PROP. WASTEWATER INTERCEPTOR 'B'

STA. 1+10.43 MH C-1
=STA. 43+01.22 W.W. INT 'B'
DEF. < 90°36'02" LT.
E=1034781.37
N=185094.18
MH C-1

STA. 2+98.35 MH C-2
DEF. < 24°06'33" RT.
E=1034626.53
N=185200.65

STA. 4+10.45 MH C-3
DEF. < 22°47'35" RT.
E=1034568.15
N=185296.36

STA. 4+60.45 MH C-4
DEF. < 45°00'00" LT.
E=1034560.69
N=185345.80

STA. 7+45.53 MH C-5
DEF. < 25°25'02" RT.
E=1034331.28
N=185515.03

STA. 9+13.82 MH C-6
DEF. < 13°01'34" RT.
E=1034251.84
N=185663.39

PROP. WASTEWATER INTERCEPTOR 'C'

INSTALL ACCESS ROAD

PUBLIC RIGHT OF WAY

EXIST. ROUTE 38

EXIST. 1445.5 BOX CULVERT

EXIST. 15" W.L.

EXIST. TRENCH GRATE

31" SAND BOX

SB-36

BUILDING WILL BE REMOVED BY OTHERS

20' LONG 36" ROCK BERM

10' LONG, 18" ROCK BERM

100 YEAR FLOOD PLAIN

N31°22'42"W 112.10'

N55°26'15"W 187.92

N55°35'08"W 285.08

N00°35'08"W 50.00

N28°10'05"W 168.29'

APPROXIMATE DIVERTED FLOW PATH

DIVERT FLOW TO ALLOW TRENCH CONSTRUCTION

KEEP THIS ABOVE-GRADE LINE IN SERVICE AT ALL TIMES.

TEMP. CONST. ESMT.

EXIST. ESMT.

EXIST. BLDG.

EXIST. CONC. WALL

RET. 9"GUT APPLE

8"GUT APPLE

10"GUT APPLE

12"GUT APPLE

16"NEEM

14"NEEM

16"MANGO

14"GUT APPLE

24"SHOESHEET

11"MANJACK

16"GUT APPLE

SB-37

SB-38

SB-39

STABILIZED CONSTRUCTION ENTRANCE

EXIST. 15" CMP

EXIST. 12" W.L.

EXIST. 24" CMP

EXIST. 18" RCP

EXIST. 24" SSL

EXIST. 8" SSL

EXIST. 14'x7.5' BOX CULVERT

EXIST. 10' BOX CULVERT

EXIST. 8' BOX CULVERT

EXIST. WATERMAIN

EXIST. 10' W.L.

EXIST. 4" W.L.

EXIST. 6" W.L.

BM - AZUA 104
E=1,034,852.923
N=185,171.529

2-EXIST. 10,000 GAL. TANKS

NOTE NARROWED TEMP. ESMT.

MATCH LINE STA. 11+50.00
(SEE SHT. C1.19)

40' 20' 0 40'
SCALE: 1" = 40' HORIZ.
1" = 4' VERT.

NOTE:
1. TEMPORARY CONSTRUCTION EASEMENT = LIMITS OF CONSTRUCTION.
2. REMOVE EXISTING FENCE WITHIN LIMITS OF TEMPORARY EASEMENT (APPROX 200 FEET). AT COMPLETION OF PIPE INSTALLATION. INSTALL NEW FENCE (APPROX 250 FEET) ALONG PERMANENT EASEMENT LIMIT.
3. RECONSTRUCT CONCRETE LOT. PAYMENT IS PER UNIT PRICE FOR ROAD REPAIR.
4. CONTOURS DO NOT ACCURATELY REFLECT THE LOCATION OF THE FLOW STREAM.
5. APPROXIMATELY 100 FEET OF 24" CMP TO BE INSTALLED IN THIS AREA.

12" W.W. INT. "C"

MATERIAL: PVC, SDR 35

187.92 L.F. 12" INT 'C' @ 1.14%	112.10 L.F. 12" INT 'C' @ 0.40%	50.00 L.F. 12" INT 'C' @ 0.40%	285.08 L.F. 12" INT 'C' @ 1.82%	168.29 L.F. 12" INT 'C' @ 1.25%	236.18 L.F. 12" INT 'C' @ 1.25%	

DROP M.H. 'C-1' W/BOLTED COVER
M.H. 'C-2' W/BOLTED COVER
M.H. 'C-3' W/BOLTED COVER
M.H. 'C-4' W/BOLTED COVER
M.H. 'C-5' W/BOLTED COVER
VENT
M.H. 'C-6' W/BOLTED COVER
NAT. GND.
6.6' DROP
40 LF CONCRETE ENCASEMENT CENTERED OVER GUT CROSSING
4.2' CLEAR

STA. 1+10.43 BEGIN 12" INT 'C'
=STA. 43+01.22 (END 12" INT 'B')
12" INT 'C' INV (IN)=117.83
15" INT 'B' INV (OUT)=111.00
12" TIE-IN 'BB' INV (IN)=111.00
INV=118.05

INV=118.62

INV=119.20

STA. 2+98.35 12" INT 'C'
INV(IN)=119.76
INV(OUT)=119.73
INV=119.76

INV=119.96

STA. 4+10.45 12" INT 'C'
INV(IN)=120.21
INV(OUT)=120.19
INV=120.16

STA. 4+60.45 12" INT 'C'
INV(IN)=120.44
INV(OUT)=120.39
INV=120.36

INV=121.12

INV=122.03

INV=122.95

INV=123.86

INV=124.77

STA. 7+45.53 12" INT 'C'
INV(IN)=126.62
INV(OUT)=125.57
INV=125.66

INV=126.28

INV=126.90

STA. 9+13.82 12" INT 'C'
INV(IN)=127.72
INV(OUT)=127.68
INV=127.53

INV=128.15

INV=128.78

INV=129.40

INV=130.03

STA. 11+20(±) 12" INT 'C'
=EXIST. 11-1/4" W.L. X-ING
INV=130.27
INV=130.65

MATCH LINE STA. 11+50.00
(SEE SHT. C1.19)

1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 10+00 11+00

136 132 128 124 120 116 112 108 104 100

VIC-C118

By	Description	Date	Rev
KUHR	BID SET	12/15/99	D
KUHR	FINAL - NOT SEALED	6/30/97	C
KUHR	90% SUBMITTAL TO CLIENT	5/30/97	B
KUHR	50% SUBMITTAL TO CLIENT	3/14/97	A

Job No. 729451
Designed JCN
Drawn JCN
Checked KUHR
Reviewed
Approved KUHR
Reg. No. 512-TE
Date 6-6-99

Issue Certification

ORIGINAL SEALED BY KENNETH M. KUHR; ON FILE AT PARSONS ENGINEERING SCIENCE AUSTIN, TEXAS

PARSONS ENGINEERING SCIENCE, INC.
AUSTIN, TEXAS
(512) 719-6000

GOVERNMENT OF THE VIRGIN ISLANDS
DEPARTMENT OF PUBLIC WORKS

MANGROVE LAGOON REGIONAL WASTEWATER COLLECTION SYSTEM AND LANDSIDE OCEAN OUTFALL

WASTEWATER INTERCEPTOR 'C' STA. 1+00.00 TO STA. 11+50.00 PLAN & PROFILE

DRAWING NO. C1.18
REV. D