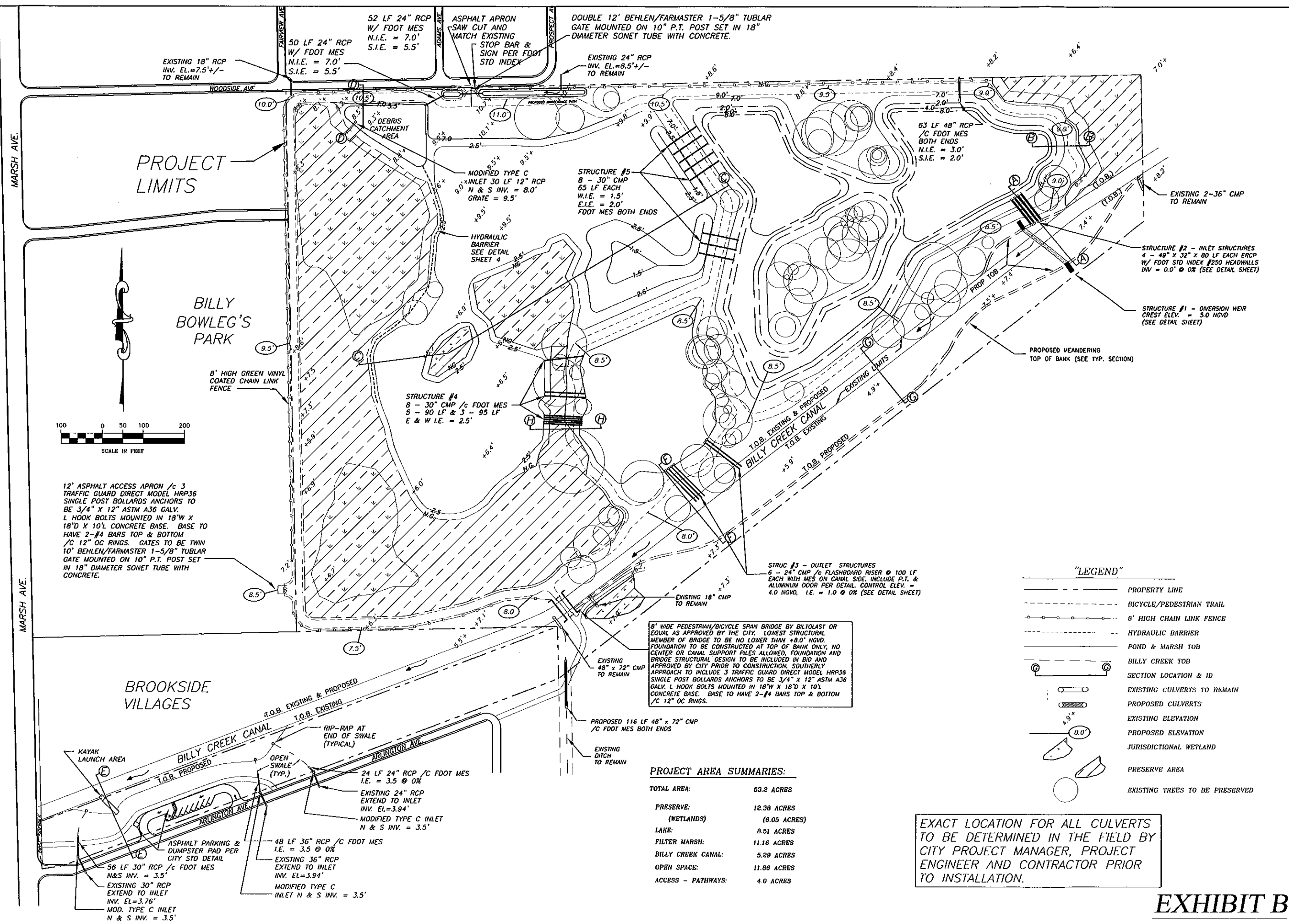




12' ASPHALT ACCESS APRON /C 3 TRAFFIC GUARD DIRECT MODEL HRP36 SINGLE POST BOLLARDS ANCHORS TO BE 3/4" X 12" ASTM A36 GALV. L HOOK BOLTS MOUNTED IN 18"W X 18"D X 10'L CONCRETE BASE. BASE TO HAVE 2-#4 BARS TOP & BOTTOM /C 12" OC RINGS. GATES TO BE TWIN 10' BEHLEN/FARMMASTER 1-5/8" TUBULAR GATE MOUNTED ON 10" P.T. POST SET IN 18" DIAMETER SONET TUBE WITH CONCRETE.

STRUCTURE #4
8 - 30" CMP /C FOOT MES
5 - 90 LF & 3 - 95 LF
E & W I.E. = 2.5'

STRUCTURE #5
8 - 30" CMP
65 LF EACH
W.I.E. = 1.5'
E.I.E. = 2.0'
FOOT MES BOTH ENDS

63 LF 48" RCP
/C FOOT MES
BOTH ENDS
N.I.E. = 3.0'
S.I.E. = 2.0'

STRUCTURE #2 - INLET STRUCTURES
4 - 49" X 32" X 80 LF EACH ERCP
W/ FOOT STD INDEX #250 HEADWALLS
INV = 0.0' @ 0% (SEE DETAIL SHEET)

STRUCTURE #1 - DIVERSION WEIR
CREST ELEV. = 5.0' NGVD
(SEE DETAIL SHEET)

STRUC #3 - OUTLET STRUCTURES
6 - 24" CMP /C FLASHBOARD RISER @ 100 LF
EACH WITH MES ON CANAL SIDE, INCLUDE P.T. &
ALUMINUM DOOR PER DETAIL. CONTROL ELEV. =
4.0' NGVD, I.E. = 1.0' @ 0% (SEE DETAIL SHEET)

8' WIDE PEDESTRIAN/BICYCLE SPAN BRIDGE BY BILTOLAST OR
EQUAL AS APPROVED BY THE CITY. LOWEST STRUCTURAL
MEMBER OF BRIDGE TO BE NO LOWER THAN +8.0' NGVD.
FOUNDATION TO BE CONSTRUCTED AT TOP OF BANK ONLY, NO
CENTER OR CANAL SUPPORT PILES ALLOWED. FOUNDATION AND
BRIDGE STRUCTURAL DESIGN TO BE INCLUDED IN BID AND
APPROVED BY CITY PRIOR TO CONSTRUCTION. SOUTHERLY
APPROACH TO INCLUDE 3 TRAFFIC GUARD DIRECT MODEL HRP36
SINGLE POST BOLLARDS ANCHORS TO BE 3/4" X 12" ASTM A36
GALV. L HOOK BOLTS MOUNTED IN 18"W X 18"D X 10'L
CONCRETE BASE. BASE TO HAVE 2-#4 BARS TOP & BOTTOM
/C 12" OC RINGS.

PROJECT AREA SUMMARIES:

TOTAL AREA:	53.2 ACRES
PRESERVE:	12.38 ACRES
(WETLANDS)	(8.05 ACRES)
LAKE:	8.51 ACRES
FILTER MARSH:	11.16 ACRES
BILLY CREEK CANAL:	5.29 ACRES
OPEN SPACE:	11.86 ACRES
ACCESS - PATHWAYS:	4.0 ACRES

EXACT LOCATION FOR ALL CULVERTS
TO BE DETERMINED IN THE FIELD BY
CITY PROJECT MANAGER, PROJECT
ENGINEER AND CONTRACTOR PRIOR
TO INSTALLATION.

- "LEGEND"
- PROPERTY LINE
 - BICYCLE/PEDESTRIAN TRAIL
 - 8' HIGH CHAIN LINK FENCE
 - HYDRAULIC BARRIER
 - POND & MARSH TOB
 - BILLY CREEK TOB
 - SECTION LOCATION & ID
 - EXISTING CULVERTS TO REMAIN
 - PROPOSED CULVERTS
 - EXISTING ELEVATION
 - PROPOSED ELEVATION
 - JURISDICTIONAL WETLAND
 - PRESERVE AREA
 - EXISTING TREES TO BE PRESERVED

APPROVED:

ECI

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DESIGNED BY: BSV
DRAWN BY: DVS
REVIEWED BY: RME
DATE: 11/28/07
FILE NAME: BILLY CREEK
JOB #:

BILLY CREEK FILTER MARSH PARK
CITY OF FORT MYERS, FLORIDA
SECTION 08, TOWNSHIP 44, RANGE 25 AND SECTION 09, TOWNSHIP 44, RANGE 25
SITE PLAN

SCALE: 1"=100'
SHEET