EXISTING UTILITY LOCATIONS SHOWN ARE SCHEMATIC IN NATURE AND MAY NOT ACCURATELY REFLECT THE SIZE AND LOCATION OF EACH PARTICULAR UTILITY. SOME UTILITY LINES MAY NOT BE SHOWN. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ACTUAL FIELD LOCATION AND PROTECTION OF ALL EXISTING UTILITIES WHETHER SHOWN OR NOT. CONTRACTOR SHALL ALSO ASSUME RESPONSIBILITY FOR REPAIRS TO EXISTING UTILITIES, WHETHER SHOWN OR NOT, DAMAGED BY CONTRACTOR'S ACTIVITIES. DIFFERENCES IN HORIZONTAL OR VERTICAL LOCATION OF EXISTING UTILITIES SHALL NOT BE A BASIS FOR ADDITIONAL COMPENSATION. CALL TEXAS811 TWO WORKING DAYS PRIOR TO CONSTRUCTION FOR ONSITE LOCATIONS.

MATCH MARK 10+00
SEE SHEET C4.04

10+00

42.5 LF BOTOC

APPROXIMATE LIMITS OF BORE PITS

PISTA 10+42.52 ~
WATER LINE A
END B.O.T.O.C.
INSTALL:
4" PVC 45° HORIZ. BEND
N=7031924.82
E=2474855.16

PISTA 10+45.52 ~
WATER LINE A
INSTALL:
4" PVC 45° HORIZ. BEND
N=7031923.10
E=2474852.70

PISTA 10+48.52~
WATER LINE A
INSTALL:
4" PVC 22.5° HORIZ. BEND
N=7031923.62
E=2474849.75

INSTALL 43 LF 4" HDPE WATER PIPE
AWWA C906 (DR 11)/ ASTM F714
By Other Than Open Cut

SEE DETAIL THIS SHEET

11+00

PISTA 11+09.71~
WATER LINE A
INSTALL:
4" PVC 45° HORIZ. BEND
N=7031956.45
E=2474798.12

PISTA 11+12.71 ~
WATER LINE A
DISCHARGE POINT

CAUTION !!!
EXISTING UNDERGROUND ELECTRIC WITHIN PROJECT AREA. CONTRACTOR TO VERIFY EXACT LOCATION AND DEPTH PRIOR TO CONSTRUCTION.

INSTALL 39 LF 4" PVC WATER PIPE
AWWA C900 (DR 18)/ ASTM F477
Class "B+" Embedment
18" Minimum Cover

Trash Can
conc. sidewalk
Retaining Wall
Board walk / Outfall
Hand rail
4"WV
18"
8"
12

N

HORIZONTAL SCALE
0 5 10 15 20
SCALE: 1"=10'

VERTICAL SCALE
0 1.25 2.5 3.75 5
SCALE: 1"= 2.5'

INSTALL SCREEN ON 45° BEND
SS STRAP
4" D.I. PIPE
FIELD STONE
EX. WATER BASIN WALL

WALL ELEVATION
N.T.S.

SS STRAP
PROP. 45° D.I. BEND
PROP. 45° D.I. BEND
CONCRETE COLLAR
INSTALL SCREEN
WSEL= 601.50 +/-
EX. WATER BASIN WALL

PROFILE DETAIL
N.T.S.

MATCH MARK 10+00
SEE SHEET C4.04

PROP. 4" WATER LINE A
TOP OF PIPE= 595.71

STA 10+42.52 WATER LINE A
ΔH= 45°00'00.00" RT
STA 10+45.52 WATER LINE A
ΔV= 45°00'00.00" UP
STA 10+48.52 WATER LINE A
ΔH= 45°00'00.00" RT
STA 10+51.49 WATER LINE A
ΔV= 45°00'00.00" DOWN
EX. UGE (ILLUMINATION)

STA 10+75.20 WATER LINE A
EX. IRRIGATION LINE

STA 11+05.87 WATER LINE A
START D.I. PIPE
STA 11+09.71 WATER LINE A
ΔV= 45°00'00.00" UP
STA 11+12.71 WATER LINE A
ΔH= 45°00'00.00" RT
ΔV= 45°00'00.00" DOWN
DISCHARGE POINT

EX. CONCRETE SIDEWALK
EX. GROUND AT PIPE CENTERLINE
EX. RETAINING WALL
FL= UNK
ENCASEMENT LIMITS
STA 10+54.08
STA 10+61.08
STA 10+94.46
STA 11+01.46
SEE BORING DETAIL SHEET C9.02
PROP. 4" WATER LINE A TOP OF PIPE= 595.25

INSTALL 7 LF 4" DUCTILE IRON PIPE BY OPEN CUT CLASS "B+" EMBEDMENT

INSTALL 43 LF 4" HDPE WATER PIPE
AWWA C906 (DR 11)/ ASTM F714
BY OTHER THAN OPEN CUT

INSTALL 62 LF 4" PVC WATER PIPE
AWWA C900 (DR 18)/ ASTM F477
BY OPEN CUT CLASS "B+" EMBEDMENT

605 600 595 590 585

10+00 10+50 11+00

LES LACS POND
WATER WELL TRANSFER PIPING SYSTEM IMPROVEMENTS

TOWN OF ADDISON
DALLAS COUNTY, TEXAS

ADDISON

HALFF
12225 GREENVILLE AVE. SUITE 300
DALLAS, TEXAS 75243
TEL (214) 522-2272
FAX (214) 522-2273
TBPE FIRM #F-312

Revision No.	Date	Description

STATE OF TEXAS
TIMOTHY E. LACKEY
61212
LICENSED
PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Timothy E. Lackey, PE #61212 on 01-26-16. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act. The record copy of this drawing is on file at the offices of Huff Associates, Inc. 12225 Greenville Avenue, Suite 200, Dallas, Texas 75243, TBPE FIRM #F-312.

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Issued:	1/26/2016
Drawn By:	HALFF
Checked By:	HALFF
Scale:	AS SHOWN

Sheet Title
WATER LINE A
PLAN & PROFILE

C4.05
Sheet Number