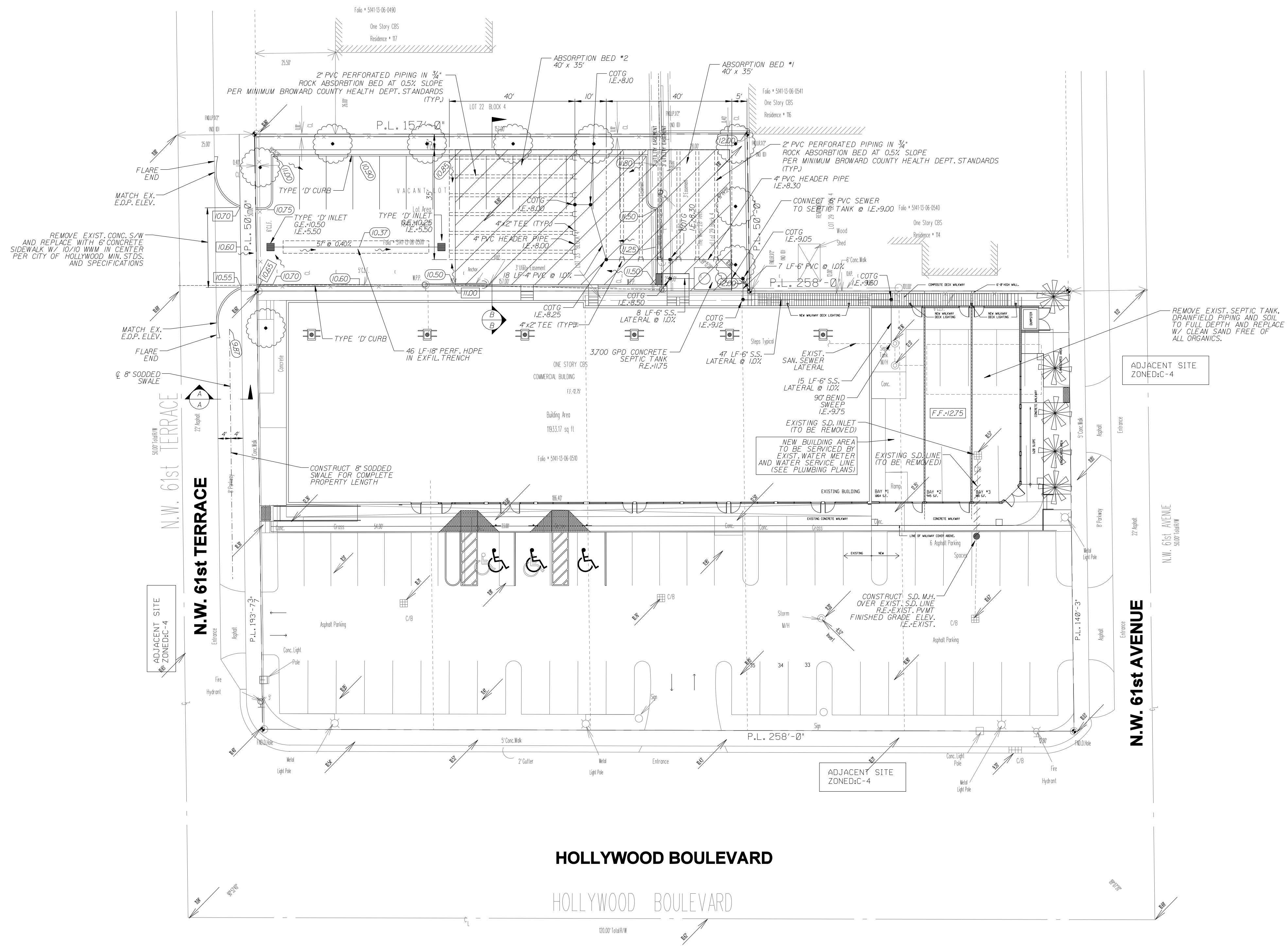
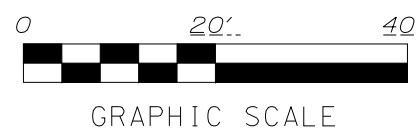
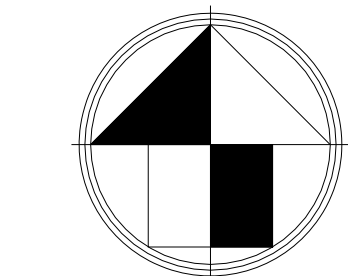




LEGEND

- DIRECTION OF OVERLAND FLOW
- EXISTING INFORMATION
- PROPOSED INFORMATION
- EXISTING GRADE
- PROPOSED FINISHED GRADE
- PROPOSED FINISHED CONC. GRADE

PAVING & DRAINAGE LEGEND

- R.E. RIM ELEVATION
- G.E. GRATE ELEVATION
- I.E. INVERT ELEVATION
- OVERHEAD ELECTRIC
- EXISTING UTILITY POLE
- DIRECTION OF OVERLAND FLOW
- POLLUTION RETARDANT BASIN
- FINISHED FLOOR ELEVATION
- EXISTING OR FUTURE UTILITIES
- STRUCTURE DESIGNATION
- LENGTH, SIZE OF STORM DRAIN
- EXISTING GRADE
- PROPOSED ASPHALT GRADE
- PROPOSED CONCRETE GRADE
- DENOTES CONCRETE SIDEWALK
- DENOTES TYPE 'D' CURB
- DENOTES TYPE 'F' CURB & GUTTER

SEWER LEGEND

- R.E. RIM ELEVATION
- I.E. INVERT ELEVATION
- LENGTH & SLOPE OF PIPE
- DOUBLE SEWER LATERAL
- SINGLE SEWER LATERAL
- EXISTING OR FUTURE UTILITIES
- CLEAN OUT TO GRADE

SEPTIC TANK AND DRAINFIELD CALCULATIONS

EX. COMMERCIAL SF = 11,936 SF
NEW COMMERCIAL SF = 2,990 SF
TOTAL BLDG SF = 14,926 SF

SEWAGE FLOW = 14,926 x 0.15 GPD/SF
SEWAGE FLOW = 2,238 GPD
PER F.A.C. CHAPTER 64.E SEPTIC TANK CAPACITY = 3,700 GALLONS
3,700 GALLON SEPTIC TANK FOR AVG SEWAGE FLOW = 2,501-3,000 GPD
SANDY SOIL FOR SEPTIC TANK TRENCH = 0.80 GAL/SF PER DAY
2,238 GPD / 0.8 = 2,798 SF TRENCH & BED
USE TWO 40' x 35' ABSORPTION BEDS.
EACH ABSORPTION BED = 1,400 SF

TOTAL 2 x 1,400 = 2,800 SF

REVISIONS:

1.	
2.	
3.	
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5.	
6.	
7.	
8.	

CLIENT:

Kaller Architects

2417 Hollywood Boulevard

Hollywood, Florida 33020-6605

(954) 920-5746

PROJECT:

FLORIDA

ADDITION TO BEILE CENTER

HOLLYWOOD

TASK:

CIVIL ENGINEERING PLAN

GGB Engineering, Inc.

CIVIL AND FORENSIC ENGINEERS • LAND PLANNERS

• CONSTRUCTION MANAGERS

FLORIDA REGISTRATION NO. 8118

2699 Stirling Road, Suite C-202

Fort Lauderdale, Florida 33312

Phone: (954) 986-9899

Fax: (954) 986-8655

DATE:

July 2011

SCALE:

1"=30'

DESIGNED BY:

C.G.B.

DRAWN BY:

E.M.

PROJECT NO.

11-0715

SHEET

1

OF

2

GARY G. BLOOM, P.E.

FLA. LIC. NO. 198832

NOT VALID UNLESS SIGNED

AND SEALED BY ENGINEER