

REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT

Fort Bend County
Engineering Department
 301 Jackson Suite 401
 Richmond, Texas 77469
 281.633.7500
 Permits@fortbendcountytexas.gov



Right of Way Permit



Commercial Driveway Permit

Permit No: 2017-16131

Applicant: AR TurnKey Construction Company, Inc.

Job Location Site: West Airport Drive, Richmond, TX 77407

Bond No. **Date of Bond:** 9/15/2017 **Amount:** \$75,000.00

The above applicant came to make use of certain Fort Bend County property subject to, "The Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Chapter 181, Vernon's Texas Statutes and Codes Annotated.

Notes:

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required:
 - a. 48 hours in advance of construction start up, and
 - b. When construction is completed and ready for final inspection, submit notification to Permit Administrator thru MyGovernmentOnline.org portal.
3. This permit expires one (1) year from date of permit if construction has not commenced.

On this 24th day of October, 2017, Upon Motion of Commissioner Meyers, seconded by Commissioner Morales, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Signature

Presented to Commissioners Court and approved.

By: Charles O. AM

Date Recorded 10-31-2017 Comm. Court No. 1BK

for

County Engineer

Clerk of Commissioners Court

By: N/A

By: Ainda Willes

Drainage District Engineer/Manager

Deputy



**PERMIT APPLICATION REVIEW FORM FOR
CABLE, CONDUIT, AND POLE LINE ACTIVITY
IN FORT BEND COUNTY**

**Fort Bend County
Engineering Department**
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytexas.gov

☒ Right of Way Permit
☐ Commercial Driveway Permit
Permit No: 2017-16131

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

(1) COMPLETE APPLICATION FORM:

- ☒ a. Name of road, street, and/or drainage ditch affected.
☒ b. Vicinity map showing course of directions
☒ c. Plans and specifications

(2) BOND:

- ☐ County Attorney, approval when applicable.
- ☐ Perpetual bond currently posted. Bond No: _____ Amount: _____
- ☒ Performance bond submitted. Bond No: XXXXXXXXXX Amount: \$75,000.00
- ☐ Cashier's Check Check No: _____ Amount: _____

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

We have reviewed this project and agree it meets minimum requirements.

Charles O. Ay

Permit Administrator

10/13/2017

Date



**PERFORMANCE BOND COVERING ALL CABLE, CONDUIT AND/OR POLE LINE
ACTIVITY IN, UNDER, ACROSS OR ALONG FORT BEND COUNTY ROAD,
COMMERCIAL DRIVEWAY AND MEDIAN OPENINGS OR MODIFICATIONS
(AUTHORIZED)**

BOND NO. [REDACTED]

THE STATE OF TEXAS §

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF FORT BEND §

1418 Wakefield Houston, TX 77018

THAT WE, AR Turnkee Construction Company, Inc. whose (address, phone) is _____ Texas, hereinafter called the Principal, and SureTec Insurance Company, a Corporation existing under and by virtue of the laws of the state of Texas and authorized to do an indemnifying business in the state of Texas, and whose principal office is located at (name/address/phone) 1330 Post Oak Blvd., Suite 1100 Houston, TX 77056 (713) 812-0800, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought whining said state is Steven D. Nelson and whose address is 9737 Great Hills Trail, Ste 320, Austin, TX 78759, hereinafter called the Surety, and held and firmly bound unto, Robert E. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, in the full sum of Seventy Five Thousand Dollars Dollars (\$ 75,000.00) current, lawful money of the United States of America, to be paid to said Robert E. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, to which payment well and truly to be made and done, we, the undersigned, bind ourselves and each of us, our heirs, executors, administrators, successors, assigns, and legal representatives, jointly and severally, by these presents.

THE CONDITION OF THIS BOND IS SUCH THAT, WHEREAS, the above bounden principal contemplates laying, constructing, maintaining and/or repairing one or more cables, conduits, and/or pole lines in, under, across and/or along roads, streets and highways, commercial driveway and median openings or modifications in the County of Fort Bend, and the State of Texas, under the jurisdiction of the Commissioners' Court of Fort Bend County, Texas, pursuant to the Commissioners' Court order adopted on the 1st day of December, A.D. 1980, recorded in Volume 13, of the Commissioners' Court Minutes of Fort Bend County, Texas, regulating same, which Commissioners' Court order is hereby referred to and made a part hereof for all purposes as though fully set out herein;

AND WHEREAS, the principal desires to provide Fort Bend County with a performance bond covering all such cable, conduit and/or pole line activity, commercial driveway and median openings or modifications;

NOW, THEREFORE, if the above bounden principal shall faithfully perform all its cable, conduit and/or pole line activity (including, but not limited to the laying, construction, maintenance and/or repair of cables, conduits and/or pole lines) in, under, across and/or along roads, streets and highways, commercial driveway and median openings or modifications in the County of Fort Bend and State of Texas, under the jurisdiction of the Commissioners Court of Fort Bend County, Texas, pursuant to and in accordance with minimum requirements and conditions of the above mentioned Commissioners' Court order set forth and specified to be by said principal done and performed, at the time and in the manner therein specified, and shall pay over and make good and reimburse Fort Bend County, all loss and damages which Fort Bend County may sustain by reason of any failure or default on the part of said principal, then this obligation shall be null and void, otherwise to remain in full force and effect.

This bond is payable at the County Courthouse in the County of Fort Bend and State of Texas.

It is understood that at any time Fort Bend County deems itself insecure under this bond, it may require further and/or additional bonds of the principal.

EXECUTED this 15th day of September, 2017.

AR Turnkee Construction Company, Inc.

PRINCIPAL

BY

SureTec Insurance Company

SURETY

BY

Misty Witt, Attorney in Fact

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Misty Witt

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for:

Principal: AR Turnkey Construction Company, Inc.

Obligee: Fort Bend County Judge

Amount: \$ 75,000.00

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 6th day of April, A.D. 2017.

SURETEC INSURANCE COMPANY

By: _____

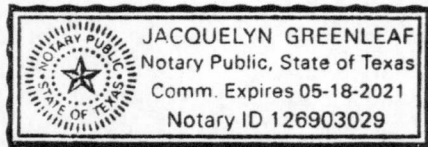
John Knox, Jr., President

State of Texas
County of Harris

ss:



On this 6th day of April, A.D. 2017 before me personally came John Knox, Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.



Jacquelyn Greenleaf, Notary Public
My commission expires May 18, 2021

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 15th day of September 2017, A.D.

M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
For verification of the authority of this power you may call (713) 812-0800 any business day between 8:00 am and 5:00 pm CST.

SureTec Insurance Company

THIS BOND RIDER CONTAINS IMPORTANT COVERAGE INFORMATION

Statutory Complaint Notice/Filing of Claims

To obtain information or make a complaint: You may call the Surety's toll free telephone number for information or to make a complaint or file a claim at: 1-866-732-0099. You may also write to the Surety at:

SureTec Insurance Company
9737 Great Hills Trail, Suite 320
Austin, Tx 78759

You may contact the Texas Department of Insurance to obtain information on companies, coverage, rights or complaints at 1-800-252-3439. You may write the Texas Department of Insurance at

PO Box 149104
Austin, TX 78714-9104
Fax#: 512-490-1007
Web: <http://www.tdi.state.tx.us>
Email: ConsumerProtection@tdi.texas.gov

PREMIUM OR CLAIM DISPUTES: Should you have a dispute concerning your premium or about a claim, you should contact the Surety first. If the dispute is not resolved, you may contact the Texas Department of Insurance.

**FILED AND RECORDED
OFFICIAL PUBLIC RECORDS**



Laura Richard

Laura Richard, County Clerk
Fort Bend County Texas

October 30, 2017 03:23:19 PM

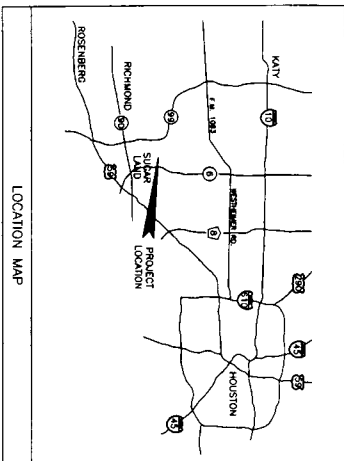
FEE: \$0.00 SB

2017119182

TO SERVE
ALIANA
WEST AIRPORT BOULEVARD
CITY OF HOUSTON E.T.J.

DATE: JULY 2017

1. THESE PLANS WERE PREPARED TO MEET OR EXCEED (1) THE MINIMUM CITY AND COUNTY REQUIREMENTS AND (2) THE MINIMUM STATE REQUIREMENTS FOR THE PROPOSED CONSTRUCTION.
2. CONSTRUCTION WILL BE UNDERTAKEN BY A PROFESSIONAL ENGINEER TO INSURE COMPLIANCE WITH ALL APPLICABLE REGULATIONS AND REQUIREMENTS.
3. CONSTRUCTION SHALL BE IN ACCORD WITH THE FOLLOWING LISTED 40' HOUSING PROJECT TO COMPLETION OF CONSTRUCTION.
(11) 913-2000
(818) 344-2883
construction@landmarkcity.org
4. ANY AUTHORIZED INDIVIDUALS FROM EITHER THE LISTING COMPANY OR A REPRESENTATIVE OF LA CONSTRUCTION, INC. HAVE THE AUTHORITY TO SIGN AND SUBMIT THIS APPLICATION TO THE CITY OF HOSIEN.
5. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE CITY CODES AT LEAST 40' HOUSING PROJECT TO COMPLETION OF CONSTRUCTION IN THE VICINITY OF THEIR RESIDENTS AND/OR RIGHT-OF-WAYS.
6. THE OPENING AND CLOSING OF ALL VEHICLES ON DESIGNATED WALKWAYS MUST BE PERFORMED IN ACCORDANCE WITH THE LOCAL ORDINANCE.
7. THE PROJECT PROPRIETOR AND PERSON AT THE SIGNATURE OF THE APPLICATION MUST BE A RESIDENT OF THE CITY OF HOSIEN.
8. IN ORDER TO CONSTRUCTION OF THE FACILITY WITHIN OR AT THE PROPERTY, THE PROJECTOR MUST OBTAIN A WRITTEN NOTICE OF INTERESTED PARTY CONSENT TO THE PROJECT AND A WRITTEN NOTICE OF INTERESTED PARTY CONSENT TO THE CONSTRUCTION WILL COMPLY.
9. CONSTRUCTION SHALL COMPLY WITH THE CITY OF HOSIEN REQUIREMENTS FOR PUBLIC WORKS AND PROJECT DELIVERY ON (818) 344-2883



ONE-CALL NOTIFICATION
SYSTEM
CALL BEFORE YOU DIG!!
(713) 223-4567 (IN HOUSTON)
(NEW STATEWIDE NUMBER OUTSIDE HOUSTON)
1-800-545-5005

PWD: 11000 INSURANCE W/P
 PANEL: 150, OF 375
 WP# 5815310156
 FLOW ZONE "Y" AND ZONE 4E
 E3 DETENTION PANS RECONSTRUCTION
 IS PROVIDED IN 300 CUBIC YARDS BY 1/2" ALUM. DETENTION/WARRANT PHASE 2
 2 OTHER CHECK DAMMED APPROXIMATELY 1000 YD. AND OTHER CHECK DAMMED
 APPROXIMATELY 1000 YD. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811.

FORT BEND COUNTY ENGINEER

ENGINEER: W. J. Stealy, Jr., P.E.
Patrick J. Simola P.E.
 DATE: 8/16/17

THESE SIGNATURES ARE VOID IF CONSTRUCTION
 HAS NOT COMMENCED IN ONE (1) YEAR FROM
 DATE OF APPROVAL.

APPROVED: [Signature]
DEVELOPMENT COORDINATOR
DATE: 8/16/17

ENGINEER:
LJA Engineering, Inc.

2929 Briarpark Drive
Suite 600
Houston, Texas 77042

Phone 713.863.5201
Fax 713.863.5026
FPM-F-1386

SHEET INDEX	
1.	COVER SHEET
2.	GENERAL NOTES
3.	WATER TREATMENT PLANT
4.	STORM WATER POLLUTION PREVENTION PLAN
PLAN & PROFILE	
5.	WEST ARBOR FORECATCH BASIN STA. 0+00.00
6.	WEST ARBOR FORECATCH BASIN STA. 13+00.00
7.	WEST ARBOR FORECATCH BASIN STA. 26+00.00
8.	WEST ARBOR FORECATCH BASIN STA. 39+00.00
DETAILS	

DETAILS

10. SANITARY SEWER DETAILS AND TRAFFIC CONTROL DETAILS

com Log Jn=1161

NOTE: CITY SCHEDULES VALID FOR ONE YEAR ONLY AFTER DATE OF SCHEDULES

Engineering by



1-1-1

•

WHEELER

DEPARTMENT OF PUBLIC WORKS
CHICAGO

1501

1 or 10

4 INCH FORCEMAIN EXTENSION - JOB NO. 1968-1051

EDUCATION:

[illegible]

RECORD DRAFTER
 CITY OF HOUSTON
 14 INCH FORECAME EXTENSION
 GENERAL NOTES

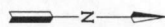
PROJECT NO. 134A
 F.B.C.M.U.D. NO. 134A
 14 INCH FORECAME EXTENSION
 GENERAL NOTES

APPROVED:
 (Signature)
 DATE: 5/6/12
 REVISION:

PROJECT NO. 134A
 F.B.C.M.U.D. NO. 134A
 14 INCH FORECAME EXTENSION
 GENERAL NOTES

RECORD DRAFTER
 CITY OF HOUSTON
 14 INCH FORECAME EXTENSION
 GENERAL NOTES

PROJECT NO. 134A
 F.B.C.M.U.D. NO. 134A
 14 INCH FORECAME EXTENSION
 GENERAL NOTES

[illegible]

RECORD DRAWING
I CERTIFY THAT THIS DRAWING REFLECTS THE
DIMENSIONS CONSTRUCTED AS TO SIZE

MOVEMENTS CONSTRUCTED AS TO SIZE,
LOCATION AND GRADE AND THAT THE
CONSTRUCTION WAS IN FULL COMPLIANCE WITH
THE CONTRACT DOCUMENTS

BY _____ DATE _____

TITLE _____

FORT BEND COUNTY ENGINEERING DEPARTMENT

APPROVED: [Signature]
DEVELOPMENT COORDINATOR

DATE: 8/16/17

DATE	REVISION

[illegible][illegible]

PLAT NAME:	WEST AIRPORT BOULEVARD
------------	------------------------

CPC 101 FILE NO. 16-1149
C.O.H. LOG NO.

--	--

F.B.C.M.U.D. NO. 134A

--	--

14 INCH FORCEMAIN EXTENSION

--	--

SANITARY FORCEMAIN SEWER

LAYOUT

LJA Engineering, Inc.

2829 Briarpark Drive
Suite 600
Phone 713.953.5200
Fax 713.953.5020

Houston, Texas 77042	FRN - F-138
UJA PROJECT NO. 1968-1051	

DESIGNED BY:	DRAWN BY:	DATE:
AA	AA	JULY 2017

NOTE: CITY SPANISHS VALID FOR ONE YEAR ONLY
 AFTER DATE OF SIGNATURE

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
STREET & BRIDGE

7/7/77

STORM WATER QUALITY	STORM
	CH27-6-17

FILE NO.	FOR CITY OF HOUSTON USE ONLY
7-7-17	

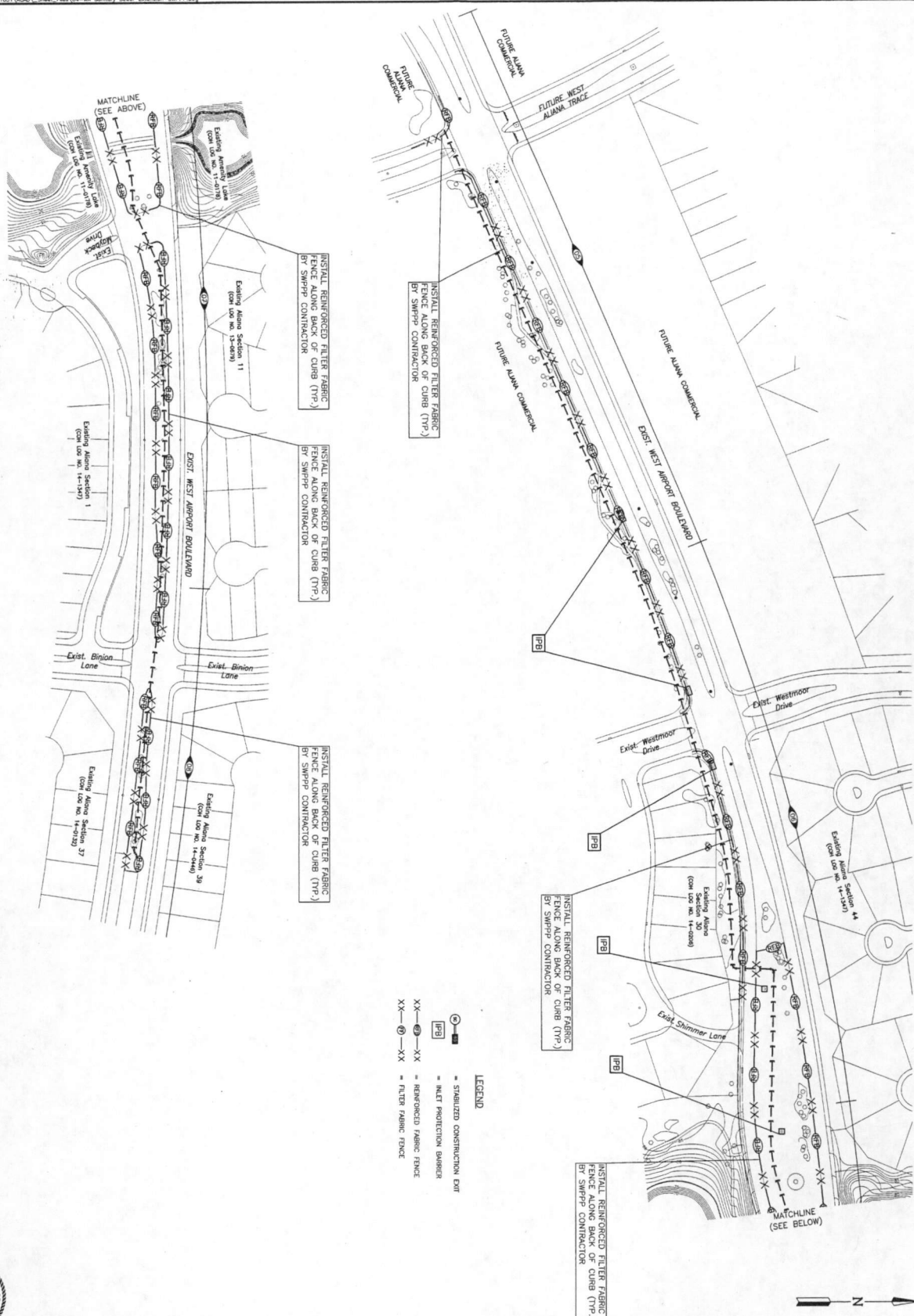
DRAWING SCALE

SCALE: 1" = 100'

PLANTAS ORNAMENTALES

SHEET NO. 3 OF 10

[illegible]



RESEARCH:
 AT 1212 P. 0955 CROSS TOWN RD. AT 1212, 1973, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2

RECORD DRAWING
I CERTIFY THAT THIS DRAWING REFLECTS THE
IMPROVEMENTS CONSTRUCTED AS TO SIZE,
LOCATION AND GRADE AND THAT THE
CONSTRUCTION WAS IN FULL COMPLIANCE WITH
THE CONTRACT DOCUMENTS
BY _____ DATE _____
TITLE _____

PORT BEARD COUNTY ENGINEERING DEPARTMENT

APPROVED: LSH
DEVELOPMENT COORDINATOR

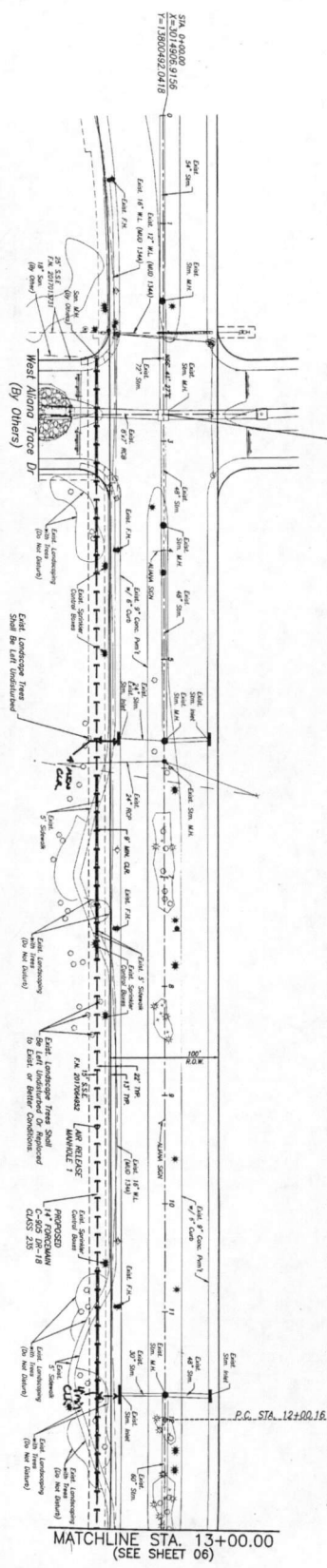
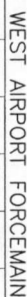
DATE: 8/14/17

DATE	REVISION	B

PLAT NAME: WEST AIRPORT BOULEVARD
CPC 101 FILE NO. 16-1149
C.O.H. LOG NO.

F.B.C.M.U.D. NO. 134A
14 INCH FORCEMAIN EXTENSION
STORM WATER POLLUTION PREVENTION PLAN

LA Engineering, Inc. 10000 Katy Freeway, Suite 600 Houston, Texas 77052 Phone 713/851-0055 Fax 713/851-0055 FPN# 19-1384		CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING 1001 FOSTER HOUSTON, TEXAS 77002 PHONE 713-476-1719
PROJECT NO. 10-1868-10-31 DATE JULY 2017	DISIGNED BY: MA DRAWN BY: MA CHECKED BY: MA DATE:	THIS SET SHOWS ONLY THE PORTION OF THE PROJECT THAT IS WITHIN THE CITY OF HOUSTON. SEE THE FULL SET FOR THE ENTIRE PROJECT.



P.L. 6 STA. 2+75.48 ~ WEST AIRPORT BOULEVARD FORCE MAIN EXTENSION
= P.L. 6 ~ WEST ALAYNA TRACE DRIVE

MATCHLINE STA. 13+00.00
(SEE SHEET 06)

ENCLOSURE

8-1712 - 89555 ROAD, 12-1712 1973, SET
IN 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 26

RECORD DRAWING
I CERTIFY THAT THIS DRAWING REFLECTS THE

THE CONTRACT DOCUMENTS
BY _____ DATE _____
TITLE _____

PORT BEND COUNTY ENGINEERING DEPARTMENT
 APPROVED: 13/7
 DEVELOPMENT COORDINATOR
 DATE: 8/16/17

PLAT NAME: WEST AIRPORT BOULEVARD
CPC 101 FILE NO.
C.O.H. LOG NO. 16-1149

WEST AIRPORT FORCEMAIN
STA. 0+00.00 TO 13+00.00

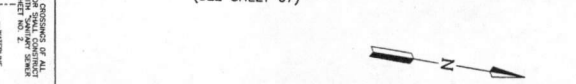
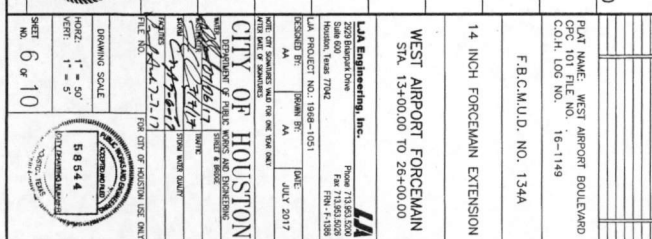
AFTER PAID OF SUBSCRIPTIONS
 CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
 WATER, SEWER & GAS

2
SHEET
NO. 5 of 10

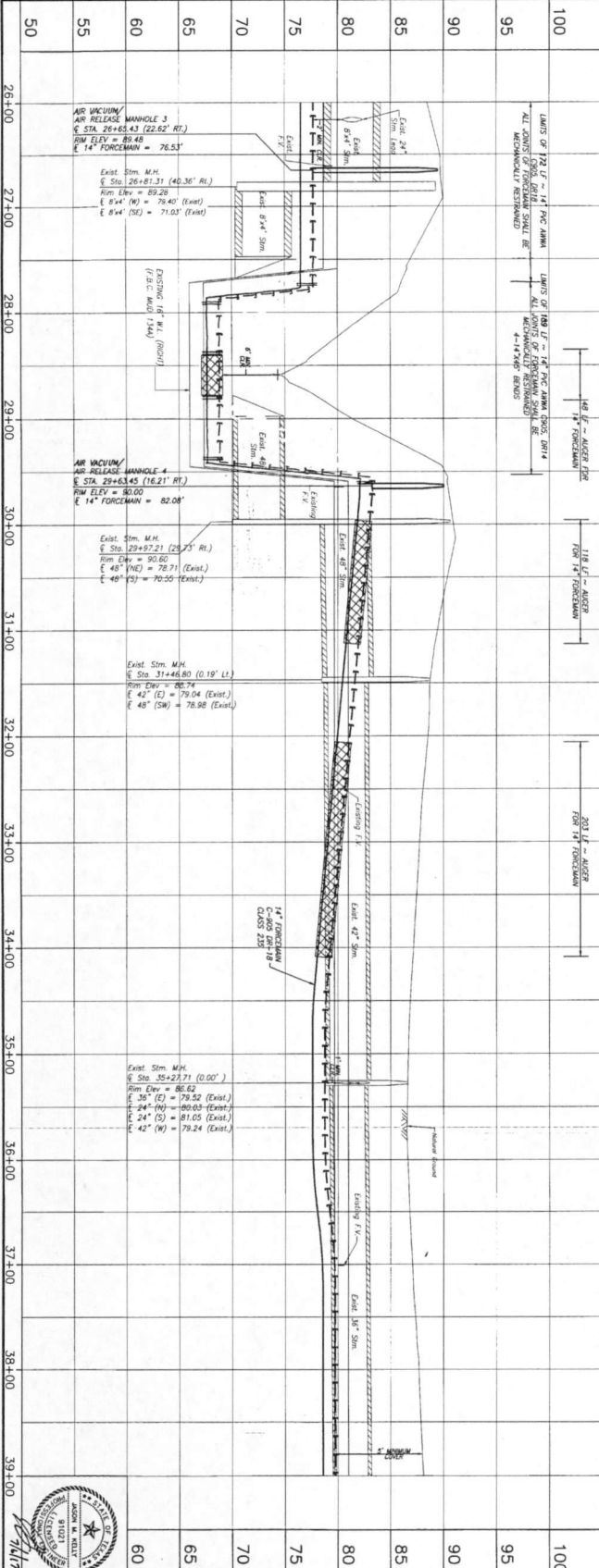
DRAINING SCALE
HORIZ: 1" = 50'
VERT: 1" = 5'

58044

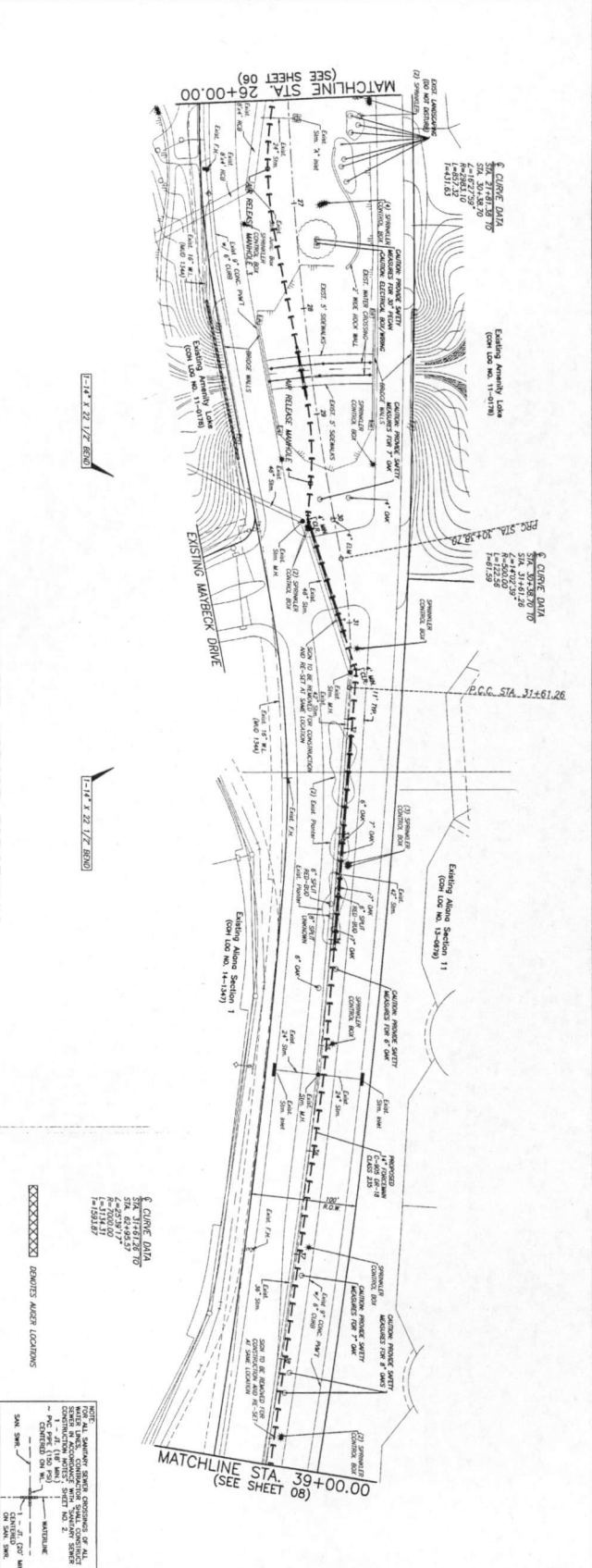
OLD DRAINAGE MAP
NO. 118



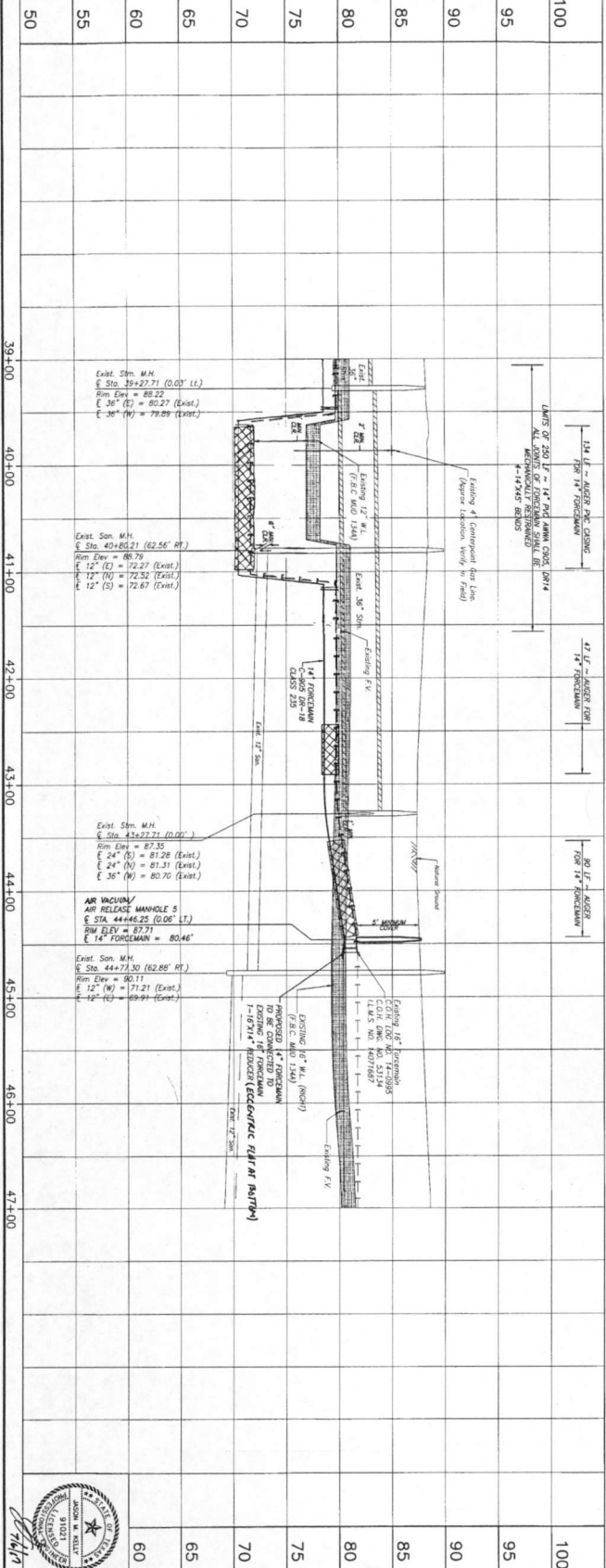
RECORD DRAWING
 I HEREBY CERTIFY THAT THE DRAWING RELATES TO THE APPROVED PROJECTS CONSTRUCTED AS TO SIZE, LOCATION, AND CHARACTER OF THE PROJECTS AND THE CONTRACTOR HAS BEEN ADVISED OF ALL COMPLIANCE WITH THE CONTRACT DOCUMENTS.
 BY _____ DATE _____
 TITLE _____
 PORT BEND COUNTY ENGINEERING DEPARTMENT
 APPROVED: 1517



WEST AIRPORT FORCEMAIN



<p>RECORD DRAWING</p> <p>FOR THE CITY OF HOUSTON, TEXAS, THE RECORD DRAWING IS THE FINAL DRAWING FOR THE PROJECT. IT IS THE RESPONSIBILITY OF THE ENGINEER TO ENSURE THAT THE RECORD DRAWING IS ACCURATE AND COMPLETE. THE RECORD DRAWING SHALL BE USED FOR ALL FUTURE CONSTRUCTION AND MAINTENANCE OF THE PROJECT.</p> <p>DATE: 8/14/17</p> <p>BY: [Signature]</p> <p>FOR THE CITY OF HOUSTON, TEXAS, THE RECORD DRAWING IS THE FINAL DRAWING FOR THE PROJECT. IT IS THE RESPONSIBILITY OF THE ENGINEER TO ENSURE THAT THE RECORD DRAWING IS ACCURATE AND COMPLETE. THE RECORD DRAWING SHALL BE USED FOR ALL FUTURE CONSTRUCTION AND MAINTENANCE OF THE PROJECT.</p>		<p>APPROVED</p> <p>DATE: 8/14/17</p> <p>BY: [Signature]</p> <p>FOR THE CITY OF HOUSTON, TEXAS, THE RECORD DRAWING IS THE FINAL DRAWING FOR THE PROJECT. IT IS THE RESPONSIBILITY OF THE ENGINEER TO ENSURE THAT THE RECORD DRAWING IS ACCURATE AND COMPLETE. THE RECORD DRAWING SHALL BE USED FOR ALL FUTURE CONSTRUCTION AND MAINTENANCE OF THE PROJECT.</p>	
<p>PROJECT INFORMATION</p> <p>PROJECT NAME: WEST AIRPORT FORCEMAIN</p> <p>PROJECT NO.: 16-1149</p> <p>PROJECT LOCATION: WEST AIRPORT FORCEMAIN</p> <p>PROJECT DESCRIPTION: 14 INCH FORCEMAIN EXTENSION</p> <p>PROJECT OWNER: F.B.C.M.U.D. NO. 134A</p> <p>PROJECT ADDRESS: 26+00.00 TO 39+00.00</p>		<p>ENGINEER INFORMATION</p> <p>ENGINEER NAME: LIA Engineering, Inc.</p> <p>ENGINEER ADDRESS: 2000 Bissonnet Drive, Suite 100, Houston, TX 77059</p> <p>ENGINEER PHONE: 713-863-8000</p> <p>ENGINEER FAX: 713-863-8000</p> <p>ENGINEER EMAIL: info@lia-engineering.com</p> <p>ENGINEER WEBSITE: www.lia-engineering.com</p>	
<p>CITY OF HOUSTON</p> <p>STATION: 26+00.00 TO 39+00.00</p> <p>DATE: JULY 2017</p> <p>BY: [Signature]</p> <p>FOR THE CITY OF HOUSTON, TEXAS, THE RECORD DRAWING IS THE FINAL DRAWING FOR THE PROJECT. IT IS THE RESPONSIBILITY OF THE ENGINEER TO ENSURE THAT THE RECORD DRAWING IS ACCURATE AND COMPLETE. THE RECORD DRAWING SHALL BE USED FOR ALL FUTURE CONSTRUCTION AND MAINTENANCE OF THE PROJECT.</p>		<p>NOTES</p> <p>1. ALL DIMENSIONS ARE IN FEET AND INCHES. DIMENSIONS SHALL BE TO THE CENTERLINE OF THE FORCEMAIN UNLESS OTHERWISE NOTED.</p> <p>2. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE FORCEMAIN UNLESS OTHERWISE NOTED.</p> <p>3. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE FORCEMAIN UNLESS OTHERWISE NOTED.</p> <p>4. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE FORCEMAIN UNLESS OTHERWISE NOTED.</p> <p>5. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE FORCEMAIN UNLESS OTHERWISE NOTED.</p> <p>6. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE FORCEMAIN UNLESS OTHERWISE NOTED.</p> <p>7. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE FORCEMAIN UNLESS OTHERWISE NOTED.</p> <p>8. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE FORCEMAIN UNLESS OTHERWISE NOTED.</p> <p>9. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE FORCEMAIN UNLESS OTHERWISE NOTED.</p> <p>10. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE FORCEMAIN UNLESS OTHERWISE NOTED.</p>	

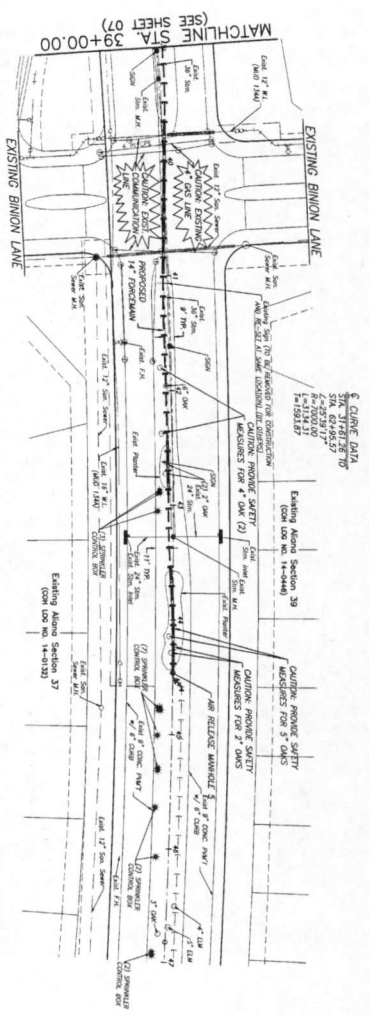
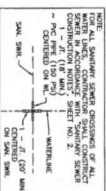


WEST AIRPORT FORCEMAIN

XXXXXXXXXXXX DEWETS AGEN LOCATIONS

STA 44+58 TO (830' T.I.) (APPROX.)
CONNECTION SHALL BE MADE EXIST. 14\"

14\"



6\"

EXISTING ALONG SECTION 39

CAUTION: PROTECT SAFETY

CAUTION: PROTECT SAFETY

CAUTION: PROTECT SAFETY

CAUTION: PROTECT SAFETY

CAUTION: PROTECT SAFETY

CAUTION: PROTECT SAFETY

14 INCH FORCEMAIN EXTENSION - JOB NO. 1968-1051

DATE: 8/1/17

REVISION: 1

BY: [Signature]

DATE: 8/1/17

APPROVED: [Signature]

DATE: 8/1/17

PROJECT NAME: WEST AIRPORT BOULEVARD

PROJECT NO: 16-1149

CLIENT: F.B.C.M.U.D. NO. 1344

14 INCH FORCEMAIN EXTENSION

WEST AIRPORT FORCEMAIN

STA. 39+00.00 TO END

L.A. Engineering, Inc.

2008 Broadway Drive

San Jose, CA 95128

Phone: 408.261.5500

Fax: 408.261.5505

Web: www.la-engineering.com

City of Houston

Department of Public Works and Engineering

Sanitary Sewer Division

Project No. 16-1149

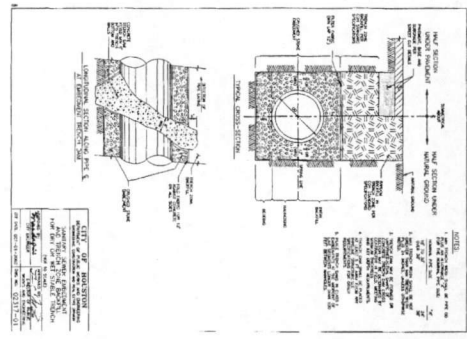
Sheet No. 8 of 10

Scale: 1\"

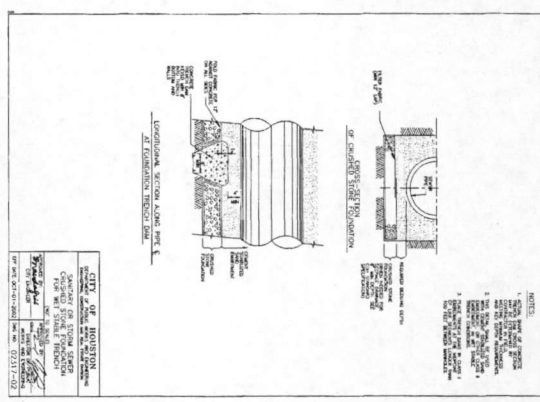
Vertical: 1\" = 5'

Horizontal: 1\" = 5'

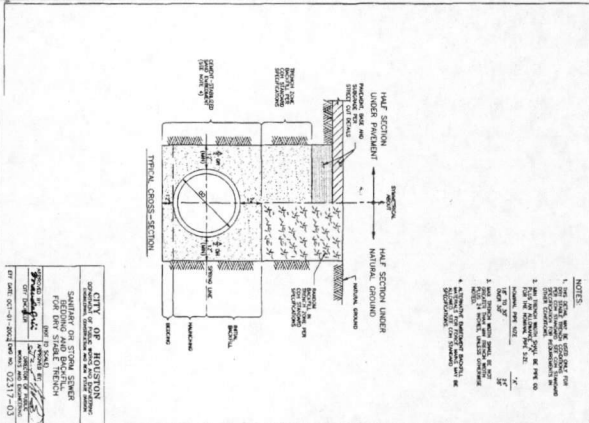
City of Houston Seal



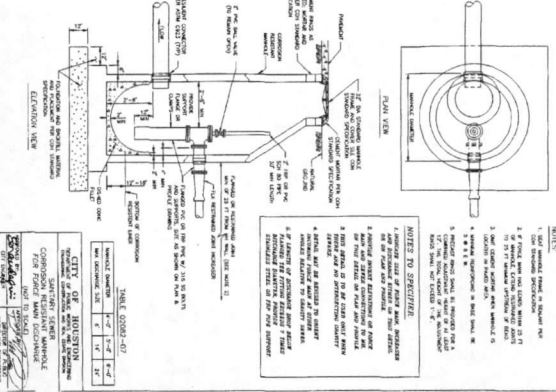
SANITARY SEWER EMBEDMENT AND TRENCH ZONE BACKFILL FOR DRY OR WET STABLE TRENCH



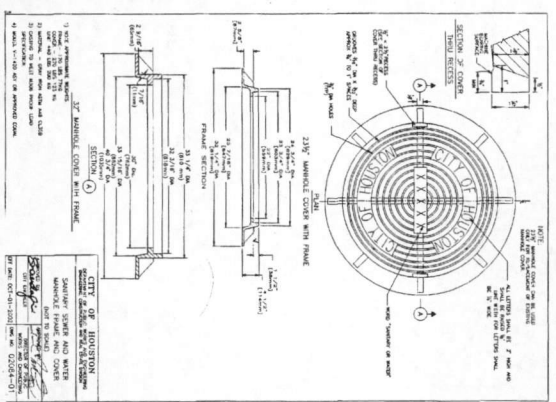
SANITARY OR STORM SEWER CRUSHED STONE FOUNDATION FOR WET STABLE TRENCH



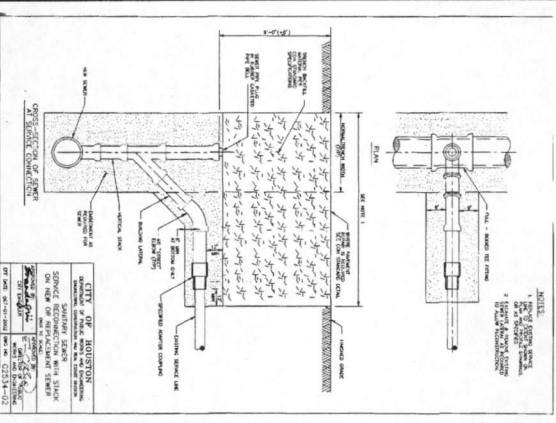
SANITARY OR STORM SEWER BEDDING AND BACKFILL FOR DRY STABLE TRENCH



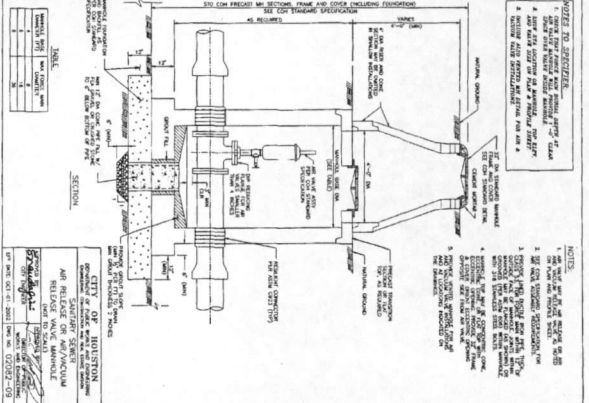
SANITARY SEWER CORROSION RESISTANT MANHOLE FOR FORCE MAIN DISCHARGE



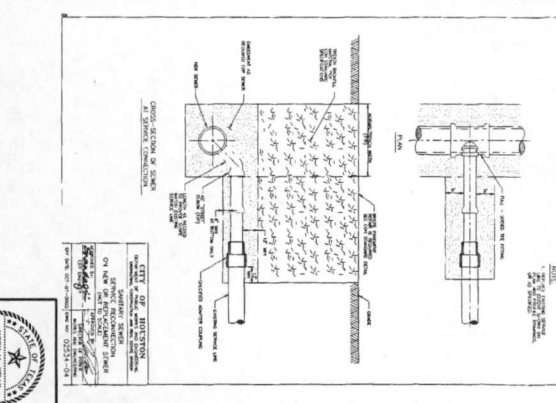
SANITARY SEWER AND WATER MANHOLE FRAME AND COVER



SANITARY SEWER SERVICE RECONNECTION WITH STACK ON NEW OR REPLACEMENT SEWER



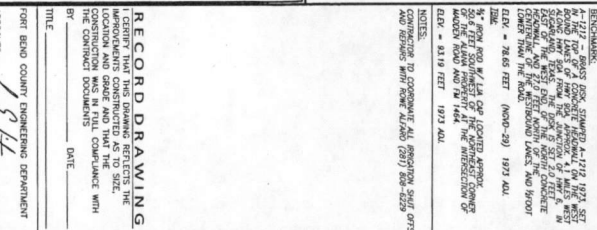
SANITARY SEWER AIR RELEASE VALVE MANHOLE



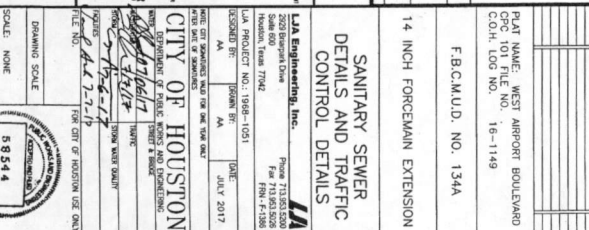
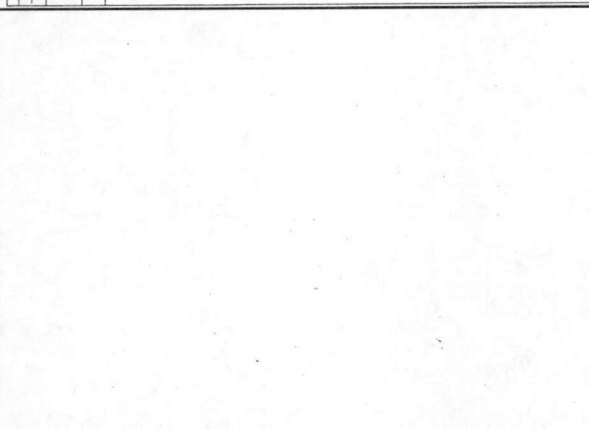
SANITARY SEWER SERVICE RECONNECTION ON NEW OR REPLACEMENT SEWER

City of Houston
Engineering Department
Sanitary Sewer
Details
Scale: None
Sheet: 9 of 10
Date: 8/14/12
User: J. M. Bell
Project: 1968-1051

14 INCH FORCEMAIN EXTENSION
SANITARY SEWER
DETAILS
L.A. Engineering, Inc.
14 INCH FORCEMAIN EXTENSION
PLAN NAME: WEST AIRPORT BOULEVARD
C.D.H. LOG NO. 16-1149
F.B.C.M.U.D. NO. 134A
APPROVED: [Signature]
DATE: 8/14/12
REVISION: [Table]
CITY OF HOUSTON
ENGINEERING DEPARTMENT
SANITARY SEWER
DETAILS
SCALE: NONE
SHEET: 9 OF 10
DATE: 8/14/12
USER: J. M. BELL
PROJECT: 1968-1051



SANITARY SEWER 4'-0" DIAMETER
PRECAST CONCRETE MANHOLE



WATER DISTRIBUTION MAIN BEDDING AND BACKFILL FOR OPEN CUT TRENCHES

WATER MAIN ENCASEMENT

