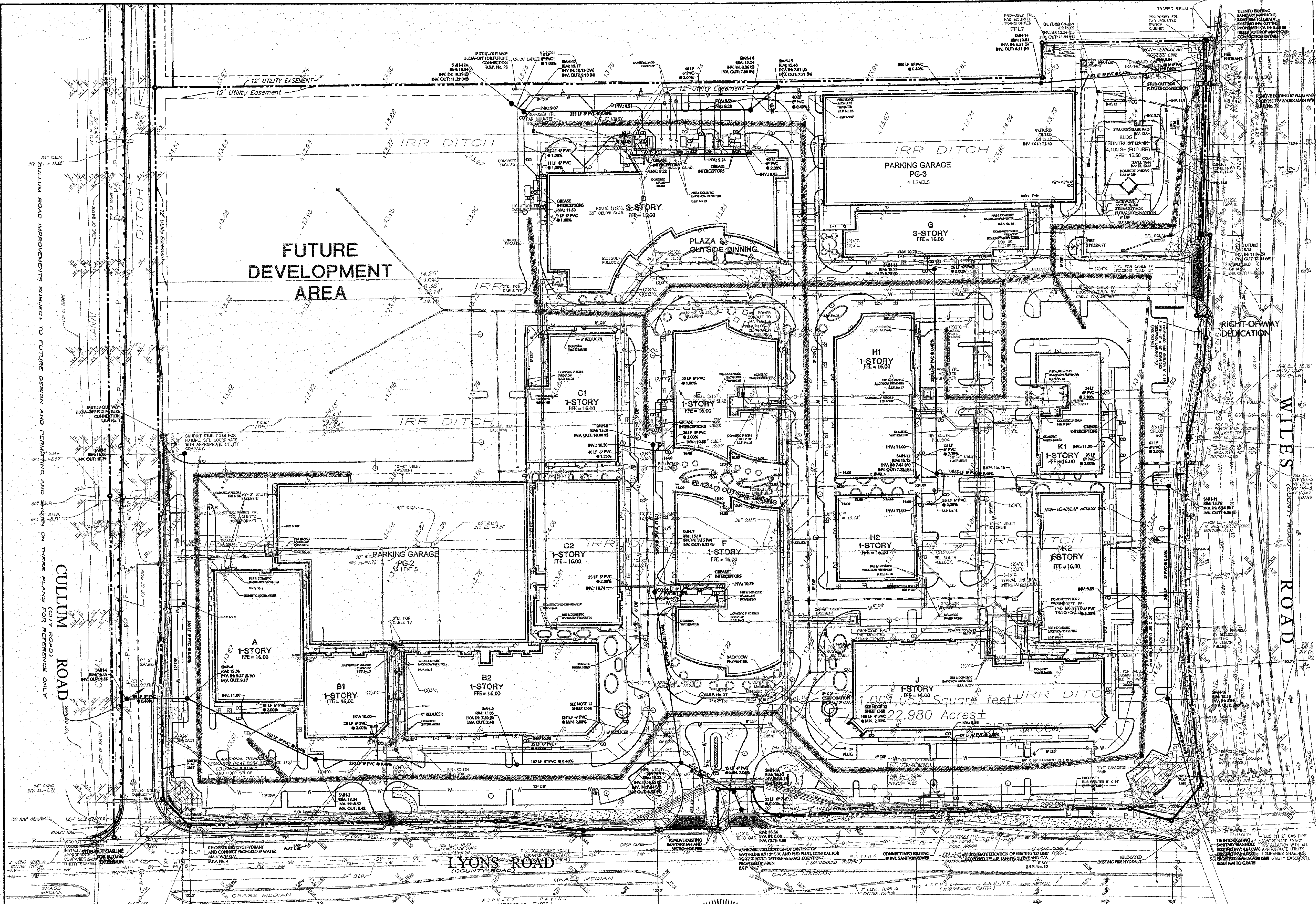




PER SURVEY BY
DAVID & GERHART, INC.

Sanitary Sewer
Min. Pipe Size (Main) 8 IN.
Min. Pipe Size (Building services) 6 IN.
Pipe Material SDR26 PVC

Gasline
Pipe Size 2 IN.
Pipe Material Polyethylene

NOTES:
1. BASEMAP (BOUNDARY AND TOPOGRAPHIC INFORMATION) REFERENCED FROM ELECTRONIC FILE RECEIVED FROM DAVID & GERHART, INC. ON MARCH 08, 2006.
2. INSTALL MINIMUM TWO BOLLARDS BETWEEN BACKFLOW PREVENTER AND LOADING/COMPACTOR LOCATION. REFER TO BOLLARD DETAIL, SHEET C-9.
3. ALL PROPOSED UTILITIES SHALL BE UNDERGROUND EXCEPT FOR ELECTRICAL LINES WITH A RATE LOAD OF 23K OR GREATER, IF ANY EXIST.
4. PROPOSED WATER AND SANITARY SEWER SYSTEMS SHALL BE CONSTRUCTED TO HAVE AT A MINIMUM A 10 FEET HORIZONTAL SEPARATION AND AN 18 INCH VERTICAL SEPARATION.
5. REFER TO DRAWINGS PREPARED BY THE MEP ENGINEER FOR PROPOSED ELECTRIC, TELEPHONE, CABLE AND GAS UTILITY DESIGN.
6. REFER TO ENGINEERING NOTES AND DETAILS SHEETS FOR ADDITIONAL NOTES.
7. ON-SITE WATER MAIN SHALL BE 8-INCH MINIMUM AND ALL WATER SERVICE CONNECTIONS FROM THE ON-SITE WATER MAIN TO THE BUILDINGS SHALL BE 8-INCH MINIMUM. PIPE SIZES SHALL BE CONFIRMED BY THE MEP AND FIRE PROTECTION DESIGNERS PRIOR TO INSTALLATION.
8. CONTRACTOR SHALL NOTIFY ONE CALL OF FLORIDA, AND ANY OTHER UTILITY COMPANIES NOT REPRESENTED BY ONE CALL OF FLORIDA 72 HOURS PRIOR TO CONSTRUCTION FOR LOCATION OF EXISTING UTILITIES. CALL ONE CALL OF FLORIDA AT 1-800-432-4770.
9. 6-INCH FIRE AND 2 INCH DOMESTIC BACKFLOW PREVENTERS SHALL BE INSTALLED ON ALL BUILDING SERVICE LINES WITHIN 5 FEET OF THE BUILDING.
10. ELECTRIC, TELEPHONE & CABLE SHOWN FOR REFERENCE PURPOSES ONLY. CONTRACTOR TO CONSTRUCT THESE FACILITIES BASED ON DELTA G'S DRAWINGS.
11. PIPED CONNECTIONS BETWEEN BACKFLOW PREVENTORS AND FIRE DEPARTMENT CONNECTIONS (FDC) SHALL BE INTERNAL TO THE BUILDING AND PER PLANS PREPARED BY THE MEP/FIRE PROTECTION CONSULTANT.
12. FOUNTAIN DRAIN INVERTS TO BE SET BASED ON FOUNTAIN DESIGN. DRAIN PIPE TO BE CONSTRUCTED WITH A BALL VALVE AND A CLEAN OUT AND INSTALLED ALONG ALIGNMENTS AVOIDING CONFLICTS WITH LANDSCAPE AND HARDSCAPE.
13. GREASE INTERCEPTOR SHOWN ARE 12-FT LONG BY 6-FT WIDE. INTERCEPTOR SIZING IS PER DELTA G (PROJECT MEP). GREASE INTERCEPTORS FOR BUILDING D SHALL BE 1250 GALLON. GREASE INTERCEPTORS FOR BUILDINGS E, F, K1 & K2 PENDING FINAL SIZING BY THE MEP. GREASE INTERCEPTOR SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW TO LANGAN ENGINEERING AND DELTA G.

LEGEND
--- PARCEL "A" BOUNDARY (PLAT LIMIT)
--- BUILDING
--- PROPOSED CURB
--- G --- GAS LINE
--- W --- WATER LINE
--- P --- POWERLINE
--- UTILITY EASEMENT
--- PROPOSED EXFILTRATION TRENCH
--- PROPOSED STDRM SEWER
--- PROPOSED SANITARY SEWER
--- FIRE HYDRANT AND VALVE
--- FIRE DEPARTMENT CONNECTION (FDC)
--- PROPOSED SANITARY MANHOLE
--- PROPOSED CATCH BASIN
--- BACK FLOW PREVENTER
--- DOMESTIC WATER METER

Date	Description	No.
03/07/08	REVISED FOR ADMINISTRATIVE APPROVAL SUBMISSION	13
03/21/08	REVISED FOR ADMINISTRATIVE APPROVAL COMMENTS DATED DECEMBER 11, 2007	11
12/06/07	REVISED FOR ADMINISTRATIVE APPROVAL - BLDG L-BANK	10
11/26/07	REVISED FOR ADMINISTRATIVE APPROVAL - BLDG L-BANK	9
09/27/07	ADDED DRAIN AND SEWER CONNECTION TO FOUNDATIONS	8
09/28/07	REVISED SANITARY SEWER ALIGNMENT AT MAIN ENTRANCE ON LIVING	7
09/19/07	REVISED BASED ON REVIEW COMMENTS AND COORDINATION WITH	6
07/14/07	REVISED FOR JULY 13, 2007 CITY REVIEW COMMENTS	5
06/28/07	REVISED BUILDING L FROM PLAN	4
06/28/07	REVISED FOR ADMINISTRATIVE APPROVAL/NOTIFICATION OF SITE PLAN	3
06/28/07	REVISED PER COUNTY EDP-AND AND CITY REVIEW COMMENTS	2
04/27/07	REVISED FOR COORDINATION WITH ARCHITECT	1

Date _____ Description _____ No. _____

Revisions

ERIC B. SCHWARZ, P.E.
PROFESSIONAL ENGINEER FL LIC. No. 62196

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NEW JERSEY PENNSYLVANIA NEW YORK CONNECTICUT FLORIDA NEVADA
FL Certificate of Authorization No: 00006601

Project: **THE PROMENADE AT COCONUT CREEK**
CITY OF COCONUT CREEK

Drawing Title: **SANITARY SEWER UTILITY PLAN**

Project No. **6110501**
Date: **APRIL 18, 2007**
Scale: **1" = 50'**
Dwn. By: **PK**
Chkd. By: **EB**

Drawing No. **C-5B**
7 Df 25

File name: G:\data\6110501\Cadd Data - 6110501\DWG\6110501 C-5B.dwg Date: 4/29/2010 Time: 14:30 User: ttoiliver Style Table: Langan_OCE.stb Layout: D Size Sheet (Bottom)