HANNOVER FOREST
SECTION ONE
FILM CODE NO. 421077
P.R.H.C.

RESTRICTED RESERVE "D"
FILM CODE NO. 421077
P.R.H.C.

EXIST. UNDEVELOPED ACREAGE

EXIST. UNDEVELOPED ACREAGE

NEW LIFE CHRISTIAN REFORMED CHURCH
CALL 3.5886 ACRES
C.F. NO. L232274
O.P.R.R.P.H.C.

RESTRICTED RESERVE "B"
FOR COMMERCIAL USE ONLY
1.3405 ACRES / 58,392 SQ. FT.

RESTRICTED RESERVE "C"
FOR COMMERCIAL USE ONLY
0.8158 ACRES / 35,536 SQ. FT.

HANNOVER WOODS DRIVE
FILM CODE NO. 421077
P.R.H.C. 421077
R.O.W. VARIES

F.M. 2920
120' ROW
C.F. NO. D052426 &
C.F. NO. D271215
O.P.R.R.P.H.C.
120' R.O.W.

PLAT BOUNDARY

RESERVE LINE

16' EASEMENT AND RIGHT-OF-WAY FOR UTILITIES
C.F. NO. G865172
O.P.R.R.P.H.C.

10' H.L. & P. AERIAL ESMT.
C.F. NO. H564957

16' UTILITY EASEMENT
C.F. NO. G865174

CenterPoint Energy 2"IP JT. PLA GAS LINE

CenterPoint Energy Underground Distribution Line

Ex. 7" CONC. PVMT.

Ex. 12"W/L

Ex. 8"SAN

Ex. 10" F.M.

EX. SAN M.H.

EX. POWER POLE

EX. OVERHEAD LINE

EX. BURIED CABLE

EX. 2-4"G.I.P.

EX. EDGE OF ASPHALT

EX. STM M.H.

EX. 54" STM

20' S.S.E.
C.F. NO. 5016001 &
C.F. NO. 5042001
O.P.R.R.P.H.C.

SEE SHEET C-11 FOR PLAN & PROFILE OF 8" W.L.

1-8" T.S.& V. (12001)
(COORDINATE W/MUD OPERATOR)

1-3"-DOMESTIC WATER TURBINE METER ASSEMBLY
CL OF BOX *12003
(SEE DETAIL ON SHEET C-9)
TOP OF VAULT ELEV. = 4-INCHES ABOVE FINISHED GRADE.

1-3"-DOMESTIC WATER TURBINE METER ASSEMBLY
CL OF BOX *12017
(SEE DETAIL ON SHEET C-9)
TOP OF VAULT ELEV. = 4-INCHES ABOVE FINISHED GRADE.

1-8"-REDUCED PRESSURE BACKFLOW PREVENTER W/STRAINER ON PRECAST CONCRETE PAD
CL OF BOX *12019
(SEE DETAIL ON SHEET C-9)
TOP OF SLAB ELEV. = 4-INCHES ABOVE FINISHED GRADE.

1-3"-REDUCED PRESSURE BACKFLOW PREVENTER W/STRAINER ON PRECAST CONCRETE PAD
CL OF BOX *12020
(SEE DETAIL ON SHEET C-9)
TOP OF SLAB ELEV. = 4-INCHES ABOVE FINISHED GRADE.

1-3"x90° BEND *12004

1-8"x3" TEE *12002

1-8"x11.25° BEND *12007

1-8"x22.5° BEND *12008

1-8"x22.5° BEND *12015

1-8"x22.5° BEND *12014

1-8"x22.5° BEND *12024

1-8"x22.5° BEND *12026

1-8"x22.5° BEND *12031

1-8"x22.5° BEND *12050

1-8"x22.5° BEND *12051

1-8"x22.5° BEND *12049

1-8"x22.5° BEND *12046

1-8"x22.5° BEND *12063

1-8"G.V.& B. *12006

1-8"x8" TEE *12005

1-8"G.V.& B. *12061

1-8"x11.25° BEND *12060

1-8"G.V.& B. *12010

2-8"x22.5° BENDS *12032 *12033

2-8"x22.5° BENDS *12047 *12048

1- F.V. *12025 (4' MIN BURY) 1-8"x6" TEE 1-6" G.V.& B.

1- F.V. *12009 (4' MIN BURY) 1-8"x6" TEE 1-6" G.V.& B.

1- F.V. *12062 (4' MIN BURY) 1-8"x6" TEE 1-6" G.V.& B.

1- F.V. *12064 (4' MIN BURY) 1-8"x6" TEE 1-6" G.V.& B.

2-2" T.S.& V. *12027

2-2" T.S.& V. *12016, *12021

2-2" T.S.& V. *12011

2-2" T.S.& V. *12034

2-2" T.S.& V. *12038, *12041

2-2" T.S.& V. (12052, 12055) 2-3" T.S.& V. (12053, 12054)

SAN M.H. 11007
6" F/L 121.69
8" F/L 121.52

SAN M.H. 11009
6" F/L 120.31 (N,E)
8" F/L 120.14

SAN M.H. 11006
6" F/L 121.50
8" F/L 120.87

SAN M.H. 11008
8" F/L 119.59
8" F/L 119.42

SAN M.H. 11003
8" F/L 118.96
(S,W & E)

SAN M.H. 11005
6" F/L 121.75
8" F/L 120.15

SAN M.H. 11004
6" F/L 119.49
8" F/L 119.32

SAN M.H. 11002
6" F/L 118.54
8" F/L 118.37

SAN M.H. 11001
8" F/L 117.73

EX. SAN M.H.
8" F/L 117.66
CONNECT TO EXIST. BY CORE.
PROP. 8" 117.66

6"SAN.PLUG 11015 F/L 122.02

6"SAN.PLUG 11018 F/L 120.79

6"SAN.PLUG 11017 F/L 120.65

6"SAN.PLUG 11014 F/L 121.87

6"SAN.PLUG 11013 F/L 121.70

6"SAN.PLUG 11016 F/L 120.12

6"SAN.PLUG 11011 F/L 119.78

6"SAN.PLUG 11010 F/L 119.21

6"SAN.PLUG 11012 F/L 122.08

2-6" PIPE ENDS (*12200, *12201)

2-72' 6" IRRIGATION SLEEVES

2-6" PIPE ENDS (*12202, *12203)

2-6" PIPE ENDS (*12210, *12211)

2-72' 6" IRRIGATION SLEEVES

2-6" PIPE ENDS (*12206, *12207)

2-6" PIPE ENDS (*12204, *12205)

2-68' 6" IRRIGATION SLEEVES

2" PLUG DOM (12029)

2" PLUG DOM (12030)

2" PLUG DOM (12013)

2" PLUG DOM (12036)

2" PLUG DOM (12043)

2" PLUG DOM (12044)

2" PLUG DOM (12022)

2" PLUG DOM (12023)

2" PLUG DOM (12060)

2" PLUG DOM (12057)

2" PLUG DOM (12058)

8" W/L

3" W/L IRRIGATION

4" W/L DOMESTIC

1" W/L IRRIGATION

53'-6"SAN. @ .70%

29'-6"SAN. @ .70%

163'-8"SAN. @ .44%

47'-6"SAN. @ .70%

69'-6"SAN. @ .70%

45'-6"SAN. @ .70%

188'-8"SAN. @ .44%

41'-6"SAN. @ .70%

104'-8"SAN. @ .44%

10'-6"SAN. @ .70%

95'-6"SAN. @ .70%

135'-8"SAN. @ .44%

145'-8"SAN. @ .44%

16'-8"SAN. @ .44%

50' BORE SECTION

20'~ STEEL SECTION

EX.STM M.H.

EX.8"STM S.E.

EX.54" STM

EX.12"W/L

THIS PLAN DOES NOT PROVIDE FOR CONDUIT FOR DRY UTILITIES SLEEVES.

CONTROL BENCHMARK

H.C.F.C. DISC STAMPED K120-01 BMP5 ON HEADWALL AT DOWNSTREAM END AT BOX CULVERT AT LOUETTA RD. AND SENGER GULLY
ELEV.-115.83' 1973 ADJUSTMENT.

TBM 1597-17-1
NORTHEAST BOLT ON TOP FLANGE OF FIRE HYDRANT ON SOUTHWEST SIDE OF HANNOVER WOODS DRIVE.
ELEV. 129.44

TBM 1597-17-2
BENCH TIE IS SOUTHWEST FACE OF POWER POLE AT THE NORTHEAST CORNER OF THE WILLOW PARK OFFICE CONDOMINIUM SITE.
ELEV. 128.72

TBM 1597-17-3
BENCH TIE IN WEST FACE OF POWER POLE AT THE SOUTHEAST CORNER OF THE WILLOW PARK OFFICE CONDOMINIUM SITE.
ELEV. 123.40

TBM 1597-18-4 "LL" IN MUELLER ON FIRST FIRE HYDRANT ON NORTH SIDE OF FM 2920 WEST OF HANNOVER WOODS DRIVE.
ELEV. 127.47

N

30 15 0 30 60
SCALE: 1"= 30'

FOR UTILITY CONTROL SEE SHEET C-4

LEGEND

- BACK OF PROP. 6-INCH CONC. CURB
- PROP. STORM SEWER
- PROP. SANITARY SEWER
- PROP. WATER LINE
- EXIST. STORM SEWER
- EXIST. SANITARY SEWER
- EXIST. WATER LINE
- LINE"A" / LINE"B" - SIGNIFIES LINE "A" OVER LINE "B"

NOTE:
1. TIES TO EXISTING SANITARY MANHOLES SHALL BE MADE BY CORE. MECHANICAL SEALS (LINK SEAL OR EQUAL) SHALL ALSO BE REQUIRED.
2. ALL 3" DOMESTIC AND 2" IRRIGATION WATERLINES SHALL HAVE A MINIMUM 4' OF COVER.

Costello, Inc.
Engineering and Surveying
9990 Richmond Avenue, Suite 450
North Building
Houston, Texas 77042
(713) 783-7788 (713) 783-3580, Fax

WILLOW PARK OFFICE CONDOMINIUMS AT FM 2920 HOUSTON, TEXAS

REVISIONS

NO.	DESCRIPTION	DATE

THE STATE OF TEXAS
JOHN PICKENS, JR.
95844
LICENSED
PROFESSIONAL ENGINEER
10-11-2006

DESIGNED BY: DMC
DESIGN CHECKED BY: JDP
DRAWN BY: DMC
COGO CHECKED BY:
SURVEY CHECKED BY:
QA/QC BY:
QA/QC REVISIONS BY:
DATE: JUNE 2006

SCALE
SCALE 1"=30'

CIVIL WATER & SANITARY LAYOUT

SHEET
C-10

JOB NO. 2005061-001

P:\Springnet\Willow Park Condos\LAYOUTS\WATR&SAN.dgn
10/11/2006