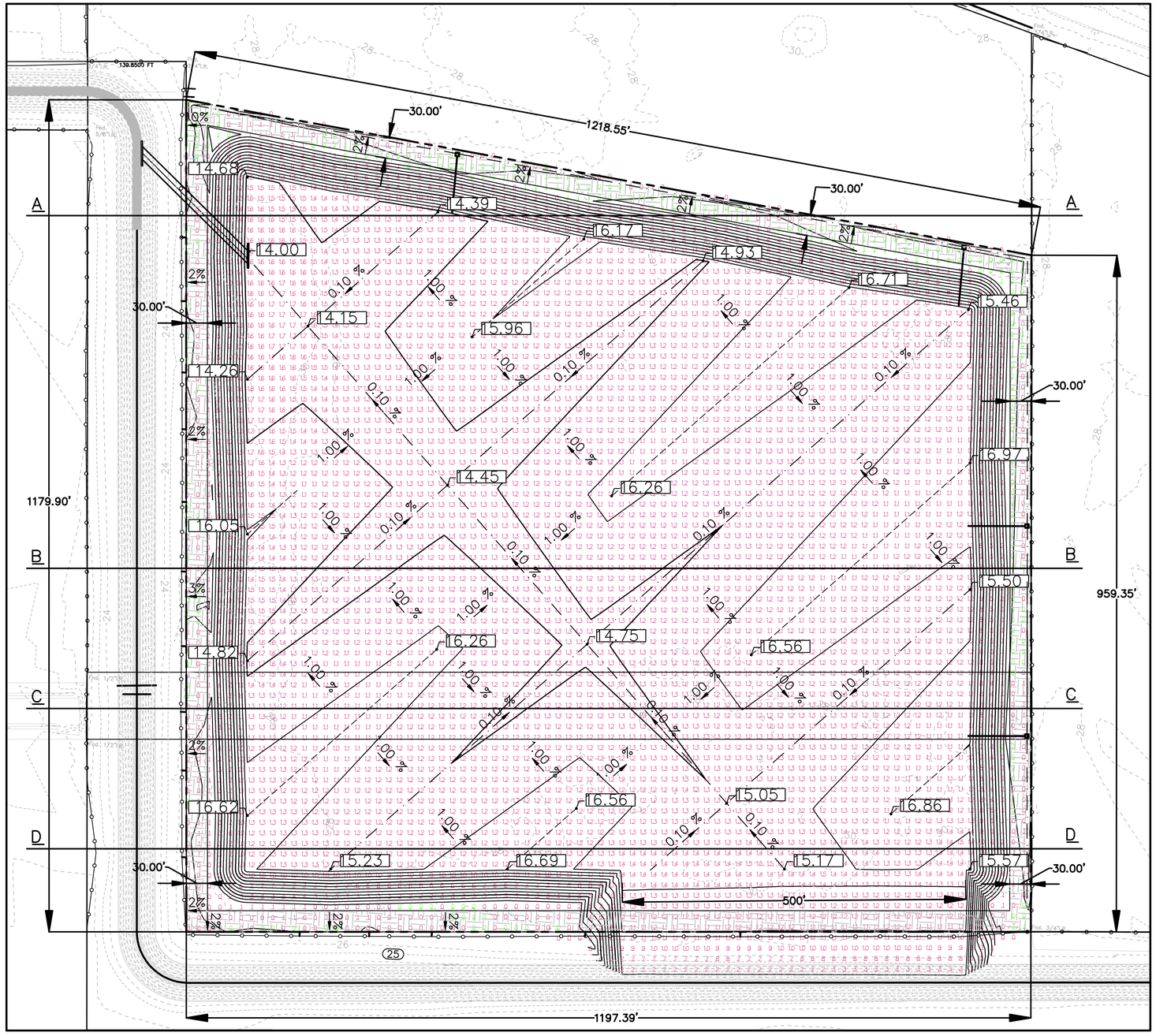
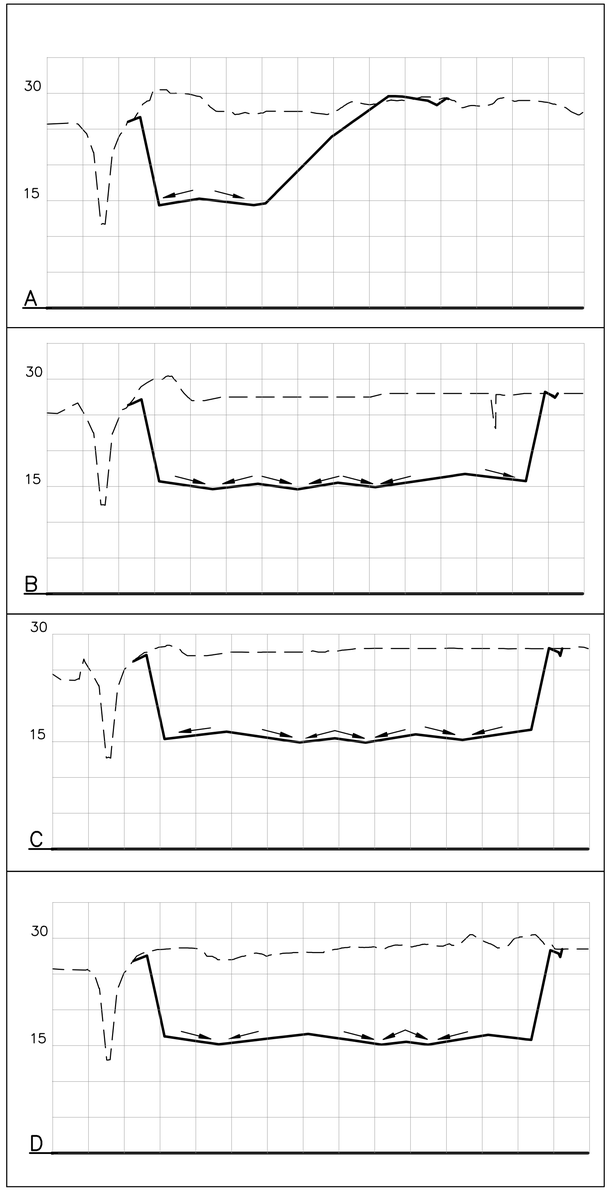
Appendix E

Design Alternatives





GRAPHIC SCALE IN FEET
SCALE: 1" = 500'

LEGEND

- REVISED TSARP 500YR
- EXISTING TSARP 500YR
- EXISTING TSARP 100YR
- PROPOSED STORM DRAIN IMPROVEMENTS

NOTES:

- EARTHWORK QUANTITIES WERE DERIVED FROM LIDAR DATA PROVIDED BY HCFC
-

GRID VOLUME
Cut = 498743 CY
Fill = 672 CY
Net = 498070 CY CUT

NO.	DATE	REVISION / DESCRIPTION		
DESIGN	DRAWN	DATE	SCALE	NOTES
JCK	JCK	12-01-09	AS SHOWN	–

PROJECT INFORMATION
CITY OF DEER PARK
FLOODPLAIN MANAGEMENT
TSARP DRAINAGE SHEED G104
DEER PARK, TEXAS

CLIENT
CITY OF DEER PARK
710 E. SAN AUGUSTINE * P.O. BOX 700
DEER PARK, TEXAS 77536
GARY M. JACKSON
ASSISTANT CITY MANAGER
(281) 478-7270
(281) 478-0394 FAX

Essayon Engineering & Dev., Inc.
1723 E Southlake Blvd.
Suite 120
Southlake, Texas 76092
#F-004684
(972) 790-0081 PHONE
(817) 251-0990 FAX
dmcswain@essayoneng.com

BASE-DETENTION STORAGE BASIN

CITY OF DEER PARK
PATRICK BAYOU-FLOODPLAIN MANAGEMENT
HARRIS COUNTY, TEXAS

SHEET NO.
Option 1
E-1

JOB NO: 00101
DWG NO:

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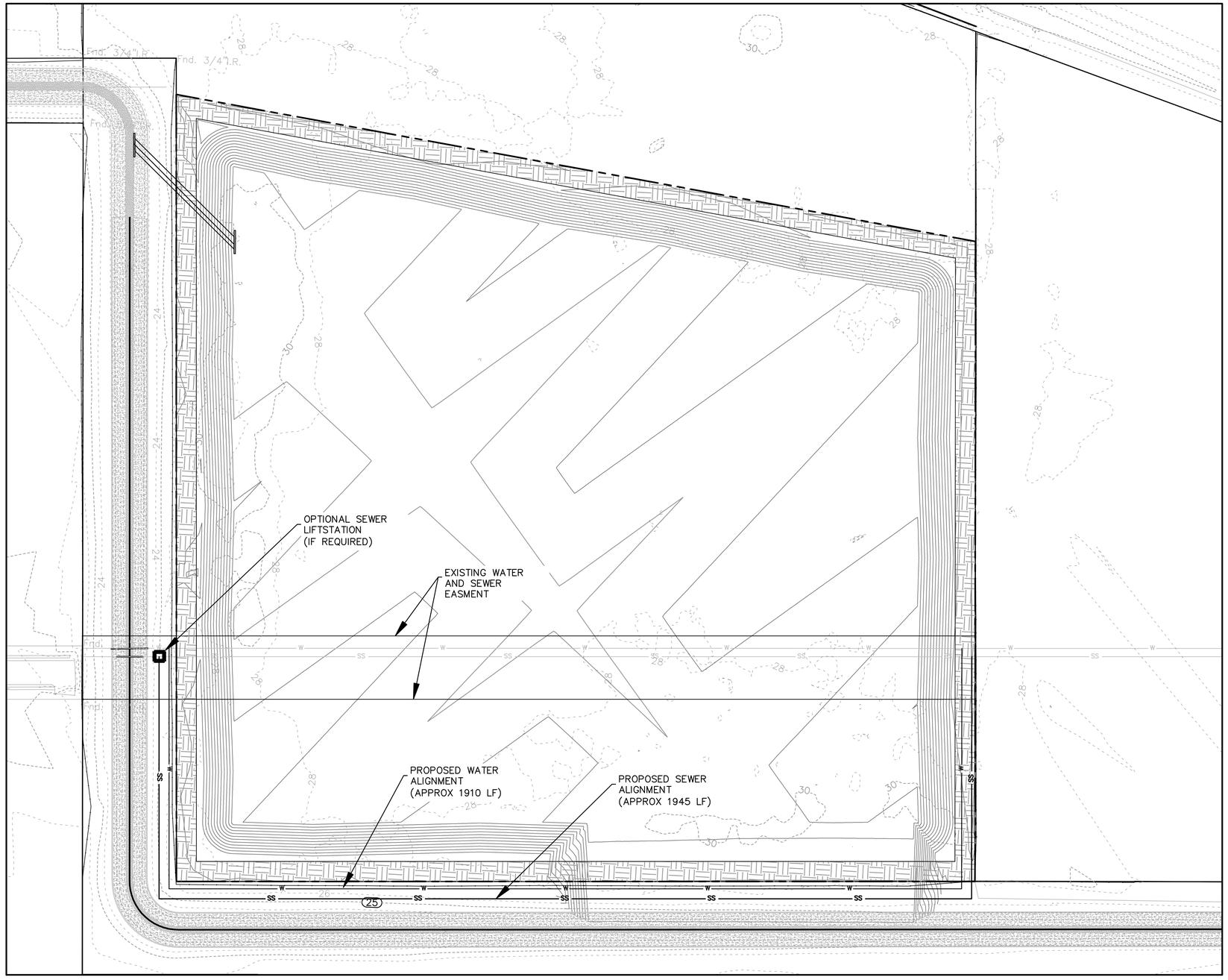

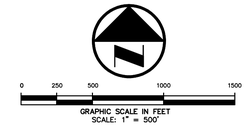

LEGEND

—W—	PROP. WATER
—SS—	PROP. SEWER
■	POSSIBLE LIFTSTATION

NO.	DATE	REVISION / DESCRIPTION		

DESIGN	DRAWN	DATE	SCALE	NOTES
JCK	JCK	12-01-09	AS SHOWN	–

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DEER PARK, TEXAS

CLIENT
CITY OF DEER PARK
710 E. SAN AUGUSTINE * P.O. BOX 700
DEER PARK, TEXAS 77536
GARY M. JACKSON
ASSISTANT CITY MANAGER
(281) 478-7270
(281) 478-0394 FAX

Essayon Engineering & Dev., Inc.
1723 E Southlake Blvd.
Suite 120
Southlake, Texas 76092
#F-004684
(972) 790-0081 PHONE
(817) 251-0990 FAX
dmcswain@essayoneng.com

WATER AND SEWER RELOCATION

CITY OF DEER PARK
PATRICK BAYOU-FLOODPLAIN MANAGEMENT
HARRIS COUNTY, TEXAS

SHEET NO.
Option 1
E-2

JOB NO: 00101

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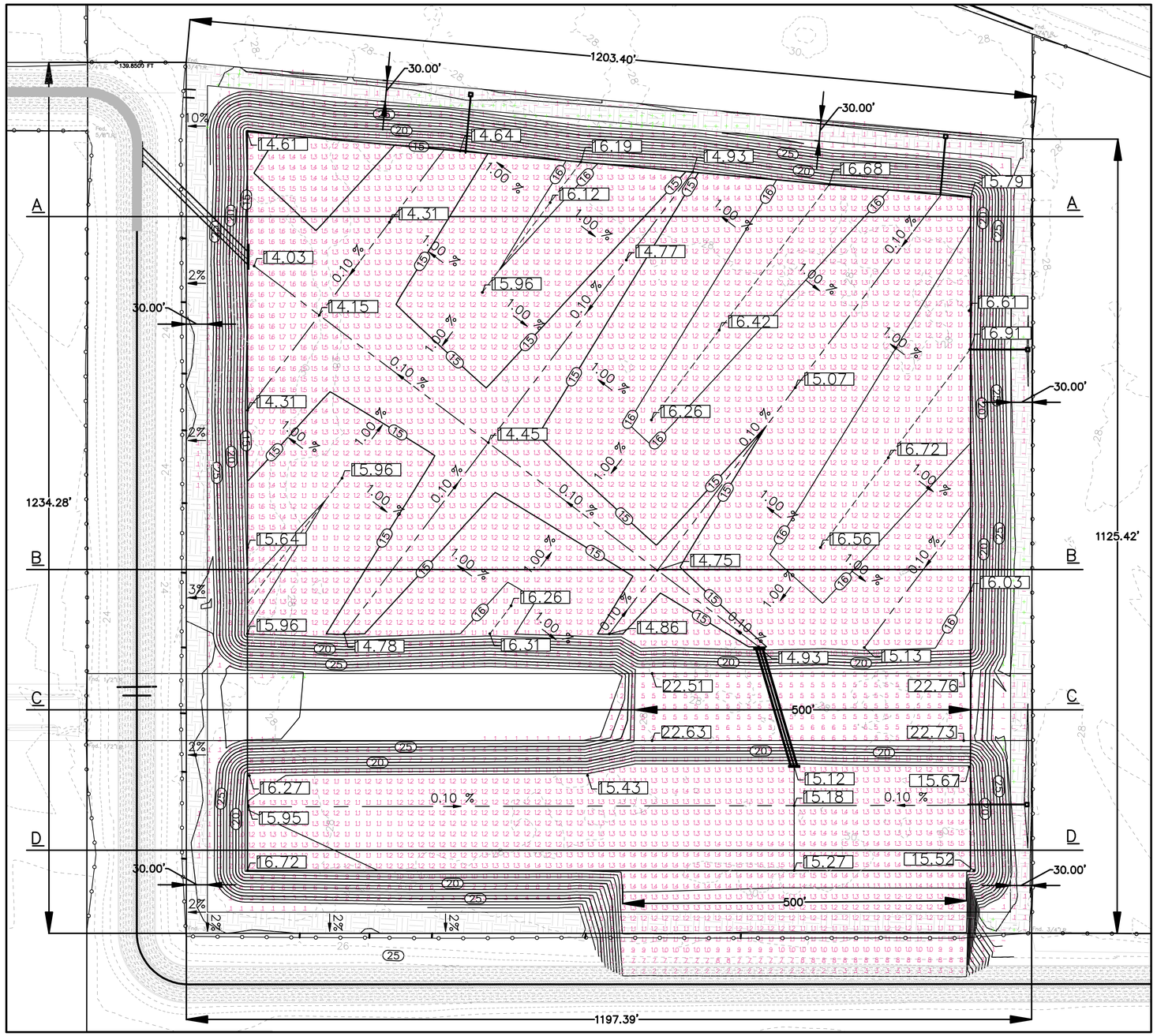

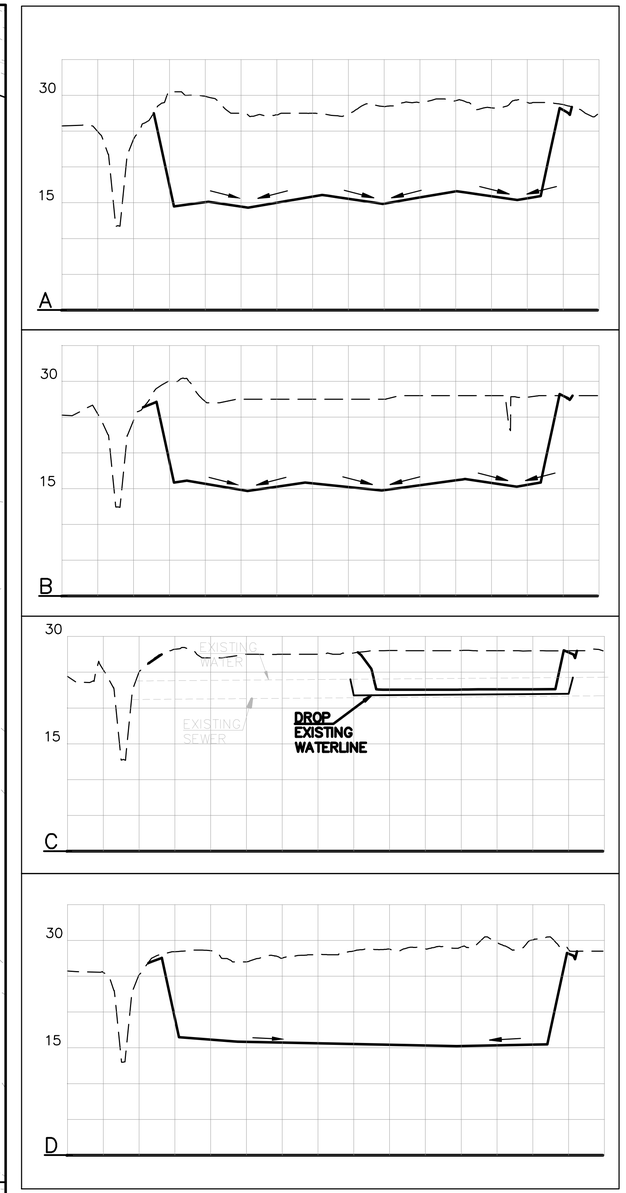

GRAPHIC SCALE IN FEET
SCALE: 1" = 500'

LEGEND

- REVISED TSARP 500YR
- EXISTING TSARP 500YR
- EXISTING TSARP 100YR
- PROPOSED STORM DRAIN IMPROVEMENTS

NOTES:

- EARTHWORK QUANTITIES WERE DERIVED FROM LIDAR DATA PROVIDED BY HCFC
-

GRID VOLUME
Cut = 506093 CY
Fill = 757 CY
Net = 505336 CY CUT

NO.	DATE	REVISION / DESCRIPTION		
DESIGN	DRAWN	DATE	SCALE	NOTES
JCK	JCK	12-01-09	AS SHOWN	–

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GARY M. JACKSON
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Essayon Engineering & Dev., Inc.
1723 E Southlake Blvd.
Suite 120
Southlake, Texas 76092
#F-004654
(972) 790-0081 PHONE
(817) 251-0990 FAX
dmcswain@essayoneng.com

ALTERNATIVE-DETENTION STORAGE BASIN

CITY OF DEER PARK
PATRICK BAYOU-FLOODPLAIN MANAGEMENT
HARRIS COUNTY, TEXAS

SHEET NO.
Option 2
E-3

JOB NO: 00101
DWG NO:

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