CAUTION!!
EXIST. GAS MAIN IN AREA
CONTACT TEXAS ONE CALL
1-800-245-4545
48 HOURS PRIOR TO
CONSTRUCTION

SAWCUT, REMOVE & RESTORE ASPHALT PAVEMENT

INSTALL:
1-16"x8" TAPPING SLEEVE AND VALVE/BOX

CONNECT TO EX. 4" GAS
INSTALL: 1-SVC TAP

APPROX. LOCATION EX. 4" GAS LINE

50 LF UNDERCROSSING
BY OTHER THAN OPEN CUT.
DESIGN AND INSTALLATION
BY GAS FRANCHISE PROVIDER.

CONNECT TO
EXIST. MH
RIM= 637.34
FL(OUT)= 629.20(N)
FL(IN)= 629.30(S)

SAWCUT, REMOVE & RESTORE
CONCRETE PAVEMENT

LINE 'SS-A'

INSTALL:
1-16"x8" TEE
1-16" GATE VALVE/BOX
1-8" VALVE/BOX

KELLER SPRINGS ROAD

60 LF 10" SS LAT. AT 2.0%
W/DBL. CLEANOUT

35 LF UNDERCROSSING
BY OTHER THAN OPEN CUT
(EXIST. ASPHALT PVMT.)

SAWCUT, REMOVE & RESTORE
ASPHALT PAVEMENT

FL=630.50

INSTALL:
1-2" IRR. SERVICE
1-2" METER
1-DOUBLE CHECK VALVE
ASSEMBLY

2" GAS SERVICE

GAS METER

1" GAS SERVICE (PER MEP PLANS)

INSTALL:
1-8"x6" ANCHORING F.H. TEE
1-6" GATE VALVE/BOX
1-6" 45° BEND
20 LF 6" WATER
1-F.H. CONCRETE BLOCKING

LINE 'SS-B'

50 LF UNDERCROSSING
BY OTHER THAN OPEN CUT

CONNECT TO
EXIST. MH
RIM= 639.46
FL(OUT)= 626.91(N)
FL(IN)= 627.01(E)

INSTALL 8" WATER

FL=632.12

INSTALL:
1-2" IRR. SERVICE
1-2" METER
1-DOUBLE CHECK VALVE
ASSEMBLY

146 LF 10" SS LAT. AT 3.5%
W/DBL. CLEANOUT

INSTALL:
1-6" DOMESTIC WATER SERVICE
INCLUDING BYPASS INSIDE VAULT
1-8"x6" TEE
1-6" GATE VALVE/BOX
CONNCRETE BLOCKING
1-8" GATE VALVE/BOX
1-6" HERSEY MVR 350 TURBINE METER
WITH PITPAK
1-PRE-CAST BOX
SEE DETAIL SHEET C21

INSTALL:
1-8"x6" ANCHORING F.H. TEE
1-6" GATE VALVE/BOX
24 LF 6" WATER
1-FIRE HYDRANT CONC. BLOCKING

INSTALL:
1-8"x6" TEE
1-6" GATE VALVE/BOX
7.5 LF 6" WATER
1-FIRE HYDRANT CONC. BLOCKING

INSTALL 8" WATER

INSTALL:
1-8" 45° BEND

INSTALL:
1-8" 45° BEND

INSTALL:
1-8"x6" ANCHORING F.H. TEE
1-6" GATE VALVE/BOX
25.5 LF 6" WATER
1-FIRE HYDRANT CONC. BLOCKING
1-8" GATE VALVE/BOX

INSTALL:
1-8" FIRE SERVICE INCLUDING BYPASS INSIDE VAULT
1-8"x8" TEE
2-8" GATE VALVE/BOX
CONCRETE BLOCKING
1-8" DOUBLE CHECK DETECTOR ASSEMBLY
1-PRE-CAST-BOX
SEE DETAIL SHEET C21

INSTALL:
1-8"x6" ANCHORING F.H. TEE
1-6" GATE VALVE/BOX
23.5 LF 6" WATER
1-FIRE HYDRANT
CONC. BLOCKING

INSTALL:
1-8" 45° BEND

INSTALL:
1-8" 90° BEND

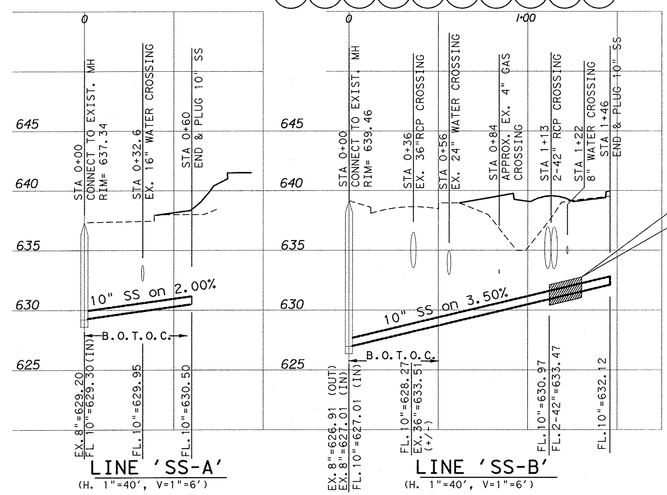
INSTALL:
1-8"x6" ANCHORING F.H. TEE
1-6" GATE VALVE/BOX
27 LF 6" WATER
1-F.H. CONCRETE BLOCKING
1-8" VALVE/BLOCK

INSTALL:
1-8" 45° BEND

CENTER ONE JOINT OF WATER
LINE OVER SANITARY SEWER
CROSSING

ADDISON ROAD

INSTALL 18 LF CEMENT
STABILIZED SAND (10% PER CY)



BENCH MARKS:

BM5
SQUARE CUT ON INLET, SOUTHWEST CORNER OF RATLIFF LANE AND ADDISON ROAD.

ELEVATION 637.20

BM8
SQUARE CUT ON INLET, SOUTHWEST CORNER OF AIRPORT PKWY. AND QUORUM DRIVE.

ELEVATION 631.15

BM1
BRASS DISK FOUND AT NORTHWEST CORNER OF INLET, SOUTHWEST CORNER OF KELLER SPRINGS AND ADDISON ROAD.

ELEVATION 638.91

3 ADDED FIRE HYDRANT 10/5/11

SCALE IN FEET 0 20 40 60 80

Kimley-Horn and Associates, Inc.
2700 Post Oak Blvd., Suite 1600
Houston, TX 77056-5810 972-770-1300
Texas Reg. No. 928

No.	Revision	Date
1	REVISED WATER SERVICE AND FIRE SERVICE NOTES	8/26/11
2	RELOCATED FIRE HYDRANTS PER TOWN & REVISED LINE SS-B	9/14/11

STATE OF TEXAS
DAVID E. MEYERS
81512
REGISTERED PROFESSIONAL ENGINEER
10-11-11

Keller Springs Lofts
Loft Apartments in Addison
Town of Addison, Texas

WATER AND WASTEWATER PLAN - PROFILE

DATE: OCTOBER 11, 2011
DESIGN: KHA
DRAWN: KHA
CHECKED: KHA
KHA NO.: 064362003
CITY NO.:

SHEET
C10