



COASTAL WATER AUTHORITY

1801 Main Street, Suite 800
Houston, Texas 77002

Phone: 713-658-9020
Fax: 713-658-9429

December 20, 2017

Kyle Kraus
LJA Engineering
2929 Briarpark Drive Suite 600
Houston, Texas 77042

**RE: Proposed 6-inch force Main w/ 12-inch PVC Conduit
Proposed 16-inch Waterline w/ 24-inch PVC Conduit
West Canal Right-of-Way
Harris County, TX
CWA FILE NO.: 2017-27
Drawings: See Attached**

Dear Mr. Kraus:

Upon reviewing the request for pipeline installation within the City of Houston easement as documented in the above referenced drawings, Coastal Water Authority (CWA) has determined that the proposed crossing does not interfere with CWA's continued operation and maintenance of the property for the purpose of raw water distribution. CWA has no objection to the installation with the following conditions:

Prior to and during Construction:

- a. New Forest Town Center agrees to conduct all operations in a careful, diligent and workmanlike manner, and in strict compliance with all laws, regulations, and orders of duly constituted authorities and industry guidelines.
- b. New Forest Town Center will not store any materials, spoil or equipment on or above any City of Houston owned raw water distribution facilities.
- c. New Forest Town Center agrees to compensate CWA for all damages over and above normal wear and tear which may have occurred as a result of New Forest Town Center's construction over & adjacent to the City of Houston's West Canal.
- d. New Forest Town Center shall in no way hinder the access of CWA or its designees to perform required maintenance or operations within the easement.
- e. New Forest Town Center will assign a qualified inspector to be on-site at all times during construction operations adjacent to or within CWA property. The New Forest Town Center inspector shall order the cessation of work when so requested by CWA's field inspector.
- f. New Forest Town Center will contact CWA's representative Mr. Pat Giordano (713-252-2316), or a designated substitute to be contacted a minimum of 48 hours in advance of the

start of any construction activity and keep the CWA representative advised at all times when working adjacent to or within CWA's infrastructure.

Please contact Greg Olinger at (713-800-6262) should you have any questions or need additional information.

Sincerely,



John J. Baldwin
Chief Financial Officer

cc: Pat Giordano (CWA)
William E. (Bill) Schlafer, P.E. (LAN)
CWA File No.: 2017-27

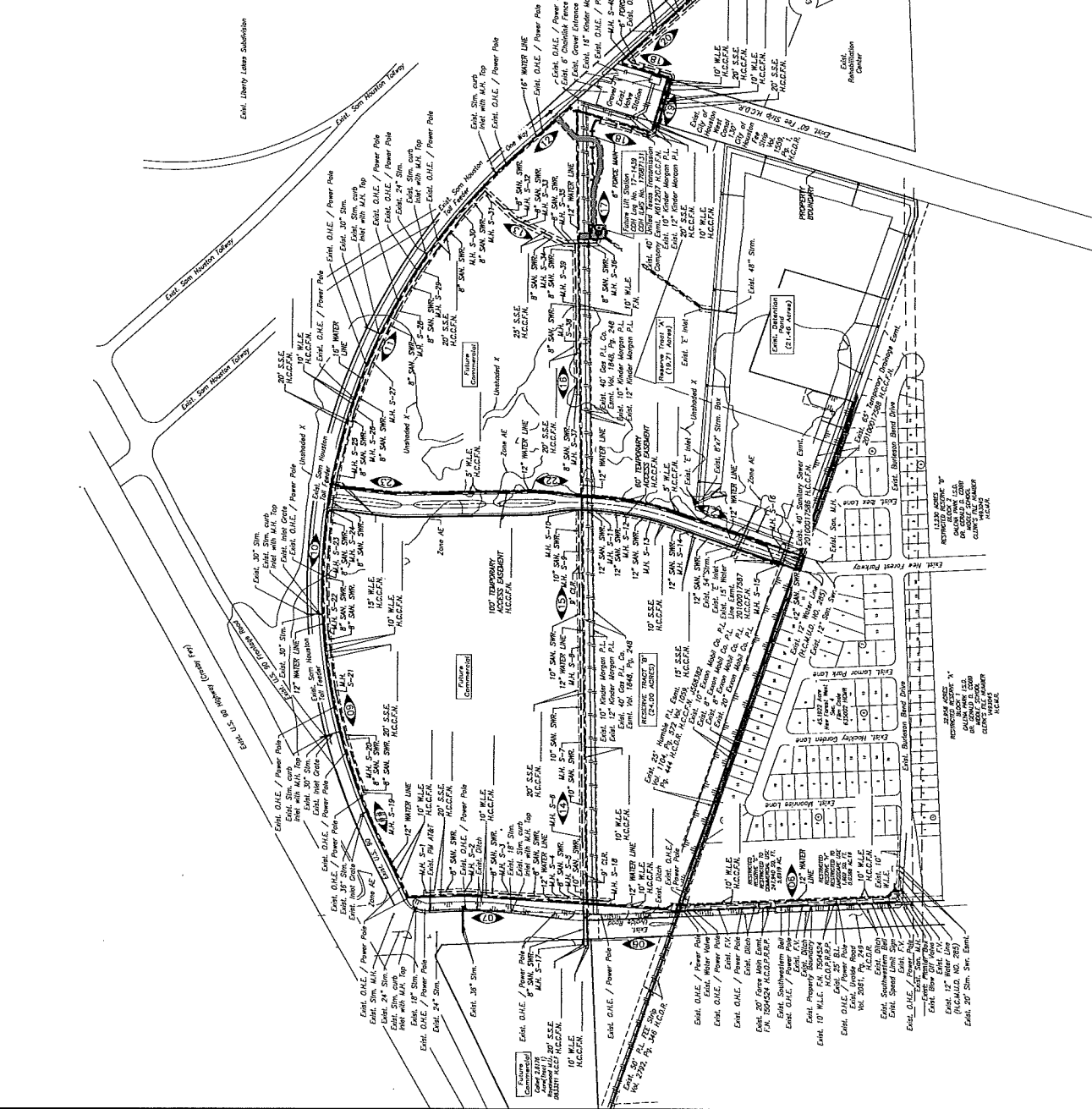
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LEGEND

- PROPOSED WATER LINE AND GATE VALVE AND BOX
- PROPOSED WATER LINE W/BRIDGES
- PROPOSED WATER LINE W/TIE
- PROPOSED WATER LINE W/TIE
- A. LINE SIZE & 6" TIE
- B. GATE VALVE AND BOX
- C. FIRE HYDRANT
- 2" BLOW-OFF ASSEMBLY W/PLUG AND CLAMP
- EXISTING WATER LINE SYSTEM
- PROPOSED SANITARY SEWER AND MANHOLE
- EXISTING SANITARY SEWER AND MANHOLE
- SHEET REFERENCE NUMBER
- WATER LINE ELEVATION
- SANITARY SEWER ELEVATION
- EXISTING PIPELINES
- EXISTING OVERHEAD ELECTRIC
- EXISTING STORM SEWER AND INLET

CAUTION NOTE: EXISTING SANITARY SEWER CONSTRUCTION SHALL BE COMPLETED PRIOR TO THE START OF WATER LINE CONSTRUCTION. LAST 72 HOURS BEFORE START OF CONSTRUCTION.

CAUTION NOTE: EXISTING WATER LINE CONSTRUCTION SHALL BE COMPLETED PRIOR TO THE START OF SANITARY SEWER CONSTRUCTION. LAST 72 HOURS BEFORE START OF CONSTRUCTION.



EXISTING INFORMATION:

- A. MAXIMUM OPERATING PRESSURE (BASED ON PUMP SHUT OFF HEAD)
- B. PIPES SHALL BE 150' LONG
- C. JOINTS SHALL BE RUBBER GASKET JOINTS, PUSH-ON
- D. WALL THICKNESS SHALL BE 1/2\"/>

PROJECT NO. 1501

DATE: 04-26

SCALE: 1"=20'

DRAWING SCALE

FILE NO.

TITLE

PROJECT

DATE

DESIGNED BY

CHECKED BY

APPROVED BY

DATE

NEW FOREST TOWN CENTER - JOB NO. 2164-1501 (WS&D)

NEW FOREST TOWN CENTER

WATER & SANITARY OVERALL LAYOUT

H.C.M.U.D. NO. 285

C.O.H. LOG NO. 17-0287

DATE

REVISION

BY

DATE

LJA Engineering, Inc.

2008 Broadway Drive

San Antonio, TX 78203

Phone 781.333.3333

Fax 781.333.3333

WWW.LJA-ENGINEERING.COM

PROJECT NUMBER: 2164-1501

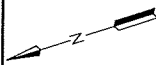
DATE: 04-26

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

APPROVED BY: [Signature]

DATE: 04-26



M.H. RUM
AND

HL

WATER

40
36
32
28
24
20
16
12
8
4
0

[illegible][illegible][illegible][illegible]

24" - 240' 0" 16" 16" 12" 12" 200' 140' 200' 140' 24" PAC C

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Revised: 17th Nov 2012 -- 346pgs.
Last Metric: 147000