

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: 2018-17892

Applicant: Teddy's House LLC/Jim Lawless AIA

Job Location Site: 8717 Scanlan Trace, Missouri City, TX 77459

Bond No. **Date of Bond:** **Amount:** \$5,000.00

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 6th day of February, 2018, Upon Motion of Commissioner Mayers, 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.

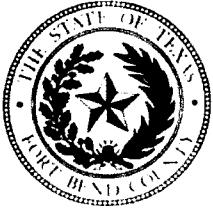
Signature
By: Charles O. Ay
County Engineer

By: N/A
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.

Date Recorded 2-12-2018 Comm. Court No. 15 B

Clerk of Commissioners Court
By: Arden Walker
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@fortbendcountytx.gov

- Right of Way Permit
- Commercial Driveway Permit

Permit No: 2018-17892

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: _____ Amount: _____
- Cashier's Check Check No: [REDACTED] Amount: \$5,000.00

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

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

Charly O. AM

Permit Administrator

1/26/2018

Date

AllianceBank

P.O. BOX 41314
Houston, TX 77241-1314

CASHIERS CHECK

35-2572/1130

THIS DOCUMENT HAS A MICRO-PRINT SIGNATURE LINE, ARTIFICIAL WATERMARK AND A SECURITY SCREEN. ABSENCE OF THESE FEATURES WILL INDICATE A COPY

Date: 12/21/17

Five Thousand and 00/100*****

\$ *****5,000.00

Pay to the Fort Bend County
Order of

TWO SIGNATURES REQUIRED OVER \$10,000

Wistful
President

Teddys House LLC
Remiter

DATE	DOLLARS	CENTS
CURRENCY		
COINS		
TOTAL CASH		
CHECKS		
1 Cashier's	5,000	—
2 Check		
3 # 70986		
4		
5		
6 Teddy's		
7 House LLC		
8 Jim Lawless		
9 AIA		
10		
11 Permit #		
12 2018		
13 17892		
14		
15		
16 CEM		
17 2-06-18		
18 15B		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
TOTAL FROM OTHER SIDE OR ATTACHED LIST		
PLEASE RE-ENTER TOTAL HERE	5000	—

**DEPOSIT
TICKET**
TOTAL ITEMS
1

DEPOSITS MAY NOT
BE AVAILABLE FOR
IMMEDIATE WITHDRAWAL.

88-2265/131-111

RE-ENTER GRAND TOTAL
IN SCREENED BOXES

**FORT BEND COUNTY CLERK
REGISTRY FUND**
301 JACKSON
RICHMOND, TX 77469



PROSPERITY BANK
SUGAR LAND BANKING CENTER
14080 SOUTHWEST FREEWAY • SUGAR LAND, TX 77478
281-269-7200 www.prosperitybankusa.com

\$

5000.00

PRINT



Order Confirmation

Fort Bend County, Office of County Clerk

301 Jackson Street
Richmond, TX 77469
U.S.A.

TXCLASS

Order Date: 2/9/2018 Order Number: [REDACTED]

Participant Name: Fort Bend County, Office of County Clerk

Account Name: CCM2018-
17892TeddysHouseLLC

Account Number: [REDACTED] Authorized Linda Willis

Transaction Type: Contribution

Transaction Amount: \$5,000.00

Bank Name: [REDACTED] K

Bank Account No: [REDACTED]

Payment Type: *Please note you have made an ACH Contribution, these funds*


ABA: [REDACTED] *will not be available for withdrawal until the following business*
day.

Payment Instructions:

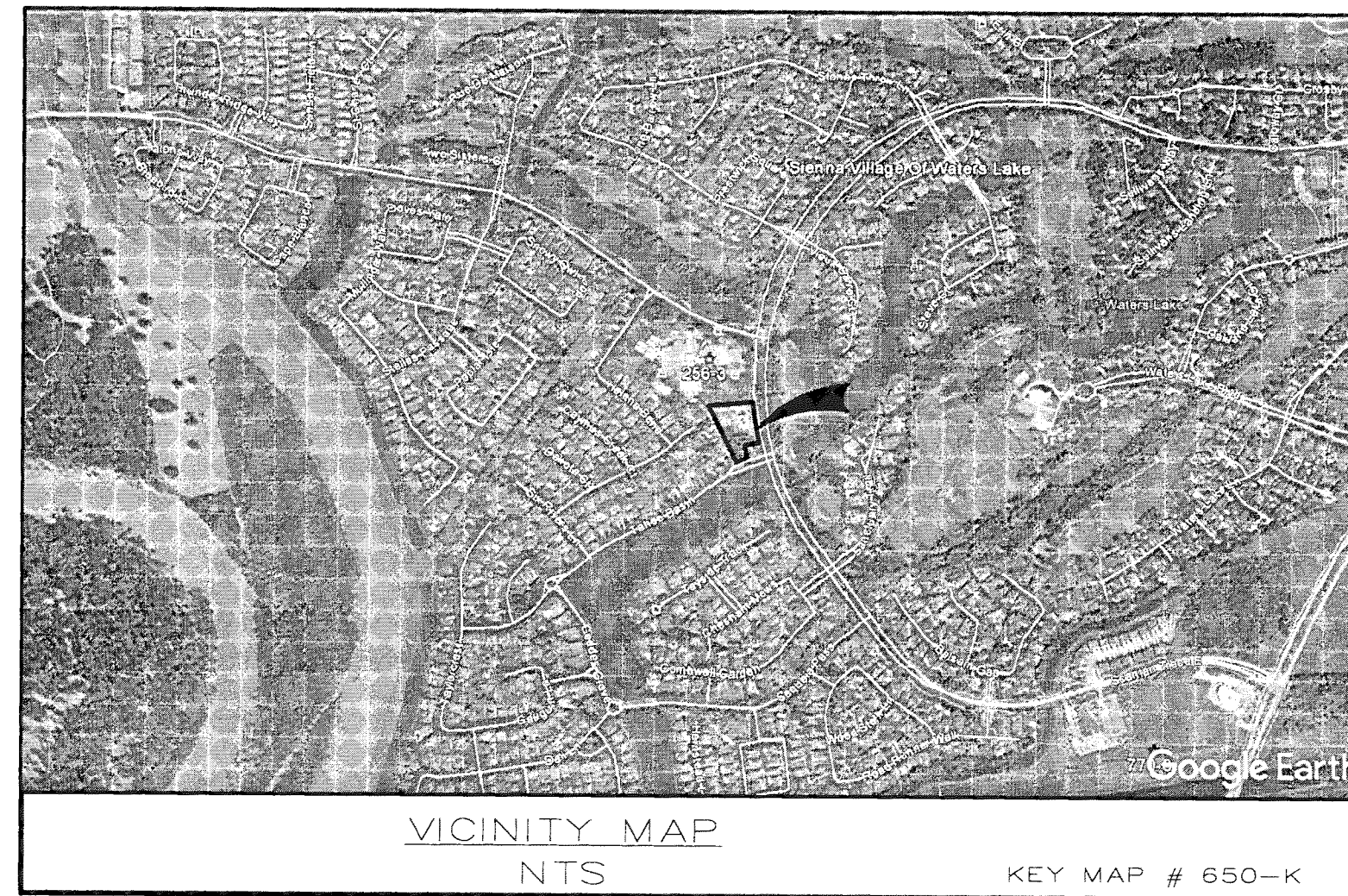
Memo:

Email: clientservices@texasclass.com Tel: (800) 707-6242 Fax: (855) 848-9910 www.texasclass.com

DEPOSIT

PERMIT #	2017-17892
STYLE:	Teddy's House LLC/Jim Lawless AIA
NAME PUT INTO TEXAS CLASS AS:	CCM2018 - 17892
TEXAS CLASS ACCOUNT NUMBER	
DEPOSIT AMOUNT:	\$5,000.00
DATE RECEIVED:	2/6/2018
DATE TRANSFERRED TO TEXAS CLASS:	2/9/2018

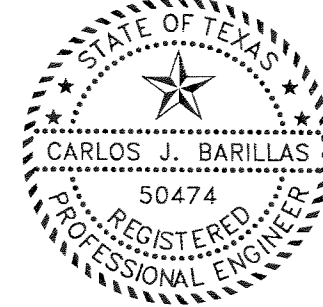
SIENNA KIDS ACADEMY
 LOCATED AT
 8717 SCANLAN TRACE
 MISSOURI CITY, TX 77346



INDEX OF DRAWINGS

SHT. NO.	DESCRIPTION
1	COVER SHEET
2	GRADING & DRAINAGE (C-1)
3	STORM SEWER LAYOUT (C-2)
4	PAVING JOINT LAYOUT (C-3)
5	STORM WATER POLLUTION PREVENTION PLAN (C-4)
6	NOTES & DETAILS (C-5)

TEXAS ENGINEERING & MAPPING CO.
 REGISTRATION # F-2906



Digitally signed by
 Carlos J. Barillas
 Date: 2017.12.15
 11:27:57 -06'00'

Carlos J. Barillas

TEXAS ENGINEERING AND MAPPING
 12810 CENTURY DRIVE
 STAFFORD, TEXAS 77477
 PHONE: (281) 491-2525 FAX: (281) 491-2535
 Job No. 356-52A

FORT BEND COUNTY ENGINEER

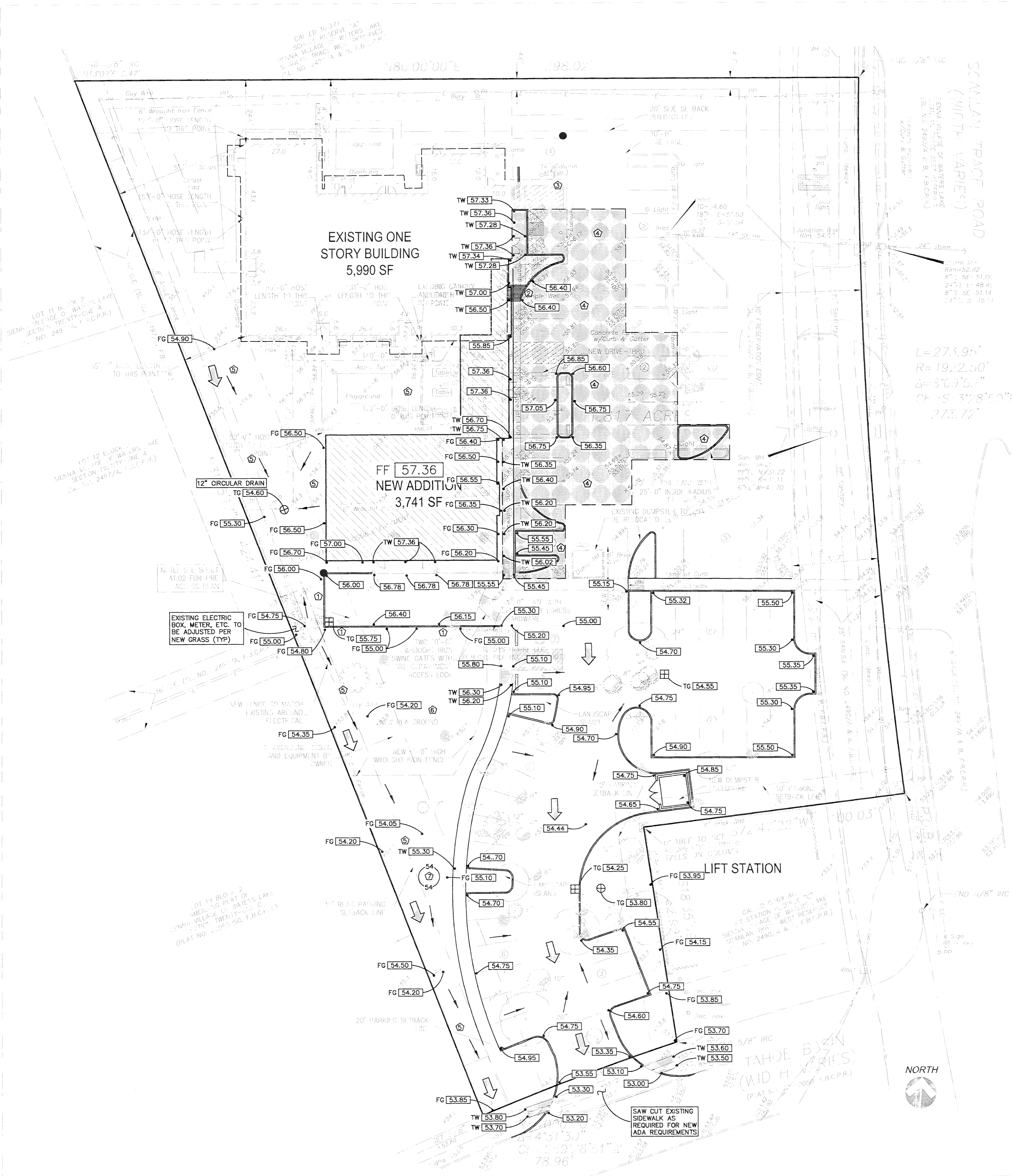
ENGINEER: *Richard W. Stolleis, P.E.*
 For RICHARD W. STÖLLEIS, P.E.

DATE: 12/19/17

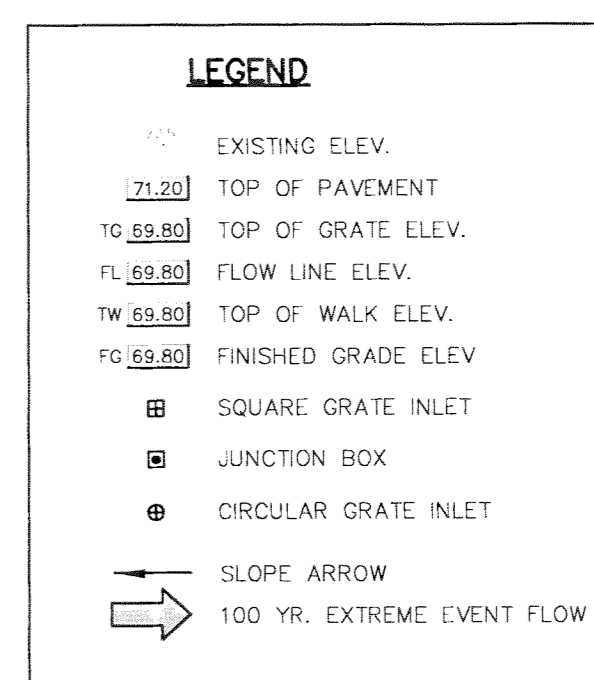
THESE SIGNATURES ARE VOID IF CONSTRUCTION HAS NOT
 COMMENCED IN ONE (1) YEAR FROM DATE OF APPROVAL.

APPROVED: *Asandvick*
 DEVELOPMENT COORDINATOR

DATE: 12/19/17



- SEE C-0 TOPOGRAPHIC SURVEY FOR BENCHMARK INFORMATION.
- SEE SHEET C-0 FOR ADDITIONAL TOPOGRAPHIC INFORMATION.
- ALL SIDEWALKS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2.00% PER ADA REQUIREMENTS.
- CONTRACTOR TO FIELD VERIFY ALL CRITICAL EXISTING ELEV'S, LOCATION AND FLOWLINES OF EXISTING STORM SEWER, DRAINAGE FACILITIES, WATER AND SANITARY SEWER BEFORE COMMENCING ANY CONSTRUCTION.
- COORDINATE WITH ARCHITECT FOR ALL DEMOLITION.
- OWNER TO OBTAIN ALL PERMITS REQUIRED BY THE FORT BEND COUNTY, TEXAS, AND ALL GOVERNMENTAL AUTHORITIES WITH JURISDICTION, PRIOR TO STARTING CONSTRUCTION OF UTILITY AND/OR DRIVEWAYS WITHIN PUBLIC RIGHTS OF WAY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH CIVIL DRAINAGE PLAN AND ASSURE POSITIVE DRAINAGE FROM THE BUILDING OVER THE SIDEWALK AND TO THE PARKING LOT. ANY PROBLEMS ENCOUNTERED DURING CONSTRUCTION SHALL BE COORDINATED WITH THE CIVIL ENGINEER BEFORE FINAL CONSTRUCTION. IF LANDSCAPING BEDS ARE USED ADJACENT TO THE BUILDING CONTRACTOR SHALL ASSURE THAT DRAINAGE IS NOT BLOCKED. REFER TO LANDSCAPE FRENCH DRAIN DETAIL IF NEEDED.
- CONTRACTOR SHALL COORDINATE WITH OWNER, GEOTECHNICAL ENGINEER AND STRUCTURAL ENGINEER FOR SELECT FILL REQUIREMENTS AND PROCEDURES UNDER BUILDING SLABS. SEE SOILS REPORT FOR ALL REQUIRED DESIGN CRITERIA. CONTRACTOR SHALL NOT PROCEED WITH CONSTRUCTION UNTIL THE REQUIRED SELECT FILL PROCEDURE UNDER BUILDING SLABS HAS BEEN APPROVED.
- CONTRACTOR SHALL ALSO COORDINATE WITH SOILS REPORT FOR ALL REQUIRED FILL, COMPACTION AND LIME STABILIZATION UNDER PROPOSED PAVING SECTIONS.
- CLEAN-OUTS, INLETS AND/OR JUNCTION BOXES LOCATED IN PAVEMENT OR SIDEWALK SHALL HAVE TRAFFIC BEARING LIDS OR GRATES.
- SOME OF THE STORM SYSTEM ARE SHALLOW OPTION INSTALLATION FOR SHALLOW INLET
- USE BRICK SHALLOW INLET IF REQUIRED



SLAB ANALYSIS
 MAXIMUM 100 YR. STORM ELEVATION=55.15
 FF=57.36
 THEREFORE FF=2.21 HIGHER THAN THE
 MAXIMUM 100 YR. PONDING ELEVATION

- 1 CURB WITH TURN DOWN BEAM SEE DETAIL ON SHEET C-5
- 2 EXISTING CLEAN OUT TO BE FLUSH WITH NEW WALK
- 3 CONTRACTOR TO FIELD VERIFY EXACT ELEVATION MEETS ADA REQUIREMENTS REMOVE AND REPLACE IF NECESSARY
- 4 EXISTING CONCRETE TO BE REMOVED AND REPLACED AS SHOWN CONTRACTOR TO VERIFY THAT THE SLOPES DO NOT EXCEED ADA REQUIREMENTS
- 5 CONTRACTOR TO ASSURE POSITIVE DRAINAGE
- 6 COORDINATE WITH ARCHITECT FOR DRAINAGE REQUIREMENTS IN NEW PLAYGROUND (TYP)
- 7 10" HDPE FL=52.60 SEE SHEET C-2 FOR ADDITIONAL INFORMATION

APPROVED: *[Signature]*
 DEVELOPMENT COORDINATOR
 DATE: 12/19/17

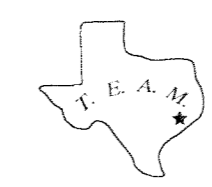
TEXAS ENGINEERING & MAPPING CO.
 REGISTRATION # F-2506



Digitally signed by
 Carlos J. Barillas
 Date: 2017.12.15
 11:28:56 -0600

C-1 GRADING & DRAINAGE
 Scale 1" = 20' JOB NO: 244-20

- SEE SHT C-1 FOR GRADING & DRAINAGE
- SEE SHT C-2 FOR STORM SEWER LAYOUT
- SEE SHT C-3 FOR PAVING JOINT LAYOUT
- SEE SHT C-4 FOR SWPPP
- SEE SHT C-5 FOR NOTES & DETAILS



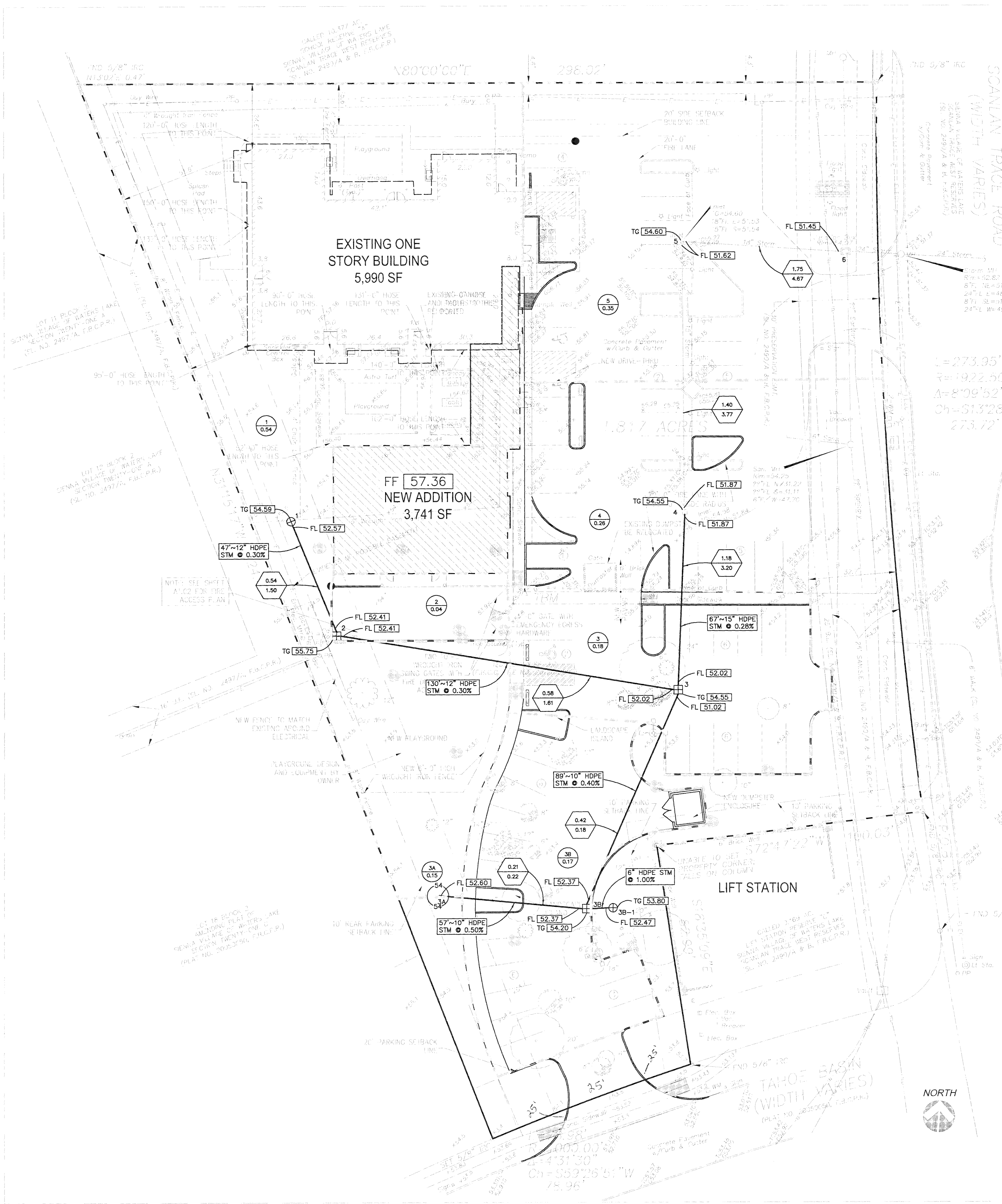
TEXAS ENGINEERING AND MAPPING CO.
 12810 CENTURY DRIVE
 STAFFORD, TEXAS 77477
 PHONE: (281) 491-2525 FAX: (281) 491-2535

JOB NUMBER :
 1708
 DATE :
 10-23-17
 REVISIONS :

A New Addition for:
SIENNA KIDS ACADEMY
 MISSOURI CITY, TX 77359
 8717 SCANLAN TRACE

JIM LAWLESS, AIA, PLLC
 Architects & Planners
 931 Pheasant Valley Dr.
 Suite 220
 Missouri City, Texas
 77469
 (281) 240-6101

DRAWING :
C-1
 COPYRIGHT © 2016
 JIM LAWLESS, AIA, PLLC



STORM SEWER CALCULATIONS
2 YR STORM TABLE

Inlet #	Inlet	Area	A/C	Runoff	Intensity	Sum of (I)(A)	Time of Travel	Reach	Diameter	Hydraulic	Design	Design	Flowline		Elevation		Throat	Total		Ponding	Ponding																			
													Upstream	Downstream	Upstream	Downstream		Upstream	Downstream			Upstream	Downstream																	
1	2	1	0.54	0.54	0.80	3.473	1.50	23.87	0.4093	47	12	0.7854	0.25	0.22	0.211	2.362	3.033	0.15	0.00	53.56	53.56	52.41	53.41	1.914	0.1763	0.0039	0.0234	54.18	54.06	0.10	18	0.79	54.00	55.75	1.04	2.34	-0.42	-1.69		
2	3	2	0.84	0.84	0.80	6.720	1.61	24.08	1.0566	100	12	0.7854	0.25	0.23	0.211	2.369	2.936	0.38	0.00	52.41	52.41	52.02	52.02	2.051	0.2047	0.2691	0.0029	54.08	53.77	0.05	18	0.79	53.75	54.55	2.34	1.63	-1.69	-0.78		
3	4	3	0.18	1.02	0.80	0.864	3.09	25.30	0.4207	15	15	1.2722	0.125	0.17	0.211	3.367	3.233	0.191	0.00	52.02	52.02	51.84	51.84	53.09	2.925	0.2454	0.1544	0.0027	53.77	53.55	0.23	24	1.40	54.55	54.55	1.28	1.48	-0.78	-1.03	
4	5	4	0.25	1.44	0.80	1.125	3.362	3.67	25.58	0.5567	102	15	1.2722	0.125	0.22	0.211	4.111	3.553	0.290	0.00	51.84	51.84	51.79	51.79	3.155	0.3621	0.2670	0.0773	53.55	53.10	0.22	24	1.40	54.55	54.55	1.43	1.61	-1.03	-1.50	
5	6	5	0.25	1.73	0.80	1.425	3.334	4.77	26.08	1.401	65	15	1.2722	0.125	0.22	0.211	5.552	2.942	0.13	0.00	51.84	51.84	51.41	51.41	52.91	2.702	0.2270	0.1945	0.0267	53.10	52.91	0.43	24	1.40	54.55	54.55	1.59	2.09	-1.51	-2.09
5A	3B	3A	0.15	0.15	0.40	0.060	3.015	0.22	22.16	2.005	55	10	0.5454	0.200	0.40	0.211	1.533	3.003	0.22	0.00	52.00	52.00	52.00	52.00	0.359	0.0054	0.0012	0.022	52.21	52.21	0.10	18	0.79	54.00	54.25	0.57	1.04	-0.78	-1.04	
5B	3	3B	0.21	0.42	0.80	0.336	3.587	1.18	23.58	0.6865	88	10	0.5454	0.200	0.40	0.211	1.533	3.003	0.268	0.00	52.00	52.00	52.02	52.02	2.161	0.2398	0.2579	0.0052	53.15	52.96	0.27	18	0.79	54.25	54.55	1.04	1.69	-1.10	-1.69	
5C-1	3B	3C-1	0.06	0.06	0.80	0.048	3.701	0.16	21.08	0.4656	9	10	0.5454	0.200	0.50	0.211	1.531	3.371	0.046	0.00	14.47	15.00	14.40	15.00	0.226	0.0056	0.0009	0.0008	15.26	15.26	0.00	18	0.79	19.55	19.50	4.35	4.24	-4.26	-4.24	

MAX PONDING IN 100 YR STORM

	MAX 100 YR ELEV	FF ELEV	DIFF FT
at # 4	55.7	57.37	1.67
at # 3	55.1	57.37	2.27
at # 2	55.7	57.37	1.67
at # 1	55	57.37	2.37
at # 3A	54.2	57.37	3.17
at # 3B	54.75	57.37	2.62

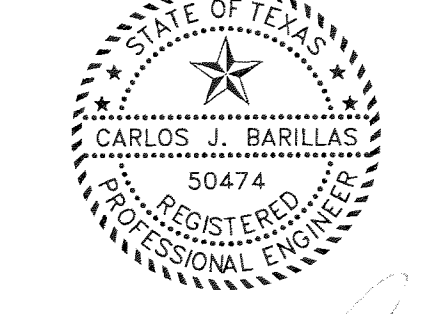
REQUIREMENT PER COUNTY = 12" MINIMUM

- SEE C-0 TOPOGRAPHIC SURVEY FOR BENCHMARK INFORMATION.
- SEE SHEET C-0 FOR ADDITIONAL TOPOGRAPHIC INFORMATION.
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- CAUTION WITH STORM SEWER AT ALL INLETS ARE EXTREMELY SHALLOW CONTRACTOR TO USE EXTREME CAUTION DURING SUB-GRADE STABILIZATION PROCESS.
- CONTRACTOR TO FIELD VERIFY EXISTING FLOWLINES BEFORE STARTING STORM SEWER WORK.

LEGEND

- EXISTING ELEV.
- TOP OF PAVEMENT
- TOP OF GRATE ELEV.
- FLOW LINE ELEV.
- TOP OF WALK ELEV.
- FINISHED GRADE ELEV.
- SQUARE GRATE INLET
- JUNCTION BOX
- CIRCULAR GRATE INLET
- SLOPE ARROW
- EXTREME EVENT FLOW
- ACCUMULATIVE ACREAGE
- ACCUMULATIVE CFS (2-YR)
- AREA NUMBER
- ACREAGE
- DRAINAGE AREA MAP

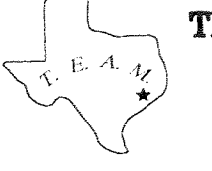
TEXAS ENGINEERING & MAPPING CO.
REGISTRATION # F-2906



Digitally signed by Carlos J. Barillas
Date: 2017.12.15 11:29:53 -0600

C-2 STORM SEWER LAYOUT
Scale 1" = 20' JOB NO: 244-20

- SEE SHT C-1 FOR GRADING & DRAINAGE
- SEE SHT C-2 FOR STORM SEWER LAYOUT
- SEE SHT C-3 FOR PAVING JOINT LAYOUT
- SEE SHT C-4 FOR SWPPP
- SEE SHT C-5 FOR NOTES & DETAILS



TEXAS ENGINEERING AND MAPPING CO.
12810 CENTURY DRIVE
STAFFORD, TEXAS 77477
PHONE: (281) 491-2525 FAX: (281) 491-2535

APPROVED: *[Signature]*
DEVELOPMENT COORDINATOR
DATE: 12/19/17

JOB NUMBER :
1708
DATE :
10-23-17
REVISIONS :

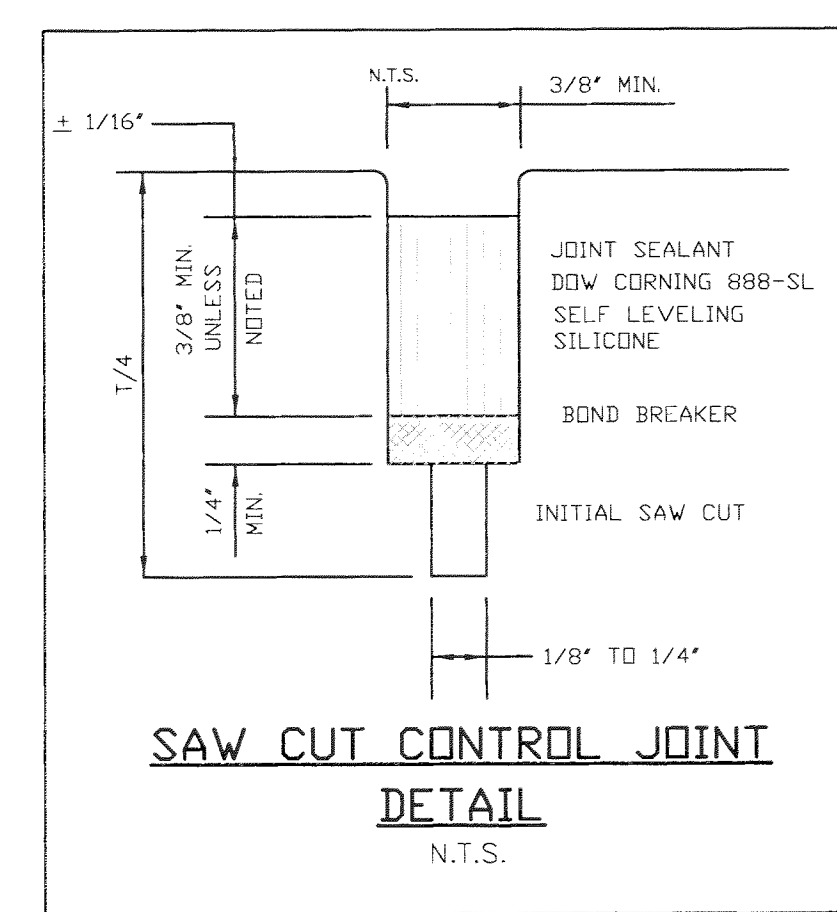
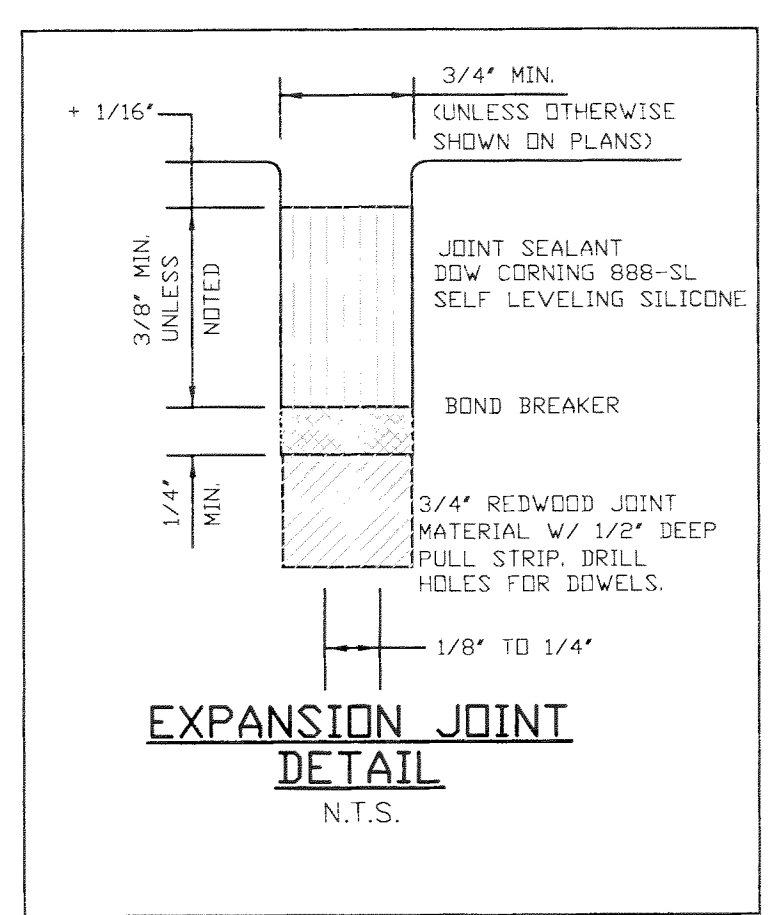
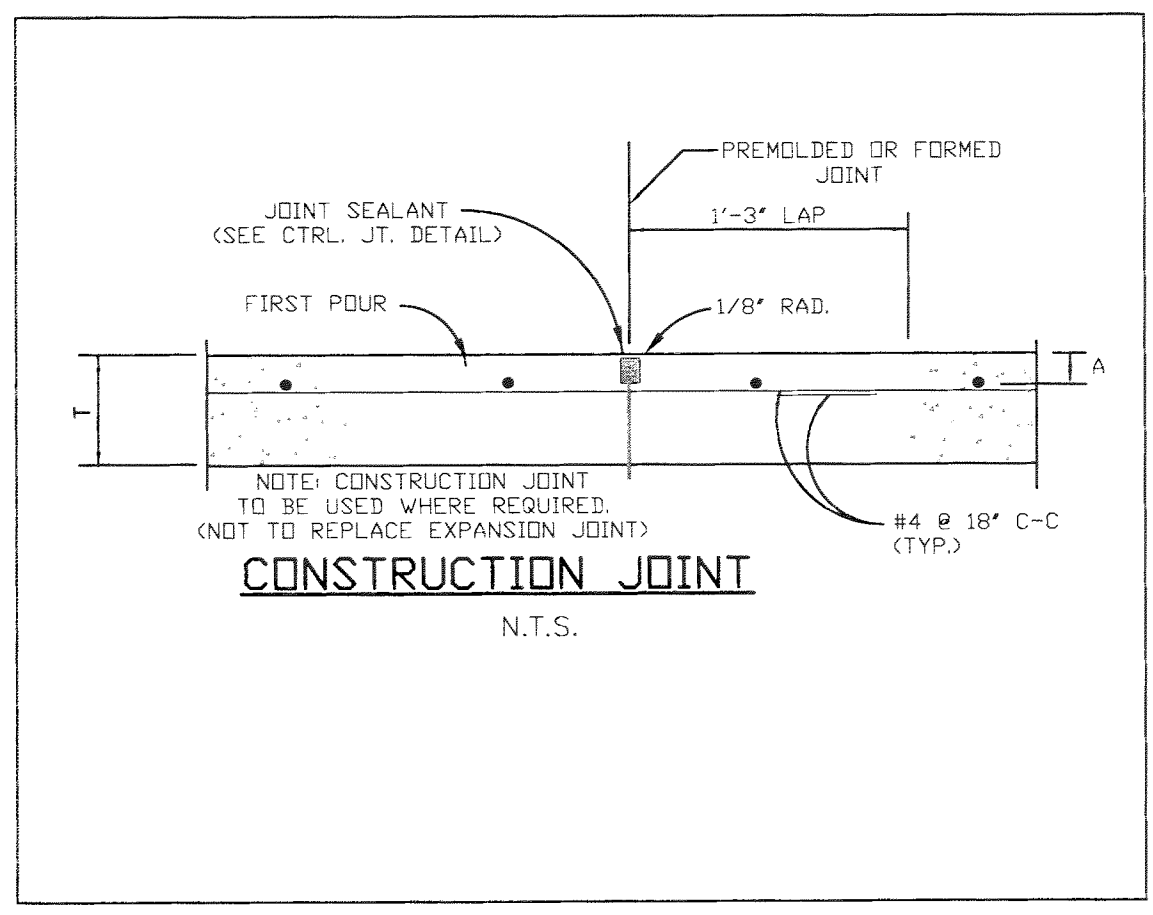
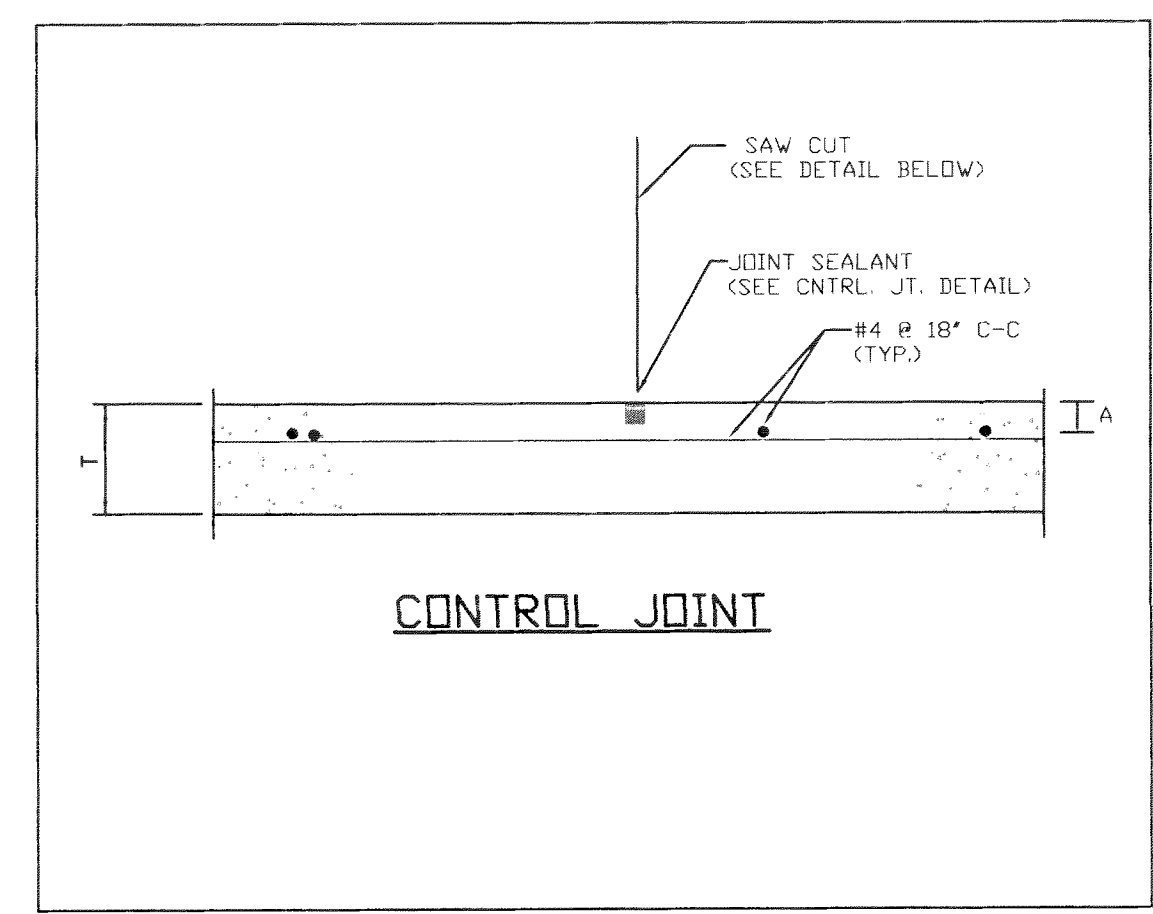
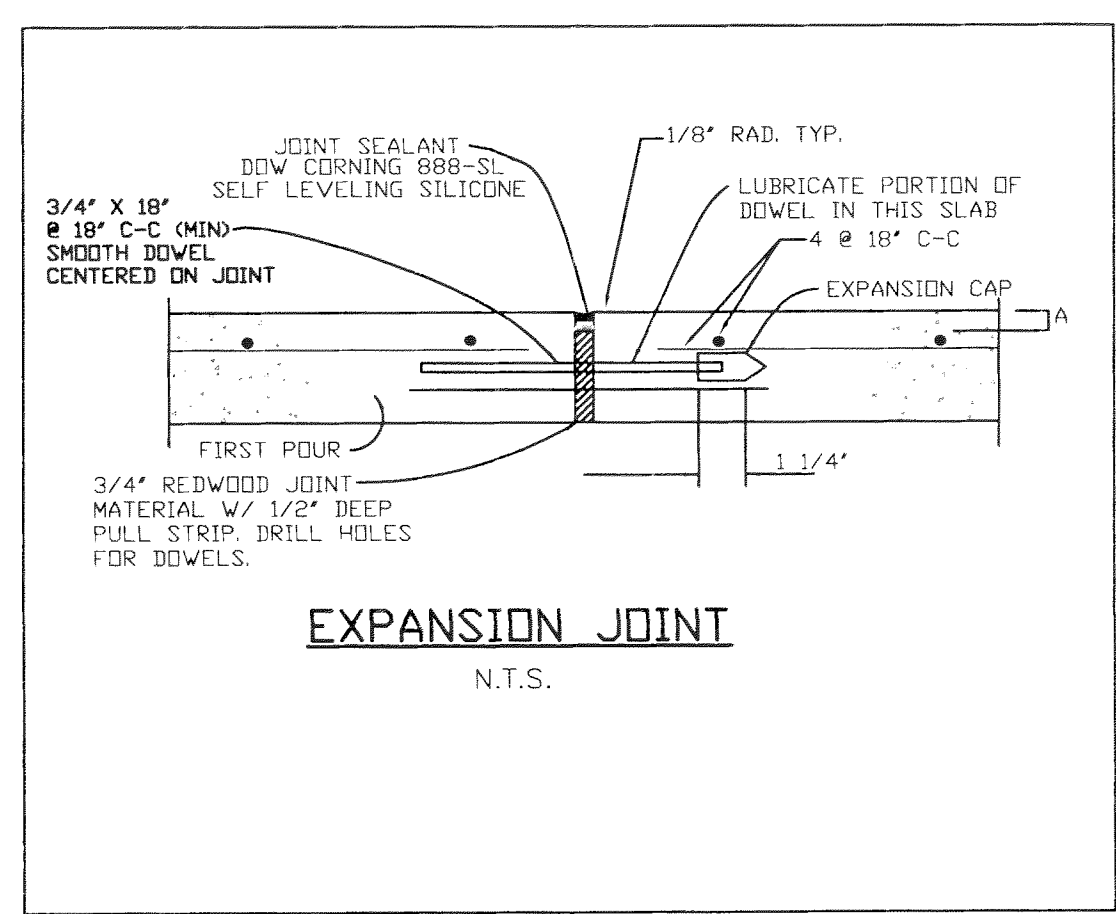
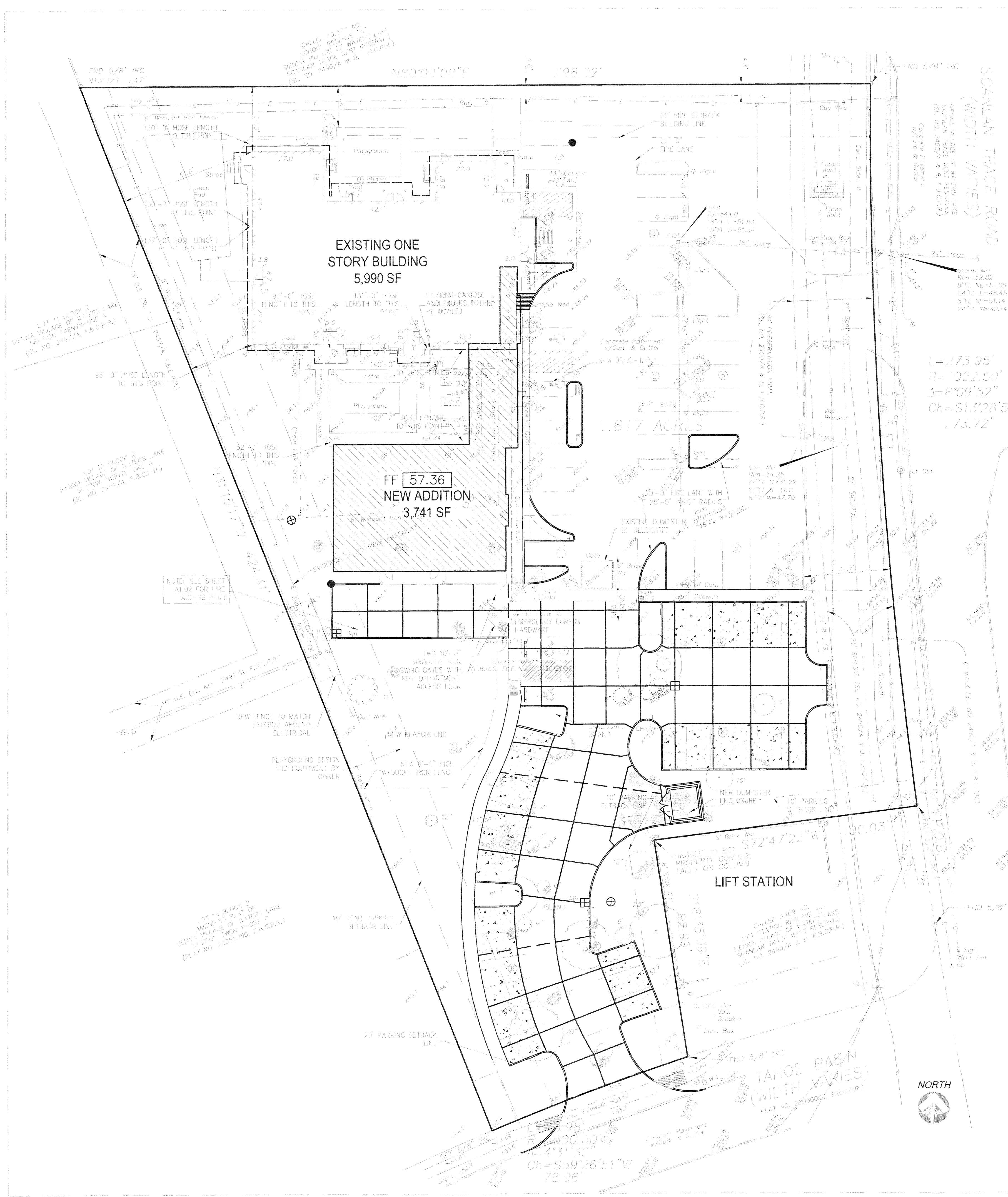
A New Addition for :
SIENNA KIDS ACADEMY

MISSOURI CITY, TX 77359

8717 SCANLAN TRACE

JIM LAWLESS, AIA, PLLC
Architect & Planner
931 Pheasant Valley Dr.
Suite 220
Missouri City, Texas
77469
(281) 240-6101

DRAWING :
C-2

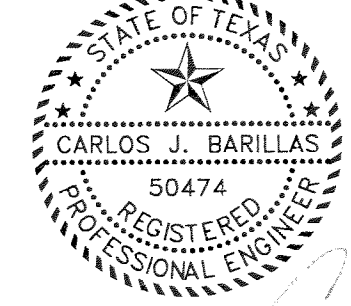


SCHEDULE	
SLAB THICKNESS (IN)	COVER (IN)
4	2
5	2
6	2
7	2-3/8

FOR ADDITIONAL PAVING AND SWPPP NOTES AND DETAILS REFER TO SHEET C-4

LEGEND	
---	ISOLATION JOINT
- - -	EXPANSION JOINT
---	CONTROL OR CONSTRUCTION JOINT
■	SQUARE GRATE INLET
□	JUNCTION BOX
▨	5" THICK CONCRETE PAVEMENT
▩	6" THICK CONCRETE PAVEMENT
▧	7" THICK CONCRETE PAVEMENT

TEXAS ENGINEERING & MAPPING CO.
REGISTRATION # 2906



Digitally signed by Carlos J. Barillas
Date: 2017.12.15 11:30:26 -06'00'

C-3 PAVING JOINT LAYOUT
Scale 1" = 20' JOB NO: 244-20

SEE SHT C-1 FOR GRADING & DRAINAGE LAYOUT
SEE SHT C-2 FOR STORM SEWER LAYOUT
SEE SHT C-3 FOR PAVING JOINT LAYOUT
SEE SHT C-4 FOR SWPPP
SEE SHT C-5 FOR NOTES & DETAILS



TEXAS ENGINEERING AND MAPPING CO.
12810 CENTURY DRIVE
STAFFORD, TEXAS 77477
PHONE: (281) 491-2525 FAX: (281) 491-2535

APPROVED: [Signature]
DEVELOPMENT COORDINATOR
DATE: 12/19/17

JOB NUMBER : 1708
DATE : 10-23-17
REVISIONS :

A New Addition for:
SIENNA KIDS ACADEMY

MISSOURI CITY, TX 77359

8717 SCANLAN TRACE

JIM LAWLESS, AIA, PLLC
Architects & Planners
931 Pheasant Valley Dr.
Suite 220
Missouri City, Texas 77489
(281) 240-6101

DRAWING :
C-3

JOB NUMBER :
1708
DATE :
10-23-17
REVISIONS :

MISSOURI CITY, TX 77359

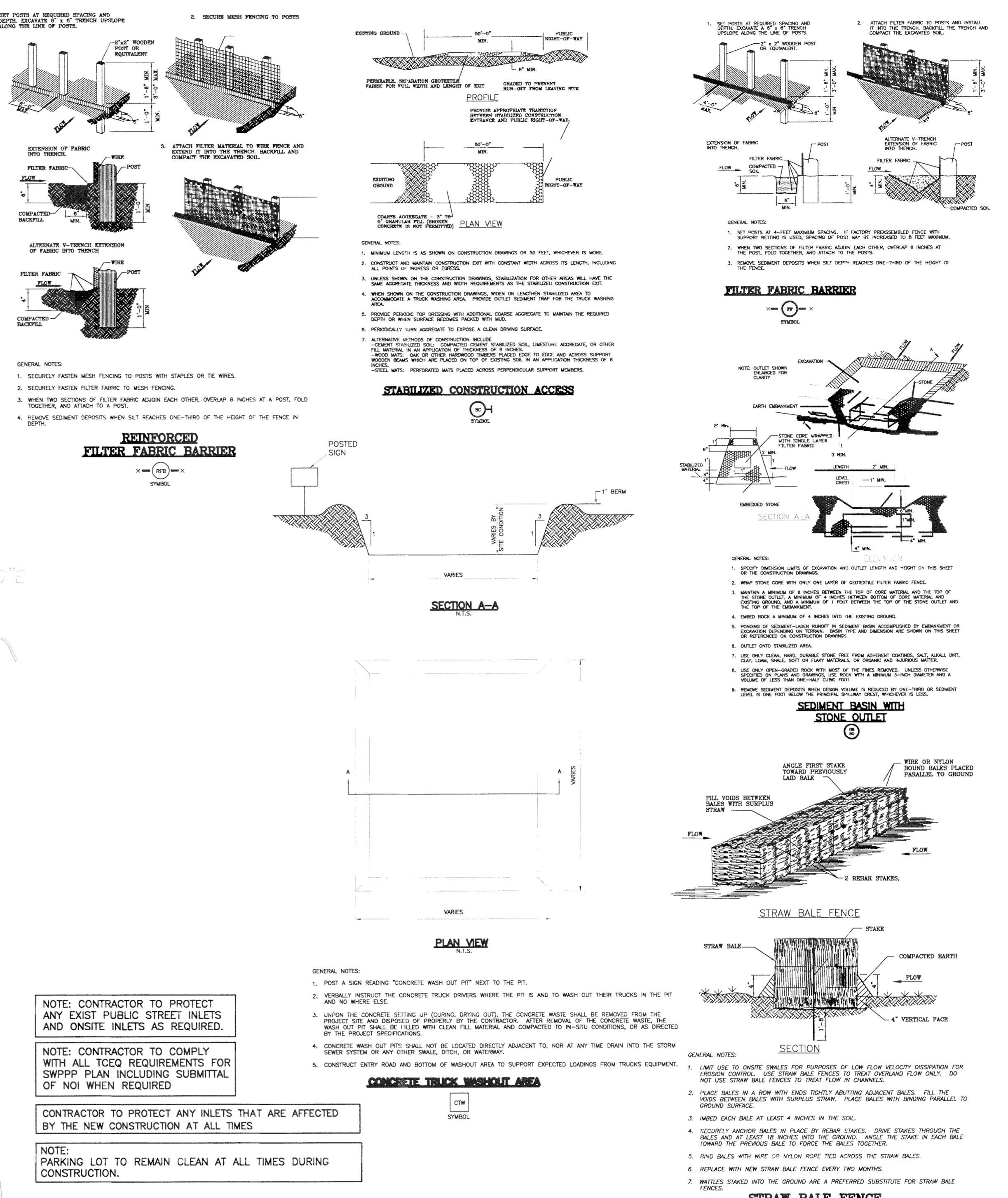
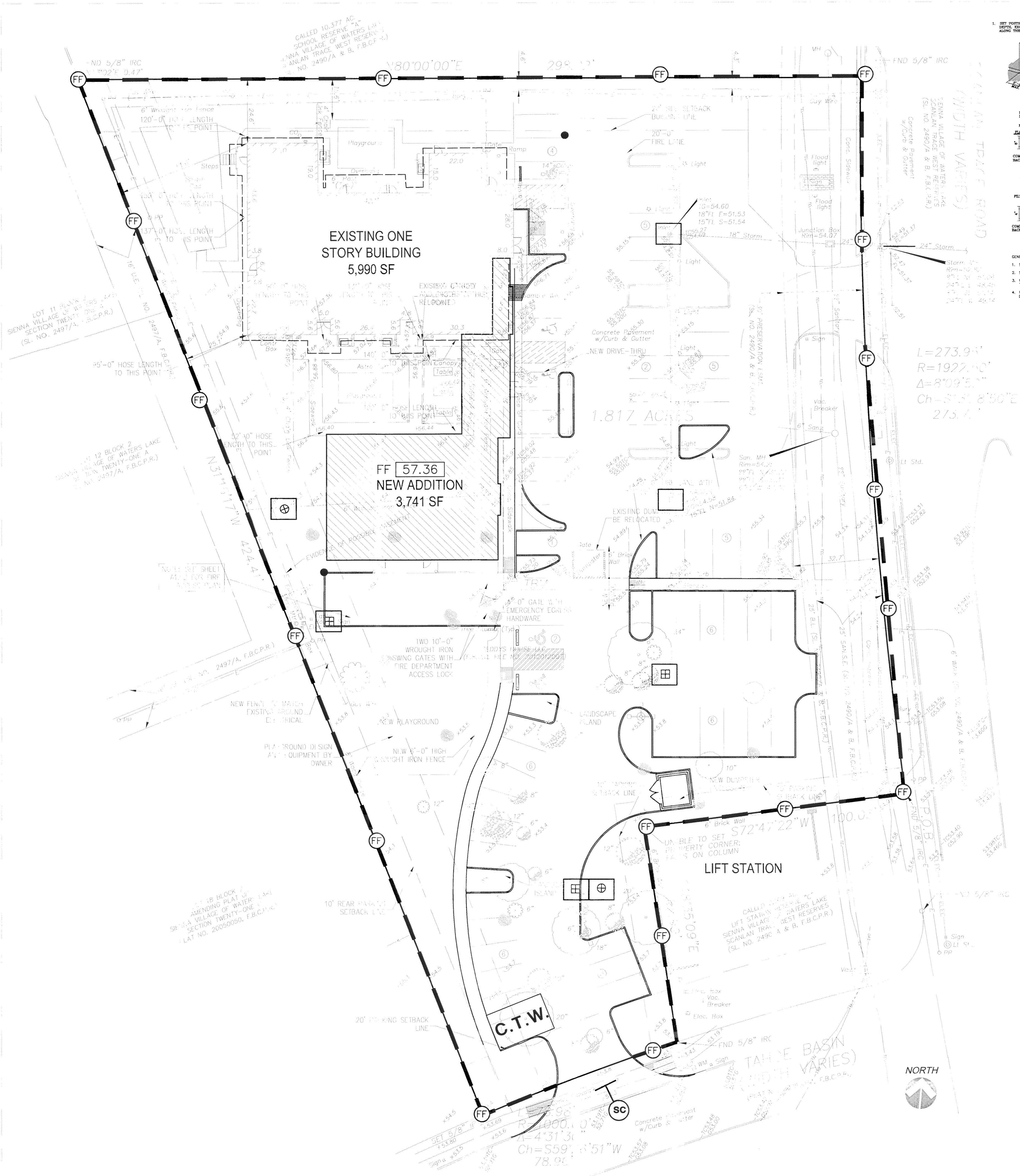
A New Addition for:
SIENNA KIDS ACADEMY
8717 SCANLAN TRACE

JIM LAWLESS, AIA, PLLC
Architects & Planners
931 Pheasant Valley Dr.
Suite 220
Missouri City, Texas 77459
(281) 240-6101

DRAWING :

C-4

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JIM LAWLESS, AIA, PLLC



NOTE: CONTRACTOR TO PROTECT ANY EXIST PUBLIC STREET INLETS AND ONSITE INLETS AS REQUIRED.

NOTE: CONTRACTOR TO COMPLY WITH ALL TCEQ REQUIREMENTS FOR SWPPP PLAN INCLUDING SUBMITTAL OF NOI WHEN REQUIRED.

CONTRACTOR TO PROTECT ANY INLETS THAT ARE AFFECTED BY THE NEW CONSTRUCTION AT ALL TIMES.

NOTE: PARKING LOT TO REMAIN CLEAN AT ALL TIMES DURING CONSTRUCTION.

LEGEND

IPB	INLET PROTECTION BARRIER
FF	FILTER FABRIC FENCE
SC	STABILIZED CONSTRUCTION EXIT (LOCATION TO BE CONFIRMED BY CONTRACTOR)
CTW	CONCRETE TRUCK WASH (LOCATION TO BE CONFIRMED BY CONTRACTOR)

APPROVED: *[Signature]*
DEVELOPMENT COORDINATOR

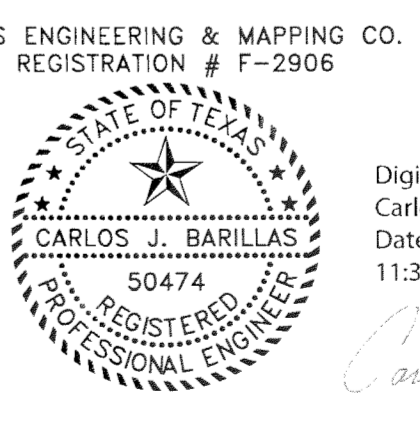
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STORM WATER POLLUTION PREVENTION PLAN

Scale 1" = 20' JOB NO: 244-20

SEE SHT C-1 FOR GRADING & DRAINAGE
SEE SHT C-2 FOR STORM SEWER LAYOUT
SEE SHT C-3 FOR PAVING JOINT LAYOUT
SEE SHT C-4 FOR SWPPP
SEE SHT C-5 FOR NOTES & DETAILS

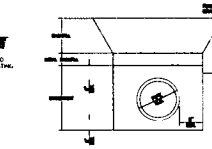
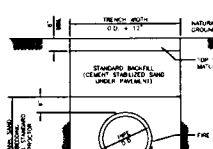
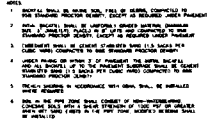
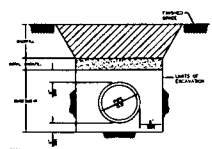
TEXAS ENGINEERING AND MAPPING CO.
12810 CENTURY DRIVE
STAFFORD, TEXAS 77477
PHONE: (281) 491-2525 FAX: (281) 491-2535



Digitally signed by
Carlos J. Barillas
Date: 2017.12.15
11:31:08 -06'00'

CONSTRUCTION NOTES

1. Storm sewer pipe, 18"-12" diameter or larger shall be reinforced concrete meeting A.S.T.M. C-75. 12" Dia. or less bedding, backfilling and installation of pipe and construction of manholes shall be in accordance with Fort Bend County and local ordinances.
2. Storm sewer pipe shall be A.S.T.M. 15.35 High Density Polyethylene Pipe with a 5" x 10" x 1/2" A.S.T.M. F-1361 15.35 High Density Polyethylene Manhole. The bedding, backfilling and installation of pipe and construction of manholes shall be in accordance with Fort Bend County and local ordinances.
3. A. Utilities located on these drawings are shown at the appropriate locations based on the best available information. The contractor shall be responsible for the field location and for correcting conditions. He shall be fully responsible for any and all damages caused by the failure to locate, locate and mark these underground utilities.
4. Contractor shall provide manhole access at all points of crossing to determine if conflict exists before commencing any construction. Notify the Engineer at once if any conflict.
5. Where concrete pipe is used, a reinforced concrete section shall be 6" thicker above top of pavement or existing floor. Coordinate with architect and owner.
6. A. 18" connection and address provision shall be in accordance with local requirements.
7. A. Access under or within one (1) foot of driveway or future pavement shall be finished with 1/2" x 3/4" x 1/2" concrete sidewalk to extend one (1) foot of sidewalk.
8. The work shall be performed on or adjacent during darkness and periods of inclement weather in an area of local public access.
9. Contractor shall provide lighting during and during necessary to protect equipment and working utilities during all phases of construction.
10. Utilities are to be taken to a minimum 18" to 24" feet of bedding. See pouring sheets attached for construction of manhole connections into bedding.
11. Contractor shall be responsible for protecting, maintaining, and restoring all drainage system.
12. All finished slopes shall meet minimum grades. Field should be on a minimum 1% slope.
13. Slope of the existing underground utilities shall remain the same as shown on the drawings.
14. Contractor is to notify all utility companies to verify location and depth of all existing utility lines.
15. Contractor to obtain all permits required by all governing agencies.
16. Contractor to coordinate with architect and MEP drawings for connection and location of all conduits and all piping required.
17. Overhead lines shall be on the property. We have not attempted to mark these lines. They are shown on the drawings for your information. You shall be responsible for verifying any construction. Under the Section 222, Health & Safety Code, Section 222.01, it is the responsibility of the contractor to mark all overhead lines (6" feet of the overhead line) and to be responsible for the marking. All contractors are to be responsible for the marking of all construction areas. The use of any such marking and marking shall be in accordance with the marking of a marked utility. Notify the Engineer at 713-201-7777.
18. Contractor shall provide and install traffic control devices in accordance with Part 11 of the Texas Manual on Uniform Traffic Control Devices (see MUTCD) that meet or exceed all relevant local ordinances.
19. CAUTION: UNDERGROUND GAS FACILITIES. Cities may have to reduce gas transmission and for industrial Gas Supply Corporation where applicable are shown in the appropriate location. Service lines are shown as shown. The contractor shall protect the gas lines. Contact the City of Fort Bend at 713-223-1567 or 1-800-849-8341 a minimum of 48 hours prior to construction to give them the chance to mark these underground utilities.
20. When Reliant Energy files the markings are NOT done, call 713-567-8037 (7:00am to 4:30pm) for status of the location request before excavation begins. When Reliant Energy provides the markings, the contractor shall protect the markings. Reliant Energy files the markings in accordance with the applicable local ordinance and applicable procedures.
21. When Reliant Energy files the markings are required, all markings shall be provided to the contractor to protect access to the piping.
22. Excavation shall be performed in accordance with the applicable local ordinance. The contractor shall determine the exact location before commencing work. He shall be responsible for the marking of all construction areas. The use of any such marking and marking shall be in accordance with the marking of a marked utility. Notify the Engineer at 713-201-7777.
23. All existing concrete pipes, right-of-way signs, etc., which affect the proposed construction, shall be removed and replaced as required when shown on drawings or in notes.
24. The contractor shall provide a trench safety system to meet applicable requirements established in Occupational Safety and Health (OSHA) 29 CFR 1926. Subpart P - Excavations, Trenching and Shoring, and OSHA 29 CFR 1926.1010 - Safety and Health - Excavations, Trenching and Shoring, and OSHA 29 CFR 1926.1011 - Safety and Health - Excavations, Trenching and Shoring, and OSHA 29 CFR 1926.1012 - Safety and Health - Excavations, Trenching and Shoring. Should the referenced OSHA standards be modified or updated, the contractor shall comply with the most stringent requirements and shall notify the Engineer at 713-201-7777.

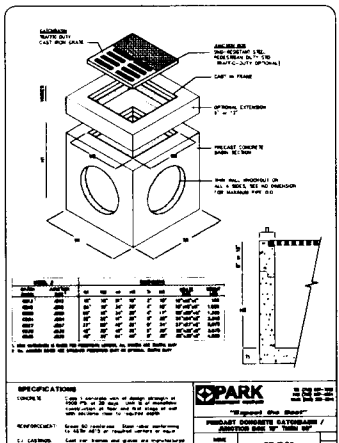
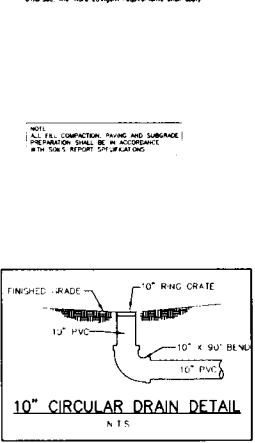
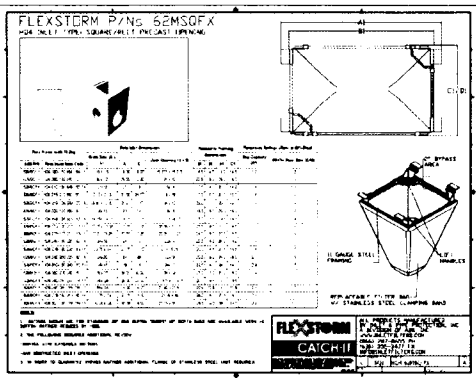
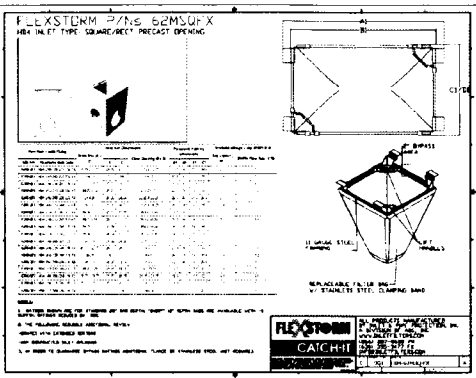
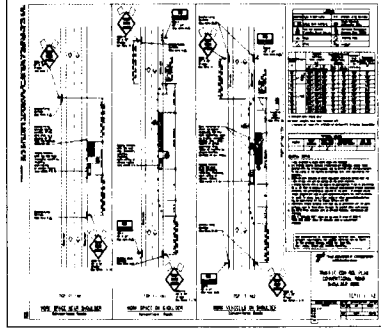
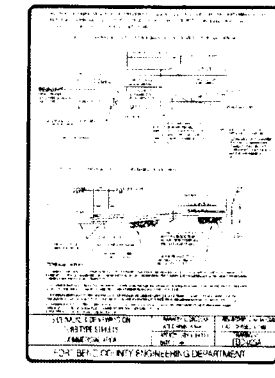


STORM SEWER BEDDING AND BACKFILL

FIRE/WATER MAIN BEDDING AND BACKFILL

CLASS "A-A" SANITARY SEWER BEDDING AND BACKFILL

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CONSTRUCTION GENERAL NOTES

1. FORT BEND COUNTY MUST BE NOTIFIED TO THE PRE-CONSTRUCTION MEETING.
2. CONTRACTOR SHALL NOTIFY FORT BEND COUNTY ENGINEERING DEPARTMENT 48 HOURS PRIOR TO COMMENCING CONSTRUCTION AND 48 HOURS NOTICE TO ANY CONSTRUCTION ACTIVITY WITHIN THE LIMITS OF THE PAVING AT CONSTRUCTION OR RECONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FROM FORT BEND COUNTY PRIOR TO COMMENCING CONSTRUCTION OF ANY IMPROVEMENTS WITHIN COUNTY ROAD RIGHT OF WAY.
4. ALL PAVING IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FORT BEND COUNTY TRAIL REGULATIONS AND REQUIREMENTS RELATING TO THE APPLICABLE AND ACCEPTANCE OF IMPROVEMENTS IN SUBURBS AS CURRENTLY AMENDED.
5. ALL ROADS WITHIN CURBS RACK AND CURB ALIGNMENTS SHOWN INDICATES BACK OF CURBS.
6. CONTINUOUS LONGITUDINAL REINFORCING BAR SHALL BE USED IN THE CURBS.
7. ALL CONCRETE PAVEMENT SHALL BE 5/2" S/C CEMENT WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. TRANSVERSE EXPANSION JOINTS SHALL BE INSTALLED AT EACH CURB RETURN AND AT A MAXIMUM SPACING OF 80 FEET.
8. ALL READER ACCESS TO ALL EXISTING STREETS AND DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES.
9. 4" x 12" REINFORCED CONCRETE CURB SHALL BE PLACED IN FRONT OF SINGLE FAMILY LOTS ONLY. ALL OTHER AREAS SHALL BE 8" REINFORCED CONCRETE CURB.
10. AT ALL INTERSECTION LOCATIONS, TRIP RAMP SHALL BE PLACED IN ACCORDANCE WITH TYPICAL 100-125 STANDARD DETAILS SHEET.
11. ALL INTERSECTION LOCATIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL APPLICABLE AND CURRENTLY AMENDED REGULATIONS.
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APPROVED: _____
DEVELOPMENT COORDINATOR

DATE: _____

NOTES & DETAILS

NOT TO SCALE JOB NO. 244-20

SLL SHI C-1 FOR TOPOGRAPHY, SURVEY
SLL SHI C-2 FOR GRADING & DRAINAGE
SLL SHI C-3 FOR UNDERGROUND UTILITIES
SLL SHI C-4 FOR NOTES & DETAILS
SLL SHI C-5 FOR NOTES & DETAILS

TEXAS ENGINEERING AND MAPPING CO.
12810 CENTURY DRIVE
STAFFORD, TEXAS 77477
PHONE: (817) 491-1820 FAX: (817) 491-1820

JOB NUMBER: 1708
DATE: 09-14-17
REVISIONS:

MISSOURI CITY, TX 77346

SIENNA KIDS ACADEMY
A New Addition for:

8717 SCANLAN TRACE

LAWLESS, NIA, PLLC
Professional Engineer
Sienna Kids Academy
Suite 220
Missouri City, TX 77450
(281) 240-6101

NOT FOR REGULATORY
APPROVAL PERMITTING
OR CONSTRUCTION

DRAWING: C-5