

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

On this 27th day of September, 2016, Commissioners Court came on to be heard and reviewed the accompanying notice of Swanson Partners, LLC dba HPI Construction Job Location 25358 Canyon Fields Drive, Richmond, TX 77406 Date 8/12/2016 Bond No. CMB-14474-00, Permit No. 2016-8248 to make use of certain Fort Bend County property subject to, "A Revised 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 the 3rd day of August, 1987, recorded in Volume _____ of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Article 1436a, Vernon's Texas Civil Statutes. Upon Motion of Commissioner Meyers, seconded by Commissioner Prestage, 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.

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

Mail notices to: Permit Administrator
 Fort Bend County Engineering
 301 Jackson Street
 Richmond, Texas 77469
 281-633-7500

3. This permit expires one (1) year from date of permit if construction has not commenced.

By: _____

for

County Engineer

N/A

By: _____

Drainage District Engineer/Manager

Presented to Commissioners Court and approved.

Recorded in Volume

Minutes of Commissioners Court

Clerk of Commissioners Court

By: _____

Deputy

County of Fort Bend
Engineering Department

301 Jackson Street
Richmond, Texas 77469

Phone: (281) 633-7500

**Permit Application Review Form For
Cable, Conduit, and Pole Line Activity
In Fort Bend County**

Permit No. 2016-8248

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:

District Attorney, approval when applicable.

Perpetual bond currently posted.

No: _____

Amount: _____

Performance bond submitted.

No: CMB-14474-00

Amount: \$5,000.00

Cashier's Check

No: _____

Amount: _____


(3) Verbal permission given for emergencies, to start construction before approved in Commissioner's Court.

Precinct Engineer Acknowledgment _____
Date

Precinct Commissioner Acknowledgment _____
Date

(4)
Drainage District Approval when applicable

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


Assistant County Engineer

9/19/16
Date

**PERFORMANCE BOND COVERING ALL CABLE, CONDUIT AND/OR POLE LINE
ACTIVITY IN, UNDER, ACROSS OR ALONG FORT BEND COUNTY ROAD
AUTHORIZED**

BOND NO CMB-14474-00

THE STATE OF TEXAS §

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF FORT BEND §

THAT WE, Swanson Partners, LLC dba HPI Construction whose address is PO Box 70 Richmond, TX 77406 Texas, hereinafter called the Principal, And Insurors Indemnity 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 225 South 5th Street, Waco, TX 76701, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought whining said state is Insurors Indemnity Co and Whose address is 225 South 5th Street, Waco, TX 76701, 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 Five Thousand Dollars Dollars (\$ 5,000.00) 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;

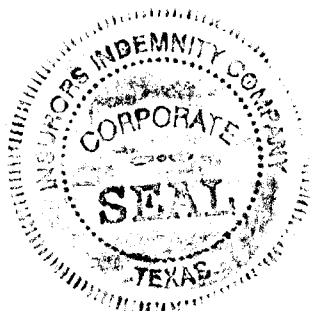
AND WHEREAS, the principal desires to provide Fort Bend County with a performance bond covering all such cable, conduit and/or pole line activity, commercial driveway and median openings or modifications;

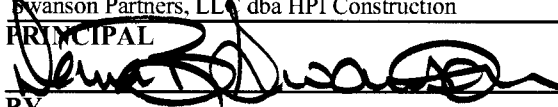
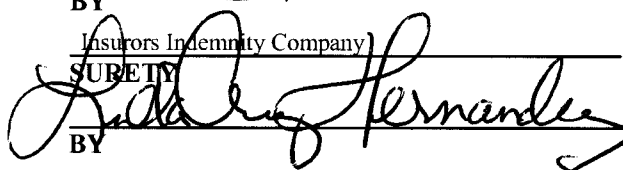
NOW, THEREFORE, if the above bounden principal shall faithfully perform all its cable, conduit and/or pole line activity (including, but not limited to the laying, construction, maintenance and/or repair of cables, conduits and/or pole lines) in, under, across and/or along roads, streets and highways, 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 12th day of August, 20 2016.



Swanson Partners, LLC dba HPI Construction
PRINCIPAL

BY
Insurors Indemnity Company
SURETY

BY

POWER OF ATTORNEY of INSURORS INDEMNITY COMPANY
Waco, Texas

KNOW ALL PERSONS BY THESE PRESENTS:

Number: CMB-14474-00

That INSURORS INDEMNITY COMPANY, Waco, Texas, organized and existing under the laws of the State of Texas, and authorized and licensed to do business in the State of Texas and the United States of America, does hereby make, constitute and appoint _____

Linda Cruz Hernandez of the City of Richmond, State of TX

as Attorney in Fact, with full power and authority hereby conferred upon him to sign, execute, acknowledge and deliver for and on its behalf as Surety and as its act and deed, all of the following classes of document, to-wit:

Indemnity, Surety and Undertakings that may be desired by contract, or may be given in any action or proceeding in any court of law or equity; Indemnity in all cases where indemnity may be lawfully given and with full power and authority to execute consents and waivers to modify or change or extend any bond or documents executed for this Company.

INSURORS INDEMNITY COMPANY

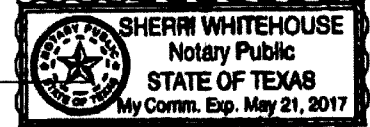
Attest: Tammy Tieperman
Tammy Tieperman, Secretary

By: Dave E. Talbert
Dave E. Talbert, President

State of Texas
County of McLennan

On the 11th day of November, 2014, before me a Notary Public in the State of Texas, personally appeared Dave E. Talbert and Tammy Tieperman, who being by me duly sworn, acknowledged that they executed the above Power of Attorney in their capacities as President and Corporate Secretary, respectively, of Insurors Indemnity Company, and acknowledged said Power of Attorney to be the voluntary act and deed of the Company.

Sherril Whitehouse
Notary Public, State of Texas



Insurors Indemnity Company certifies that this Power of Attorney is granted under and by authority of the following resolutions of the Company adopted by the Board of Directors on November 11, 2014:

RESOLVED, that all bonds, undertakings, contracts or other obligations may be executed in the name of the Company by persons appointed as Attorney in Fact pursuant to a Power of Attorney issued in accordance with these Resolutions. Said Power of Attorney shall be executed in the name and on behalf of the Company either by the Chairman and CEO or the President, under their respective designation. The signature of such officer and the seal of the Company may be affixed by facsimile to any Power of Attorney, and, unless subsequently revoked and subject to any limitation set forth therein, any such Power of Attorney or certificate bearing such facsimile signature and seal shall be valid and binding upon the Company and any such power so executed and certified by facsimile signature and seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is validly attached.

RESOLVED, that Attorneys in Fact shall have the power and authority, subject to the terms and limitations of the Power of Attorney issued to them, to execute and deliver on behalf of the Company and to attach the seal of the Company to any and all bonds and undertakings, and any such instrument executed by such Attorneys in Fact shall be binding upon the Company as if signed by an Executive Officer and sealed and attested to by the Secretary or Assistant Secretary of the Company.

I, Tammy Tieperman, Secretary of Insurors Indemnity Company, do hereby certify that the foregoing is a true excerpt from the Resolutions of the said Company as adopted by its Board of Directors on November 11, 2014, and that this Resolution is in full force and effect. I certify that the foregoing Power of Attorney is in full force and effect and has not been revoked.

In Witness Whereof, I have set my hand and the seal of INSURORS INDEMNITY COMPANY on this 12th day of August, 2016.

Tammy Tieperman
Tammy Tieperman, Secretary

NOTE: IF YOU HAVE ANY QUESTION REGARDING THE VALIDITY OR WORDING OF THIS POWER OF ATTORNEY, PLEASE CALL 800 933 7444 OR WRITE TO US AT P. O. BOX 2683, WACO, TEXAS 76702-2683 OR EMAIL US AT CONFIRMATION@INSURORSINDEMNITY.COM.

INSURORS INDEMNITY COMPANY

GENERAL INDEMNITY AGREEMENT

THIS AGREEMENT is made by the undersigned Applicant(s), Principal(s) and Indemnitor(s), collectively referred to as "Undersigned," for the continuing benefit of Insurors Indemnity Company ("Surety") in connection with any Bond executed on behalf of any Indemnitor, Applicant or Principal. The Undersigned hereby certify the truth of all statements in the application, authorize the Surety to verify this information and obtain additional information from any source, including obtaining a credit report for any legitimate purpose as determined by Surety.

The Undersigned jointly and severally agree:

1. To pay the usual premiums, including renewal premiums, in accordance with Surety's rates in effect when each payment is due; and
2. **INDEMNITY:** To defend, completely **INDEMNIFY AND HOLD HARMLESS** Surety from and against any liability, loss, cost, interest, attorney's fees and expenses whatsoever which Surety shall at any time sustain as Surety or by reason of having been surety on any bond issued for Undersigned, or for the enforcement of this agreement, or in obtaining a release or evidence of termination under such bonds; and
3. To furnish Surety with satisfactory and conclusive termination evidence that there is no further liability on this bond or any other bond issued for Undersigned; and
4. Upon demand by Surety for any reason, to deposit current funds with Surety in an amount equal to the reserves posted by Surety and/or any loss or expense paid by Surety. Surety shall have the right to defense and indemnity regardless of whether Surety has made any payment under any Bond; and
5. That Surety shall have the right to pay, settle, compromise, defend, prosecute or appeal any claim, in its sole discretion. An itemized statement of loss and expense incurred by Surety, sworn to by an officer of Surety, shall be prima facie evidence of the fact and extent of the liability of Undersigned to Surety; and
6. That Surety may decline to issue any bond and may cancel or amend any bond without cause and without any liability which might arise there from; and
7. That Surety shall, without notice, have the right to alter the penalty, terms and conditions of any bond issued for Undersigned, and this agreement shall apply to any such altered bond; and
8. That if a contract or performance bond is issued hereunder, Undersigned hereby assign to Surety any monies now due or hereafter becoming due under the contract; and
9. At Surety's discretion, this General Indemnity Agreement shall be governed in all respects by the laws of the State of Texas and Undersigned hereby consent venue and personal jurisdiction in McLennan County, Texas, in all actions and proceedings arising from or relating to this Agreement; and
10. That this Agreement may be canceled as to subsequent liability by an Undersigned upon written notice to Surety at P.O. Box 2683, Waco, Texas, 76702, effective ten (10) days after the earliest date thereafter upon which Surety could have cancelled all bonds in force for Undersigned; and
11. If the execution of this Agreement by any Undersigned is defective or invalid for any reason, such defect shall not affect the validity as to any other Undersigned. Should any provision of the Agreement be held invalid, the remaining provisions shall retain their full force and effect; and
12. Undersigned waive any defense that this Agreement was executed subsequent to the date of any Bond and acknowledges that such Bond was executed pursuant to Undersigned's request and in reliance upon Undersigned's promise to execute this Agreement. Undersigned understand and agree that this Agreement is a continuing agreement to indemnify over an indefinite period; and
13. Undersigned have the right to review all Bonds executed by Surety for errors and omissions prior to delivery of the Bond to the Oblige, and hereby waive any claim against Surety arising out of any such error or omission; and
14. A facsimile or electronic version of this Agreement shall be considered an original and shall be admissible in a court of law to the same extent as an original.

Dated this 12th day of August, 2016.

Witness signature: Heather Kendrick
 Printed name: Heather Kendrick
 Home address: 1971 Lerak Rd
 City, State Zip: Sally TX 77474

Witness signature: _____
 Printed name: _____
 Home address: _____
 City, State Zip: _____

Witness signature: _____
 Printed name: _____
 Home address: _____
 City, State Zip: _____

Witness signature: _____
 Printed name: _____
 Home address: _____
 City, State Zip: _____

Swanson Partners, LLC dba HPI Construction

By: Dana B. Swanson
 Dana B. Swanson

Indemnitor: Dana B. Swanson
 Dana B. Swanson

Indemnitor: _____

Indemnitor: _____

INTUITIVE LEARNING CENTER

25358 CANYON FIELDS DR
RICHMOND, TX 77406



INDEX OF DRAWINGS

00.0	COVER SHEET
01.0	GENERAL NOTES
02.0	SITE GRADING & DRAINAGE PLAN
03.0	SEWER & WATER MAINS LAYOUT
04.0	SEWER & WATER POLLUTION PREVENTION PLAN
05.0	SITE PAVING PLAN
06.0	DETAIL SHEET
07.0	TEST STATIONING PDS-1A



ONE CALL NOTIFICATION SYSTEM
CALL BEFORE YOU DIG !!!
(713) 233-4567 (IN HOUSTON)
(NEW STATEWIDE NUMBER OUTSIDE HOUSTON)
1-800-545-6065

DATE _____
SIGNATURE _____
DISTRICT NUMBER 142 ENGINEER,
FORT BEND COUNTY MUNICIPAL UTILITY
SIGNATURE VALID FOR ONE (1) YEAR

EAST BEND COUNTY ENGINEER
APPROVED: *[Signature]*
DATE: 7/8/16

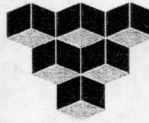
THESE SIGNATURES ARE VOID IF
CONSTRUCTION HAS NOT COMPLETED IN
(1) YEAR FROM DATE OF APPROVAL

APPROVED: *[Signature]*
DATE: 7/11/16

ARCHITECT
SALVANA HENRY, OWNER
401 STUDEWOOD SUITE 300
HOUSTON, TX 77007
PHONE: 713-780-0808
FAX: 713-780-0809
EMAIL: info@intuitive.com

SURVEYOR
INTERIM SURVEYING & APPRAISAL, L.L.C.
401 STUDEWOOD SUITE 300
HOUSTON, TX 77007
PHONE: 713-780-0808
FAX: 713-780-0809
EMAIL: info@intuitive.com

INTERFIELD
engineering | architecture
401 STUDEWOOD SUITE 300
HOUSTON, TEXAS 77007
TEL. (713) 780-0808
WWW.INTERFIELD.NET



OWNER
HPI CONSTRUCTION
P.O. BOX 722
RICHMOND, TEXAS 77401
TEL. (281) 341-2033
CELL (281) 381-2037

REVISIONS	DATE	ISSUE HISTORY
11/20/19	REVISED FOR	
04/06/19	PERMIT	

FORT BEND COUNTY MUNICIPAL DISTRICT NUMBER 142 STANDARD NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES.

SPECIFICATIONS: CAST-IN-PLACE CONCRETE

GENERAL

1. ALL CONCRETE SHALL BE PLACED AND FINISHED TO THE SPECIFICATIONS OF THE AMERICAN CONCRETE INSTITUTE (ACI) 308.1R-11, "CONCRETE MIXTURES FOR STRUCTURAL CONCRETE".

PRODUCTION

1. ALL CONCRETE SHALL BE PLACED AND FINISHED TO THE SPECIFICATIONS OF THE AMERICAN CONCRETE INSTITUTE (ACI) 308.1R-11, "CONCRETE MIXTURES FOR STRUCTURAL CONCRETE".

SITE GRADING & DRAINAGE

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES.

SIDEWALKS

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES.

UTILITY COMPANIES NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES.

AT&T TEXASSHIRT FACILITIES

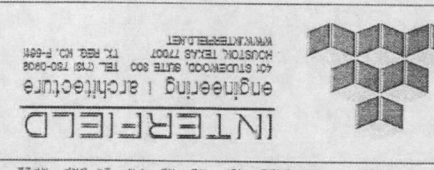
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GENERAL CONSTRUCTION

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WATER DISTRIBUTION SYSTEM

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES.



INTERFIELD Engineering & Architecture

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES.

APPLICABLE SURFACE DESCRIPTION

FINISH TYPE	APPROX. TEST SPECIFICATION
CONCRETE	ACI 308.1R-11
ASPHALT	ACI 308.1R-11
PAVEMENT	ACI 308.1R-11

FOOT BEND COUNTY NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES.

PAVING

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STREET, BRIDGE AND RIGHT-OF-WAY

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PAVING

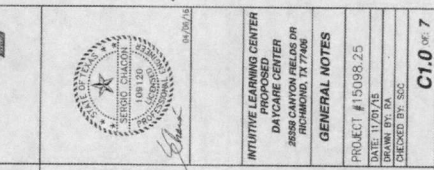
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STORM SEWER SYSTEM

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES.

DRIVEWAY

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES AND AGENCIES.



INTUITIVE LEARNING CENTER DAYCARE CENTER PROPOSED

28588 CANYON HILLS DR HOUSTON, TX 77060

GENERAL NOTES

PROJECT #15098.25
DATE 11/20/19
DRAWN BY: SA
CHECKED BY: SSC

APPROVED: [Signature]
DELEGATION COORDINATOR

DATE: 11/20/19

DATE: 11/20/19

APPROVED: [Signature]
DELEGATION COORDINATOR

DATE: 11/20/19

DATE: 11/20/19

APPROVED: [Signature]
DELEGATION COORDINATOR

DATE: 11/20/19

DATE: 11/20/19

APPROVED: [Signature]
DELEGATION COORDINATOR

DATE: 11/20/19

DATE: 11/20/19

C1.0 of 7

PROJECT #15098.25
DATE 11/20/19
DRAWN BY: SA
CHECKED BY: SSC

APPROVED: [Signature]
DELEGATION COORDINATOR

DATE: 11/20/19

APPROVED: [Signature]
DELEGATION COORDINATOR

DATE: 11/20/19

APPROVED: [Signature]
DELEGATION COORDINATOR

DATE: 11/20/19

APPROVED: [Signature]
DELEGATION COORDINATOR

DATE: 11/20/19

PROPERTY LEGAL DESCRIPTION
 THE SOUTHWEST CORNER OF THE EAST HALF OF SECTION 10, T12N, R10E, DISTRICT NO. 142, FORT BEND COUNTY, TEXAS.

BENCHMARK DATA
 IMPROVING BEING AN ALUMINUM BOX LOCATED ON THE NORTHWEST CORNER OF A CONCRETE WALL FOUNDATION BEING 18" HIGH AND 12" WIDE. THE BENCHMARK IS 18" HIGH AND 12" WIDE. THE BENCHMARK IS 18" HIGH AND 12" WIDE. THE BENCHMARK IS 18" HIGH AND 12" WIDE.

FLOOD PLAIN DATA
 THE FLOOD PLAIN DATA IS BASED ON THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) FLOOD PLAIN MAP NO. 17000C0101A. THE FLOOD PLAIN DATA IS BASED ON THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) FLOOD PLAIN MAP NO. 17000C0101A.

LEGEND

PONDING ELEVATION CALCULATIONS

INLET 1
 CATCH BASIN 1 (CB 1) @ 10' x 10' @ 0.25%
 TIME TO PEAK (T_p) = 1.0 MIN
 VOLUME = (0.100 - 0.040) x 1.0 x 60 = 4.20 CF
 PONDING DEPTH = 0.14 FT

INLET 2
 CATCH BASIN 2 (CB 2) @ 10' x 10' @ 0.25%
 TIME TO PEAK (T_p) = 1.0 MIN
 VOLUME = (0.100 - 0.040) x 1.0 x 60 = 4.20 CF
 PONDING DEPTH = 0.14 FT

INLET 3
 CATCH BASIN 3 (CB 3) @ 10' x 10' @ 0.25%
 TIME TO PEAK (T_p) = 1.0 MIN
 VOLUME = (0.100 - 0.040) x 1.0 x 60 = 4.20 CF
 PONDING DEPTH = 0.14 FT

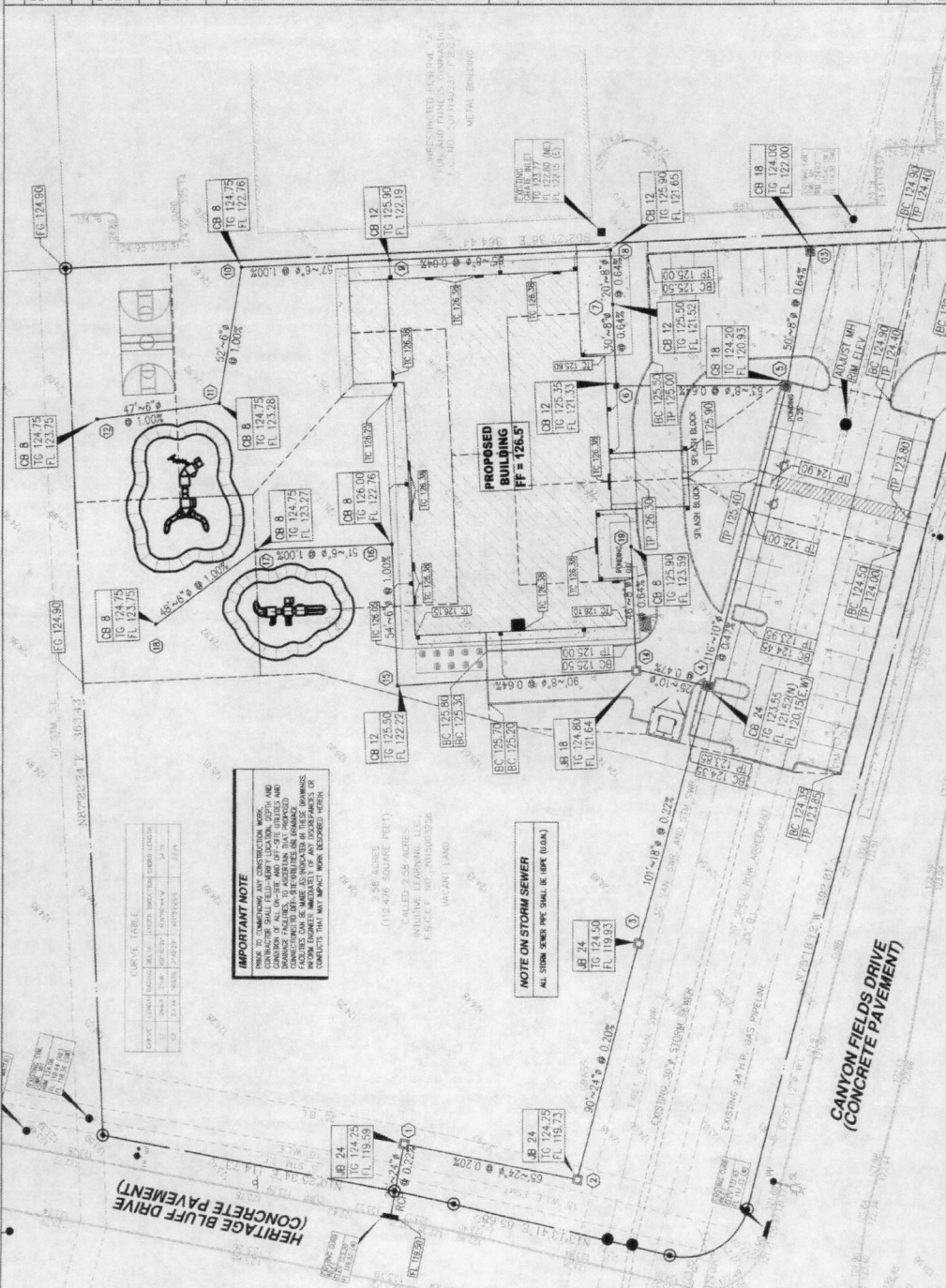
RATIONAL METHOD CALCULATIONS FOR THE 100-YR EVENT, FORT BEND COUNTY DRAINAGE CRITERIA MANUAL

Drainage Area (Acres)	Runoff Coefficient (C)	Time of Concentration (min)	Peak Discharge (cfs)
0.10	0.50	10	1.00
0.20	0.50	10	2.00
0.30	0.50	10	3.00
0.40	0.50	10	4.00
0.50	0.50	10	5.00
0.60	0.50	10	6.00
0.70	0.50	10	7.00
0.80	0.50	10	8.00
0.90	0.50	10	9.00
1.00	0.50	10	10.00

PROPOSED BUILDING
 FF = 126.5'

NOTE ON STORM SEWER
 ALL STORM SEWER PIPE SHALL BE 18" DIA.

IMPORTANT NOTE
 THE DESIGNER SHALL VERIFY THE EXISTING CONDITIONS OF ALL UTILITIES AND CONDUITS BEFORE CONSTRUCTION. THE DESIGNER SHALL VERIFY THE EXISTING CONDITIONS OF ALL UTILITIES AND CONDUITS BEFORE CONSTRUCTION.



PROPERTIES

NO.	DATE	ISSUED FOR	DATE
1	04/09/19	PERMIT	
2	07/24/19	REVISION	
3	07/24/19	REVISION	
4	07/24/19	REVISION	
5	07/24/19	REVISION	
6	07/24/19	REVISION	
7	07/24/19	REVISION	
8	07/24/19	REVISION	
9	07/24/19	REVISION	
10	07/24/19	REVISION	
11	07/24/19	REVISION	
12	07/24/19	REVISION	
13	07/24/19	REVISION	
14	07/24/19	REVISION	
15	07/24/19	REVISION	
16	07/24/19	REVISION	
17	07/24/19	REVISION	
18	07/24/19	REVISION	
19	07/24/19	REVISION	
20	07/24/19	REVISION	

INTERFIELD
 engineering | architecture
 401 STUEBECK SUITE 800 TEL: (713) 780-0808
 HOUSTON, TEXAS 77007 WWW.INTERFIELD.COM

SEAL
 STATE OF TEXAS
 PROFESSIONAL ENGINEER
 NO. 109140
 EXPIRES 12/31/2024

DATE: 7/25/19

PROPERTY LEGAL DESCRIPTION
 THE SOUTHWEST CORNER OF THE EAST HALF OF SECTION 10, T12N, R10E, DISTRICT NO. 142, FORT BEND COUNTY, TEXAS.

BENCHMARK DATA
 IMPROVING BEING AN ALUMINUM BOX LOCATED ON THE NORTHWEST CORNER OF A CONCRETE WALL FOUNDATION BEING 18" HIGH AND 12" WIDE. THE BENCHMARK IS 18" HIGH AND 12" WIDE. THE BENCHMARK IS 18" HIGH AND 12" WIDE.

FLOOD PLAIN DATA
 THE FLOOD PLAIN DATA IS BASED ON THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) FLOOD PLAIN MAP NO. 17000C0101A. THE FLOOD PLAIN DATA IS BASED ON THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) FLOOD PLAIN MAP NO. 17000C0101A.

LEGEND

PONDING ELEVATION CALCULATIONS

INLET 1
 CATCH BASIN 1 (CB 1) @ 10' x 10' @ 0.25%
 TIME TO PEAK (T_p) = 1.0 MIN
 VOLUME = (0.100 - 0.040) x 1.0 x 60 = 4.20 CF
 PONDING DEPTH = 0.14 FT

INLET 2
 CATCH BASIN 2 (CB 2) @ 10' x 10' @ 0.25%
 TIME TO PEAK (T_p) = 1.0 MIN
 VOLUME = (0.100 - 0.040) x 1.0 x 60 = 4.20 CF
 PONDING DEPTH = 0.14 FT

INLET 3
 CATCH BASIN 3 (CB 3) @ 10' x 10' @ 0.25%
 TIME TO PEAK (T_p) = 1.0 MIN
 VOLUME = (0.100 - 0.040) x 1.0 x 60 = 4.20 CF
 PONDING DEPTH = 0.14 FT

RATIONAL METHOD CALCULATIONS FOR THE 100-YR EVENT, FORT BEND COUNTY DRAINAGE CRITERIA MANUAL

Drainage Area (Acres)	Runoff Coefficient (C)	Time of Concentration (min)	Peak Discharge (cfs)
0.10	0.50	10	1.00
0.20	0.50	10	2.00
0.30	0.50	10	3.00
0.40	0.50	10	4.00
0.50	0.50	10	5.00
0.60	0.50	10	6.00
0.70	0.50	10	7.00
0.80	0.50	10	8.00
0.90	0.50	10	9.00
1.00	0.50	10	10.00

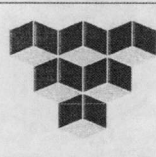
PROPERTIES

NO.	DATE	ISSUED FOR	DATE
1	04/09/19	PERMIT	
2	07/24/19	REVISION	
3	07/24/19	REVISION	
4	07/24/19	REVISION	
5	07/24/19	REVISION	
6	07/24/19	REVISION	
7	07/24/19	REVISION	
8	07/24/19	REVISION	
9	07/24/19	REVISION	
10	07/24/19	REVISION	
11	07/24/19	REVISION	
12	07/24/19	REVISION	
13	07/24/19	REVISION	
14	07/24/19	REVISION	
15	07/24/19	REVISION	
16	07/24/19	REVISION	
17	07/24/19	REVISION	
18	07/24/19	REVISION	
19	07/24/19	REVISION	
20	07/24/19	REVISION	

DATE	ISSUED FOR	DATE
11/26/15	CLEAR REVIEW	
07/14/16	PERMIT	
04/08/16	PERMIT	

DATE	ISSUED FOR	DATE
11/26/15	CLEAR REVIEW	
07/14/16	PERMIT	
04/08/16	PERMIT	

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INSTITUTE LEARNING CENTER
 DAY CARE CENTER
 28568 CANYON WILDS DR
 RICHMOND, TX 77466
 PROJECT # 15098.25
 DRAWN BY: BJA
 CHECKED BY: SCC
 04/19/16

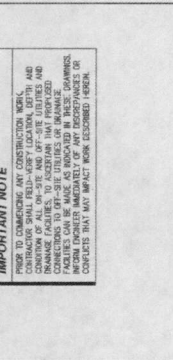
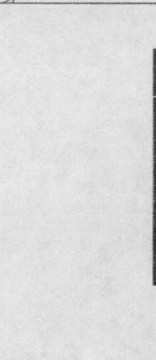
LEGEND

PROPERTY LINE
 STABILIZED CONSTRUCTION ACCESS
 PROPOSED STORM CATCH BASIN
 FILTER FABRIC FENCE
 EXISTING CONSTRUCTION ACCESS

SYMBOL: X-REF

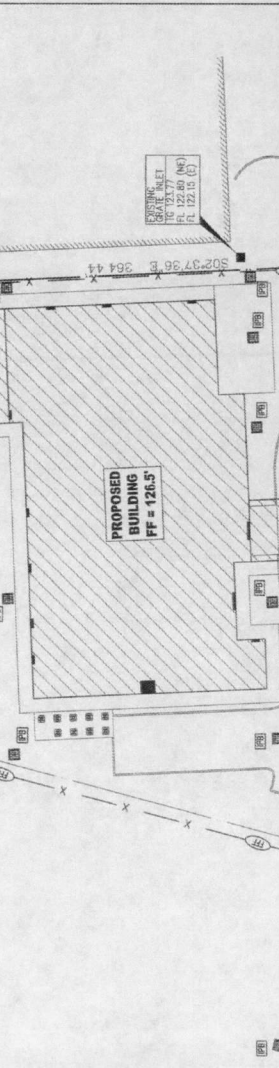
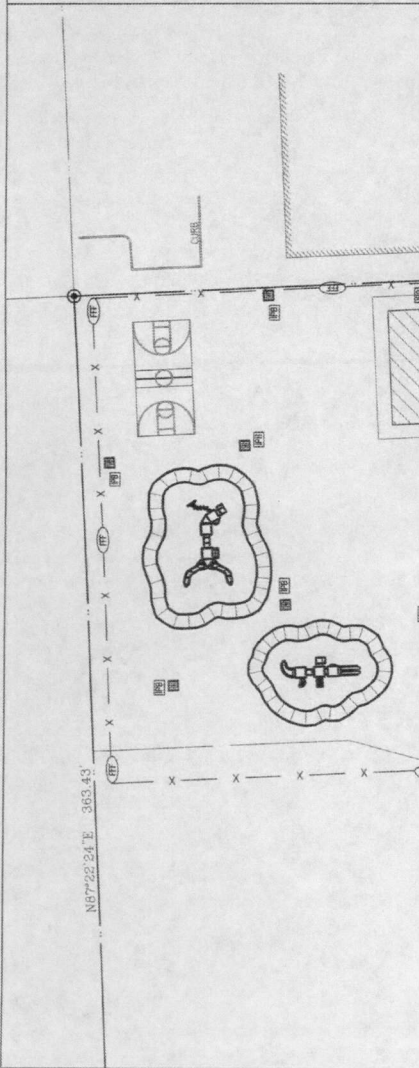
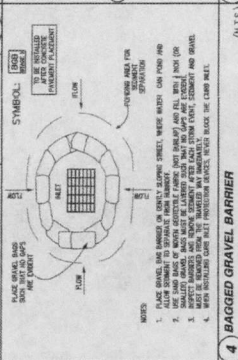
CONSTRUCTION NOTES:

1. STRAW BALE SHALL BE AS SHOWN ON THE CONSTRUCTION DRAWINGS, BUT NOT LESS THAN 18" HIGH.
2. STRAW BALE SHALL BE NOT LESS THAN 8 BALE.
3. STRAW BALE SHALL BE NOT LESS THAN 18" HIGH.
4. STRAW BALE SHALL BE NOT LESS THAN 18" HIGH.
5. STRAW BALE SHALL BE NOT LESS THAN 18" HIGH.
6. STRAW BALE SHALL BE NOT LESS THAN 18" HIGH.
7. STRAW BALE SHALL BE NOT LESS THAN 18" HIGH.
8. STRAW BALE SHALL BE NOT LESS THAN 18" HIGH.



CONSTRUCTION NOTES:

1. FILTER FABRIC SHALL BE 100% POLYPROPYLENE WITH A WEIGHT OF 1.0 LB/SYD.
2. FILTER FABRIC SHALL BE 100% POLYPROPYLENE WITH A WEIGHT OF 1.0 LB/SYD.
3. FILTER FABRIC SHALL BE 100% POLYPROPYLENE WITH A WEIGHT OF 1.0 LB/SYD.
4. FILTER FABRIC SHALL BE 100% POLYPROPYLENE WITH A WEIGHT OF 1.0 LB/SYD.



IMPORTANT NOTE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND OFFICIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND OFFICIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND OFFICIALS.

APPROVED: *[Signature]*
 DEVELOPMENT COORDINATOR
 DATE: 7/16



