAVEL

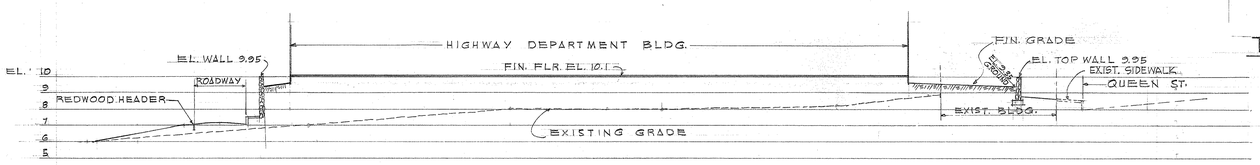
FENCE

Territorial Bldg. Repair sheet #10 (3)



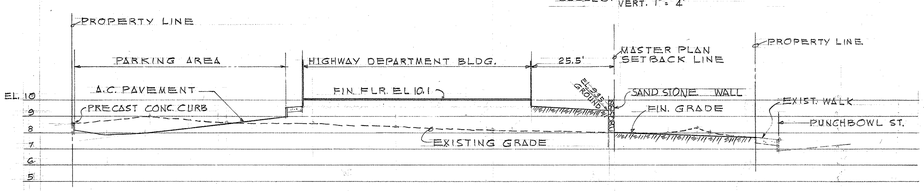
BORING LOG

SCALE: 1"= 4'-0"



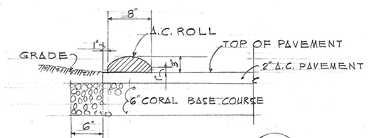
SECTION (4/A)

SCALES: HOR. 1"=20'
VERT. 1"= 4'



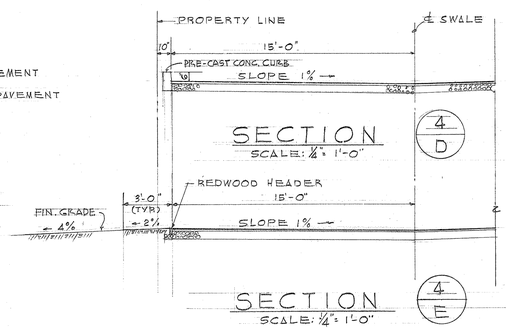
SECTION (4/B)

SCALES: HOR. 1"= 20'
VERT. 1"= 4'



SECTION (4/C)

SCALE: 1"= 1'

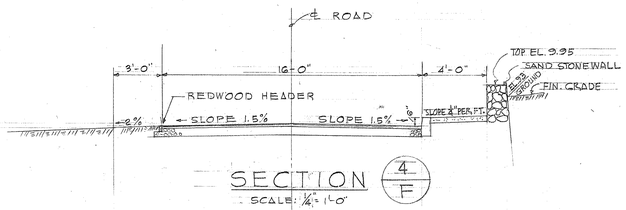


SECTION (4/D)

SCALE: ½"= 1'-0"

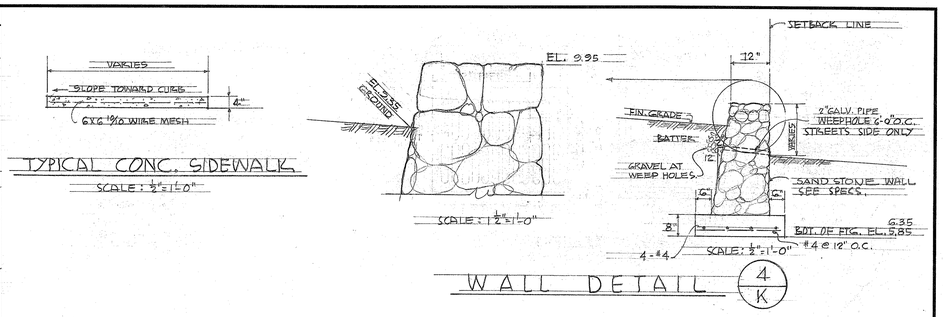
SECTION (4/E)

SCALE: ¼"= 1'-0"



SECTION (4/F)

SCALE: ½"= 1'-0"



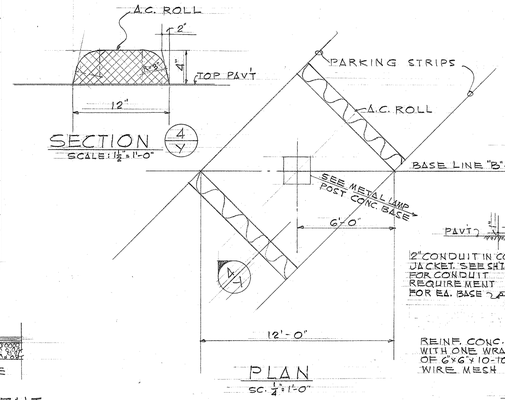
TYPICAL CONC. SIDEWALK

SCALE: ½"=1'-0"

SCALE: 1"=1'-0"

SCALE: ½"=1'-0"

WALL DETAIL (4/K)

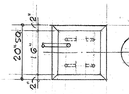


SECTION (4/Y)

SCALE: 1½"= 1'-0"

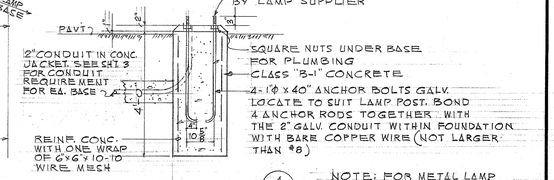
PLAN

SC. ¼"=1'-0"



PLAN (4/X)

BASE DIMENSIONS MUST BE APPROVED BY SUPPLIER OF METAL LAMP POST.

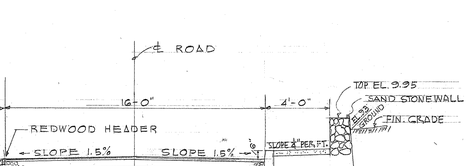


SECTION (4/X)

NOTE: FOR METAL LAMP POST - SEE SPECS.

METAL LAMP POST CONC. BASE

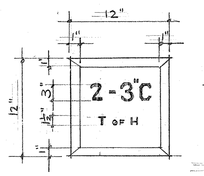
SCALE: ½"= 1'-0"



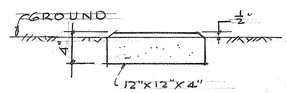
TYPICAL A.C. PAVEMENT

DETAIL (4/L)

(TYPICAL)

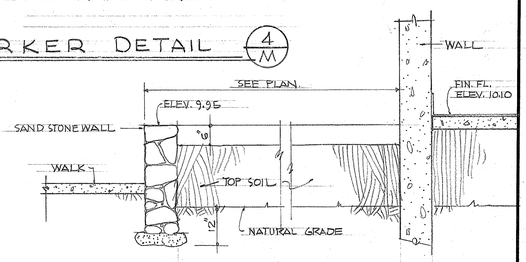


PLAN



WIDTH OF STROKE OF LETTERS TO BE ½" BY ¼" DEEP - EMBOSSED LETTERS FILLED WITH BLACK PAINT

CONDUIT MARKER DETAIL (4/M)



PLANT BOX DET. (4/N)

SCALE ½"=1'-0"

TERRITORY OF HAWAII

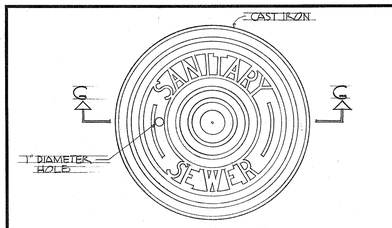
HIGHWAY DEPARTMENT BUILDING

PUNCHBOWL & QUEEN ST. HONOLULU, T.H.

SITE PROFILES - BORING DATA

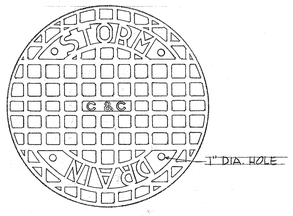
DRAWN BY YAMASHIRO	LAW & WILSON ARCHITECTS & ENGINEERS P. O. BOX 3288 • HONOLULU, T. H. JOB NO. 747-01	JOB NO. 5994-4
SCALE AS SHOWN		SHEET 4 OF 46
DATE FEB. 28, 1958		

© CITIZEN CO. 1972M DURAVEL

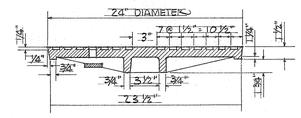


PLAN OF MANHOLE COVER

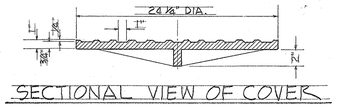
SCALE: 1½"=1'-0"



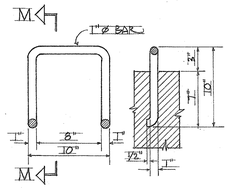
TOP VIEW OF COVER



SECTION "G-G"



SECTION VIEW OF COVER

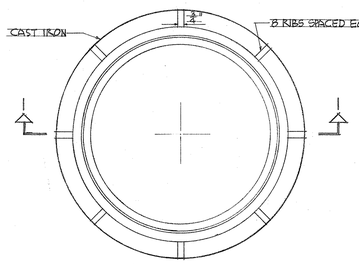


PLAN SECTION M-M

TYPE A MANHOLE RUNGS

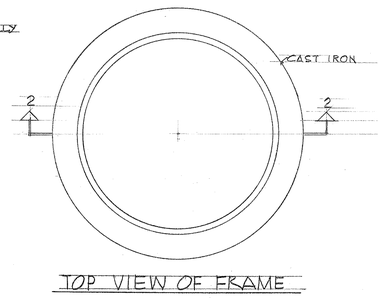
WROUGHT IRON

SCALE: 1½"=1'-0"

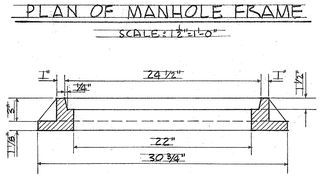


PLAN OF MANHOLE FRAME

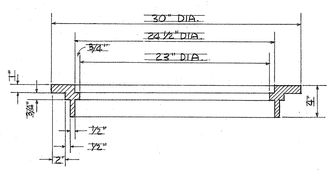
SCALE: 1½"=1'-0"



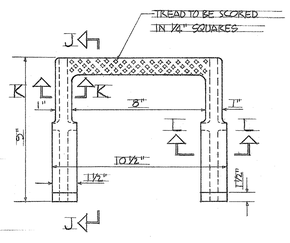
TOP VIEW OF FRAME



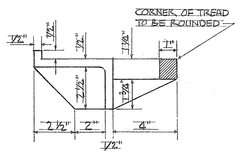
SECTION "1-1"



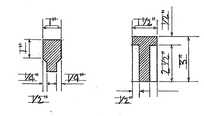
SECTION "2-2"



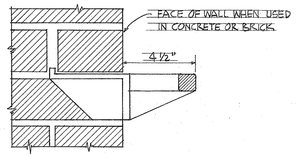
PLAN



SECTION "J-J"

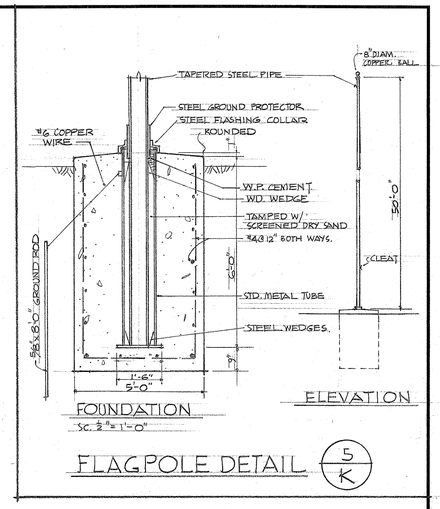


SECTION K-K

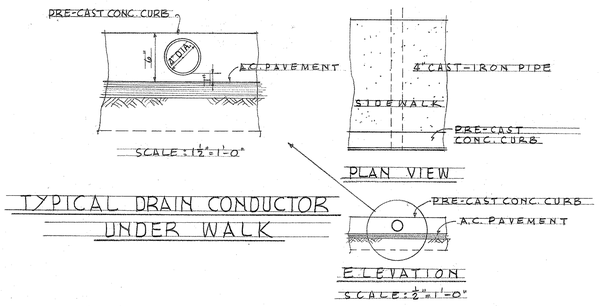


SECTION L-L

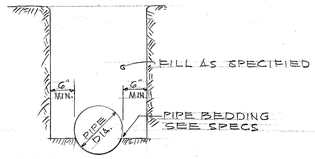
METHOD OF INSTALLATION



FLAGPOLE DETAIL 5/K

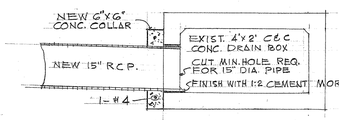


TYPICAL DRAIN CONDUCTOR UNDER WALK



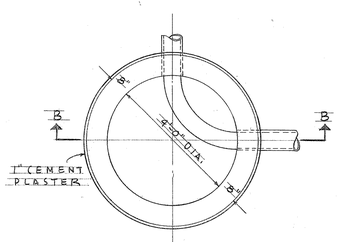
TYPICAL TRENCH FOR CONC. DRAIN PIPE

SCALE: ¾"=1'-0"



DETAIL OF CONNECTION TO C&C BOX DRAIN - PUNCHBOWL STREET

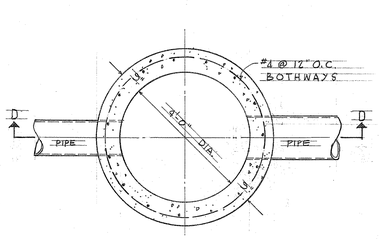
SCALE: ½"=1'-0"



PLAN SECTION "A-A"

SEWER MANHOLE

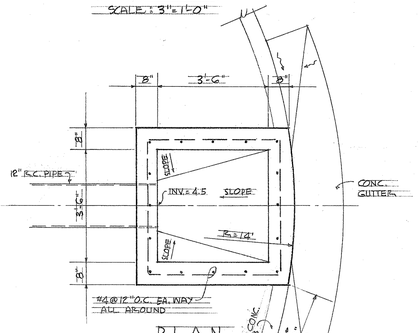
SCALE: ½"=1'-0"



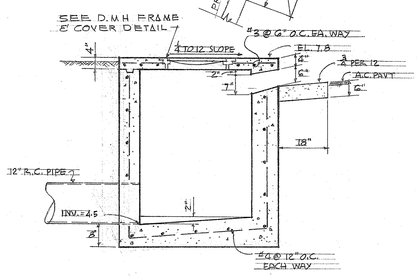
PLAN SECTION "C-C"

STORM DRAIN MANHOLE

SCALE: ½"=1'-0"



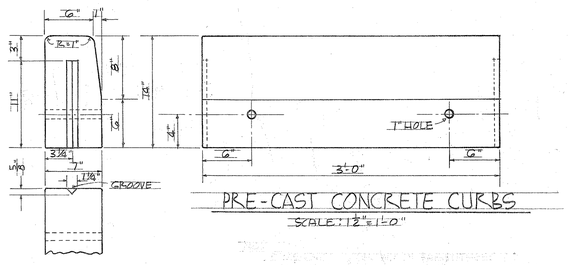
PLAN



ELEVATION SECT

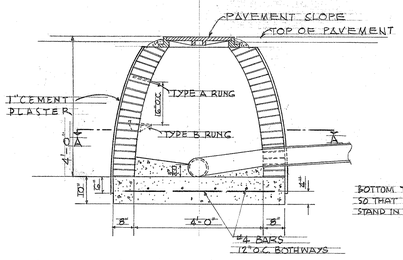
CATCH BASIN DETAIL 5/U

SCALE: ½"=1'-0"

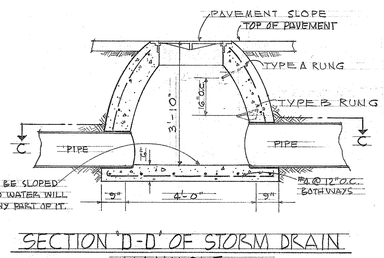


PRE-CAST CONCRETE CURBS

SCALE: 1½"=1'-0"



SECTION "B-B" OF SEWER MANHOLE



SECTION "D-D" OF STORM DRAIN MANHOLE

SCALE: ½"=1'-0"

TERRITORY OF HAWAII

HIGHWAY DEPARTMENT BUILDING

PUNCHBOWL & QUEEN ST. HONOLULU, T.H.

SITE DETAILS

DRAWN BY IMADA	LAW & WILSON ARCHITECTS & ENGINEERS P. O. BOX 3288 • HONOLULU, T. H. JOB Nº 747-01	JOB NO. 5994-5
SCALE AS SHOWN		SHEET 5 OF 46
DATE FEB. 28, 1958		

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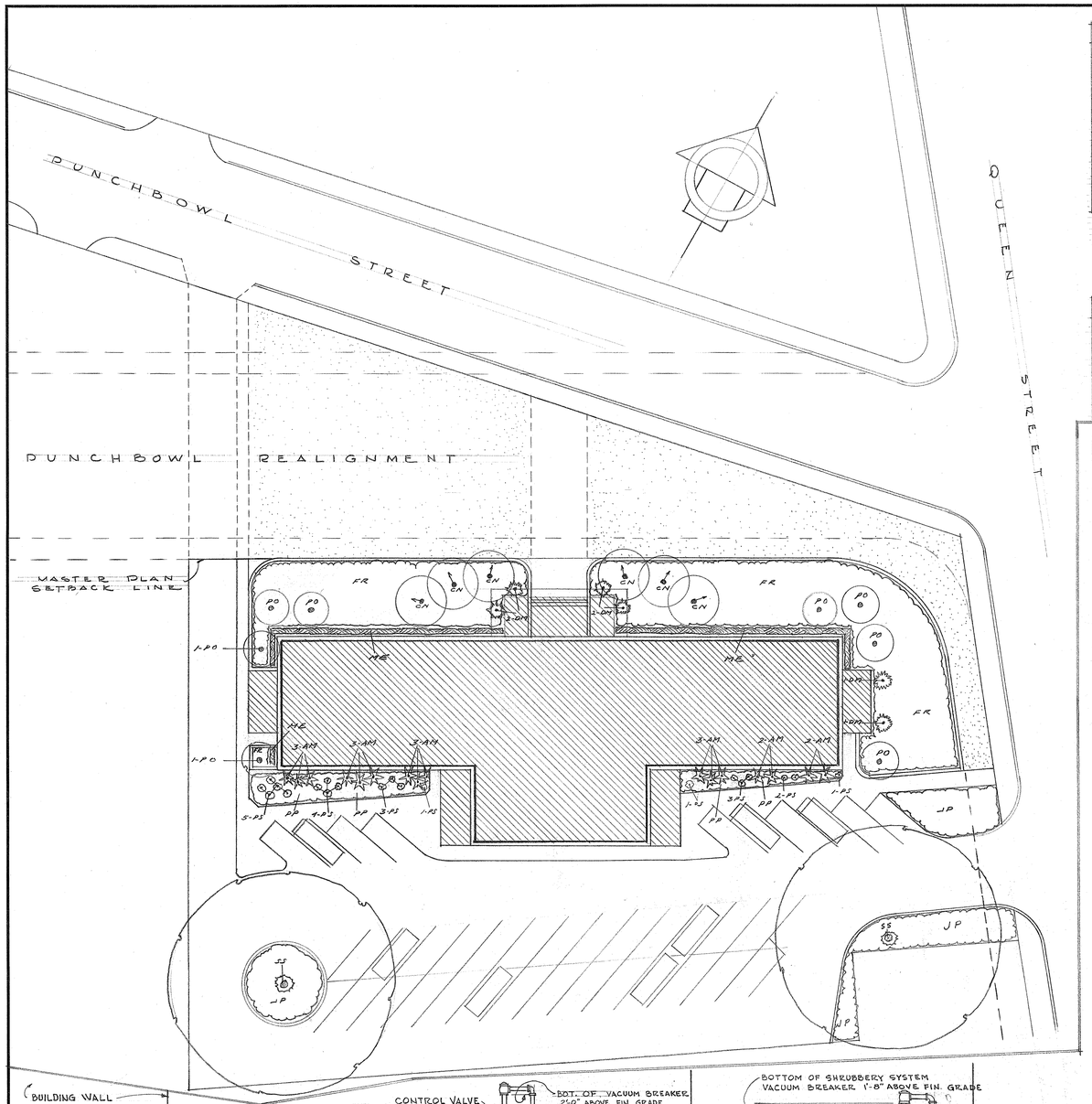


PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME	QUANT.	REMARKS
AM	ACTINOPHLOEUS MACARTHURI	MACARTHUR PALM	16	5 GAL. CAN SIZE - 6' TALL - PLANT IN GROUPINGS AS INDICATED ON PLAN.
CN	COCOS NUCIFERA	COCONUT PALM	6	FIELD GROWN SPECIMENS VARYING IN HEIGHT FROM 20' TO 30'. (SEE NOTES BELOW)
DM	DRACAENA MARGINATA	RED-EDGED DRACAENA	6	FIELD GROWN STOCK - 6' TALL - BRANCHING FROM BASE.
FR	FICUS RAMENTACEA	WAIPAHU FIG	1420	1 GAL. CAN SIZE - PLANT IN AREAS INDICATED 2' O.C.
JP	JASMINUM PUBESCENS F.	SCENTED STAR JASMINE	222	1 GAL. CAN SIZE - 1' SPREAD - PLANT 3' O.C. IN AREAS INDICATED.
ME	MURRAYA EXOTICA	MOCKORANGE	205	14" TALL PLANTS - PLACE 2' APART - DOUBLE ROW STAGGERED.
PO	PANDANUS ODORATISSIMUS	HALA TREE	8	FIELD GROWN STOCK - 10' TALL - BRANCHED.
PS	PHILODENDRON SELLOUM	SELLOUM PHILODENDRON	20	5 GAL. CAN SIZE - 6 LEAVES - PLANT RISING FROM LAUA'E GROUND COVER.
PP	POLYPODIUM PHYMATODES	LAUA'E FERN	240	1 GAL. CAN SIZE - PLANT 2' O.C. AS GROUND COVER.
SS	SAMANEA SAMAN	MONKEYPOD TREE	2	8'-10' TALL SPECIMENS - STAKED SECURELY.

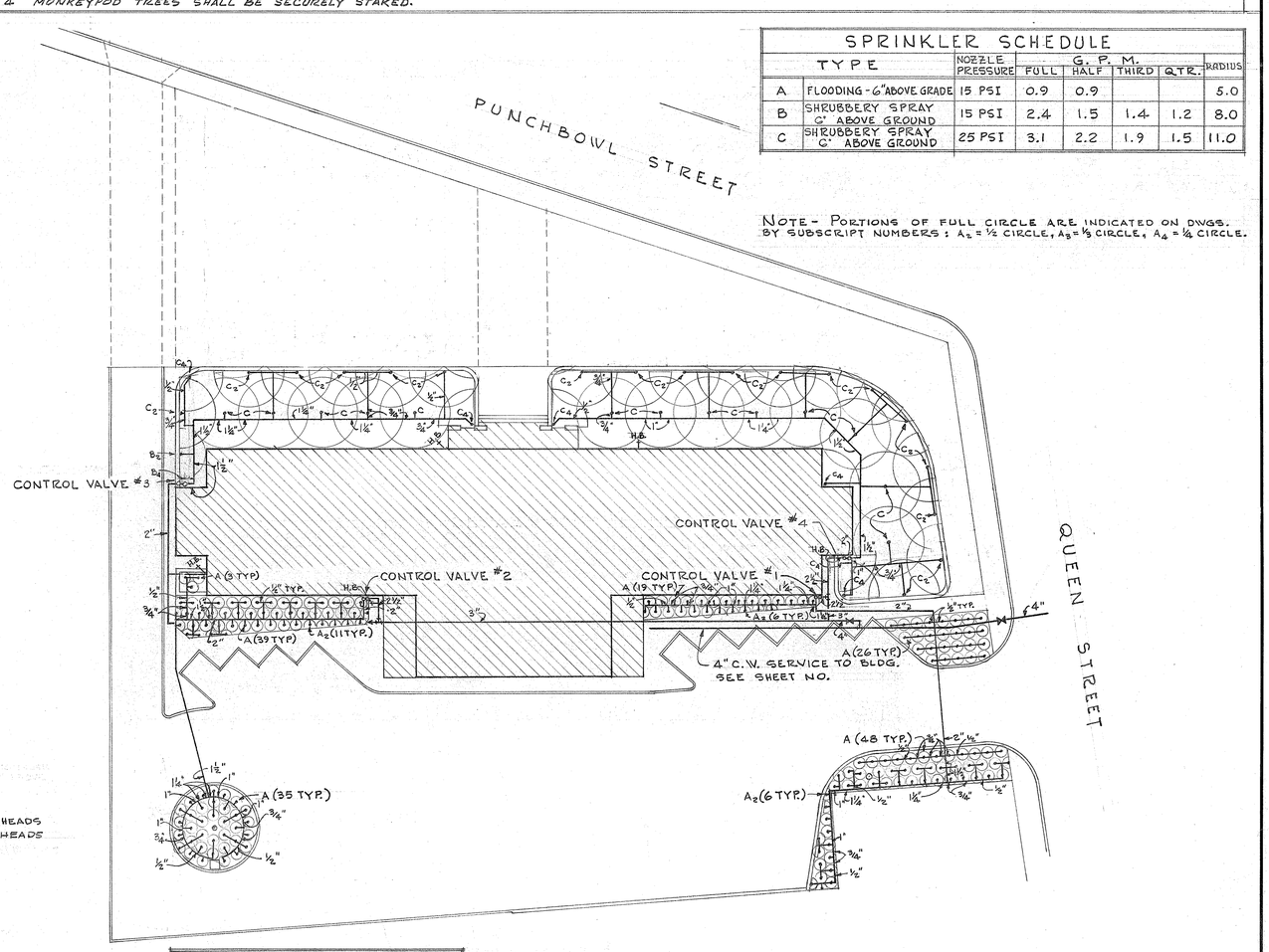
NOTES

1. GOOD TOPSOIL TO BE PLACED 6" DEEP OVER ALL PLANTING AREAS. BACK-FILL ALL PLANTING-POCKETS WITH A MIXTURE OF ONE PART COW MANURE (WELL ROTTED) AND FOUR PARTS TOPSOIL.
2. ALL PLANT MATERIALS TO BE PLANTED 18" FROM BUILDING BASE; THIS INCLUDES THE MOCKORANGE HEDGE.
3. THE COCONUT TREES SHALL BE CAREFULLY SELECTED TO COMPLY WITH THE FOLLOWING STANDARDS: TRUNKS SHALL HAVE A SLIGHT CURVE AND TREES SHALL BE PLACED SO THAT THESE CURVES FACE TOWARD THE DIRECTIONS INDICATED BY THE ARROWS ON THE PLAN. THE TWO TALLEST COCONUTS SHALL BE PLANTED ON EITHER SIDE OF ENTRANCE WALK, AND THE TWO SHORTEST ON THE OUTER ENDS OF THE GROUPS. THE TREES SHALL BE GUYED SECURELY WITH WIRE.
4. MONKEYPOD TREES SHALL BE SECURELY STAKED.

SPRINKLER SCHEDULE

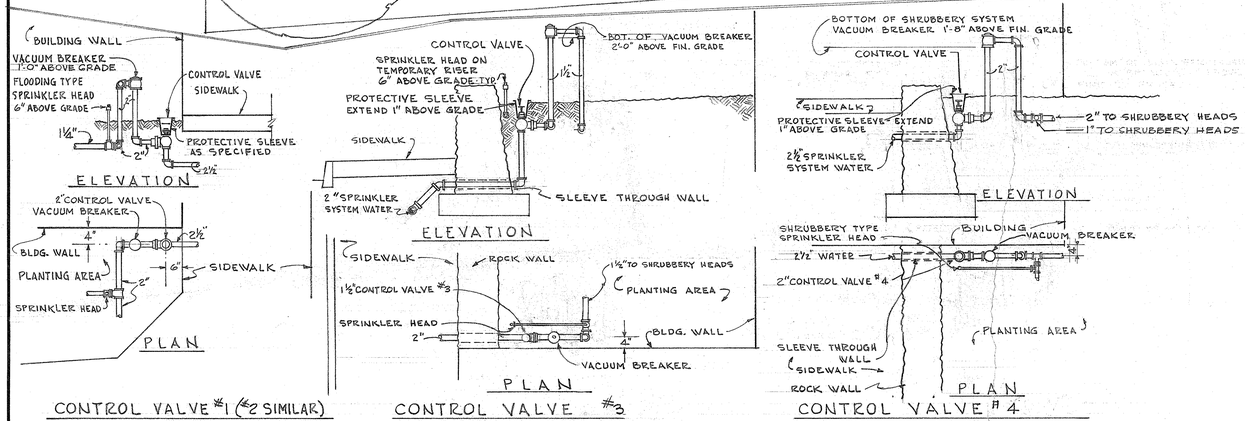
	TYPE	NOZZLE PRESSURE	G.P.M. FULL	G.P.M. HALF	G.P.M. THIRD	G.P.M. QTR.	RADIUS
A	FLOODING - 6" ABOVE GRADE	15 PSI	0.9	0.9			5.0
B	SHRUBBERY SPRAY 6' ABOVE GROUND	15 PSI	2.4	1.5	1.4	1.2	8.0
C	SHRUBBERY SPRAY 6' ABOVE GROUND	25 PSI	3.1	2.2	1.9	1.5	11.0

NOTE - PORTIONS OF FULL CIRCLE ARE INDICATED ON DWGS. BY SUBSCRIPT NUMBERS: A_2 = ½ CIRCLE, A_3 = ⅓ CIRCLE, A_4 = ¼ CIRCLE.



CONTROL VALVE SCHEDULE

NO	HEADS IN CIRCUIT A	A_2	B_2	B_4	C	C_2	C_4	TOTAL HEADS	TOTAL G.P.M.
1	93	12						105	94.5
2	77	11						88	79.2
3			1	1	5	6	2	15	34.4
4					8	12	4	24	57.2
TOTAL HEADS	170	23	1	1	13	18	6	232	
G.P.M. EA.	0.9	0.9	1.5	1.2	3.1	2.2	1.5		
TOTAL G.P.M.	153.0	20.7	1.5	1.2	40.3	39.6	9.0		265.3



CONTROL VALVE #1 (& 2 SIMILAR) — CONTROL VALVE #3 — CONTROL VALVE #4

DETAILS OF SPRINKLER CONTROL VALVE ASSEMBLIES

SCALE ½" = 1'-0"

MANSFIELD P. CLAFLIN
LANDSCAPE ARCH: A.S.L.A.
HONOLULU

TERRITORY OF HAWAII
HIGHWAY DEPARTMENT BUILDING
PUNCHBOWL & QUEEN ST. HONOLULU, T.H.

LANDSCAPING DRAWING

DRAWN BY CLAFLIN/WSTEIGER
SCALE: 1" = 20'
DATE FEB. 28, 1958

LAW & WILSON
ARCHITECTS & ENGINEERS
P. O. BOX 3288 • HONOLULU, T. H.
JOB No. 747-01

JOB NO. 5994-G
SHEET 6
OF 46

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