SHADY SHORES TOWN COUNCIL
REGULAR SESSION
JULY 13, 2020; 7:00 PM
VIRTUAL MEETING
SHADY SHORES, TX 76208

THIS WILL BE A VIRTUAL MEETING TOWN HALL WILL NOT BE OPEN. PARTICIPANTS ARE ENCOURAGED TO ATTEND BY COMPUTER OR PHONE USING THE INFORMATION BELOW TO JOIN

Join Zoom Meeting
https://us02web.zoom.us/j/84132723843

Meeting ID: 841 3272 3843
One tap mobile
+13462487799,,84132723843# US (Houston)
+12532158782,,84132723843# US (Tacoma)

CALL TO ORDER

ROLL CALL
Establish a quorum.

PLEDGE ALLEGIANCE TO THE UNITED STATES FLAG AND THE TEXAS FLAG. (HONOR THE TEXAS FLAG; I PLEDGE ALLEGIANCE TO THEE, TEXAS, ONE STATE UNDER GOD, ONE AND INDIVISIBLE.)

PROCLAMATIONS, PRESENTATIONS AND AWARDS

COUNCILMEMBER/COMMITTEE/STAFF REPORTS:

1. Animal Control
2. Code Enforcement
3. Police Department
4. Fire Department
5. Staff Report
6. Roads, Drainage, Capital Improvements
7. Mayor's statement on the completion of the Swanson v. Shady Shores litigation
8. Announcements

CONSENT AGENDA
Each item listed on the consent agenda is considered to be routine by the Town Council and will be enacted by one motion. There will be no separate discussion of these items unless a Council Member so requests, in which event the item will be removed from the Consent Agenda and considered in its normal sequence on the agenda. Information concerning consent agenda items is available for public review.

9. Minutes- Consider and act on approval of the minutes from the June 22, 2020 Special Called Town Council Meeting and the June 8, 2020 Regular Town Council Meeting.

10. Quarterly Financial Reports- Consider and act on approval of the 3rd Quarter (April-June 2020) Financial Reports.

11. Investment Committee Report- Consider and act on approval of the 3rd Quarter (April-June 2020) Investment Committee Report.

CITIZENS COMMENTS

This is your opportunity to comment on an item on the agenda, or any other relevant topic. If the item on the agenda you wish to comment on is set for a public hearing, please give your remarks on that item when the public hearing is opened. Speakers will be limited to three (3) minutes.

REGULAR AGENDA ITEMS

12. Budget Worksession- Conduct a worksession relative to the proposed 2021 FY Budget for the Town of Shady Shores.

13. Parking Ordinance- Consider and act on approval of an Ordinance regulating parking on Lakeshore Road and Garza Road.

14. Building and Fire Code Updates- Consider and act on approval of an Ordinance updating the Building and Fire Codes.

15. Pending and Contemplated Litigation - consider and act on pending and contemplated litigation regarding the existing municipal court cases styled "State of Texas versus Douglas Taft

EXECUTIVE SESSION:

Pursuant to the provisions of Chapter 551, Texas Government Code, Vernon's Texas Codes Annotated, The Town Council may hold a closed meeting.

16. 1. Government Code Section 551.071 Confidential Legal Advice from the Town Attorney for the pending and contemplated litigation regarding the existing municipal court cases styled "State of Texas versus Douglas Taft

FUTURE AGENDA ITEMS AND STAFF DIRECTION

ADJOURN

****

The Town Council reserves the right to adjourn into closed session at any time during the course of this meeting to discuss any of the matters listed on this agenda, as authorized by Texas Government Code Section 551.071 (Consultation with Attorney), 551.072 (Deliberation about Real Property), 551.073 (Deliberation about Gifts and Donations), 551.074 (Personnel Matters), 551.076 (Deliberations about Security Devices), and 551.087 (Economic Development).

I, Cindy Aughinbaugh, Mayor of the Town of Shady Shores do hereby certify that the above notice of the Regular Town Council Meeting was posted on the bulletin board at the Community Center, 101 S. Shady Shores Road, Shady Shores, Texas on _____ Day of _____2020, at _____ _____.M.

_____

Cindy Aughinbaugh, Mayor

Address	Notes	Code
Jun 25, 2020 4:46 PM 101 S Shady Shores Road	Patrolled city focusing on stray animals.	Animal Control
Jun 23, 2020 2:16 PM n garza and brown terrace	we responded to the area for a loose dog acting aggressive	Animal Control
Jun 16, 2020 5:19 PM 101 S Shady Shores Road	Patrolled city focusing on stray animals.	Animal Control
Jun 10, 2020 4:42 PM 101 S Shady Shores Road	Patrolled city focusing on stray animals.	Animal Control
Jun 3, 2020 4:07 PM 18 TERRA EVERGREEN DR	we responded to a report of a barking dog, upon arrival we did not hear the dog barking.	Animal Control

City Of Shady Shores Report

Jun 1, 2020 - Jun 30, 2020

Address	Notes	Code
Jun 3, 2020 3:43 PM 101 S Shady Shores Road	Patrolled city focusing on stray animals.	Animal Control

Case Summary Report

Case Information for Years 2020 - 2020

2020

Violations	Jun	Totals
Parking Violation	7	7
Trash and Debris	7	7
High Grass & Weeds	7	7
Failure to Obtain a Building Permit	3	3
Zoning Ordinance Violation	1	1
Failure to Maintain a Solid Waste Account	1	1
Dangerous Structures	1	1
Totals	27	27

CORINTH POLICE DEPARTMENT
Shady Shores

May 2020 Summary

OFFENSES

ASSAULTS	
Misdemeanor	0
Felony	0
FAMILY VIOLENCE ASSAULTS	
Misdemeanor	0
Felony	0
SEXUAL OFFENSES	
Total Sexual Offenses	0
DEATH - CRIMINAL (Homicide / Manslaughter)	
Total Criminal Deaths	0
MOTOR VEHICLE THEFTS	
Total Motor Vehicle Thefts (Boat)	1
BURGLARY	
Residential	1
Motor Vehicle	0
Business / Construction	0
THEFT	
General / Shoplifting	2
ROBBERY	
Individual	0
Business	0
CRIMINAL MISCHIEF	
Vandalism / Graffiti	0
ALCOHOL RELATED	
Driving While Intoxicated	0
Driving Under Influence - Minor	0
Public Intoxication	0
Other Alcohol Related	0
DRUG RELATED	
Possession of Drugs	0
Poss of Drug Paraphernalia	0
Manuf./ Delivery of Drugs	0
TOTAL REPORTED OFFENSES	4

ACTIVITIES

CALLS FOR SERVICE	
Total Calls for Service	114
COMMUNITY POLICING	
Vacation Watches	17
VIPS-Vacation Watches	
VIPS-Special Patrol	
Direct Patrol / Park and Walk	197
ARRESTS	
Juvenile	0
Adult	0
Total Arrests	0
INVESTIGATIONS	
New Cases	5
Cases Cleared	0
Cases Declared Inactive	0
Cases Filed	0
TRAFFIC ENFORCEMENT	
Total Citations	0
Warnings	0
Total Citations / Warnings	**0**
MOTOR VEHICLE ACCIDENTS	
Offense Related	1
Traffic Accidents - Injury	0
Traffic Accidents - No Injury	1
Total Accidents	**1**
FALSE ALARMS	
False Alarms	0
JUVENILE CURFEW ENFORCEMENT	
Citations	0
Arrests	0
OFFICER CONDUCT	
Commendations Received	4
Complaints Received	2
Complaints Substantiated/Sustained	0
Complaints Unsubstantiated / Not Sustained	0

Lake Cities Fire Department

Shady Shores

January - December 31, 2020

Incident Call Type	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Alarm system activation, no fire - unintentional				1									1
Alarm system sounded due to malfunction				1									1
Animal rescue													0
Arcing, shorted electrical equipment			2	1									3
Assist Police or other agency						1							1
Assist invalid		1											1
Authorized controlled burning	4	3	3		5	4							19
Brush or brush-and-grass mixture fire													0
Building fire			1										1
Carbon monoxide incident													0
Carbon Monoxide detector No CO						1							1
Citizen complaint													0
Chimney Fire Contained to Chimney													0
Cooking Fire Confined to Container													0
Dispatched & cancelled en route	1				1								2
Electrical wiring/equipment problem, Other													0
Elevator Rescue													0
Emergency medical service, other					1								1
EMS call, excluding vehicle accident with injury	5	5	6	5	5	11							37
False alarm or false call, Other						1							1
Fire in mobile home used as fixed residence													0
Fire in motor home, camper, RV													0
Flood assessment													0
Gas leak (natural gas or LPG)		1		2									3
Good intent call, Other													0
Grass fire													0
HazMat release investigation w/no Hazmat													0
Hazardous Condition (No Fire)					1								1
Lock-out	1			1		1							3
Motor vehicle accident with injuries													0
Motor Vehicle Accident with no injuries													0
Motor Vehicle/Pedestrian Accident													0
No Incident found on arrival at dispatch address													0
Outide trash or waste fire													0
Outside equipment fire													0
Outside Storage Fire													0
Passenger Vehicle Fire													0
Person in Distress													0
Police matter													0
Power line down				2		1							3
Public Education	1												1
Public service				2	1								3
Rescue or EMS Standby					1								1
Rescue, water													0
Service Call, Other													0
Severe weather or natural disaster, Other													0
Smoke detector activation, no fire			1										1
Smoke/Heat detector activation due to malfunction													0
Smoke from barbecue, tar kettle													0
Smoke or odor removal													0
Smoke scare, odor of smoke													0
Sprinkler activation, no fire													0
System malfunction, Other													0
Unauthorized burning			1	2									3
Unintentional transmission of alarm, Other													0
Water or steam leak													0
Total	**12**	**10**	**14**	**17**	**15**	**20**	**0**	**0**	**0**	**0**	**0**	**0**	**88**

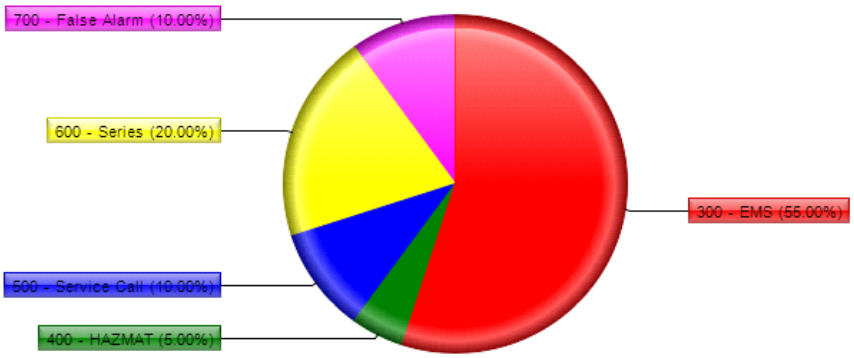
Copy of Copy of Fire - Incident Types by District	Date: Thursday, July 2, 2020 Time: 11:00:36 AM

District in list Shady Shores
Incident Date between 2020-06-01 and 2020-06-30

Fire Incident Type Breakdown

District	Details
Shady Shores	20 Rows

Incident Type Code	Incident Type	
321	EMS call, excluding vehicle accident with injury	11
444	Power line down	1
511	Lock-out	1
551	Assist police or other governmental agency	1
631	Authorized controlled burning	4
700	False alarm or false call, other	1
736	CO detector activation due to malfunction	1
		20

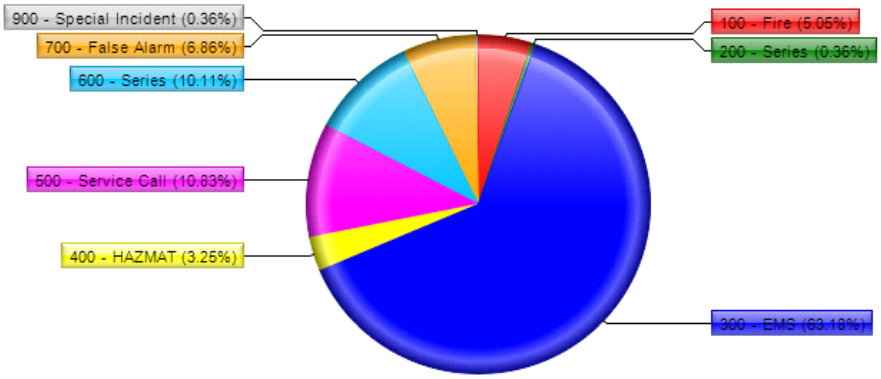


Copy (108) of Fire - Incident Types	Date: Thursday, July 2, 2020 Time: 9:07:22 AM

Incident Date between 2020-06-01 and 2020-06-30

Fire Incident Type Breakdown

Incident Type Group	
100 - Fire	14
200 - Series	1
300 - EMS	175
400 - HAZMAT	9
500 - Service Call	30
600 - Series	28
700 - False Alarm	19
900 - Special Incident	1
	277



Incident Date between 2020-06-01 and 2020-07-01

Incident Date	Incident Number	NFIRS Number	Incident Type Code	Incident Type	District	Status
6/1/2020	20001388	0000187	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/1/2020	20001389	0000188	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/1/2020	20001390	0000189	321	EMS call, excluding vehicle accident with injury	Shady Shores	1
6/1/2020	20001391	0000190	321	EMS call, excluding vehicle accident with injury	Shady Shores	1
6/1/2020	20001392	0000191	321	EMS call, excluding vehicle accident with injury	Denton County	1
6/1/2020	20001393	0000192	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/1/2020	20001394	0000193	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/2/2020	20001395	0000194	611	Dispatched & canceled en route	Hickory Creek	1
6/2/2020	20001396	0000195	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/2/2020	20001397	0000196	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/2/2020	20001398	0000197	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/2/2020	20001399	0000198	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/2/2020	20001400	0000199	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/2/2020	20001401	0000201	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/2/2020	20001402	0000200	554	Assist invalid	Lake Dallas	1
6/2/2020	20001403	0000202	321	EMS call, excluding vehicle accident with injury	Denton County	1
6/2/2020	20001404	0000206	553	Public service	Corinth	1
6/2/2020	20001405	0000203	745	Alarm system activation, no fire - unintentional	Corinth	1
6/2/2020	20001406	0000207	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/3/2020	20001407	0000208	734	Heat detector activation due to malfunction	Corinth	1
6/3/2020	20001408	0000209	381	Rescue or EMS standby	Denton County	1
6/3/2020	20001409	0000210	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/3/2020	20001410	0000211	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/3/2020	20001411	0000212	734	Heat detector activation due to malfunction	Corinth	1
6/3/2020	20001412	0000213	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/3/2020	20001413	0000214	442	Overheated motor	Lewisville	1
6/4/2020	20001415	0000215	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/4/2020	20001416	0000216	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/4/2020	20001417	0000217	511	Lock-out	Corinth	1
6/4/2020	20001418	0000218	321	EMS call, excluding vehicle accident with injury	Shady Shores	1
6/4/2020	20001419	0000219	321	EMS call, excluding vehicle accident with injury	Corinth	1

6/4/2020	20001420	0000220	151	Outside rubbish, trash or waste fire	Hickory Creek	1
6/5/2020	20001421	0000221	324	Motor vehicle accident with no injuries.	Lewisville	1
6/5/2020	20001422	0000222	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/5/2020	20001423	0000223	251	Excessive heat, scorch burns with no ignition	Corinth	1
6/5/2020	20001424	0000224	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/5/2020	20001425	0000225	631	Authorized controlled burning	Shady Shores	1
6/5/2020	20001426	0000226	322	Motor vehicle accident with injuries	Denton County	1
6/5/2020	20001427	0000227	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/5/2020	20001428	0000229	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/5/2020	20001429	0000228	542	Animal rescue	Corinth	1
6/5/2020	20001430	0000230	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/5/2020	20001431	0000231	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/5/2020	20001432	0000232	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/6/2020	20001433	0000233	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/6/2020	20001434	0000234	324	Motor vehicle accident with no injuries.	Hickory Creek	1
6/6/2020	20001435	0000235	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/7/2020	20001436	0000236	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/7/2020	20001437	0000237	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/7/2020	20001438	0000238	554	Assist invalid	Corinth	1
6/7/2020	20001439	0000239	611	Dispatched & canceled en route	Lake Dallas	1
6/7/2020	20001440	0000240	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/7/2020	20001441	0000241	324	Motor vehicle accident with no injuries.	Denton County	1
6/7/2020	20001442	0000242	154	Dumpster or other outside trash receptacle fire	Denton County	1
6/7/2020	20001443	0000243	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/7/2020	20001444	0000244	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/8/2020	20001445	0000245	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/8/2020	20001446	0000246	561	Unauthorized burning	Lake Dallas	1
6/8/2020	20001447	0000247	511	Lock-out	Lake Dallas	1
6/8/2020	20001448	0000248	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/8/2020	20001449	0000249	611	Dispatched & canceled en route	Denton County	1
6/8/2020	20001450	0000250	622	No incident found on arrival at dispatch address	Lake Dallas	1
6/9/2020	20001451	0000251	736	CO detector activation due to malfunction	Shady Shores	1
6/9/2020	20001452	0000252	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/9/2020	20001453	0000253	622	No incident found on arrival at dispatch address	Lake Dallas	1
6/9/2020	20001454	0000254	743	Smoke detector activation, no fire - unintentional	Corinth	1

6/9/2020	20001455	0000255	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/9/2020	20001456	0000256	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/9/2020	20001457	0000257	733	Smoke detector activation due to malfunction	Hickory Creek	1
6/9/2020	20001458	0000258	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/9/2020	20001459	0000259	554	Assist invalid	Denton County	1
6/10/2020	20001460	0000260	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/10/2020	20001461	0000261	522	Water or steam leak	Lake Dallas	1
6/10/2020	20001462	0000262	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/10/2020	20001463	0000263	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/10/2020	20001464	0000264	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/10/2020	20001465	0000265	511	Lock-out	Lake Dallas	1
6/10/2020	20001466	0000266	322	Motor vehicle accident with injuries	Corinth	1
6/10/2020	20001467	0000267	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/11/2020	20001468	0000268	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/11/2020	20001469	0000269	321	EMS call, excluding vehicle accident with injury	Shady Shores	1
6/11/2020	20001470	0000270	553	Public service	Corinth	1
6/11/2020	20001471	0000271	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/11/2020	20001472	0000272	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/11/2020	20001473	0000273	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/12/2020	20001474	0000274	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/12/2020	20001475	0000275	113	Cooking fire, confined to container	Corinth	1
6/12/2020	20001476	0000276	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/12/2020	20001477	0000277	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/12/2020	20001478	0000278	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/12/2020	20001479	0000279	412	Gas leak (natural gas or LPG)	Corinth	1
6/12/2020	20001480	0000280	531	Smoke or odor removal	Lake Dallas	1
6/12/2020	20001481	0000281	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/12/2020	20001482	0000282	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/12/2020	20001483	0000283	745	Alarm system activation, no fire - unintentional	Corinth	1
6/13/2020	20001484	0000284	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/13/2020	20001485	0000285	736	CO detector activation due to malfunction	Corinth	1
6/13/2020	20001486	0000286	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/13/2020	20001487	0000287	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/13/2020	20001488	0000288	511	Lock-out	Lake Dallas	1
6/13/2020	20001489	0000289	611	Dispatched & canceled en route	Hickory Creek	1
6/13/2020	20001490	0000290	554	Assist invalid	Lake Dallas	1

6/13/2020	20001491	0000291	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/13/2020	20001492	0000292	321	EMS call, excluding vehicle accident with injury	Hickory Creek	1
6/13/2020	20001493	0000293	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/14/2020	20001494	0000294	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/14/2020	20001495	0000295	321	EMS call, excluding vehicle accident with injury	Hickory Creek	1
6/14/2020	20001496	0000296	700	False alarm or false call, other	Shady Shores	1
6/14/2020	20001497	0000297	511	Lock-out	Corinth	1
6/14/2020	20001498	0000298	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/14/2020	20001499	0000299	511	Lock-out	Hickory Creek	1
6/14/2020	20001500	0000300	321	EMS call, excluding vehicle accident with injury	Denton County	1
6/14/2020	20001501	0000301	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/14/2020	20001502	0000302	321	EMS call, excluding vehicle accident with injury	Denton County	1
6/14/2020	20001503	0000303	611	Dispatched & canceled en route	Lake Dallas	1
6/14/2020	20001504	0000304	321	EMS call, excluding vehicle accident with injury	Shady Shores	1
6/14/2020	20001505	0000305	323	Motor vehicle/pedestrian accident (MV Ped)	Lake Dallas	1
6/15/2020	20001506	0000306	622	No incident found on arrival at dispatch address	Corinth	1
6/15/2020	20001507	0000307	622	No incident found on arrival at dispatch address	Denton County	1
6/15/2020	20001508	0000308	561	Unauthorized burning	Corinth	1
6/16/2020	20001509	0000309	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/16/2020	20001510	0000310	131	Passenger vehicle fire	Hickory Creek	1
6/16/2020	20001511	0000311	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/16/2020	20001512	0000312	320	Emergency medical service incident, other	Corinth	1
6/16/2020	20001513	0000313	412	Gas leak (natural gas or LPG)	Corinth	1
6/16/2020	20001514	0000314	154	Dumpster or other outside trash receptacle fire	Lake Dallas	1
6/16/2020	20001515	0000315	631	Authorized controlled burning	Shady Shores	1
6/16/2020	20001516	0000316	631	Authorized controlled burning	Shady Shores	1
6/16/2020	20001517	0000317	320	Emergency medical service incident, other	Corinth	1
6/16/2020	20001518	0000318	611	Dispatched & canceled en route	Corinth	1
6/17/2020	20001519	0000319	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/17/2020	20001520	0000320	321	EMS call, excluding vehicle accident with injury	Shady Shores	1
6/17/2020	20001521	0000321	553	Public service	Corinth	1
6/17/2020	20001522	0000322	745	Alarm system activation, no fire - unintentional	Corinth	1
6/17/2020	20001523	0000323	554	Assist invalid	Corinth	1
6/17/2020	20001524	0000324	622	No incident found on arrival at dispatch address	Corinth	1
6/17/2020	20001525	0000325	553	Public service	Lake Dallas	1
6/17/2020	20001526	0000326	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/17/2020	20001527	0000327	322	Motor vehicle accident with injuries	Lake Dallas	1

6/17/2020	20001528	0000328	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/17/2020	20001529	0000329	112	Fires in structure other than in a building	Hickory Creek	1
6/17/2020	20001530	0000330	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/18/2020	20001531	0000331	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/18/2020	20001532	0000332	736	CO detector activation due to malfunction	Corinth	1
6/18/2020	20001533	0000333	735	Alarm system sounded due to malfunction	Hickory Creek	1
6/18/2020	20001534	0000334	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/18/2020	20001535	0000336	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/18/2020	20001536	0000335	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/18/2020	20001537	0000337	321	EMS call, excluding vehicle accident with injury	Shady Shores	1
6/19/2020	20001538	0000338	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/19/2020	20001539	0000339	445	Arcing, shorted electrical equipment	Corinth	1
6/19/2020	20001540	0000340	622	No incident found on arrival at dispatch address	Corinth	1
6/19/2020	20001541	0000341	324	Motor vehicle accident with no injuries.	Corinth	1
6/19/2020	20001542	0000342	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/19/2020	20001543	0000343	320	Emergency medical service incident, other	Corinth	1
6/19/2020	20001544	0000344	743	Smoke detector activation, no fire - unintentional	Hickory Creek	1
6/19/2020	20001545	0000345	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/19/2020	20001546	0000346	553	Public service	Corinth	1
6/19/2020	20001547	0000347	622	No incident found on arrival at dispatch address	Denton County	1
6/19/2020	20001548	0000348	445	Arcing, shorted electrical equipment	Lake Dallas	1
6/19/2020	20001549	0000349	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/19/2020	20001550	0000350	324	Motor vehicle accident with no injuries.	Lake Dallas	1
6/19/2020	20001551	0000351	445	Arcing, shorted electrical equipment	Lake Dallas	1
6/19/2020	20001552	0000352	324	Motor vehicle accident with no injuries.	Lake Dallas	1
6/19/2020	20001553	0000353	111	Building fire	Lake Dallas	1
6/20/2020	20001554	0000354	445	Arcing, shorted electrical equipment	Lake Dallas	1
6/20/2020	20001555	0000355	611	Dispatched & canceled en route	Lewisville	1
6/20/2020	20001556	0000356	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/20/2020	20001557	0000357	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/20/2020	20001558	0000358	321	EMS call, excluding vehicle accident with injury	Denton County	1
6/20/2020	20001559	0000359	324	Motor vehicle accident with no injuries.	Hickory Creek	1
6/20/2020	20001560	0000360	162	Outside equipment fire	Hickory Creek	1
6/20/2020	20001561	0000361	321	EMS call, excluding vehicle accident with injury	Shady Shores	1
6/20/2020	20001562	0000362	365	Watercraft rescue	Denton County	1
6/20/2020	20001563	0000363	321	EMS call, excluding vehicle accident with injury	Shady Shores	1

6/21/2020	20001564	0000364	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/21/2020	20001565	0000365	321	EMS call, excluding vehicle accident with injury	Denton County	1
6/21/2020	20001566	0000366	324	Motor vehicle accident with no injuries.	Corinth	1
6/21/2020	20001567	0000367	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/21/2020	20001568	0000368	324	Motor vehicle accident with no injuries.	Lake Dallas	1
6/21/2020	20001569	0000369	322	Motor vehicle accident with injuries	Lake Dallas	1
6/21/2020	20001570	0000370	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/21/2020	20001571	0000371	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/21/2020	20001572	0000372	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/21/2020	20001573	0000373	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/22/2020	20001574	0000374	324	Motor vehicle accident with no injuries.	Hickory Creek	1
6/22/2020	20001575	0000375	322	Motor vehicle accident with injuries	Corinth	1
6/22/2020	20001576	0000376	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/22/2020	20001577	0000377	631	Authorized controlled burning	Shady Shores	1
6/22/2020	20001578	0000378	320	Emergency medical service incident, other	Lake Dallas	1
6/22/2020	20001579	0000379	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/22/2020	20001580	0000380	322	Motor vehicle accident with injuries	Corinth	1
6/22/2020	20001581	0000381	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/22/2020	20001582	0000382	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/22/2020	20001583	0000383	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/23/2020	20001584	0000384	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/23/2020	20001585	0000385	735	Alarm system sounded due to malfunction	Corinth	1
6/23/2020	20001586	0000386	745	Alarm system activation, no fire - unintentional	Hickory Creek	1
6/23/2020	20001587	0000387	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/23/2020	20001588	0000393	111	Building fire	Argyle	1
6/23/2020	20001589	0000388	621	Wrong location	Lake Dallas	1
6/23/2020	20001590	0000391	111	Building fire	Corinth	1
6/23/2020	20001591	0000389	321	EMS call, excluding vehicle accident with injury	Argyle	1
6/23/2020	20001592	0000390	324	Motor vehicle accident with no injuries.	Hickory Creek	1
6/23/2020	20001593	0000392	611	Dispatched & canceled en route	Highland Village	1
6/23/2020	20001594	0000394	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/23/2020	20001595	0000395	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/23/2020	20001596	0000396	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/23/2020	20001597	0000397	111	Building fire	Lake Dallas	1
6/23/2020	20001598	0000398	324	Motor vehicle accident with no injuries.	Lake Dallas	1
6/23/2020	20001599	0000399	551	Assist police or other governmental agency	Shady Shores	1
6/23/2020	20001600	0000400	321	EMS call, excluding vehicle accident with injury	Corinth	1

6/23/2020	20001601	0000401	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/23/2020	20001602	0000402	412	Gas leak (natural gas or LPG)	Corinth	1
6/23/2020	20001603	0000403	321	EMS call, excluding vehicle accident with injury	Shady Shores	1
6/23/2020	20001604	0000404	131	Passenger vehicle fire	Lewisville	1
6/24/2020	20001605	0000405	611	Dispatched & canceled en route	Corinth	1
6/24/2020	20001606	0000406	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/24/2020	20001607	0000407	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/24/2020	20001608	0000408	733	Smoke detector activation due to malfunction	Corinth	1
6/24/2020	20001609	0000409	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/24/2020	20001610	0000410	631	Authorized controlled burning	Corinth	1
6/24/2020	20001611	0000411	632	Prescribed fire	Corinth	1
6/24/2020	20001612	0000412	324	Motor vehicle accident with no injuries.	Lake Dallas	1
6/24/2020	20001613	0000413	321	EMS call, excluding vehicle accident with injury	Denton County	1
6/25/2020	20001614	0000414	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/25/2020	20001615	0000415	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/25/2020	20001616	0000416	735	Alarm system sounded due to malfunction	Lake Dallas	1
6/25/2020	20001617	0000417	322	Motor vehicle accident with injuries	Hickory Creek	1
6/25/2020	20001618	0000418	322	Motor vehicle accident with injuries	Corinth	1
6/25/2020	20001619	0000419	622	No incident found on arrival at dispatch address	Denton County	1
6/25/2020	20001620	0000420	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/25/2020	20001621	0000421	571	Cover assignment, standby, moveup	Lewisville	1
6/25/2020	20001622	0000422	321	EMS call, excluding vehicle accident with injury	Lewisville	1
6/25/2020	20001623	0000423	321	EMS call, excluding vehicle accident with injury	Lewisville	1
6/25/2020	20001624	0000424	711	Municipal alarm system, malicious false alarm	Corinth	1
6/25/2020	20001625	0000425	611	Dispatched & canceled en route	Hickory Creek	1
6/25/2020	20001626	0000426	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/25/2020	20001627	0000427	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/25/2020	20001628	0000428	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/25/2020	20001629	0000429	554	Assist invalid	Corinth	1
6/26/2020	20001630	0000430	323	Motor vehicle/pedestrian accident (MV Ped)	Corinth	1
6/26/2020	20001631	0000431	631	Authorized controlled burning	Lake Dallas	1
6/26/2020	20001632	0000432	321	EMS call, excluding vehicle accident with injury	Hickory Creek	1
6/26/2020	20001633	0000433	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/26/2020	20001634	0000434	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/26/2020	20001635	0000435	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/27/2020	20001636	0000436	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1

6/27/2020	20001637	0000437	554	Assist invalid	Lake Dallas	1
6/27/2020	20001638	0000438	111	Building fire	Hickory Creek	1
6/27/2020	20001639	0000439	324	Motor vehicle accident with no injuries.	Lake Dallas	1
6/27/2020	20001640	0000440	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/27/2020	20001641	0000441	353	Removal of victim(s) from stalled elevator	Corinth	1
6/27/2020	20001642	0000442	444	Power line down	Shady Shores	1
6/28/2020	20001643	0000443	324	Motor vehicle accident with no injuries.	Hickory Creek	1
6/28/2020	20001644	0000444	324	Motor vehicle accident with no injuries.	Corinth	1
6/28/2020	20001645	0000445	511	Lock-out	Hickory Creek	1
6/28/2020	20001646	0000447	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/28/2020	20001647	0000446	111	Building fire	Corinth	1
6/28/2020	20001648	0000448	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/28/2020	20001649	0000449	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/28/2020	20001650	0000450	700	False alarm or false call, other	Lake Dallas	1
6/28/2020	20001651	0000451	551	Assist police or other governmental agency	Hickory Creek	1
6/28/2020	20001652	0000452	622	No incident found on arrival at dispatch address	Corinth	1
6/29/2020	20001653	0000453	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/29/2020	20001654	0000454	321	EMS call, excluding vehicle accident with injury	Shady Shores	1
6/29/2020	20001655	0000455	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/29/2020	20001656	0000456	554	Assist invalid	Lake Dallas	1
6/29/2020	20001657	0000457	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/30/2020	20001658	0000458	511	Lock-out	Shady Shores	1
6/30/2020	20001659	0000459	511	Lock-out	Denton	1
6/30/2020	20001660	0000460	611	Dispatched & canceled en route	Lake Dallas	1
6/30/2020	20001661	0000461	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/30/2020	20001662	0000462				0
6/30/2020	20001663	0000463	911	Citizen complaint	Corinth	1
6/30/2020	20001664	0000464	321	EMS call, excluding vehicle accident with injury	Corinth	1
6/30/2020	20001665	0000465	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
6/30/2020	20001666	0000466	321	EMS call, excluding vehicle accident with injury	Corinth	1
7/1/2020	20001667	0000467	132	Road freight or transport vehicle fire	Corinth	1
7/1/2020	20001668	0000468	554	Assist invalid	Denton County	1
7/1/2020	20001669	0000469	321	EMS call, excluding vehicle accident with injury	Corinth	1
7/1/2020	20001670	0000470	463	Vehicle accident, general cleanup	Corinth	1
7/1/2020	20001671	0000471	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
7/1/2020	20001672	0000472	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
7/1/2020	20001673	0000473	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
7/1/2020	20001674	0000474	322	Motor vehicle accident with injuries	Denton County	1

7/1/2020	20001675	0000475	321	EMS call, excluding vehicle accident with injury	Corinth	1
7/1/2020	20001676	0000476	321	EMS call, excluding vehicle accident with injury	Corinth	1
7/1/2020	20001677	0000477	622	No incident found on arrival at dispatch address	Corinth	1
7/1/2020	20001678	0000478	324	Motor vehicle accident with no injuries.	Corinth	1
7/1/2020	20001679	0000479	321	EMS call, excluding vehicle accident with injury	Lake Dallas	1
7/1/2020	20001680	0000480	511	Lock-out	Lake Dallas	0
7/1/2020	20001681	0000481	162	Outside equipment fire	Corinth	0

Alarm Date between 2020-06-01 and 2020-07-01

Total Calls by District

District	2020-06-01	Total
Lake Dallas	90	90
Shady Shores	20	20
Denton County	17	17
Corinth	115	115
Hickory Creek	24	24
Lewisville	7	7
Argyle	2	2
Highland Village	1	1
Denton	1	1
Total	277	277

AGENDA MEMORANDUM

DATE: July 13, 2020

TO: Town Council

FROM: Wendy Withers, Town Administrator

SUBJECT: **Staff Report**

BACKGROUND/INFORMATION:

Town of Shady Shores
Facebook Users:
ToSS 742 Followers
KSSB 121 Followers
Website
Page Views 4,029
Email Subscribers 424

Building Permits Issued:
33 Permits

Meetings Attended: Town Council (2); Planning and Zoning (1); Various Community Meetings (4);

1. Budget Preparations
2. Worked on CARES Act Funding Budget
3. Connected Nation begin work week of July 14, 2020
4. Virtual Court Meetings

FINANCIAL IMPLICATIONS:

RECOMMENDATION/ACTION DESIRED:

ATTACHMENTS/SUPPORTING DOCUMENTATION:

1. June 2020 Permit Report

REVIEWED BY:

Permit #	Property	Permit Type	Applied Date
20-00088-01	118 PALOMINO COURT	Patio Cover Permit	6/1/2020
20-00089-01	118 PALOMINO COURT	Driveway and Flatwork Permit	6/1/2020
20-00090-01	42 HIDDEN VALLEY AIRPARK	Septic Permit	6/2/2020
20-00091-01	1 DI LAGO PARK PLACE	Fence Permit	6/2/2020
20-00092-01	431 PARADISE COVE	Decking Permit	6/2/2020
20-00093-01	604 Stonehollow Drive	Sprinkler Permit	6/4/2020
20-00094-01	912 Lincolnshire Drive	Sprinkler Permit	6/4/2020
20-00095-01	1021 CHEYENNE COURT	Roof Permit	6/4/2020
20-00096-01	213 LAKESHORE ROAD	HVAC Permit	6/10/2020
20-00097-01	320 OAKWOOD CIRCLE	Water Heater Permit	6/10/2020
20-00098-01	132 CIELO LANE	Plumbing Permit	6/10/2020
20-00099-01	17 TERRA EVERGREEN	Electrical Permit	6/15/2020
20-00100-01	1221 MCCLINTOCK DRIVE	Patio Cover Permit	6/15/2020
20-00101-01	105 PALOMINO COURT	HVAC Permit	6/15/2020
20-00102-01	1141 MCCLINTOCK DRIVE	Electrical Permit	6/16/2020
20-00103-01	814 Tennington Lane	Flatwork Permit	6/16/2020
20-00104-01	101 SHADOW LANE	Electrical Permit	6/17/2020
20-00105-01	1010 MESA COURT	Electrical Permit	6/17/2020
20-00106-01	303 W 6th	HVAC Permit	6/18/2020
20-00107-01	916 Lincolnshire Drive	New Residence Permit	6/18/2020
20-00108-01	504 Ambergate Lane	Fence Permit	6/19/2020
20-00109-01	10 HIDDEN VALLEY AIRPARK	Roof Permit	6/23/2020
20-00110-01	414 BRONCO CIRCLE	Water Heater Permit	6/23/2020
20-00111-01	1140 MCCLINTOCK DRIVE	HVAC Permit	6/23/2020
20-00112-01	921 Lincolnshire Drive	Sprinkler Permit	6/24/2020
20-00113-01	310 COMANCHE DRIVE	Roof Permit	6/24/2020
20-00114-01	1001 CAHILL WAY	Roof Permit	6/24/2020
20-00115-01	1110 CAHILL WAY	Roof Permit	6/29/2020
20-00116-01	103 CIELO LANE	Roof Permit	6/29/2020
20-00117-01	103 EVERETT COURT	Roof Permit	6/29/2020
20-00118-01	409 W. SHADY SHORES ROAD	Roof Permit	6/30/2020
20-00119-01	309 N. GARZA ROAD	Remodel and Addition Permit	6/30/2020

Permit Type	Count	Permit Amount	Adjusted Amount	Paid Amount
Patio Cover Permit	2	$480.00	($30.00)	$450.00
Driveway and Flatwork Permit	1	$340.00	($215.00)	$125.00
Septic Permit	1	$560.00	$0.00	$560.00
Fence Permit	2	$390.00	($90.00)	$300.00
Decking Permit	1	$340.00	($190.00)	$150.00
Sprinkler Permit	3	$510.00	$0.00	$510.00
Roof Permit	8	$1,260.00	$30.00	$1,290.00
HVAC Permit	4	$600.00	$0.00	$600.00
Water Heater Permit	2	$300.00	$0.00	$300.00
Plumbing Permit	1	$150.00	$0.00	$0.00
Electrical Permit	4	$600.00	$0.00	$450.00
Flatwork Permit	1	$240.00	$60.00	$0.00
New Residence Permit	1	$4,097.80	$0.00	$4,097.80
Remodel and Addition Permit	1	$655.00	($235.00)	$420.00
Totals	32	$10,522.80	($670.00)	$9,252.80

TOWN OF SHADY SHORES
TOWN COUNCIL MEETING
SPECIAL CALLED SESSION
JUNE 22, 2020; 7:00 PM
VIRTUAL LOCATION
SHADY SHORES COMMUNITY CENTER
101 S. SHADY SHORES ROAD
SHADY SHORES, TX 76208

MINUTES

Cindy Aughinbaugh	Mayor	Present
Tom Newell	Mayor Pro Tem	Present
Charles Grimes	Councilmember	Present
Matthew Haines	Councilmember	Present
Jack Nelson	Councilmember	Present
Mike Nowels	Councilmember	Present

Staff Present: Wendy Withers, Town Administrator; Amber Schuler, Municipal Court Administrator; Jim Shepherd, Town Attorney; Richard Arvizu, Town Engineer.

In response to the coronavirus pandemic, effective March 16, 2020, Texas Governor Abbott suspended certain Open Meeting rules to allow meetings of government bodies that are accessible to the public to decrease large groups of people from assembling. The suspension temporarily removes the requirement that government officials and members of the public be physically present at a meeting location. The meeting was held via Zoom Teleconference Meeting ID **849 3109 0647**

CALL TO ORDER

Mayor Aughinbaugh called the meeting to order at 7:00 pm.

ROLL CALL

Establish a quorum.

Mayor Aughinbaugh called the roll and a quorum was established for the record.

CITIZENS COMMENTS

This is your opportunity to comment on an item on the agenda, or any other relevant topic. If the item on the agenda you wish to comment on is set for a public hearing, please give your remarks on that item when the public hearing is opened. Speakers will be limited to three (3) minutes.

Rebecca Morgan 114 N. Garza asked if there was a warranty on the road repairs being done on W. Shady Shores.

REGULAR AGENDA ITEMS

Interlocal Agreement with Denton County- Consider and act on approval of an interlocal Funding agreement with Denton County in response to the Corona Virus Relief Fund

Matthew Haines made a motion to approve an interlocal Funding Agreement with Denton County. Jack Nelson seconded the motion.

Discussion: None
Ayes: Grimes, Haines, Nelson, Newell, Nowels
Nays: None
The motion passed unanimously.

Solicitors and Peddlers Ordinance- Consider and act on amending Section 4.02 of the Town of Shady Shoes Code of Ordinances. Consider and act on approval of a new Ordinance regulating solicitors and peddlers.

Tom Newell made a motion to approve an interlocal Funding Agreement with Denton County. Jack Nelson seconded the motion.

Discussion: None
Ayes: Grimes, Haines, Nelson, Newell, Nowels
Nays: None
The motion passed unanimously.

EXECUTIVE SESSION:

Pursuant to the provisions of Chapter 551, Texas Government Code, Vernon's Texas Codes Annotated, The Town Council may hold a closed meeting.

FUTURE AGENDA ITEMS AND STAFF DIRECTION

ADJOURN

Charles Grimes made a motion to adjourn. Jack Nelson seconded the motion. The meeting was adjourned at 7:31 pm.

PASSED AND APPROVED THIS THE _____ DAY OF _____, 2020.

APPROVED:

_____
Cindy Aughinbaugh, Mayor

ATTEST:

_____
Wendy Withers, Town Administrator/Secretary

TOWN OF SHADY SHORES
TOWN COUNCIL MEETING
REGULAR SESSION
JUNE 8, 2020; 7:00 PM
VIRTUAL
SHADY SHORES COMMUNITY CENTER
101 S. SHADY SHORES ROAD
SHADY SHORES, TX 76208

MINUTES

In response to the coronavirus pandemic, effective March 16, 2020, Texas Governor Abbott suspended certain Open Meeting rules to allow meetings of government bodies that are accessible to the public to decrease large groups of people from assembling. The suspension temporarily removes the requirement that government officials and members of the public be physically present at a meeting location. The meeting was held via Zoom Teleconference Meeting ID **849 3109 0647**

MEMBERS PRESENT

CINDY AUGHINBAUGH	MAYOR	PRESENT
TOM NEWELL	MAYOR PRO TEM	PRESENT
CHARLES GRIMES	COUNCILMEMBER	PRESENT
MATTHEW HAINES	COUNCILMEMBER	PRESENT
JACK NELSON	COUNCILMEMBER	PRESENT
MIKE NOWELS	COUNCILMEMBER	PRESENT

STAFF PRESENT: WENDY WITHERS, TOWN ADMINISTRATOR; JIM SHEPHERD, TOWN ATTORNEY; AMBER SCHULER, MUNICIPAL COURT ADMINISTRATOR

CALL TO ORDER

Mayor Aughinbaugh called the meeting to order at 7:03 pm.

ROLL CALL

Establish a quorum.

Mayor Aughinbaugh called the roll and a quorum was established for the record.

PLEDGE ALLEGIANCE TO THE UNITED STATES FLAG AND THE TEXAS FLAG. (HONOR THE TEXAS FLAG; I PLEDGE ALLEGIANCE TO THEE, TEXAS, ONE STATE UNDER GOD, ONE AND INDIVISIBLE.)

PROCLAMATIONS, PRESENTATIONS AND AWARDS

COUNCILMEMBER/COMMITTEE/STAFF REPORTS:

1. Animal Control

Councilmember Charles Grimes gave the animal control report for May 2020.

2. Code Enforcement

Councilmember Charles Grimes gave the code enforcement report.

3. Planning and Zoning Commission

Vice Chairman Rebecca Morgan gave the Planning and Zoning Commission Report.

4. Police Department

Councilmember Matthew Haines gave the police report for March 2020.

5. Fire Department

Mayor Pro Tem Tom Newell gave the Fire report for May 2020.

6. Staff Report

Town Administrator Wendy Withers gave the staff report for May 2020.

7. Roads, Drainage, Capital Improvements

Councilmembers Mike Nowels and Matthew Haines an update on the progress of S. Shady Shores Road Bridge project as well as other projects such as W. Shady Shores Road Construction.

8. Announcements

CONSENT AGENDA

Each item listed on the consent agenda is considered to be routine by the Town Council and will be enacted by one motion. There will be no separate discussion of these items unless a Council Member so requests, in which event the item will be removed from the Consent Agenda and considered in its normal sequence on the agenda. Information concerning consent agenda items is available for public review.

Tom Newell made a motion to approve the items on the consent agenda as presented. Jack Nelson seconded the motion.
Discussion: None
Ayes: Haines, Grimes, Nelson, Newell, Nowels
Nays: None
The motion passed unanimously.

9. Minutes- Consider and act on approval of the minutes from the May 21, 2020 Town Council Meeting.

10. Resolution Voting for Jim Carter to serve on the Denco 9-1-1 Board.

11. Consider and act on approval of 2018 Billable Rates from Binkley and Barfield for Engineering Services.

CITIZENS COMMENTS

This is your opportunity to comment on an item on the agenda, or any other relevant topic. If the item on the agenda you wish to comment on is set for a public hearing, please give your remarks on that item when the public hearing is opened. Speakers will be limited to three (3) minutes.

There was no one signed up to speak.

ELECTION OF MAYOR PRO TEM

12. Mayor Pro Tem- Elect a councilmember to serve as Mayor Pro Tem.

Jack Nelson made a motion to re-elect Tom Newell to serve as Mayor Pro Tem. Mike Nowels seconded the motion.
Discussion: Jack Nelson thanked Tom Newell for his service to the Town and the residents.

Ayes: Grimes, Haines, Nelson, Newell, Nowels

Nays: None

The motion passed unanimously.

REGULAR AGENDA ITEMS

13. Audit Report- Consider and Act on Approval of the 2019 FY Town of Shady Shores Financial Audit.

Carl Deaton with Hankins, Deaton, Tonn and Seay gave the audit report for the 2019 Fiscal year.

Charles Grimes made a motion to approve the audit report as presented. Mike Nowels seconded the motion.

Discussion: None

Ayes: Grimes, Haines, Nelson, Newell, Nowels

Nays: None

The motion passed unanimously.

14. Interlocal Agreement Connected Nation- Consider and act on approval of a Resolution Approving an interlocal agreement authorizing acceptance of a proposal by connected nation to perform a study, demand survey and develop a strategic plan for the improvement of internet connectivity issues within the Town of Shady Shores and the Lake Cities. Consider and act on approval of the interlocal agreement and the proposal from Connected Nation.

Tom Newell made a motion to approve the interlocal agreement with the City of Corinth and authorizing approval of the Resolution accepting a proposal by Connected Nation to perform a study; demand survey and develop a strategic plan for the improvement of internet connectivity issues within the Town of Shady Shores and the Lake Cities. Matthew Haines seconded the motion.

Discussion: None

Ayes: Grimes, Haines, Nelson, Newell, Nowels

Nays: None

The motion passed unanimously.

15. Lake Cities Fire Department - Consider and act on approving a contract for Fire Protection and Emergency Services with the Lake Cities Fire Department

Rebecca Morgan 114 Garza lane stated that she had a problem with the fact that the other Lake Cities costs had increased while Corinth costs seemed to decrease.

Lynn Grimes 112 Lakeshore wondered if the council might appoint a committee to investigate operating our own Fire Department.

Tom Newell made a motion to approve the interlocal agreement for Fire Protection and Emergency Services with the Lake Cities Fire Department. Charles Grimes seconded the motion.

Discussion: Matthew Haines stated he was not in favor of the contract as he felt the increase was unjustified. Mike Nowels also stated that he was not in favor of the contract. Other councilmembers expressed dissatisfaction with the contract however; in the absence of an alternative solution stated the felt they had no choice but to vote approval.

Ayes: Grimes, Nelson, Newell

Nays: Haines, Nowels

The motion passed 3 in favor 2 opposed.

16. Road Repair Projects- Consider and act on authorizing additional road and drainage projects for completion in this budget year.

Tom Newell made a motion to table this agenda item. Mike Nowels seconded the motion.

Discussion: None

Ayes: Grimes, Haines, Nelson, Newell, Nowels

Nays: None

The motion passed unanimously.

17. Sign Ordinance- Conduct a worksession relative to proposed changes to the Town of Shady Shores Sign Ordinance.

There was no action take on this agenda item. Town Attorney Jim Shepherd clarified the rules for signs in the Town of Shady Shores. Town Administrator Wendy Withers and Code Enforcement Officer Char Dupree will meet with Mr. Shepherd for clarification and enforcement.

18. Budget Worksession- Conduct a worksession relative to the 2020/21 FY Budget

There was no action taken on this agenda item. A preliminary draft budget was presented to the Town C

19. Worksession- conduct a worksession to discuss the timeline and projected completion of the various road projects identified by the Town Engineer and Road Committee Members.

There was no action taken on this agenda item.

EXECUTIVE SESSION:

Pursuant to the provisions of Chapter 551, Texas Government Code, Vernon's Texas Codes Annotated, The Town Council may hold a closed meeting.

Matthew Haines made a motion to recess into Executive Session at 9:18 pm. Mike Nowels seconded the motion.
The motion passed unanimously and the Council rececessed into executive session.

Matthew Haines made a motion to reconvene into Open Session at 9:43 pm. Charles Grimes seconded the motion.
The motion passed unanimously and the Council reconvened into Open Session at 9:43 pm.

There was no action taken as a result of Executive Session.

20. 551.071 –Consultation with city attorney regarding legal issues of issuance and budgeting for municipal debt obligations, including liability and payment requirements.

FUTURE AGENDA ITEMS AND STAFF DIRECTION

ADJOURN

Charles Grimes made a motion to adjourn. Matthew Haines seconded the motion.
The motion passed unanimously and the meeting was adjourned at 9:44 pm.

PASSED AND APPROVED THIS THE _____ DAY OF _____, 2020.

APPROVED:

_____
Cindy Aughinbaugh, Mayor

ATTEST:

_____
Wendy Withers, Town Administrator/Secretary

Town of Shady Shores
Financial Statement
As of June 30, 2020

100 - General Fund	Current Month Actual	Current Month Budget	Budget Variance	YTD Actual	Annual Budget	% of Budget	Budget Remaining
Revenue Summary							
Not Categorized	75,916.37	152,537.21	(76,620.84)	1,651,795.39	1,830,869.00	90.22%	179,073.61
Court Revenue	1,632.88	1,666.67	(33.79)	12,548.03	20,000.00	62.74%	7,451.97
Revenue Totals	77,549.25	154,203.88	(76,654.63)	1,664,343.42	1,850,869.00	89.92 %	186,525.58
Expense Summary							
Not Categorized	71,728.31	139,996.47	(68,268.16)	1,049,751.13	1,680,122.00	62.48%	630,370.87
Personnel	13,856.72	14,228.92	(372.20)	141,228.62	170,747.00	82.71%	29,518.38
Expense Totals	85,585.03	154,225.39	(68,640.36)	1,190,979.75	1,850,869.00	64.35 %	659,889.25

Town of Shady Shores
Financial Statement
As of June 30, 2020

100 - General Fund Adminstrative	Current Month Actual	Current Month Budget	Budget Variance	YTD Actual	Annual Budget	% Budget Used	Budget Remaining
Personnel	13,776.29	14,228.92	(452.63)	140,473.09	170,747.00	82.27%	30,273.91
Not Categorized	32,096.40	36,561.03	(4,464.63)	345,272.21	438,750.00	78.69%	93,477.79
Adminstrative Totals	45,872.69	50,789.95	(4,917.26)	485,745.30	609,497.00	79.70%	123,751.70

100 - General Fund Municipal Court	Current Month Actual	Current Month Budget	Budget Variance	YTD Actual	Annual Budget	% Budget Used	Budget Remaining
Not Categorized	(1,293.51)	4,062.38	(5,355.89)	32,612.55	48,750.00	66.90%	16,137.45
Municipal Court Totals	(1,293.51)	4,062.38	(5,355.89)	32,612.55	48,750.00	66.90%	16,137.45

100 - General Fund Town Attorney	Current Month Actual	Current Month Budget	Budget Variance	YTD Actual	Annual Budget	% Budget Used	Budget Remaining
Not Categorized	0.00	0.00	0.00	250.00	0.00	0.00%	(250.00)
Town Attorney Totals	0.00	0.00	0.00	250.00	0.00	0.00%	(250.00)

100 - General Fund Public Safety	Current Month Actual	Current Month Budget	Budget Variance	YTD Actual	Annual Budget	% Budget Used	Budget Remaining
Personnel	80.43	0.00	80.43	755.53	0.00	0.00%	(755.53)
Not Categorized	28,942.82	52,114.42	(23,171.60)	502,108.03	625,373.00	80.29%	123,264.97
Public Safety Totals	29,023.25	52,114.42	(23,091.17)	502,863.56	625,373.00	80.41%	122,509.44

100 - General Fund Development Services	Current Month Actual	Current Month Budget	Budget Variance	YTD Actual	Annual Budget	% Budget Used	Budget Remaining
Not Categorized	4,120.00	2,641.67	1,478.33	23,450.30	31,700.00	73.98%	8,249.70

Development Services Totals	4,120.00	2,641.67	1,478.33	23,450.30	31,700.00	73.98%	8,249.70

100 - General Fund Community Outreach	Current Month Actual	Current Month Budget	Budget Variance	YTD Actual	Annual Budget	% Budget Used	Budget Remaining
Not Categorized	40.69	1,116.47	(1,075.78)	4,929.47	13,400.00	36.79%	8,470.53
Community Outreach Totals	40.69	1,116.47	(1,075.78)	4,929.47	13,400.00	36.79%	8,470.53

100 - General Fund Engineering	Current Month Actual	Current Month Budget	Budget Variance	YTD Actual	Annual Budget	% Budget Used	Budget Remaining
Not Categorized	9,745.62	10,000.00	(254.38)	113,131.78	120,000.00	94.28%	6,868.22
Engineering Totals	9,745.62	10,000.00	(254.38)	113,131.78	120,000.00	94.28%	6,868.22

100 - General Fund Public Works	Current Month Actual	Current Month Budget	Budget Variance	YTD Actual	Annual Budget	% Budget Used	Budget Remaining
Not Categorized	(1,923.71)	33,500.50	(35,424.21)	27,996.79	402,149.00	6.96%	374,152.21
Public Works Totals	(1,923.71)	33,500.50	(35,424.21)	27,996.79	402,149.00	6.96%	374,152.21
Expense Totals	85,585.03	154,225.39	(68,640.36)	1,190,979.75	1,850,869.00	64.35%	659,889.25

Town of Shady Shores
Balance Sheet
As of June 30, 2020

Account Type	Account Number	Description	Balance	Total
100 - General Fund				
Assets				
	100-1000	Consolidated Cash Equity	220,386.85	
	100-1021	Solid Waste and Recycling Chkg	128,848.31	
	100-1022	General Fund - Reserved	48,234.96	
	100-1023	Reserve Account	330,319.94	
	100-1024	GreenBank - Savings	27,275.57	
	100-1025	TX Republic Chkg	232,488.96	
	100-1026	Certificate of Deposit	0.00	
	100-1027	Access Bank- Savings	50,295.13	
	100-1028	Oakwood Bank	232,961.98	
	100-1029	Tex Pool Investment Account	1,054,875.64	
	100-1040	Petty Cash	97.43	
	100-1110	Accounts receivable	33,000.88	
	100-1299	Undeposited Funds	0.00	
	100-1310	Inventory Asset	0.00	
	100-1450	Prepaid expenses	29,654.81	
	100-1451	Interest Receivable	(254.63)	
	100-1452	INTEREST RECEIVABLE	254.63	
	100-1461	Taxes Receivable	7,257.10	
	100-1462	Due from Other Governments	0.00	
	100-1463	Rent Deposit	0.00	
	Total Assets		2,395,697.56	
				2,395,697.56

Town of Shady Shores
Balance Sheet
As of June 30, 2020

Account Type	Account Number	Description	Balance	Total
100 - General Fund				
Liabilities				
	100-2000	Accounts Payable / Due To Consolidated Cash	607.65	
	100-2010	Accounts payable	41,380.13	
	100-2098	Wages Payable	(15,656.13)	
	100-2100	Payroll Liabilities	(473.97)	
	100-2101	Payroll Liability	5,304.33	
	100-2102	Sales Tax	(27,101.68)	
	100-2103	Federal Witholding	483.48	
	100-2104	Social Security	6,762.18	
	100-2105	Medicare	1,608.11	
	100-2106	Health Care	716.71	
	100-2107	TMRS	23,022.03	
	100-2108	Life Insurance	719.09	
	100-2111	Direct Deposit Liabilities	0.00	
	100-2115	BP - Refund Payable	0.00	
	100-2116	BP - Deposit Refund Payable	0.00	
	100-2117	BP - Bond Liability	0.00	
	100-2140	Accrued sales taxes	(7,272.03)	
	100-2151	Deferred Taxes	7,257.10	
	100-2152	Solid Waste Deposit	3,650.44	
	100-2160	Municipal Court Technology Fund	(1,000.00)	
	100-2161	Municipal Court Security Fund	0.00	
	100-2162	Child Safety Fees	3,530.72	
	100-2165	Credit Card Convenience Fees	(2,153.30)	
	100-2300	Town Reserve Fuinds	0.00	
	100-2301	Emergency Operating Reserves	0.00	
	100-2302	Capital Reserves	0.00	
	100-2303	Roads,Bridge,Drainage Emergency	0.00	
	100-2400	State Fee	9,485.00	
	100-2401	Collection Agency Fees	3,262.30	
	100-2402	Juror Reimbursement Fee	751.41	
	100-2403	Indigent Defense Fund	373.88	
	100-2404	Moving Violation Fee	11.13	
	100-2405	State Traffic Fee	5,065.79	
	100-2406	OmniBase/FTA Fee	1,144.59	
	100-2407	OmniBase FTA Fee - Omnibase	138.00	
	100-2408	Time Payment	529.73	

Town of Shady Shores
Balance Sheet
As of June 30, 2020

Account Type	Account Number	Description	Balance	Total
100 - General Fund				
Liabilities				
	100-2409	Judicial Support Fee	1,121.52	
	100-2410	Truancy Prevention and Diversion Fund	575.79	
	100-2411	Bond Liability	0.00	
	100-2412	Child Safety Seat Belt Fine	0.00	
	Total Liabilities		63,844.00	
Fund Balance				
	100-3000	Fund Balance	(640,635.76)	
	100-3001	Fund Balance	0.00	
	100-3002	General Reserve Account	299,797.76	
	100-3003	Roads and Bridges Reserve Accou	848,505.77	
	100-3004	Capital Improvements Reserve	100,000.00	
	100-3010	Unrestrict (retained earnings)	1,299,296.01	
	Total Fund Balance		1,906,963.78	
		Total Revenue	1,664,343.42	
		Total Expenses	1,190,979.75	
		Current Year Increase (Decrease)	424,889.78	
		Fund Balance Total	1,906,963.78	
		Current Year Increase (Decrease)	424,889.78	
		Total Fund Balance/Equity	2,331,853.56	
	Total Liabilities & Fund Balance			2,395,697.56

Town of Shady Shores
Balance Sheet
As of June 30, 2020

Account Type	Account Number	Description	Balance	Total
210 - MC Building Security Fund				
Assets				
	210-1000	Consolidated Cash Equity	1,167.06	
	Total Assets		1,167.06	
				1,167.06

Town of Shady Shores
Balance Sheet
As of June 30, 2020

Account Type	Account Number	Description	Balance	Total
210 - MC Building Security Fund				
Liabilities				
	210-2000	Accounts Payable / Due To Consolidated Cash	0.00	
	Total Liabilities		0.00	
Fund Balance				
	210-3000	Fund Balance	783.70	
	Total Fund Balance		783.70	
		Total Revenue	383.36	
		Total Expenses	0.00	
		Current Year Increase (Decrease)	383.36	
		Fund Balance Total	783.70	
		Current Year Increase (Decrease)	383.36	
		Total Fund Balance/Equity	1,167.06	
	Total Liabilities & Fund Balance			1,167.06

Town of Shady Shores
Balance Sheet
As of June 30, 2020

Account Type	Account Number	Description	Balance	Total
220 - MC Technology Fund				
Assets				
	220-1000	Consolidated Cash Equity	1,464.21	
	Total Assets		1,464.21	
				1,464.21

Town of Shady Shores
Balance Sheet
As of June 30, 2020

Account Type	Account Number	Description	Balance	Total
220 - MC Technology Fund				
Liabilities				
	220-2000	Accounts Payable / Due To Consolidated Cash	0.00	
	Total Liabilities		0.00	
Fund Balance				
	220-3000	Fund Balance	1,045.07	
	Total Fund Balance		1,045.07	
		Total Revenue	419.14	
		Total Expenses	0.00	
		Current Year Increase (Decrease)	419.14	
		Fund Balance Total	1,045.07	
		Current Year Increase (Decrease)	419.14	
		Total Fund Balance/Equity	1,464.21	
	Total Liabilities & Fund Balance			1,464.21

Town of Shady Shores
Balance Sheet
As of June 30, 2020

Account Type	Account Number	Description	Balance	Total
999 - Consolidated Cash				
Assets				
	999-1000	Consolidated Cash Checking	223,018.12	
	999-1029	Tex Pool Investment Account	0.00	
	999-1201	Due From General Fund	(15,048.48)	
	999-1202	Due From MC Building Security Fund	0.00	
	999-1203	Due From MC Technology Fund	0.00	
	Total Assets		207,969.64	
				207,969.64

Town of Shady Shores
Balance Sheet
As of June 30, 2020

Account Type	Account Number	Description	Balance	Total
999 - Consolidated Cash				
Liabilities				
	999-2000	Accounts Payable	607.65	
	999-2098	Wages Payable	(15,656.13)	
	999-2999	Due To Other Funds	223,018.12	
	Total Liabilities		207,969.64	
		Total Revenue	0.00	
		Total Expenses	0.00	
		Current Year Increase (Decrease)	0.00	
		Fund Balance Total	0.00	
		Current Year Increase (Decrease)	0.00	
		Total Fund Balance/Equity	0.00	
	Total Liabilities & Fund Balance			207,969.64

CASH FLOW ANALYSIS
FY 2019
Quarter Ending September 2019

Cash Flow

General Fund
Beginning Balance: $ 237,830

	Inflows	Outflows	Balance
October	$58,862	($186,806)	$109,886
November	$76,007	($57,889)	$128,004
December	$685,451	($170,999)	$642,456
January	$298,094	($84,915)	$855,634
February	$170,954	($75,125)	$951,463
March	$64,579	($568,746)	$447,296
April	$39,101	($287,197)	$199,200
May	$47,597	($55,322)	$191,475
June	$33,322	($71,707)	$153,090
July			$153,090
August			$153,090
September			$153,090

Town of Shady Shores Reserve Account
$ 329,948

	Inflows	Outflows	Balance
October	$0	$0	$329,948
November	$0	$0	$329,948
December	$125	$0	$330,073
January	$0	$0	$330,073
February	$0	$0	$330,073
March	$123	$0	$330,196
April	$0	$0	$330,196
May	$0	$0	$330,196
June	$123	$0	$330,319
July	$0	$0	$330,319
August	$0	$0	$330,319
September	$0	$0	$330,319

Access Bank
$ 50,238

	Inflows	Outflows	Balance
October	$6	$0	$50,244
November	$6	$0	$50,251
December	$6	$0	$50,257
January	$6	$0	$50,263
February	$6	$0	$50,269
March	$6	$0	$50,275
April	$6	$0	$50,281
May	$6	$0	$50,287
June	$6	$0	$50,294
July	$0	$0	$50,294
August	$0	$0	$50,294
September	$0	$0	$50,294

Overall Balance
$1,447,963
$1,451,929
$1,996,567
$2,201,856
$2,517,857
$2,545,041
$2,286,084
$2,276,281
$2,266,996
$2,266,996
$2,266,996
$2,266,996

Texas Republic Bank
Beginning Balance: $ 230,759

	Inflows	Outflows	Balance
October	$195	$0	$230,954
November	$183	$0	$231,137
December	$202	$0	$231,338
January	$196	$0	$231,534
February	$177	$0	$231,710
March	$202	$0	$231,913
April	$190	$0	$232,102
May	$183	$0	$232,286
June	$203	$0	$232,488
July	$0	$0	$232,488
August	$0	$0	$232,488
September	$0	$0	$232,488

Solid Waste Accounts
$ 113,999

	Inflows	Outflows	Balance
October	$4,725	($16,346)	$102,378
November	$1,109	($16,443)	$87,044
December	$49,958	($21,006)	$115,996
January	$7,988	($16,955)	$107,028
February	$3,104	($16,597)	$93,536
March	$51,648	($21,504)	$123,680
April	$4,684	($16,606)	$111,758
May	$14,919	($17,913)	$108,764
June	$46,064	($18,021)	$136,807
July	$0	$0	$136,807
August	$0	$0	$136,807
September	$0	$0	$136,807

General Fund Reserve Account
$ 48,181

	Inflows	Outflows	Balance
October	$0	$0	$48,181
November	$0	$0	$48,181
December	$18	$0	$48,199
January	$0	$0	$48,199
February	$0	$0	$48,199
March	$18	$0	$48,217
April	$0	$0	$48,217
May	$0	$0	$48,217
June	$18	$0	$48,235
July	$0	$0	$48,235
August	$0	$0	$48,235
September	$0	$0	$48,235

Green Bank
Beginning Balance: $ 27,103

	Inflows	Outflows	Balance
October	$34	$0	$27,137
November	$29	$0	$27,166
December	$28	$0	$27,194
January	$31	$0	$27,225
February	$26	$0	$27,251
March	$12	$0	$27,263
April	$6	$0	$27,268
May	$6	$0	$27,274
June	$6	$0	$27,280
July	$0	$0	$27,280
August	$0	$0	$27,280
September	$0	$0	$27,280

Tex Pool Accounts
Balance $548,391.00

	Inflows	Outflows	Balance
October	$843	$0	$549,234
November	$964	$0	$550,198
December	$856	$0	$551,054
January	$846	$0	$551,900
February	$773	$0	$552,673
March	$500,713	$0	$1,053,386
April	$815	$0	$1,054,201
May	$674	$0	$1,054,875
June	$650	$0	$1,055,525
July	$0	$0	$1,055,525
August	$0	$0	$1,055,525
September	$0	$0	$1,055,525

Oakwood Bank
Balance $231,136.00

	Inflows	Outflows	Balance
October	$442	$0	$231,578
November	$276	$0	$231,854
December	$305	$0	$232,159
January	$296	$0	$232,454
February	$228	$0	$232,682
March	$133	$0	$232,816
April	$46	$0	$232,861
May	$46	$0	$232,908
June	$51	$0	$232,959
July	$0	$0	$232,959
August	$0	$0	$232,959
September	$0	$0	$232,959

INVESTMENT COMMMITTEE REPORT APRIL 2020-JUNE 2020

	Total Invesments	Independent Bank Reserve Account	Greenbank Reserve Account	TX Republic Reserve Account	Access Bank	Fund Balance	Tex Pool	Oakwood Bank	General Fund	Solid Was Acc
Beginning of the Period	$2,545,141	$330,197	$27,183	$232,109	$50,274	$48,199	$1,053,386	$232,816	$447,297	$123,680
Additions	$185,273		$0	$0	$0	$0		$0	$119,710	$65,563
Withdrawals	($466,765)		$0	$0	$0	$0	$0	$0	($414,226)	($52,539)
Accumulated Interest	$3,494	$123	$18	$576	$18	$18	$2,139	$143	$310	$148
End of Period	$2,267,143	$330,320	$27,201	$232,685	$50,292	$48,217	$1,055,525	$232,959	$153,091	$136,852
Average Interest Rate										
1st Month of the Period - April	2.20%	15.00%	0.50%	0.80%	0.15%	0.15%	2.38%	0.50%	0.15%	0.15%
2and Month of the Period - May	2.20%	15.00%	0.50%	0.80%	0.15%	0.15%	2.38%	0.50%	0.15%	0.15%
3rd Month of the Period -June	2.21%	15.00%	0.50%	0.80%	0.15%	0.15%	2.52%	0.50%	0.15%	0.15%
Percent of Change	-10.92%	0.04%	0.07%	0.25%	0.04%	0.04%	0.20%	0.06%	-65.77%	10.65%
Is this investment in compliance with:										
Investment Policy	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes
Relevant Provision of PFIA (Public Funds Investment Act)	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes
MAYORS SIGNATURE										
DATE										

Collateralization Levels

Required Level: 105.00%

Time Deposits

Maturity	Face Value	Accrued Interest		Total
	0.00	0.00		0.00
Total	**0.00**	**0.00**		**0.00**

Collateral Securities

CUSIP	Face Value	Description	Book Value	Market Value
31xxxxx	2,000,000.00	Federal FARM CR BKS		2,395,520.00
313xxx	300,000.00	Federal FARM CR BKS		320,529.90
Total Market Value	**2,300,000.00**		**2,530,996.20**	**2,790,172.40**
+ FDIC Insurance				**250,000.00**
Total MV + Insurance				**3,040,172.40**

Total Collateralization Level

Jun-20	$708,385	23%

AGENDA MEMORANDUM

DATE: July 13, 2020

TO: Town Council

FROM: Wendy Withers, Town Administrator

SUBJECT: **Budget Worksession- Conduct a worksession relative to the proposed 2021 FY Budget for the Town of Shady Shores.**

BACKGROUND/INFORMATION:

Conduct a worksession relative to the proposed 2021 Fiscal Year Budget. The attached budget is a draft budget and has not been finalized. Certified appraisals will be delivered to the Town on or around July 25, at that time staff will finalize budget numbers and advertise public hearings for the budget and the proposed tax rate.

FINANCIAL IMPLICATIONS:

RECOMMENDATION/ACTION DESIRED:

ATTACHMENTS/SUPPORTING DOCUMENTATION:

1. Working Budget 2021

REVIEWED BY:

Account Description	2019-2020 Current	Current YTD	2020-2021 Requ	% Change
GENERAL INCOME				
Ad ValoremTax	1056004	1058468.09	1056004	0.00 %
Sales Tax	83661	122263.21	90000	7.04 %
ONCOR	82000	84536.22	82000	0.00 %
Atmos Energy	27000	254.63	27000	0.00 %
CoServe	60	61.06	0	0.00 %
Telephone Franchise	0	30858.82	24000	100.00 %
Charter Communication	26000	16807.32	15000	-73.33 %
Public Information Requests	50	0	50	0.00 %
Other Income	100	0	100	0.00 %
Facility Rental	600	75	150	-300.00 %
Reimbursements	100	11623	100	0.00 %
Community Events Income	1000	103.22	500	-100.00 %
Solid Waste Collections	218000	157056	218000	0.00 %
Solid Waste Collection-Late Fee	1500	0	0	0.00 %
Connect Fees	2500	0	2500	0.00 %
Local government grants	4000	0	4000	0.00 %
Municipal Court Fines	0	8498.87	0	0.00 %
Variances	1000	4570	1000	0.00 %
Building Permit Fees	45000	7429	45000	0.00 %
Inspections	0	104500	0	0.00 %
Platting; Zoning Changes	5000	2000	5000	0.00 %
Interest Earned	14000	13669.53	14000	0.00 %
MUN Court SVC Fee Retained	20000	2592.93	20000	0.00 %
Zoning Building Permit Fees	0	100	0	0.00 %
Warrant Fee	0	68.94	0	0.00 %
Child Safety Seat Belt Fine	0	62.95	0	0.00 %
Inspections-Atkisson Ranch	0	0	0	0.00 %
Platting; Zoning Changes	0	0	0	0.00 %
Platting; Zoning Changes	0	0	0	0.00 %
Total	**1587575**	**1625598.79**	**1604404**	**1.05 %**
BUDGETED FUND BALANCE	263294	0	488490	46.10 %
FEMA Grant Funding	0	0	0	0.00 %
FHWA - Funding	0	0	0	0.00 %
Fund Balance Transfer	0	0	0	0.00 %
Total	**1850869**	**1625598.79**	**2092894**	**46.10 %**
ADMINISTRATION				
Social Security/Medicare	0	2071.08	0	0.00 %
Bank Service Charges	300	-5385.75	0	0.00 %
Software	15552	11888.36	30000	48.16 %
Attorney Fees	30000	21140	30000	0.00 %
Office Supplies	3500	4018.6	3500	0.00 %
Library	29046	29046	29046	0.00 %
Accounting/Audit fees	7545	7750	8000	5.69 %
Legal Advertising	2500	313.3	2500	0.00 %

Account Description	2019-2020 Current	Current YTD	2020-2021 Requ	% Change
Postage, shipping, delivery	1500	1501	1500	0.00 %
Codification	3500	840	4000	12.50 %
Election expenses	6000	0	6000	0.00 %
Dues	1200	1366	1500	20.00 %
Ad Valorem Tax Svc	7500	4875.84	7500	0.00 %
Contingency provisions	35007	54089	0	0.00 %
Office Supplies	0	33.96	0	0.00 %
Books, subscriptions, reference	200	126.7	200	0.00 %
Town Secretary	63027	51710	71500	11.85 %
Office Clerk	25000	19308	25000	0.00 %
Deputy Town Secretary	39920	32819	40000	0.20 %
Payroll Tax	13000	6430.82	15000	13.33 %
TMRS	15000	17916	18000	16.67 %
Staff Development	9100	2158	10000	9.00 %
Workers' Compensation	800	10	800	0.00 %
Health Care	14000	9793.25	14000	0.00 %
Insurance	6000	5386.62	6000	0.00 %
Computer Expenses	15000	10961.97	25000	40.00 %
Telephone	2800	1352	2800	0.00 %
Utility Atmos Energy	1000	739.26	1000	0.00 %
Utility LCMUA	1800	1679.01	1800	0.00 %
Utility Electric	14000	9139	14000	0.00 %
Building Maintenance	22000	26812.8	30000	26.67 %
Postage- Solid Waste	1700	521.49	0	0.00 %
Solid Waste Contract	187000	151204.14	200000	6.50 %
Salary Adjustments	35000	0	20000	-75.00 %
Total	**609497**	**481615.45**	**618646**	**1.48 %**
MUNICIPAL COURT				
Staff development	5000	1796.32	5000	0.00 %
Social Security/Medicare	0	0	0	0.00 %
Bank Service Charges	0	0	0	0.00 %
Software	3350	2425	3700	9.46 %
Attorney Fees	8000	6321.3	10000	20.00 %
Office Supplies	100	16.49	100	0.00 %
Postage, shipping, delivery	1000	0	1000	0.00 %
Books, subscriptions, reference	0	0	0	0.00 %
Contingency provisions	0	0	0	0.00 %
Municipal Judge	4800	2800	4800	0.00 %
Municipal Court Clerk	12000	8222	12000	0.00 %
Unemployment Tax - TWC	0	0	0	0.00 %
TMRS	1000	0	1000	0.00 %
Baliff	1000	225	500	-100.00 %
Municipal Court Fines to State	10000	12382.89	10000	0.00 %
Municipal Court Software	0	0	0	0.00 %
Municipal Court Jury Service	500	45	500	0.00 %
Deliquent Ticket Collection Fee	2000	917.8	2000	0.00 %

Account Description	2019-2020 Current	Current YTD	2020-2021 Requ	% Change
TMRS	0	0	0	0.00 %
Computer Expenses	0	0	0	0.00 %
Postage (Municipal Court)	0	150	0	0.00 %
Total	**48750**	**35301.8**	**50600**	**3.66 %**
PUBLIC SAFETY				
Social Security/Medicare	0	714.26	0	0.00 %
Software	800	787.5	1000	20.00 %
Attorney Fees	0	3077.5	0	0.00 %
Animal Control	16500	12422.42	17000	2.94 %
Code Enforcement Officer	15000	7904	15000	0.00 %
Fire Dept	336209	213472.64	320796	-4.80 %
Police Patrol Svc	250864	250864	259852	3.46 %
Police Patrol Services- OT	2000	0	2000	0.00 %
Child Safety Programs	4000	4000	4000	0.00 %
Building Inspector	0	12630	0	0.00 %
Car Allowance	0	900	0	0.00 %
Total	**625373**	**506772.32**	**619648**	**-0.92 %**
Building Inspector	29700	22400	40000	25.75 %
Software	2000	1050	2500	20.00 %
Contingency provisions	0	0	0	0.00 %
Computer Expenses	0	0	0	0.00 %
Total	**31700**	**23450**	**42500**	**25.41 %**
SPAN	0	0	0	0.00 %
KSSB	5000	1357.7	5000	0.00 %
Community Events	2500	2161.01	5000	50.00 %
Promotional	5900	1410.76	6000	1.67 %
Computer Expenses	0	0	0	0.00 %
Contingency provisions	0	0	0	0.00 %
Total	**13400**	**4929.47**	**16000**	**16.25 %**
Attorney Fees	20000	9180	20000	0.00 %
Contingency provisions	0	0	0	0.00 %
Roads / Streets	0	31606.65	0	0.00 %
Engineer fees	100000	64883	100000	0.00 %
Engineer fees	0	7461	0	0.00 %
Total	**120000**	**113130.65**	**120000**	**0.00 %**
Computer Expenses	0	0	0	0.00 %
public works materials			0	0.00 %
Public Works	40000	25662	45000	11.11 %
Signs	2500	2234.2	3000	16.67 %
Grants NCTCOG-FEMA CTP	0	0	0	0.00 %
Regional Storm Water Program	2500	100	2500	0.00 %
Roads / Streets	357149	0	575000	37.89 %

Account Description	2019-2020 Current	Current YTD	2020-2021 Requ	% Change
Total	**402149**	**27996.2**	**625500**	**35.71 %**
Total Expenses	1850869	1193195.89	2092894	
Income	1850869	1625598.79	2092894	
NOI	0	432402.9	0	

Account Description	2019-2020 Current	Current YTD	2020-2021 Requested	% Change
MC- Building Security Fund	0	319.45	0	0.00 %
Total	**0**	**319.45**	**0**	**0.00 %**
Payroll Tax	0	0	0	0.00 %
Total	**0**	**0**	**0**	**0.00 %**

Account Description	2019-2020 Current	Current YTD	2020-2021 Requested	% Change
MC - Technology Fund	0	365.42	0	0.00 %
Total	**0**	**365.42**	**0**	**0.00 %**

AGENDA MEMORANDUM

DATE: July 13, 2020

TO: Town Council

FROM: Wendy Withers, Town Administrator

SUBJECT: **Parking Ordinance- Consider and act on approval of an Ordinance regulating parking on Lakeshore Road and Garza Road.**

BACKGROUND/INFORMATION:

FINANCIAL IMPLICATIONS:

RECOMMENDATION/ACTION DESIRED:

ATTACHMENTS/SUPPORTING DOCUMENTATION:

1. S.S.parkingGarzaLakeshore2020

REVIEWED BY:

Ordinance No._____
(Parking Regulations)

AN ORDINANCE AMENDING CHAPTER 12 OF THE SHADY SHORES CODE OF ORDINANCES BY ADDING SECTION 12.03.010; PROVIDING REGULATIONS FOR PROHIBITING PARKING OF MOTOR VEHICLES IN SPECIFIC LOCATIONS OF THE RIGHT OF WAY OF LAKESHORE DRIVE AND GARZA ROAD, PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALER CLAUSE; PROVIDING FOR A PENALTY OF A FINE NOT TO EXCEED THE SUM OF $500.00 FOR EACH OFFENSE; PROVIDING A PUBLICATION CLAUSE; AND PROVIDING AN EFFECTIVE DATE

WHEREAS**,** the governing body of the Town of Shady Shores, in compliance with the laws of the State of Texas and the ordinances of the Town of Shady Shores, have given requisite notice, and in the exercise of its legislative discretion has concluded that the Municipal Code of Ordinances of the Town of Shady Shores should be amended to as described herein:

WHEREAS, the Town Council of the Town of Shady Shores ("Town Council") seeks to provide for the public health, safety, and welfare of its citizens; and

WHEREAS, the Town Council seeks to promote orderly and safe use of property within the Town of Shady Shores, Texas ("Town"); and

WHEREAS, pursuant to Texas Local Government Code Section 51.001, the Town has general authority to adopt an ordinance or police regulation that is for the good government, peace or order of the Town and is necessary or proper for carrying out a power granted by law to the Town; and

WHEREAS, the laws of the State of Texas, including those found in Chapter 51 Sections 51.001, 51.012, and 51.032 of the Texas Local Government Code, as amended, provide the Town authority to adopt ordinances for good government, peace, order, or welfare of the municipality; and

WHEREAS, the Town Council has received input from the citizens and Town staff which supports the purpose and terms of this ordinance; and

WHEREAS, the Town Council finds that the terms of this ordinance are reasonable, necessary, and proper for the good government of the Town of Shady Shores, and in the best interests of its residents;

NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF SHADY SHORES, TEXAS:

Section 1. *Parking Regulations* Section 12.03.010 of the Code of Ordinances, Town of Shady Shores, Texas, is hereby adopted and added to the Code, regarding Parking Regulations, to read in accordance with the provisions below:

12.03.010 PARKING PROHIBITIONS

A. Lakeshore Drive. No parking is permitted at any time in the right of way of Lakeshore Drive from the intersection of Oberman Lane and Lakeshore Drive to the intersection of Coe Road and Lakeshore Drive.

B. Garza Road. No parking is permitted at any time in the right of way of Garza Road from the intersection of Brown Terrace and Garza Road northward on Garza Road to the end of Garza Road.

SECTION 2. *Severability.* That should any word, phrase, paragraph, section or portion of this ordinance be held to be illegal, invalid or unenforceable, the legality, validity and enforceability of the remaining portions of the ordinance shall not be affected thereby, and each such illegal, invalid or unenforceable word, phrase, paragraph, section or portion shall not affect the ordinance as a whole.

SECTION 3. *Repealer.* That all provisions of the ordinances of the Town of Shady Shores in conflict with the provisions of this Ordinance be, and the same are hereby, repealed, and all other provisions of the ordinances of the Town of Shady Shores not in conflict with the provisions of this Ordinance shall remain in full force and effect.

SECTION 4. *Penalty.* That any person, firm or corporation violating any of the provisions or terms of this Ordinance shall be guilty of a Class C misdemeanor offense, and upon conviction shall be punished by a fine not to exceed the sum of $500.00 for each offense; and each and every day such violation shall continue shall be deemed to constitute a separate offense.

SECTION 5. *Publication.* In accordance with Section 52.011 of the Local Government Code, the caption of this Ordinance shall be published either (a) in every issue of the official newspaper of the Town of Shady Shores for two days, or (b) one issue of the newspaper if the official newspaper is a weekly paper. An affidavit by the printer or the publisher of the official newspaper verifying the publication shall be filed in the office of the Town Secretary.

SECTION 6. *Effective Date.* This Ordinance shall take effect upon publication of the caption, as the law in such case provides.

ADOPTED this ____ day of _____ 2020, by the Shady Shores Town Council.

APPROVED:

_____
Cindy Aughinbaugh, Mayor

ATTEST:

_____
Wendy Withers, Town Secretary

APPROVED AS TO FORM:

_____
James E. Shepherd, Town Attorney

AGENDA MEMORANDUM

DATE: July 13, 2020

TO: Town Council

FROM: Wendy Withers, Town Administrator

SUBJECT: **Building and Fire Code Updates- Consider and act on approval of an Ordinance updating the Building and Fire Codes.**

BACKGROUND/INFORMATION:

FINANCIAL IMPLICATIONS:

RECOMMENDATION/ACTION DESIRED:

ATTACHMENTS/SUPPORTING DOCUMENTATION:

1. 7.6.20.4Ordinance Amending the Code of Ordinances020620 (002)

REVIEWED BY:

ORDINANCE NO. _____
(OFFICIAL CODES)

AN ORDINANCE OF THE TOWN OF SHADY SHORES, DENTON COUNTY, TEXAS ADOPTING THE CONSTRUCTION, CONSERVATION, ENERGY, ELECTRIC AND RELATED CODES LISTED HEREIN AS THE OFFICIAL CODES OF THE TOWN AS MODIFIED BY THE LOCAL CHANGES TO THE CODES BY THE TOWN OF SHADY SHORES; PROVIDING A SEVERABILITY CLAUSE; PROVIDING PENALTY OF A FINE NOT TO EXCEED $2,000.00 PER DAY, FOR EACH DAY OF VIOLATION; REPEALING CONFLICTING ORDINANCES; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the Town of Shady Shores is a Type A, General Law municipality; and

WHEREAS, the Texas Local Government Code, Section 214.212 requires the adoption of the International Residential Code to comply with state law; and

WHEREAS, the Town Council of the Town of Shady Shores, Texas ("Town Council") previously adopted the 2015 Edition of the International Fire Code, 2009 Edition of the International Building Code, 2009 Edition of the International Plumbing Code, 2009 Edition of the International Mechanical Code, 2009 Edition of the International Residential Code, , and the 2011 edition of the National Electrical Code by Ordinance 160-3-2004, sec. 1-6, adopted 3/1/04, and

WHEREAS, the Town Council has investigated and determined that it is in the best interest of the Town of Shady Shores, Texas to amend Article 3.02 of the Shady Shores Code of Ordinances by adopting the 2018 Edition of the International Fire Code, with amendments; the 2018 Edition of the International Building Code (Sec. 3.02.031), the 2018 International Residential Code(Sec. 3.02.071), the 2017 National Electric Code **(**Sec. 3.02.121**)**, 2018 International Plumbing Code(Sec. 3.02.161) ,2018 International Mechanical Code(Sec. 3.02.201) , and

WHEREAS, the Town Council deems it desirable and proper to update the editions of the referenced codes as the official codes of the Town ,

NOW THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF SHADY SHORES, TEXAS:

SECTION 1. **RECITALS AND AMENDMENTS** That the above recitals are hereby found to be true and correct and incorporated herein for all purposes. The Town Council hereby adopts the following Codes, including the Regional Amendments to each code as recommended by the North Central Texas Council of Governments - ("NCTCOG") collectively referred to as the "Official Codes" of the Town, as required or modified by the Texas statutes referenced; and the amendments to the Codes as set forth in the attached Exhibits identified below.

Article 3.02 TECHNICAL AND CONSTRUCTION CODES AND STANDARDS of the Code of Ordinances of the Town of Shady Shores, Texas, be, and the same is hereby amended as follows:

SECTION 2. 2018 INTERNATIONAL BUILDING CODE.

"**Sec. 3.02.031 - ADOPTION OF 2018 INTERNATIONAL BUILDING CODE AND AMENDMENTS, ADDITIONS AND DELETIONS.**

The 2018 edition of the International Building Code is hereby adopted for the purpose of establishing rules and regulations for the construction, alteration, removal, demolition, equipment, use and occupancy, location, and maintenance of buildings and structures, including permits, in the town, except as otherwise specifically provided in this article. The 2018 edition of the International Building Code is hereby made a part of this section as if fully and to the same extent as if copied herein in full.

The *International Building Code,* 2018 edition, including Appendices C, E, F, G, I, J and K, as published by the International Code Council is hereby adopted, and designated as the building code of the Town, and is made a part hereof, as amended. Amendments, additions, and deletions to the *International Building Code,* 2018 edition, are hereby adopted and attached as Exhibit "B" to this Ordinance. Exhibit "B^{II} shall be maintained as a public record in the office of the Town Secretary. In the event a conflict is determined to exist between the *International Building Code* as adopted and the other provisions of this chapter, the latter provisions shall be construed as controlling and taking precedence over the former."

SECTION 3. 2018 INTERNATIONAL RESIDENTIAL CODE

"**Sec. 3.02.071 - ADOPTION OF 2018 INTERNATIONAL RESIDENTIAL CODE AND AMENDMENTS, ADDITIONS AND DELETIONS.**

The 2018 edition of the International Residential Code is hereby adopted for the purpose of establishing rules and regulations for the construction, alteration, removal, demolition, equipment, use and occupancy, location, and maintenance of buildings and structures, including permits, in the town, except as otherwise specifically provided in this article. The 2018 edition of the International Residential Code is hereby made a part of this section as if fully and to the same extent as if copied herein in full.

The *International Residential Code,* 2018 edition, including Appendices H, I, J, K, M, N, 0, P, Q and T as published by the International Code Council, is hereby adopted, and designated as the residential code of the Town, and is made a part hereof, as amended. Amendments, additions, and deletions to the *International Residential Code,* 2018 edition, are hereby adopted and attached as Exhibit "G" to this Ordinance. Exhibit "G" shall be maintained as a public record in the office of the Town Secretary. In the event a conflict is determined to exist between the *International Residential Code* as adopted and the other provisions of this chapter, the latter provisions shall be construed as controlling and taking precedence over the former. (Energy Efficiency Chapter of the IRC. Health and Safety Code, 388.003;)

SECTION 4. 2017 NATIONAL ELECTRIC CODE

"Sec. 3.02.121 - ADOPTION OF ELECTRICAL CODE AND AMENDMENTS, ADDITIONS AND DELETIONS.

The 2017 edition of the National Electrical Code is hereby adopted for the purpose of establishing minimum standards for the installation of all electrical wiring, devices and equipment within the town, except as otherwise specifically provided in this code. The 2017 edition of the National Electrical Code is hereby made a part of this section as if fully and to the same extent as if copied herein in full.

The *National Electrical Code,* 2017 edition, as published by the National Fire Protection Association is hereby adopted, and designated as the electrical code of the Town, and is made a part hereof, as amended. Amendments, additions, and deletions to the *National Electrical Code,* 2017 edition, are hereby adopted and attached as Exhibit "D" to this Ordinance. Exhibit "D" shall be maintained as a public record in the office of the Town Secretary. In the event a conflict is determined to exist between the *National Electrical Code* as adopted and the other provisions of this chapter, the latter provisions shall be construed as controlling and taking precedence over the former."

SECTION 5. 2018 INTERNANTIONAL PLUMBING CODE

"Sec. 3.02.161 ADOPTION OF PLUMBING CODE AND AMENDMENTS, ADDITIONS AND DELETIONS.

The 2018 edition of the International Plumbing Code is hereby adopted for the purpose of establishing rules and regulations for the installation, alteration, repair and replacement of all plumbing piping, fittings, fixtures, and equipment which may be connected to the water and sewer system within the town, except as otherwise specifically provided in this code. The 2009 edition of the International Plumbing Code is hereby made a part of this section as if fully and to the same extent as if copied herein in full.

The *International Plumbing Code,* 2018 edition, including Appendices Chapters C, and E, as published by the International Code Council, is hereby adopted, and designated as the plumbing code of the Town, and is made a part hereof, as amended. Amendments, additions, and deletions to the *International Plumbing Code,* 2018 edition, are hereby adopted and attached as Exhibit "C" to this Ordinance. Exhibit "C" shall be maintained as a public record in the office the Town Secretary. In the event a conflict is determined to exist between the *International Plumbing Code* as adopted and the other provisions of this chapter, the latter provisions shall be construed as controlling and taking precedence over the former."

SECTION 6. 2018 INTERNATIONAL MECHANICAL CODE

"Sec. 3.02.201 - ADOPTION OF MECHANICAL CODE AND AMENDMENTS, ADDITIONS AND DELETIONS.

The 2018 edition of the International Mechanical Code is hereby adopted for the purpose of establishing, regulating and controlling the design, construction, installation, quality of material, location, operation and maintenance or use of heating, ventilating, cooling, and refrigeration systems, incinerators, and other miscellaneous heat-producing and cooling appliances within the town, except as otherwise specifically provided in this code. The 2018 edition of the International Mechanical Code is hereby made a part of this section as if fully and to the same extent as if copied herein in full.

The *International Mechanical Code,* 2018 edition, as published by the International Code Council, is hereby adopted, and designated as the mechanical code of the Town, and is made a part hereof, as amended. Amendments, additions, and deletions to the *International Mechanical Code,* 2018 edition, are hereby adopted and attached as Exhibit "E" to this Ordinance. Exhibit "E" shall be maintained as a public record in the office of the Town Secretary. In the event a conflict is determined to exist between the *International Mechanical Code* as adopted and the other provisions of this chapter, the latter provisions shall be construed as controlling and taking precedence over

the former."

SECTION 7. 2018 INTERNATIONAL SWIMMING POOL AND SPA CODE

"Sec. 3.02.250 ADOPTION OF SWIMMING POOL AND SPA CODE AND AMENDMENTS, ADDITIONS AND DELETIONS (ISPSC dated May 9, 2019 per the Local Government Code 214.103)

The *International Swimming Pool and Spa Code,* 2018 edition, as published by the International Code Council, a copy of which is on file in the office of the Town Secretary, is hereby adopted, and designated as the *Swimming Pool and Spa Code* of the Town, and is made a part hereof, as amended. Amendments, additions, and deletions to the *Swimming Pool and Spa Code,* 2018 edition, are hereby adopted and attached as Exhibit "K" to this Ordinance. Exhibit "K" shall be maintained as a public record in the office of the Town Secretary. In the event a conflict is determined to exist between the *Swimming Pool and Spa Code* as adopted and the other provisions of this chapter, the latter provisions shall be construed as controlling and taking precedence over the former.

SECTION 8. **2018 International Fire Code**

"**Section 3.02.300 ADOPTION OF THE 2018 INTERNATIONAL FIRE CODE AND AMENDMENTS, ADDITIONS AND DELETIONS**

The *International* Fire Code, 2018 edition, including Appendices B, E, D, F and G, as published by the International Code Council and designated as the fire code of the Town, and is made a part hereof, as amended. Amendments, additions, and deletions to the *International* Fire Code, 2018 edition, are hereby adopted and attached as Exhibit "A" to this ordinance. Exhibit "A" shall be maintained as a public record in the office of the Town Secretary and the Fire Marshal. In the event a conflict is determined to exist between the *International* Fire Code as adopted and the other provisions of this chapter, the latter provisions shall be construed as controlling and taking precedence over the former. (Local Government Code 233.061)"

SECTION III. SEVERABILITY

If any section, paragraph, subdivision, clause, phrase, or provision of this Ordinance shall be adjudged invalid or held unconstitutional, the same shall not affect the validity of this Ordinance as a whole or any part of provisions thereof, other than the part so decided to be invalid or unconstitutional.

SECTION IV. PENALTY CLAUSE

Each person, firm, corporation, or other legal entity is required to comply with the Official Codes, and any failure to do so is a violation of this Ordinance.

That any person, firm or corporation violating any of the provisions or terms of this Ordinance upon conviction shall be punished by a fine not to exceed the sum of $2.000.00 for each offense; and each and every day such violation shall continue shall be deemed to constitute a separate offense.

SECTION V. REPEAL OF CONFLICTING ORDINANCES

All ordinances, orders or resolutions heretofore passed and adopted by the Town Council of the Town of Shady Shores, Texas, are hereby repealed to the extent that said ordinances, orders and resolutions, or parts thereof, are in conflict herewith.

SECTION VI. EFFECTIVE DATE AND ENFORCEMENT

The Town Council finds and determines that the passage of this Ordinance is necessary for the immediate preservation of the public peace, health and safety, and shall become effective on and after the date of its adoption by the Town Council.

APPROVED AND ADOPTED THIS ____ DAY OF _____, 2020.

APPROVED:

_____
Cindy Aughinbaugh, Mayor

ATTEST:

_____
Wendy Withers, Town Secretary

APPROVED AS TO FORM:

_____
James E. Shepherd, Town Attorney

Exhibits- Local Amendments to ICC Codes.

		PAGES
A	2018 International Fire Code,	(6-28)
B	2018 International Building Code,	(29-41)
C	2018 International Plumbing Code,	(42-59)
D	2017 National Electric Code,	(60-61)
E	2018 International Mechanical Code,	62-63)
F	Reserved	64
G	2018 International Residential Code	(65-73)
H	2018 International Property Maintenance Code	(74-76)
I	Reserved	77
J	2018 International Swimming Pool and Spa Code,	(87-92)

EXHIBIT "A"

Town of Shady Shores Amendments 2018 International Fire Code

The following sections, paragraphs, and sentences of the *2018 International Fire Code* (IFC) are hereby amended as follows:

Section 101.1 Is amended to read as follows:

Title. These regulations shall be known as the Fire Code of the Town of Shady Shores, herein referred to as "this code"

Section 101.1.1; add new Section 101.1.1 to read as follows:

101.1.1 Adoption of Appendices. The following Appendices contained in the International Fire Code, 2018 Edition, are adopted and made a part of this Fire Code:
Appendix B – Fire-flow
Requirements for Buildings
Appendix E – Hazard
Categories
Appendix D—Fire
Apparatus Access
Roads Appendix F
– Hazard Ranking
Appendix G – Cryogenic Fluids – Weight and Volume Equivalents

Section 102.1; change #3 to read as follows:

3. Existing structures, facilities, and conditions when required in Chapter 11 or in specific sections of this code.

Section 103 Fire

Prevention Division

Section 103.1 is

amended to read as

follows:

General. The Fire Code shall be enforced by the Division of Fire Prevention. The Division of Fire Prevention is hereby established as a division of the Fire Department of

the Town of Shady Shores and shall be operated under the supervision of the Fire Chief.

Section 103.2 is amended to read as follows:

Appointment. The Fire Marshal (Fire Code Official) shall be appointed by the Fire Chief of the Town of Shady Shores on the basis of proper qualifications.

Section 103.3 is amended to read as follows:

Deputies. The Fire Chief may assign such members of the Fire Department as inspectors, technical officers and other employees

Section 104.1 is amended by adding the following:

Under the Fire Chief's direction, the fire department is authorized to enforce all ordinances of the Town pertaining to:

1. The prevention of fires;
2. The suppression or extinguishment of dangerous or hazardous fires;
3. The storage, use, and handling of hazardous materials;
4. The installation and maintenance of automatic, manual and other private fire alarm systems and fire- extinguishing equipment;

5. The elimination of fire hazards on land and in buildings, structures and other property, including those under construction;

6. The maintenance of means of ingress and egress;

7. The investigation of the cause, origin and circumstances of fires, unauthorized releases of hazardous materials and explosions.

Section 105.3.3; change to read as follows:

105.3.3 Occupancy Prohibited before Approval. The building or structure shall not be occupied prior to the fire code official issuing a permit when required and conducting associated inspections indicating the applicable provisions of this code have been met.

Section 105.7; add Section 105.7.26 to read as follows:

105.7.26 **Electronic access control systems.** Construction permits are required for the installation or modification of an electronic access control system, as specified in Chapter 10. A separate construction permit is required for the installation or modification of a fire alarm system that may be connected to the access control system. Maintenance performed in accordance with this code is not considered a modification and does not require a permit.

Section 106.2.1 is amended to add the following:

Inspection requests. If the inspection fails and a return inspection is necessary, the return inspection shall constitute a re-inspection. An additional fee may be assessed on a second re-inspection and each subsequent re-inspection in accordance with the Master fee Ordinance.

Section 109.4 is amended to read as follows:

109.4 Violation Penalties. Any person who:
1. violates or fails to comply with any of the provisions of this code or the standards adopted hereunder; or
2. fails to comply within the time fixed herein with any order made by the Fire Chief or authorized representative under any of the provisions of this code or the standards adopted hereunder; or
3. builds, installs, alters, repairs or does work in violation of any detailed statement, specifications or plans submitted and approved under the provisions of this code or the standards adopted hereunder; or
4. builds in violation of any certificate or permit issued under the provisions of this code or the standards adopted hereunder; or
5. permits any fire hazard to exist in or upon any occupancy, premises or vehicle under their control, operation, maintenance or possession; or
6. fails to comply with orders, notices, signs and/or tags; or
7. tampers with signs and/or tags;
shall be guilty of a misdemeanor punishable by a fine not to exceed $2,000.00 for each violation and act of noncompliance. The imposition of one (1) penalty for any violation shall not excuse the violation or permit it to continue, and all such persons shall be required to correct or remedy such violations of defects within a reasonable time specified by the Fire Chief or authorized representative. When not otherwise specified, each day that prohibited conditions are maintained shall constitute a separate offense.

Section 202; amend and add definitions to read as follows:

ADDRESSABLE FIRE DETECTION SYSTEM. Any system capable of providing identification of each individual alarm-initiating device. The identification shall be in plain English and as descriptive as possible to specifically identify the location of the device in alarm. The system shall have the capability of alarm verification.

[B] AMBULATORY CARE FACILITY. Buildings or portions thereof used to provide medical, surgical, psychiatric, nursing, or similar care on a less than 24-hour basis to persons who are rendered incapable of self-

preservation by the services provided or staff has accepted responsibility for care recipients already incapable. This group may include but not be limited to the following:

- Dialysis centers

- Procedures involving sedation

- Sedation dentistry

- Surgery centers

- Colonic centers

- Psychiatric centers

[B] ATRIUM. An opening connecting ~~two~~ three or more stories… *{remaining text unchanged}*

[B] DEFEND IN PLACE. A method of emergency response that engages building components and trained staff to provide occupant safety during an emergency. Emergency response involves remaining in place, relocating within the building, or both, without evacuating the building.

FIRE WATCH. A temporary measure intended to ensure continuous and systematic surveillance of a building or portion thereof by one or more qualified individuals or *standby personnel* when required by the *fire code official*, for the purposes of identifying and controlling fire hazards, detecting early signs of unwanted fire, raising an alarm of fire and notifying the fire department.

FIREWORKS. Any composition or device for the purpose of producing a visible or an audible effect for entertainment purposes by combustion, *deflagration*, *detonation*, and/or activated by ignition with a match or other heat producing device that meets the definition of 1.3G fireworks or 1.4G fireworks. …
{Remainder of text unchanged}…

Option B

HIGH-PILED COMBUSTIBLE STORAGE: add a second paragraph to read as follows:

Any building classified as a group S Occupancy or Speculative Building exceeding 6,000 sq. ft. that has a clear height in excess of 14 feet, making it possible to be used for storage in excess of 12 feet, shall be considered to be high-piled storage. When a specific product cannot be identified, a fire protection system and life safety features shall be installed as for Class IV commodities, to the maximum pile height.

****Option B**

HIGH-RISE BUILDING. A building with an occupied floor located more than 55 feet (16 764 mm) above the lowest level of fire department vehicle access.

REPAIR GARAGE. A building, structure or portion thereof used for servicing or repairing motor vehicles. This occupancy shall also include garages involved in minor repair, modification and servicing of motor vehicles for items such as lube changes, inspections, windshield repair or replacement, shocks, minor part replacement, and other such minor repairs.

SELF-SERVICE STORAGE FACILITY. Real property designed and used for the purpose of renting or leasing individual storage spaces to customers for the purpose of storing and removing personal property on a self-service basis.

STANDBY PERSONNEL. Qualified fire service personnel approved by the Fire Chief. When utilized, the number required shall be as directed by the Fire Chief. Charges for utilization shall be as normally calculated by the jurisdiction.

UPGRADED OR REPLACED FIRE ALARM SYSTEM. A fire alarm system that is upgraded or replaced includes, but is not limited to the following:

- Replacing one single board or fire alarm control unit component with a newermodel
- Installing a new fire alarm control unit in addition to or in place of an existingone
- Conversion from a horn system to an emergency voice/alarm communicationsystem
- Conversion from a conventional system to one that utilizes addressable oranalog

devices The following are not considered an upgrade orreplacement:

- Firmware updates
- Software updates
- Replacing boards of the same model with chips utilizing the same or newerfirmware

307.1.1 Prohibited Open Burning. Open burning that is offensive or objectionable because of smoke emissions or when atmospheric conditions or local circumstances make such fires hazardous shall be prohibited.
Exception: {No change.}

Section 307.2; change to read as follows:

307.2 Permit Required. A permit shall be obtained from the *fire code official* in accordance with Section 105.6 prior to kindling a fire for recognized silvicultural or range or wildlife management practices, prevention or control of disease or pests, or open burning. Application for such approval shall only be presented by and permits issued to the owner of the land upon which the fire is to be kindled.

Examples of state or local law, or regulations referenced elsewhere in this section may include but not be limited to the following:

1. Texas Commission on Environmental Quality (TCEQ) guidelines and/or restrictions. 2. State, County, or Local temporary or permanent bans on open burning.

3. Local written policies as established by the *fire code official*.

Section 307.3; change to read as follows:

307.3 Extinguishment Authority The fire code official is authorized to order the extinguishment by the permit holder, another person responsible or the fire department of open burning that creates or adds to a hazardous or objectionable situation.

Section 307.4; change to read as follows:

307.4 Location. The location for open burning shall not be less than 300 feet (91 440 mm) from any structure, and provisions shall be made to prevent the fire from spreading to within 300 feet (91 440 mm) of any structure.
Exceptions: {No change.}

Section 307.4.3, Exceptions; add exception #2 to read as follows:

Exceptions:
2. Where buildings, balconies and decks are protected by an approved automatic sprinkler system.

Section 307.4.4 and 307.4.5; change to read as follows:

307.4.4 **Permanent Outdoor Firepit.** Permanently installed outdoor firepits for recreational fire purposes shall not be installed within 10 feet of a structure or combustiblematerial.
Exception: Permanently installed outdoor fireplaces constructed in accordance with the

International Building Code.

307.4.5 **Trench Burns.** Trench burns shall be conducted in air curtain trenches and in accordance with Section 307.2.

Section 307.5; change to read as follows:

***307.5* Attendance.** *Open burning*, trench burns, bonfires, *recreational fires*, and use of portable outdoor fireplaces shall be constantly attended until the… *{Remainder of section unchanged}*

Add Section 307.6 to read as follows:

Burn Bans. The Town of Shady Shores shall follow the ruling of the Denton County Commissioner's Court regarding burn bans. The ban shall prohibit all outdoor activities and /or processes that may start a fire. These activities or processes shall include but are not limited to: open burning, recreational burning, outdoor welding, use of torches or other cutting devices that emit sparks, and fireworks.

Add section 307.7 to read as follows:

Posting a declaration of a burn ban: The burn ban issued by the Denton County Commissioner's court as specified in section 307.6 may be posted or published in the following locations:

1. Town website
2. Fire Department social media accounts
3. Official Town newspaper

Section 308.1.4; change to read as follows:

308.1.4 Open-flame Cooking Devices. Open-flame cooking devices, charcoal grills and other similar devices used for cooking shall not be located or used on combustible balconies, decks, or within 10 feet (3048 mm) of combustible construction.

Exceptions:

1. One- and two-family dwellings, except that LP-gas containers are limited to a water capacity not greater than 50 pounds (22.68 kg) [nominal 20-pound (9.08 kg) LP-gas capacity with an aggregate LP-gas capacity not to exceed 100 pounds (5 containers).

2. Where buildings, balconies and decks are protected by an approved *automatic sprinkler system*, except that LP-gas containers are limited to a water capacity not greater than 50 pounds (22.68 kg) [nominal 20-pound (9.08 kg) LP-gas capacity, with an aggregate LP-gas capacity not to exceed 40 lbs. (2 containers).

3. {No change.}

Section 308.1.6.2, Exception #3; change to read as follows:

Exceptions:

3. Torches or flame-producing devices in accordance with Section 308.1.3.

Section 308.1.6.3; change to read as follows:

308.1.6.3 *Sky Lanterns*. A person shall not release or cause to be released an unmanned free-floating device containing an open flame or other heat source, such as but not limited to a *sky lantern*.

Section 311.5; change to read as follows:

311.5 Placards. The *fire code official* is authorized to require marking of any vacant or abandoned buildings or structures determined to be unsafe pursuant to Section 110 of this code relating to structural or interior hazards, as required by Section 311.5.1through 311.5.5.

Section 403.5; change Section 403.5 to read as follows:

403.5 Group E Occupancies. An approved fire safety and evacuation plan in accordance with Section 404 shall be prepared and maintained for Group E occupancies and for buildings containing both a Group E occupancy and an atrium. A diagram depicting two evacuation routes shall be posted in a conspicuous location in each classroom. Group E occupancies shall also comply with Sections 403.5.1 through 403.5.3.

Section 404.2.2; add Number 4.10 to read as follows:

4.10 Fire extinguishing system controls.

Section 405.4; change Section 405.4 to read as follows:

405.4 Time. The fire code official may require an evacuation drill at any time. Drills shall be held at unexpected times and under varying conditions to simulate the unusual conditions that occur in case of fire.

Section 501.4; change to read as follows:

501.4 Timing of Installation. When fire apparatus access roads or a water supply for fire protection is required to be installed for any structure or development, they shall be installed, tested, and approved prior to the time of which construction has progressed beyond completion of the foundation of any structure or in a manner that is determined accessible by the Fire Marshal.

Section 503.1.1; add sentence to read as follows:

Except for one- or two-family dwellings, the path of measurement shall be along a minimum of ten feet (10') wide unobstructed pathway around the external walls of the structure.

Section 503.2.1; change to read as follows:

503.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 24 feet (7315 mm), exclusive of shoulders, except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than 14 feet (4267 mm).

Exception: Vertical clearance may be reduced; provided such reduction does not impair access by fire apparatus and *approved* signs are installed and maintained indicating the established vertical clearance when approved.

Section 503.2.2; change to read as follows:

503.2.2 Authority. The *fire code official* shall have the authority to require an increase in the minimum access widths and vertical clearances where they are inadequate for fire or rescue operations.

Section 503.2.3; change Section 503.2.3 to read as follows:

503.2.3 Surface. Fire apparatus access roads shall be designed and maintained to support imposed loads of 80,000 Lbs. for fire apparatus and shall be surfaced so as to provide all-weather driving capabilities.

Section 503.3; change to read as follows:

503.3 Marking. Striping, signs, or other markings, when approved by the *fire code official*, shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. Striping, signs and other markings shall always be maintained in a clean and legible condition and be replaced or repaired when necessary to provide adequate visibility.

(1) **Striping** – Fire apparatus access roads shall be continuously marked by painted lines of red traffic paint six inches (6") in width to show the boundaries of the lane. The words "NO PARKING FIRE LANE" or "FIRE LANE NO PARKING" shall appear in four inch (4") white letters at 25 feet intervals on the red border markings along both sides of the fire lanes. Where a curb is available, the striping shall be on the vertical face of the curb.

(2) **Signs** – Signs shall read "NO PARKING FIRE LANE" or "FIRE LANE NO PARKING" and shall be 12" wide and 18" high. Signs shall be painted on a white background with letters and borders in red, using not less than 2" lettering. Signs shall be permanently affixed to a stationary post and the bottom of the sign shall be six feet, six inches (6'6") above finished grade. Signs shall be spaced not more than fifty feet (50') apart along both sides of the fire lane. Signs may be installed on permanent buildings or walls or as approved by the Fire Chief.

Section 503.4; change to read as follows:

503.4 Obstruction of Fire Apparatus Access Roads. Fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. The minimum widths and clearances established in Section 503.2.1 and any area marked as a fire lane as described in Section 503.3 shall always be maintained.

Section 503.6 is amended to read as follows:

Security gates. Where security fencing is necessary, the owner shall provide gates or openings which may be secured. Gates when provided must open fully in either direction or be of a sliding or raised arm type and be equipped with an approved automated entry system with a Knox lock or equivalent for manual service. The key box shall be of an approved type listed in accordance with UL 1037 and be approved by the Fire Chief.

Section 505.1; change to read as follows:

505.1 Address Identification. New and existing buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than 6 inches (152.4 mm) high with a minimum stroke width of 1/2 inch (12.7 mm). Where required by the fire code official, address numbers shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road, buildings do not immediately front a street, and/or the building cannot be viewed from the public way, a monument, pole or other sign with approved 6 inch (152.4 mm) height building numerals or addresses and 4 inch (101.6 mm) height suite/apartment numerals of a color contrasting with the background of the building or other approved means shall be used to identify the structure. Numerals or addresses shall be posted on a minimum 20-inch (508 mm) by 30-inch (762 mm) background on border. Address identification shall be maintained.

Exception: R-3 Single Family occupancies shall have approved numerals of a minimum 3 ½ inches (88.9 mm) in height and a color contrasting with the background clearly visible and legible from the street fronting the property and rear alleyway where such alleyway exists.

Section 507.4; change to read as follows:

507.4 Water Supply Test Date and Information. The water supply test used for hydraulic calculation of fire protection systems shall be conducted in accordance with NFPA 291 “Recommended Practice for Fire Flow Testing and Marking of Hydrants” and within one year of sprinkler plan submittal. The *fire code official* shall be notified prior to the water supply test. Water supply tests shall be witnessed by the *fire code official*, as required. The exact location of the static/residual hydrant and the flow hydrant shall be indicated on the design drawings. All fire protection plan submittals shall be accompanied by a hard copy of the waterflow test report, or as approved by the *fire code official*. The report must indicate the dominant water tank level at the time of the test and the maximum and minimum operating levels of the tank, as well, or identify applicable water supply fluctuation. The licensed contractor must then design the fire protection system based on this fluctuation information, as per the applicable referenced NFPA standard. Reference Section 903.3.5 for additional design requirements.

Section 507.5.1 is amended to read as follows:

Where required. Where a portion of the facility or building hereafter constructed or moved in or within the jurisdiction is more than 300 feet from a fire hydrant on a fire apparatus access road, as measured in an approved route around the exterior of the facility or building, on-site fire hydrants and mains shall be provided where required by the Fire Marshal. A minimum of one fire hydrant shall be located within 100ft of the fire department connection and on the same side of the roadway as the facility or building. As properties develop, fire hydrants shall be located at all intersecting streets and at the minimum spacing indicated in table 507.5.1. There shall be a minimum of two (2) fire hydrants serving each property within the prescribed distances listed in Table 507.5.1

Maximum Distance Between Hydrants TABLE 507.5.1

OCCUPANCY	SPRINKLERED	NOT SPRINKLERED
Residential (1 & 2 Family)	500 feet	500 feet
Residential (Multi Family)	400 feet	300 feet
All Other	500 feet	300 feet

Table 507.5.1

Section 507.5.4; change to read as follows:

507.5.4 Obstruction. Unobstructed access to fire hydrants shall always be maintained. Posts, fences, vehicles, growth, trash, storage and other materials or objects shall not be placed or kept near fire hydrants, fire department inlet connections or fire protection system control valves in a manner that would prevent such equipment or fire hydrants from being immediately discernible. The fire department shall not be deterred or hindered from gaining immediate access to fire protection equipment or fire hydrants.

Section 509.1.2; add new Section 509.1.2 to read as follows:

509.1.2 Sign Requirements. Unless more stringent requirements apply, lettering for signs required by this section shall have a minimum height of 2 inches (50.8 mm) when located inside a building and 4 inches (101.6 mm) when located outside, or as approved by the *fire code official*. The letters shall be of a color that contrasts with the background.

Section 603.3.2 and 603.3.2.1; change to read as follows:

603.3.1 Fuel oil storage in outside, above-ground tanks. Where connected to a fuel-oil piping system, the maximum amount of fuel oil storage allowed outside above ground without additional protection shall be 660 gallons (2498 L). The storage of fuel oil above ground in quantities exceeding 660 gallons (2498 L) shall comply with NFPA 31 and Chapter 57.

603.3.2 Fuel oil storage inside buildings. Fuel oil storage inside buildings shall comply with Sections 603.3.2.1 through 603.3.2.5 and Chapter 57.

603.3.2.1 Quantity limits. One or more fuel oil storage tanks containing Class II or III *combustible liquid* shall be permitted in a building. The aggregate capaTown of all tanks shall not exceed the following:

1. 660 gallons (2498 L) in buildings not sprinklered, where stored in a tank complying with UL 80, UL 142 or UL 2085 for Class III liquids, and also listed as a double-wall/secondary containment tank for Class II liquids.
2. 1,320 gallons (4996 L) in buildings equipped with an *automatic sprinkler* system in accordance with Section 903.3.1.1, where stored in a tank complying with UL 142 or UL 2085 as a double- wall/secondary containment tank.
3. 3,000 gallons (11 356 L) where stored in protected above-ground tanks complying with UL 2085 and Section 5704.2.9.7 and the room is protected by an *automatic sprinkler system* in accordance with Section 903.3.1.1.

Section 901.5 amended to add the following:

Installation acceptance testing. All required tests shall be conducted by and at the expense of the owner or his representative. The Fire Department shall not be held responsible for any damages incurred in such test. Where it is required that the Fire Department witness any such test, such test shall be scheduled with a minimum of 48-hour notice to the Fire Marshal or his representative.

Section 901.6.1; add Section 901.6.1.1 to read as follows:

901.6.1.1 **Standpipe Testing.** Building owners/managers must maintain and test standpipe systems as per NFPA 25 requirements. The following additional requirements shall be applied to the testing that is required every 5 years:

1. The piping between the Fire Department Connection (FDC) and the standpipe shall be back flushed or inspected by approved camera when foreign material is present or when caps are missing, and also hydrostatically tested for all FDC's on any type of standpipe system. Hydrostatic testing shall also be conducted in accordance with NFPA 25 requirements for the different types of standpipe systems.

2. For any manual (dry or wet) standpipe system not having an automatic water supply capable of flowing water through the standpipe, the tester shall connect hose from a fire hydrant or portable pumping system (as approved by the *fire code official*) to each FDC, and flow water through the standpipe system to the roof outlet to verify that each inlet connection functions properly. Confirm that there are no open hose valves prior to introducing water into a dry standpipe. There is no required pressure criteria at the outlet. Verify that check valves function properly and that there are no closed control valves on the system.

3. Any pressure relief, reducing, or control valves shall be tested in accordance with the requirements of NFPA 25. All hose valves shall be exercised.

4. If the FDC is not already provided with approved caps, the contractor shall install such caps for all FDC's as required by the *fire code official*.

5. Upon successful completion of standpipe test, place a blue tag (as per Texas Administrative Code, Fire Sprinkler Rules for Inspection, Test and Maintenance Service (ITM) Tag) at the bottom of each standpipe riser in the building. The tag shall be check-marked as "Fifth Year" for Type of ITM, and the note on the back of the tag shall read "5 Year Standpipe Test" at a minimum.
6. The procedures required by Texas Administrative Code Fire Sprinkler Rules with regard to Yellow Tags and Red Tags or any deficiencies noted during the testing, including the

required notification of the local Authority Having Jurisdiction (*fire code official*) shall be followed.

7. Additionally, records of the testing shall be maintained bythe owner and contractor, if applicable, as required by the State Rules mentioned above and NFPA25.

8. Standpipe system tests where water will be flowed external to the building shall not be conducted during freezing conditions or during the day prior to expected night time freezing conditions.

9. Contact the *fire code official* for requests to remove existing fire hose from Class II and III standpipe systems where employees are not trained in the utilization of this firefighting equipment. All standpipe hose valves must remain in place and be provided with an approved cap and chain when approval is given to remove hose by the *fire code official*.

Section 901.6.4; add Section 901.6.4 to read as follows:

901.6.4 False Alarms and Nuisance Alarms. False alarms and nuisance alarms shall not be given, signaled or transmitted or caused or permitted to be given, signaled or transmitted in any manner.

Section 901.7; change to read as follows:

901.7 Systems Out of Service. Where a required *fire protection system* is out of service or in the event of an excessive number of activations, the fire department and the *fire code official* shall be notified immediately and, where required by the *fire code official*, the building shall either be evacuated or an *approved fire watch* shall be provided for all occupants left unprotected by the shut down until the *fire protection system* has been returned to service. … *{Remaining text unchanged}*

Section 903.1.1; change to read as follows:

903.1.1 Alternative Protection. Alternative automatic fire-extinguishing systems complying with Section 904 shall be permitted in addition to automatic sprinkler protection where recognized by the applicable standard, or as *approved* by the *fire code official*.

Section 903.2; add paragraph to read as follows and delete the exception:

Automatic Sprinklers shall not be installed in elevator machine rooms, elevator machine spaces, and elevator hoist ways, other than pits where such sprinklers would not necessitate shunt trip requirements under any circumstances. Storage shall not be allowed within the elevator machine room. Signage shall be provided at the entry doors to the elevator machine room indicating “ELEVATOR MACHINERY – NO STORAGE ALLOWED.”

Section 903.2.9; add Section 903.2.9.3 to read as follows:

903.2.9.3 Self-Service Storage Facility. An automatic sprinkler system shall be installed throughout all self-service storage facilities.

Option B

Section 903.2.11; change 903.2.11.3 and add 903.2.11.7, 903.2.11.8, and 903.2.11.9 as follows:

903.2.11.3 Buildings 35 feet or more in height. An automatic sprinkler system shall be installed throughout buildings that have one or more stories, other than penthouses in compliance with Section 1510 of the *International Building Code*, located 35 feet (10 668 mm) or more above the lowest level of fire department vehicle access, measured to the finished floor.

Exceptions:

Open parking structures in compliance with Section 406.5 of the *International Building Code, having no other occupancies above the subject garage*.

903.2.11.7 **High-Piled Combustible Storage.** For any building with a clear height exceeding 12 feet (4572 mm), see Chapter 32 to determine if those provisions apply.

903.2.11.8 **Spray Booths and Rooms.** New and existing spray booths and spraying rooms shall be protected by an approved automatic fire-extinguishing system.

903.2.11.9 **Buildings Over 6,000 sq. ft.** An automatic sprinkler system shall be installed throughout all buildings with a building area 6,000 sq. ft. or greater and in all existing buildings that are enlarged to be 6,000 sq. ft. or greater. For the purpose of this provision, fire walls shall not define separate buildings.

Exception: Open parking garages in compliance with Section 406.5 of the *International Building Code*.

Section 903.3.1.1.1; change to read as follows:

903.3.1.1.1 Exempt Locations. When approved by the *fire code official*, automatic sprinklers shall not be required in the following rooms or areas where such *... {text unchanged}…* because it is damp, of fire-resistance-rated construction or contains electrical equipment.

1. Any room where the application of water, or flame and water, constitutes a serious life or fire hazard.
2. Any room or space where sprinklers are considered undesirable because of the nature of the contents, when approved by the code official.
3. Generator and transformer rooms, under the direct control of a public utility, separated from the remainder of the building by walls and floor/ceiling or roof/ceiling assemblies having a fire- resistance rating of not less than 2 hours.
4. Elevator machine rooms, machinery spaces, and hoist ways, other than pits where such sprinklers would not necessitate shunt trip requirements under any circumstances.

5. {Delete.}

Section 903.3.1.2.3; delete section and replace as follows:

[F] Section 903.3.1.2.3 Attached Garages and Attics. Sprinkler protection is required in attached garages, and in the following attic spaces:

1. Attics that are used or intended for living purposes or storage shall be protected by an automatic sprinkler system.
2. Where fuel-fired equipment is installed in an unsprinklered attic, not fewer than one quick- response intermediate temperature sprinkler shall be installed above the equipment.
3. Attic spaces of buildings that are two or more stories in height above grade plane or above the lowest level of fire department vehicle access.
4. Group R-4, Condition 2 occupancy attics not required by Item 1 or 3 to have sprinklers shall comply with one of the following:
    4.1. Provide automatic sprinkler system protection.
    4.2. Provide a heat detection system throughout the attic that is arranged to activate the building fire alarm system.
    4.3. Construct the attic using noncombustible materials.
    4.4. Construct the attic using fire-retardant-treated wood complying with Section 2303.2 of the International Building Code.
    4.5. Fill the attic with noncombustible insulation.

Section 903.3.1.3; change to read as follows:

903.3.1.3 NFPA 13D Sprinkler Systems. *Automatic sprinkler systems* installed in one- and two-family *dwellings*; Group R-3; Group R-4, Condition 1; and *townhouses* shall be permitted to be installed throughout in accordance with NFPA 13D or in accordance with state law.

Section 903.3.1.4; add to read as follows:

[F] 903.3.1.4 Freeze protection. Freeze protection systems for automatic fire sprinkler systems shall be in accordance with the requirements of the applicable referenced NFPA standard and this section.

903.3.1.4.1 **Attics.** Only dry-pipe, pre action, or listed antifreeze automatic fire sprinkler systems shall be allowed to protect attic spaces.

Exception: Wet-pipe fire sprinkler systems shall be allowed to protect non-ventilated attic spaces where:

1. The attic sprinklers are supplied by a separate floor control valve assembly to allow ease of draining the attic system without impairing sprinklers throughout the rest of the building, and
2. Adequate heat shall be provided for freeze protection as per the applicable referenced NFPA standard, and
3. The attic space is a part of the building's thermal, or heat, envelope, such that insulation is provided at the roof deck, rather than at the ceiling level.

903.3.1.4.2 **Heat trace/insulation.** Heat trace/insulation shall only be allowed where approved by the fire code official for small sections of large diameter water-filled pipe.

Section 903.3.5; add a second paragraph to read as follows:

Water supply as required for such systems shall be provided in conformance with the supply requirements of the respective standards; however, every water-based fire protection system shall be designed with a 10 psi safety factor. Reference Section 507.4 for additional design requirements.

Section 903.4; add a second paragraph after the exceptions to read as follows:

Sprinkler and standpipe system water-flow detectors shall be provided for each floor tap to the sprinkler system and shall cause an alarm upon detection of water flow for more than 45 seconds. All control valves in the sprinkler and standpipe systems except for fire department hose connection valves shall be electrically supervised to initiate a supervisory signal at the central station upon tampering.

Section 903.4.2; add second paragraph to read as follows:

The alarm device required on the exterior of the building shall be a weatherproof horn/strobe notification appliance with a minimum 75 candela strobe rating, installed as close as practicable to the fire department connection.

Section 905.2; change to read as follows:

905.2 Installation Standard. Standpipe systems shall be installed in accordance with this section and NFPA 14. Manual dry standpipe systems shall be supervised with a minimum of 10 psig and a maximum of 40 psig air pressure with a high/low alarm.

Section 905.3; add Section 905.3.9 and exception to read as follows:

905.3.9 **Buildings Exceeding 10,000 sq. ft.** In buildings exceeding 10,000 square feet in area per story and where any portion of the building's interior area is more than 200 feet (60960 mm) of travel, vertically and horizontally, from the nearest point of fire department vehicle access, Class I automatic wet or

manual wet standpipes shall be provided.

Exceptions:

1. Automatic dry, semi-automatic dry, and manual dry standpipes are allowed as provided for in NFPA 14 where approved by the fire code official.
2. R-2 occupancies of four stories or less in height having no interior corridors.

Section 905.4, change Item 1, 3, and 5, and add Item 7 to read as follows:

1. In every required exit stairway, a hose connection shall be provided for each story above and below grade plane. Hose connections shall be located at an intermediate landing between stories, unless otherwise approved by the fire code official.
2. {No change.}
3. In every exit passageway, at the entrance from the exit passageway to other areas of a building.

Exception: Where floor areas adjacent to an exit passageway are reachable from an exit stairway hose connection by a {remainder of text unchanged}

4. {No change.}
5. Where the roof has a slope less than four units vertical in 12 units horizontal (33.3-percent slope), each standpipe shall be provided with a two-way hose connection located to serve the roof or at the highest landing of an exit stairway with stair access to the roof provided in accordance with Section 1011.12.
6. {No change.}

7. When required by this Chapter, standpipe connections shall be placed adjacent to all required exits to the structure and at two hundred feet (200') intervals along major corridors thereafter, or as otherwise approved by the fire code official.

Section 905.9; add a second paragraph after the exceptions to read as follows:

Sprinkler and standpipe system water-flow detectors shall be provided for each floor tap to the sprinkler system and shall cause an alarm upon detection of water flow for more than 45 seconds. All control valves in the sprinkler and standpipe systems except for fire department hose connection valves shall be electrically supervised to initiate a supervisory signal at the central station upon tampering.

Section 907.1; add Section 907.1.4 and 907.1.4.1 to read as follows:

907.1.4 Design Standards. Where a new fire alarm system is installed, the devices shall be addressable. Fire alarm systems utilizing more than 20 smoke detectors shall have analog initiating devices.

Section 907.1.5; add to read as follows:

907.1.5 ***Required Installations***. Any commercial building over 5,999 sq. ft. shall be installed with a fire alarm notification system (In Compliance with 907.5.2.3.1) to compliment the sprinkler system. The system shall be monitored by an approved supervising station. Approved systems shall include full audio/visual notification services.

Buildings 5,999 sq. ft. and lower shall be installed with an approved manual and automatic fire alarm system (In Compliance with 907.5.2.3.1) if the building has multiple tenant spaces or suites. The system shall be monitored by an approved supervising station. Approved systems shall include full audio/visual notification services and manual pull stations at rear emergency exits.

Section 907.2.1; change to read as follows:

907.2.1 Group A. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies having an occupant load of 300 or more persons, or where the occupant load is more than 100 persons above or below the *lowest level of exit discharge*. Group A occupancies not separated from one another in accordance

with Section 707.3. 10 of the *International Building Code* shall be considered as a single occupancy for the purposes of applying this section. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for the Group E occupancy.

Exception: {No change.}

Activation of fire alarm notification appliances shall:

1. Cause illumination of the *means of egress* with light of not less than 1 foot-candle (11 lux) at the walking surface level, and
2. Stop any conflicting or confusing sounds and visual distractions.

Section 907.2.3; change to read as follows:

907.2.3 Group E. A manual fire alarm system that initiates the occupant notification signal utilizing an emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall be installed in Group E educational occupancies. When *automatic sprinkler systems* or smoke detectors are installed, such systems or detectors shall be connected to the building fire alarm system. An approved smoke detection system shall be installed in Group E day care occupancies. Unless separated by a minimum of 100' open space, all buildings, whether portable buildings or the main building, will be considered one building for alarm occupant load consideration and interconnection of alarm systems.

Exceptions:

1. {No change.}
   1.1. Residential In-Home day care with not more than 12 children may use interconnected single station detectors in all habitable rooms. (For care of more than five children 2 1/2 or less years of age, see Section 907.2.6.) {No change to remainder of exceptions.}

Section 907.2.12, Exception 3; change to read as follows:

3. Open air portions of buildings with an occupancy in Group A-5 in accordance with Section 303.1 of the *International Building Code*; however, this exception does not apply to accessory uses including but not limited to sky boxes, restaurants, and similarly enclosed areas.

Section 907.4.2; add Section 907.4.2.7 to read as follows:

907.4.2.7 Type. Manual alarm initiating devices shall be an approved double action type.

Section 907.6.1; add Section 907.6.1.1 to read as follows:

- **907.6.1.1 Wiring Installation.** All fire alarm systems shall be installed in such a manner that a failure of any single initiating device or single open in an initiating circuit conductor will not interfere with the normal operation of other such devices. All signaling line circuits (SLC) shall be installed in such a way that a single open will not interfere with the operation of any addressable devices (Class A). Outgoing and return SLC conductors shall be installed in accordance with NFPA 72 requirements for Class A circuits and shall have a minimum of four feet separation horizontal and one foot vertical between supply and return circuit conductors. The initiating device circuit (IDC) from a signaling line circuit interface device may be wired Class B, provided the distance from the interface device to the initiating device is ten feet or less.

Section 907.6.3; delete all four Exceptions.

Section 907.6.6; – add sentence at end of paragraph to read as follows:

See 907.6.3 for the required information transmitted to the supervising station.

Section 909.22; add to read as follows:

909.22 Stairway or Ramp Pressurization Alternative. Where the building is equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 and the stair pressurization alternative is chosen for compliance with Building Code requirements for a smokeproof enclosure, interior exit stairways or ramps shall be pressurized to a minimum of 0.10 inches of water (25 Pa) and a maximum of 0.35 inches of water (87 Pa) in the shaft relative to the building measured with all interior exit stairway and ramp doors closed under maximum anticipated conditions of stack effect and wind effect.

Such systems shall comply with Section 909, including the installation of a separate fire-fighter's smoke control panel as per Section 909.16, and a Smoke Control Permit shall be required from the fire department as per Section 105.7.

909.22.1 Ventilating equipment. The activation of ventilating equipment for the stair or ramp pressurization system shall be by smoke detectors installed at each floor level at an approved location at the entrance to the smokeproof enclosure. When the closing device for the stairway or ramp shaft and vestibule doors is activated by smoke detection or power failure, the mechanical equipment shall activate and operate at the required performance levels. Smoke detectors shall be installed in accordance with Section 907.3.

909.22.1.1 Ventilation Systems. Smokeproof enclosure ventilation systems shall be independent of other building ventilation systems. The equipment, control wiring, power wiring and ductwork shall comply with one of the following:

1. Equipment, control wiring, power wiring and ductwork shall be located exterior to the building and directly connected to the smokeproof enclosure or connected to the smokeproof enclosure by ductwork enclosed by not less than 2-hour fire barriers constructed in accordance with Section 707 of the Building Code or horizontal assemblies constructed in accordance with Section 711 of the Building Code, or both.
2. Equipment, control wiring, power wiring and ductwork shall be located within the smokeproof enclosure with intake or exhaust directly from and to the outside or through ductwork enclosed by not less than 2-hour barriers constructed in accordance with Section 707 of the Building Code or horizontal assemblies constructed in accordance with Section 711 of the Building Code, or both.
3. Equipment, control wiring, power wiring and ductwork shall be located within the building if separated from the remainder of the building, including other mechanical equipment, by not less than 2-hour fire barriers constructed in accordance with Section 707 of the Building Code or horizontal assemblies constructed in accordance with Section 711 of the Building Code, or both.

Exceptions:

1. Control wiring and power wiring utilizing a 2-hour rated cable or cable system.
2. Where encased with not less than 2 inches (51 mm) of concrete.
3. Control wiring and power wiring protected by a listed electrical circuit protective system with a fire-resistance rating of not less than 2 hours.

909.22.1.2 Standby Power. Mechanical vestibule and stairway and ramp shaft ventilation systems and automatic fire detection systems shall be provided with standby power in accordance with Section 2702 of the Building Code.

909.22.1.3 Acceptance and Testing. Before the mechanical equipment is approved, the system shall be tested in the presence of the fire code official to confirm that the system is operating in compliance with these requirements.

Section 910.2; change Exception 2. and 3.to read as follows:

1. Only manual smoke and heat removal shall ~~not~~ be required in areas of buildings equipped with early suppression fast-response (ESFR) sprinklers. Automatic smoke and heatremoval is prohibited.
2. Only manual smoke and heat removal shall ~~not~~ be required in areas of buildings equipped with control mode special application sprinklers with a response time index of 50$(m*S)^{1/2}$ or less that are listed to control a fire in stored commodities with 12 or fewer sprinklers. Automatic smoke and heat removal is prohibited.

Section 910.2; add subsections 910.2.3 with exceptions to read as follows:

910.2.3 Group H. Buildings and portions thereof used as a Group H occupancy as follows:

1. In occupancies classified as Group H-2 or H-3, any of which are more than 15,000 square feet (1394 m^2) in single floor area.

Exception: Buildings of noncombustible construction containing only noncombustible materials.

2. In areas of buildings in Group H used for storing Class 2, 3, and 4 liquid and solid oxidizers, Class 1 and unclassified detonable organic peroxides, Class 3 and 4 unstable (reactive) materials, or Class 2 or 3 water-reactive materials as required for a high-hazard commodity classification.

Exception: Buildings of noncombustible construction containing only noncombustible materials.

Section 910.3; add section 910.3.4 to read as follows:

910.3.4 Vent Operation. Smoke and heat vents shall be capable of being operated by approved automatic and manual means. Automatic operation of smoke and heat vents shall conform to the provisions of Sections 910.3.2.1 through 910.3.2.3.

910.3.4.1 Sprinklered buildings. Where installed in buildings equipped with an approved automatic sprinkler system, smoke and heat vents shall be designed to operate automatically.
The automatic operating mechanism of the smoke and heat vents shall operate at a temperature rating at least 100 degrees F (approximately 38 degrees Celsius) greater than the temperature rating of the sprinklers installed.

Exception: Manual only systems per Section 910.2.

910.3.4.2 Nonsprinklered Buildings. Where installed in buildings not equipped with an approved automatic sprinkler system, smoke and heat vents shall operate automatically by actuation of a heat-responsive device rated at between 100°F (56°C) and 220°F (122°C) above ambient.
Exception: Listed gravity-operated drop out vents.

Section 910.4.3.1; change to read as follows:

910.4.3.1 Makeup Air. Makeup air openings shall be provided within 6 feet (1829 mm) of the floor level. Operation of makeup air openings shall be automatic. The minimum gross area of makeup air inlets shall be 8 square feet per 1,000 cubic feet per minute (0.74 m2 per 0.4719 m3/s) of smoke exhaust.

Section 912.2; add Section 912.2.3 to read as follows:

912.2.3 Hydrant Distance. An approved fire hydrant shall be located within 100 feet of the fire department connection as the fire hose lays along an unobstructed path.

Section 913.2.1; add second paragraph and exception to read as follows:

When located on the ground level at an exterior wall, the fire pump room shall be provided with an exterior fire department access door that is not less than 3 ft. in width and 6 ft. – 8 in. in height, regardless of any interior doors that are provided. A key box shall be provided at this door, as required by Section 506.1.

Exception: When it is necessary to locate the fire pump room on other levels or not at an exterior wall, the corridor leading to the fire pump room access from the exterior of the building shall be provided with equivalent fire resistance as that required for the pump room, or as approved by the *fire code official*. Access keys shall be provided in the key box as required by Section 506.1.

Section 914.3.1.2; change to read as follows:

914.3.1.2 Water Supply to required Fire Pumps. In buildings that are more than 120 feet (37 m) in *building height*, required fire pumps shall be supplied by connections to no fewer than two water mains located in different streets. Separate supply piping shall be provided between each connection to the water main and the pumps. Each connection and the supply piping between the connection and the pumps shall be sized to supply the flow and pressure required for the pumps to operate.
Exception: {No change to exception.}

Section 1006.2.2.7; Add Section 1006.2.2.7 as follows:

1006.2.2.7 Electrical Rooms. For electrical rooms, special exiting requirements may apply. Reference the electrical code as adopted.

Section 1009.8; add the following Exception 7:

Exceptions:
7. Buildings regulated under State Law and built in accordance with State registered plans, including variances or waivers granted by the State, shall be deemed to be in compliance with the requirements of Section 1009 and chapter 11.

Section 1010.1.9.5 Bolt Locks; amend exceptions 3 and 4 as follows:

Exceptions:
3. Where a pair of doors serves an occupant load of less than 50 persons in a Group B, F, M or S occupancy. (Remainder unchanged)
4. Where a pair of doors serves a Group A, B, F, M or S occupancy (remainder unchanged)

Section 1020.1 Construction; add exception 6 to read as follows:

6. In group B occupancies, corridor walls and ceilings need not be of fire-resistive construction within a single tenant space when the space is equipped with approved automatic smoke-detection within the corridor. The actuation of any detector must activate self-annunciating alarms audible in all areas within the corridor. Smoke detectors must be connected to an approved automatic fire alarm system where such system is provided.

Section 1029.1.1.1 Spaces under grandstands and bleachers; delete this section.

Section 1031.2; change to read as follows:

1031.2 Reliability. Required *exit accesses, exits* and *exit discharges* shall be continuously maintained free from obstructions or impediments to full instant use in the case of fire or other emergency. An *exit* or *exit passageway* shall not be used for any purpose that interferes with a means of egress.

Section 1103.3; add sentence to end of paragraph as follows:

Provide emergency signage as required by Section 606.3.

Section 1103.5.1: add sentence to read as follows:

Fire sprinkler system installation shall be completed within 24 months from date of notification by the fire code official.

Section 1103.5; add Section 1103.5.5 to read as follows:

1103.5.5 Spray Booths and Rooms. Existing spray booths and spray rooms shall be protected by an approved automatic fire-extinguishing system in accordance with Section 2404.

Section 1103.7; add Section 1103.7.7 and 1103.7.7.1 to read as follows:

1103.7.7 Fire Alarm System Design Standards. Where an existing fire alarm system is upgraded or replaced, the devices shall be addressable. Fire alarm systems utilizing more than 20 smoke and/or heat detectors shall have analog initiating devices.

Exception: Existing systems need not comply unless the total building, or fire alarm system, remodel or expansion exceeds 30% of the building. When cumulative building, or fire alarm system, remodel or expansion initiated after the date of original fire alarm panel installation exceeds 50% of the building, or fire alarm system, the fire alarm system must comply within 18 months of permit application.

1103.7.7.1 Communication requirements. Refer to Section 907.6.6 for applicable requirements.

Section 1203; change and add to read as follows:

1203.1.1 No Change
1203.1.2 No Change

1203.1.3 Emergency power systems and standby power systems shall be installed in accordance with the *International Building Code*, NFPA 70, NFPA 110 and NFPA 111. Existing installations shall be maintained in accordance with the original approval, except as specified in Chapter 11.

1203.1.4 through 1203.1.9 {No changes to these sections.}

1203.1.10 Critical Operations Power Systems (COPS). For Critical Operations Power Systems necessary to maintain continuous power supply to facilities or parts of facilities that require continuous operation for the reasons of public safety, emergency management, national security, or business continuity, see NFPA 70.

1203.2 Where Required. Emergency and standby power systems shall be provided where required by Sections 1203.2.1 through 1203.2.~~1~~826 or elsewhere identified in this code or any other referenced code.

1203.2.1 through 1203.2.3 {No change.}

1203.2.4 Emergency Voice/alarm Communications Systems. Emergency power shall be provided for emergency voice/alarm communications systems in the following occupancies, or as specified elsewhere in this code, as required in Section 907.5.2.2.5. The system shall be capable of powering the required load for a duration of not less than 24 hours, as required in NFPA 72.
Covered and Open Malls, Section 907.2.19 and 914.2.3 Group A
Occupancies, Sections 907.2.1 and 907.5.2.2.4. Special Amusement
Buildings, Section 907.2.11
High-rise Buildings, Section 907.2.12
Atriums, Section 907.2.13
Deep Underground Buildings, Section 907.2.18

1203.2.5 through 1203.2.13 {No change.}

1203.2.14 Means of Egress Illumination. Emergency power shall be provided for *means of egress* illumination in accordance with Sections 1008.3 and 1104.5.1. (90 minutes)

1203.2.15 Membrane Structures. Emergency power shall be provided for *exit* signs in temporary tents and membrane structures in accordance with Section 3103.12.6. (90 minutes) Standby power shall be provided for auxiliary inflation systems in permanent membrane structures in accordance with Section 2702 of the *International Building Code*. (4 hours) Auxiliary inflation systems shall be provided in temporary air-supported and air-inflated membrane structures in accordance with section 3103.10.4.

1203.2.16 {No change.}

1203.2.17 Smoke Control Systems. Standby power shall be provided for smoke control systems in the following occupancies, or as specified elsewhere in this code, as required in Section 909.11:
Covered Mall Building, *International Building Code*, Section 402.7 Atriums,
International Building Code, Section 404.7
Underground Buildings, *International Building Code*, Section 405.8 Group I-3,
International Building Code, Section 408.4.2
Stages, *International Building Code*, Section 410.2.5
Special Amusement Buildings (as applicable to Group A's), *International Building Code*, Section 411.1
Smoke Protected Seating, Section 1029.6.2.

1203.2.18 {No change.}

1203.2.19 Covered and Open Mall Buildings. Emergency power shall be provided in accordance with Section 907.2.19 and 914.2.3.

1203.2.20 Airport Traffic Control Towers. A standby power system shall be provided in airport traffic control towers more than 65 ft. in height. Power shall be provided to the following equipment:

1. Pressurization equipment, mechanical equipment and Lighting.
2. Elevator operating equipment.
3. Fire alarm and smoke detection systems.

1203.2.21 Smokeproof Enclosures and Stair Pressurization Alternative. Standby power shall be provided for smokeproof enclosures, stair pressurization alternative and associated automatic fire detection systems as required by the *International Building Code*, Section 909.20.6.2.

1203.2.22 Elevator Pressurization. Standby power shall be provided for elevator pressurization system as required by the *International Building Code*, Section 909.21.5.

1203.2.23 Elimination of Smoke Dampers in Shaft Penetrations. Standby power shall be provided when eliminating the smoke dampers in ducts penetrating shafts in accordance with the *International Building Code*, Section 717.5.3, exception 2.3.

1203.2.24 Common Exhaust Systems for Clothes Dryers. Standby power shall be provided for common exhaust systems for clothes dryers located in multistory structures in accordance with the *International Mechanical Code,* Section 504.10, Item 7.

1203.2.25 Hydrogen Cutoff Rooms. Standby power shall be provided for mechanical ventilation and gas detection systems of Hydrogen Cutoff Rooms in accordance with the *International Building Code*, Section 421.

1203.2.26 Means of Egress Illumination in Existing Buildings. Emergency power shall be provided for *means of egress* illumination in accordance with Section 1104.5 when required by the fire code official. (90 minutes in I-2, 60 minutes elsewhere.)

1203.3 1203.3 through 1203.6 {No change.}

1203.7 Energy Time Duration. Unless a time limit is specified by the fire code official, in this chapter or elsewhere in this code, or in any other referenced code or standard, the emergency and standby power system shall be supplied with enough fuel or energy storage capaTown for not less than 2-hour full-demand operation of the system.

Exception: Where the system is supplied with natural gas from a utility provider and is approved.

Section 2304.1; change to read as follows:

Supervision of Dispensing. The dispensing of fuel at motor fuel-dispensing facilities shall in accordance with the following:

1. Conducted by a qualified attendant; and/or,
2. Shall be under the supervision of a qualified attendant; and/or
3. Shall be an unattended self-service facility in accordance with Section 2304.3.

At any time, the qualified attendant of item Number 1 or 2 above is not present, such operations shall be considered as an unattended self-service facility and shall also comply with Section 2304.3.

Section 2401.2; delete this section.

Section 3103.3.1; delete this section.

Table 3206.2, footnote h; change text to read as follows:

h. Where storage areas are protected by either early suppression fast response (ESFR) sprinkler systems or control mode special application sprinklers with a response time index of 50 (m • s) 1/2 or less that are listed to control a fire in the stored commodities with 12 or fewer sprinklers, installed in accordance with NFPA 13, manual smoke and heat vents or manually activated engineered mechanical smoke exhaust systems shall be required within these areas.

Table 3206.2, footnote j; add footnote j to row titled 'High Hazard' and 'Greater than 300,000' to read as follows:

j. High hazard high-piled storage areas shall not exceed 500,000 square feet. A 2-hour fire wall constructed in accordance with Section 706 of the *International Building Code* shall be used to divide high-piled storage exceeding 500,000 square feet in area.

Section 3310.1; add sentence to end of paragraph to read as follows:

When fire apparatus access roads are required to be installed for any structure or development, they shall be approved prior to the time at which construction has progressed beyond completion of the foundation of any structure.

Section 5601.1.3; change to read as follows:

1. **Fireworks.** The possession, manufacture, storage, sale, handling, and use of fireworks are prohibited.

Exceptions:

2. Only when approved for fireworks displays, storage, and handling of fireworks as allowed in Section 5604 and 5608.

3. The use of fireworks for approved fireworks displays as allowed in Section 5608.

Section 5703.6; add a sentence to read as follows:

5703.6 Piping Systems. Piping systems, and their component parts, for flammable and combustible liquids shall be in accordance with Sections 5703.6.1 through 5703.6.11. An *approved* method of secondary containment shall be provided for underground tank and piping systems.

Section 5704.2.11.4; add a sentence to read as follows:

Leak Prevention. Leak prevention for underground tanks shall comply with Sections 5704.2.11.4.1 through 5704.2.11.4.3. An *approved* method of secondary containment shall be provided for underground tank and piping systems.

Section 5704.2.11.4.2; change to read as follows:

Leak Detection. Underground storage tank systems shall be provided with an *approved* method of leak detection from any component of the system that is designed and installed in accordance with NFPA 30 and as specified in Section 5704.2.11.4.3.

Section 5704.2.11.4.3; add Section 5704.2.11.4.3 to read as follows:

Observation Wells. Approved sampling tubes of a minimum 4 inches in diameter shall be installed in the backfill material of each underground flammable or combustible liquid storage tank. The tubes shall extend from a point 12 inches below the average grade of the excavation to ground level and shall be provided with suitable surface access caps. Each tank site shall provide a sampling tube at the corners of the excavation with a minimum of 4 tubes. Sampling tubes shall be placed in the product line excavation within 10 feet of the tank excavation and one every 50 feet routed along product lines towards the dispensers, a minimum of two are required.

Section 5707.4; add paragraph to read as follows:

Mobile fueling sites shall be restricted to commercial, industrial, governmental, or manufacturing, where the parking area having such operations is primarily intended for employee vehicles. Mobile fueling shall be conducted for fleet fueling or employee vehicles only, not the general public. Commercial sites shall be restricted to office-type or similar occupancies that are not primarily intended for use by the public.

Section 6103.2.1; add Section 6103.2.1.8 to read as follows:

6103.2.1.8 Jewelry Repair, Dental Labs and Similar Occupancies. Where natural gas service is not available, portable LP-Gas containers are allowed to be used to supply approved torch assemblies or similar appliances. Such containers shall not exceed 20-pound (9.0 kg) water capaTown. Aggregate capaTown shall not exceed 60-pound (27.2 kg) water capaTown. Each device shall be separated from other containers by a distance of not less than 20 feet.

Section 6104.2, Exception; add an exception 2 to read as follows:

Exceptions:

1. *{existing text unchanged}*

2. Except as permitted in Sections 308 and 6104.3.2, LP-gas containers are not permitted in residential areas.

Section 6104.3; add Section 6104.3.3 to read as follows:

6104.3.3 Spas, Pool Heaters, and Other Listed Devices. Where natural gas service is not available, an LP-gas container is allowed to be used to supply spa and pool heaters or other listed devices. Such container shall not exceed 250-gallon water capaTown per lot. See Table 6104.3 for location of containers.

Exception: Lots where LP-gas can be off-loaded wholly on the property where the tank is located may install up to 500 gallon above ground or 1,000 gallon underground approved containers.

Section 6107.4 and 6109.13; change to read as follows:

6107.4 Protecting Containers from Vehicles. Where exposed to vehicular damage due to proximity to alleys, driveways or parking areas, LP-gas containers, regulators and piping shall be protected in accordance with Section 312.

6109.13 Protection of Containers. LP-gas containers shall be stored within a suitable enclosure or otherwise protected against tampering. Vehicle impact protection shall be provided as required by Section 6107.4.

{Applicable to those jurisdictions adopting Appendix B}
Table B105.2; change footnote a. to read as follows:

a. The reduced fire-flow shall be not less than 1,500 gallons perminute.

END

EXHIBIT "B"
Town of Shady Shores
Amendments to the 2018
International Building Code

The following sections, paragraphs, and sentences of the *2018 International Building Code* are hereby amended as follows:

Section 101.1 & 101.1.1; amend to read as follows:

101.1 Title. These Regulations shall be known as the Building Code of the Town of Shady Shores, hereinafter referred to as "this code".

Section 101.4; change to read as follows:

101.4 Referenced codes. The other codes listed in Sections 101.4.1 through 101.4.8 and referenced elsewhere in this code, when specifically adopted, shall be considered part of the requirements of this code to the prescribed extent of each such reference. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the amendments as well. Any reference to NFPA 70 or the Electrical Code shall mean the Electrical Code as adopted.

Section 101.4.8; add the following:

101.4.8 Electrical. The provisions of the Electrical Code shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto.

Section 103; amend title to read as follows:
SECTION 103 Office of the Director of Planning and Development

Section 103.1; amend to read as follows:
103.1 Creation of enforcement agency. The Office of the Director of Planning and Development is hereby created and the official in charge thereof shall be known as the building official.
Section 105.2 Work exempt from permit; under sub-title entitled "Building" delete items 1, 2, 10 and 11 and re-number as follows:

Building:

~~1. One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed 120 square feet (11 m_2).~~

~~2. Fences not over 7 feet (1829 mm) high.~~

~~3.~~ 1. (Remainder Unchanged)

~~4.~~ 2. (Remainder Unchanged)

~~5.~~ 3. (Remainder Unchanged)

~~6.~~ 4. (Remainder Unchanged)

~~7.~~ 5. (Remainder Unchanged)

~~8.~~ 6. (Remainder Unchanged)

~~9.~~ 7. (Remainder Unchanged)

~~10. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.~~

~~11.~~ 8. (Remainder Unchanged)

~~12.~~ 9. (Remainder Unchanged)
~~13.~~ 10. (Remainder Unchanged)

Section 109; add Section 109.7 to read as follows:

109.7 Re-inspection Fee. A fee as established by Town council resolution may be charged when:

1. The inspection called for is not ready when the inspector arrives;
2. No building address or permit card is clearly posted;
3. Town approved plans are not on the job site available to the inspector;
4. The building is locked or work otherwise not available for inspection when called;
5. The job site is red-tagged twice for the same item;
6. The original red tag has been removed from the job site.
7. Failure to maintain erosion control, trash control or tree protection.

Any re-inspection fees assessed shall be paid before any more inspections are made on that job site.

Section 109; add Section 109.8, 109.8.1, 109.8.2 and 109.9 to read as follows:

109.8 Work without a permit.

109.8.1 Investigation. Whenever work for which a permit is required by this code has been commenced without first obtaining a permit, a special investigation shall be made before a permit may be issued for such work.

109.8.2 Fee. An investigation fee, in addition to the permit fee, shall be collected whether or not a permit is subsequently issued. The investigation fee shall be equal to the amount of the permit fee required by this code or the Town fee schedule as applicable. The payment of such investigation fee shall not exempt the applicant from compliance with all other provisions of either this code or the technical codes nor from penalty prescribed by law.

109.9 Unauthorized cover up fee. Any work concealed without first obtaining the required inspection in violation of Section 110 shall be assessed a fee as established by the Town fee schedule.

Section 202; amend definition of Ambulatory Care Facility as follows:

AMBULATORY CARE FACILITY. Buildings or portions thereof used to provide medical, surgical, psychiatric, nursing or similar care on a less than 24-hour basis to individuals who are rendered incapable of self-preservation by the services provided. This group may include but not be limited to the following:

- Dialysis centers
- Sedation dentistry
- Surgery centers
- Colonic centers
- Psychiatric centers

Section 202; add definition of Assisting Living Facilities to read as follows.

ASSISTED LIVING FACILITIES. *A building or part thereof housing persons, on a 24-hour basis, who because of age, mental disability or other reasons, live in a supervised residential environment which provides personal care services. The occupants are capable of responding to an emergency situation without physical assistance from staff.*

Section 202; change definition of "Atrium" as follows:

ATRIUM. An opening connecting ~~two~~ three or more stories… *{Balance remains unchanged}*

Section 202; ~~add~~ amend definition of "Repair Garage" as follows:

REPAIR GARAGE. A building, structure or portion thereof used for servicing or repairing motor vehicles. This occupancy shall also include garages involved in minor repair, modification and servicing of motor vehicles for items such as lube changes, inspections, windshield repair or replacement, shocks, minor part replacement and other such minor repairs.

Section 202; amend definition of SPECIAL INSPECTOR to read as follows:

SPECIAL INSPECTOR. A qualified person employed or retained by an approved agency who shall prove to the satisfaction of the registered design professional in responsible charge and the Building Official as having the competence necessary to inspect a particular type of construction requiring special inspection.

Option B
Section 202; amend definition to read as follows:

HIGH-RISE BUILDING. A building with an occupied floor located more than 55 feet (16 764 mm) above the lowest level of fire department vehicle access.

Section 303.1.3; add a sentence to read as follows:

303.1.3 Associated with Group E occupancies. A room or space used for assembly purposes that is associated with a Group E occupancy is not considered a separate occupancy. Except when applying the assembly requirements of Chapters 10 and 11.

Section 304.1; add the following to the list of occupancies:

Fire stations
Police stations with detention facilities for 5 or less

Section 307.1.1; add the following sentence to Exception 4:

4. Cleaning establishments… *{Text unchanged}* …with Section 707 or 1-hour horizontal assemblies constructed in accordance with Section 711 or both. See also IFC Chapter 21, Dry Cleaning Plant provisions.

Section 403.1, Exception 3; change to read as follows:

3. The open-air portion of a building *[remainder unchanged]*

Section 403.3, Exception; delete item 2.

Section 403.3.2; change to read as follows:

403.3.2 Water supply to required fire pumps. In buildings that are more than 120 feet (36.5 m) in building height, required fire pumps shall be supplied by connections to no fewer than two water mains located in different streets. Separate supply piping shall be provided between each connection to the water main and the pumps. Each connection and the supply piping between the connection and the pumps shall be sized to supply the flow and pressure required for the pumps to operate.

Exception: {No change to exception.}

Section 404.5; delete Exception.

Section 406.3.3.1 Carport separation; add sentence to read as follows:

A fire separation is not required between a Group R-2 and U carport provided that the carport is entirely open on all sides and that the distance between the two is at least 10 feet (3048 mm).

Table 506.2; delete following sentence from table: The maximum allowable area for a single-story non sprinklered Group U greenhouse is permitted to be 9000 square feet or the allowable area shall be permitted to comply with Table C102.1 of Appendix C.
Section 506.3.1; add sentence to read as follows:

506.3.1 Minimum percentage of perimeter. [Existing Text remains]

In order to be considered as accessible, if not in direct contact with a street or fire lane, a minimum 10-foot wide pathway meeting fire department access from the street or approved fire lane shall be provided.

Section 602.1.1; add sentence to read as follows:

602.1.1 Minimum Requirements. [Existing Text to remain]

Where a building contains more than one distinct type of construction, the building shall comply with the most restrictive area, height, and stories, for the lesser type of construction or be separated by fire walls.

Section 708.4.2; change sentence to read as follows:

708.4.2 Fireblocks and draftstops in combustible construction. *[Body of text unchanged]*

Exceptions:
1. Buildings equipped with an automatic sprinkler system installed throughout in accordance with Section 903.3.1.1, or in accordance with Section 903.3.1.2 provided that sprinkler protection is provided in the space between the top of the fire partition and the underside of the floor or roof sheathing, deck or slab above as required for systems complying with Section 903.3.1.1. Portions of buildings containing concealed spaces filled with noncombustible insulation as permitted for sprinkler omission shall not apply to this exception for draft stopping. *[Remainder unchanged]*

Section 718.3; change sentence to read as follows:

***718.3* Draftstopping in floors.** *[Body of text unchanged]*

Exceptions: Buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1. and provided that in combustible construction, sprinkler protection is provided in the floor space.

Section 718.4; change sentence to read as follows:

***718.4* Draft stopping in attics.** *[Body of text unchanged]*

Exceptions: Buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 and provided that in combustible construction, sprinkler protection is provided in the attic space.

Section 901.6.1; add Section 901.6.1.1 to read as follows:

901.6.1.1 Standpipe Testing. Building owners/managers must maintain and test standpipe systems as per NFPA 25 requirements. The following additional requirements shall be applied to the testing that is required every 5 years:

1. The piping between the Fire Department Connection (FDC) and the standpipe shall be backflushed or inspected by approved camera when foreign material is present or when caps are missing, and also hydrostatically tested for all FDC's on any type of standpipe system. Hydrostatic testing shall also be conducted in accordance with NFPA 25 requirements for the different types of standpipe systems.

2. For any manual (dry or wet) standpipe system not having an automatic water supply capable of flowing water through the standpipe, the tester shall connect hose from a fire hydrant or portable pumping system (as approved by the *fire code official*) to each FDC, and flow water through the standpipe system to the roof outlet to verify that each inlet connection functions properly. Confirm that there are no open hose valves prior to introducing water into a dry standpipe. There is no required pressure criteria at the outlet. Verify that check valves function properly and that there are no closed control valves on the system.

3. Any pressure relief, reducing, or control valves shall be tested in accordance with the requirements of NFPA 25. All hose valves shall be exercised.

4. If the FDC is not already provided with approved caps, the contractor shall install such caps for all FDC's as required by the *fire code official*.

5. Upon successful completion of standpipe test, place a blue tag (as per Texas Administrative Code, Fire Sprinkler Rules for Inspection, Test and Maintenance Service (ITM) Tag) at the bottom of each standpipe riser in the building. The tag shall be check-marked as "Fifth Year" for Type of ITM, and the note on the back of the tag shall read "5 Year Standpipe Test" at a minimum.

6. The procedures required by Texas Administrative Code Fire Sprinkler Rules with regard to Yellow Tags and Red Tags or any deficiencies noted during the testing, including the required notification of the local Authority Having Jurisdiction (*fire code official*) shall be followed.

7. Additionally, records of the testing shall be maintained by the owner and contractor, if applicable, as required by the State Rules mentioned above and NFPA 25.

8. Standpipe system tests where water will be flowed external to the building shall not be conducted during freezing conditions or during the day prior to expected night time freezing conditions.

9. Contact the *fire code official* for requests to remove existing fire hose from Class II and III standpipe systems where employees are not trained in the utilization of this firefighting equipment. All standpipe hose valves must remain in place and be provided with an approved cap and chain when approval is given to remove hose by the *fire code official*.

Section 903.1.1; change to read as follows:

903.1.1 Alternative Protection. Alternative automatic fire-extinguishing systems complying with Section 904 shall be permitted in addition to automatic sprinkler protection where recognized by the applicable standard, or as *approved* by the *fire code official*.

Section 903.2; add paragraph to read as follows and delete the exception:

Automatic Sprinklers shall not be installed in elevator machine rooms, elevator machine spaces, and elevator hoist ways, other than pits where such sprinklers would not necessitate shunt trip requirements under any circumstances. Storage shall not be allowed within the elevator machine room. Signage shall be

provided at the entry doors to the elevator machine room indicating “ELEVATOR MACHINERY – NO STORAGE ALLOWED.”

Section 903.2.9; add Section 903.2.9.3 to read as follows:

903.2.9.3 Self-Service Storage Facility. An automatic sprinkler system shall be installed throughout all self-service storage facilities.

Section 903.2.11; change 903.2.11.3 and add 903.2.11.7, 903.2.11.8, and 903.2.11.9 as follows:

903.2.11.3 Buildings <u>35</u> feet or more in height. An automatic sprinkler system shall be installed throughout buildings that have one or more stories, other than penthouses in compliance with Section 1510 of the *International Building Code*, located 35 feet (10 668 mm) or more above the lowest level of fire department vehicle access, measured to the finished floor.

Exceptions:

Open parking structures in compliance with Section 406.5 of the *International Building Code, having no other occupancies above the subject garage*.

903.2.11.7 High-Piled Combustible Storage. For any building with a clear height exceeding 12 feet (4572 mm), see Chapter 32 to determine if those provisions apply.

903.2.11.8 Spray Booths and Rooms. New and existing spray booths and spraying rooms shall be protected by an approved automatic fire-extinguishing system.

903.2.11.9 Buildings Over 6,000 sq. ft. An automatic sprinkler system shall be installed throughout all buildings with a building area 6,000 sq. ft. or greater and in all existing buildings that are enlarged to be 6,000 sq. ft. or greater. For the purpose of this provision, fire walls shall not define separate buildings.

Exception: Open parking garages in compliance with Section 406.5 of the *International Building Code*.

Section 903.3.1.1.1; change to read as follows:

903.3.1.1.1 Exempt Locations. When approved by the *fire code official*, automatic sprinklers shall not be required in the following rooms or areas where such *...{text unchanged}…* because it is damp, of fire-resistance-rated construction or contains electrical equipment.

1. Any room where the application of water, or flame and water, constitutes a serious life or fire hazard.
2. Any room or space where sprinklers are considered undesirable because of the nature of the contents, when approved by the fire code official.
3. Generator and transformer rooms, under the direct control of a public utility, separated from the remainder of the building by walls and floor/ceiling or roof/ceiling assemblies having a fire-resistance rating of not less than 2 hours.
4. Elevator machine rooms, machinery spaces, and hoist ways, other than pits where such sprinklers would not necessitate shunt trip requirements under any circumstances.

Section 903.3.1.2.3; delete sections and replace as follows:

Section 903.3.1.2.3 Attached Garages and Attics. Sprinkler protection is required in attached garages, and in the following attic spaces of buildings that are two or more stories in height above grade plane or

above the lowest level of fire department vehicle access; Group R-4, Condition 2 occupancy attics not required by Item 1 or 3 to have sprinklers shall comply with one of the following: [Remainder Unchanged]

Section 903.3.1.3; change to read as follows:

903.3.1.3 NFPA 13D Sprinkler Systems. *Automatic sprinkler systems* installed in one- and two-family *dwellings*; Group R-3; Group R-4, Condition 1; and *townhouses* shall be permitted to be installed throughout in accordance with NFPA 13D or in accordance with state law.

*****Section 903.3.1.4; add to read as follows:***

903.3.1.4 Freeze protection. Freeze protection systems for automatic fire sprinkler systems shall be in accordance with the requirements of the applicable referenced NFPA standard and this section.

903.3.1.4.1 Attics. Only dry-pipe, preaction, or listed antifreeze automatic fire sprinkler systems shall be allowed to protect attic spaces.

Exception: Wet-pipe fire sprinkler systems shall be allowed to protect non-ventilated attic spaces where:

1. The attic sprinklers are supplied by a separate floor control valve assembly to allow ease of draining the attic system without impairing sprinklers throughout the rest of the building, and
2. Adequate heat shall be provided for freeze protection as per the applicable referenced NFPA standard, and
3. The attic space is a part of the building's thermal, or heat, envelope, such that insulation is provided at the roof deck, rather than at the ceiling level.

903.3.1.4.2 Heat trace/insulation. Heat trace/insulation shall only be allowed where approved by the fire code official for small sections of large diameter water-filled pipe.

Section 903.3.5; add a second paragraph to read as follows:

Water supply as required for such systems shall be provided in conformance with the supply requirements of the respective standards; however, every water-based fire protection system shall be designed with a 10 psi safety factor. Reference Section 507.4 for additional design requirements.

Section 903.4; add a second paragraph after the exceptions to read as follows:

Sprinkler and standpipe system water-flow detectors shall be provided for each floor tap to the sprinkler system and shall cause an alarm upon detection of water flow for more than 45 seconds. All control valves in the sprinkler and standpipe systems except for fire department hose connection valves shall be electrically supervised to initiate a supervisory signal at the central station upon tampering.

Section 903.4.2; add second paragraph to read as follows:

The alarm device required on the exterior of the building shall be a weatherproof horn/strobe notification appliance with a minimum 75 candela strobe rating, installed as close as practicable to the fire department connection.

Section 905.2; change to read as follows:

905.2 Installation Standard. Standpipe systems shall be installed in accordance with this section and NFPA 14. Manual dry standpipe systems shall be supervised with a minimum of 10 psig and a maximum of 40 psig air pressure with a high/low alarm.

Section 905.3; add Section 905.3.9 and exception to read as follows:

905.3.9 Buildings Exceeding 10,000 sq. ft. In buildings exceeding 10,000 square feet in area per story and where any portion of the building's interior area is more than 200 feet (60960 mm) of travel, vertically and horizontally, from the nearest point of fire department vehicle access, Class I automatic wet or manual wet standpipes shall be provided.

Exceptions:

1. Automatic dry, semi-automatic dry, and manual dry standpipes are allowed as provided for in NFPA 14 where approved by the fire code official.
2. R-2 occupancies of four stories or less in height having no interior corridors.

Section 905.4, change Item 1, 3, and 5, and add Item 7 to read as follows:

1. In every required exit stairway, a hose connection shall be provided for each story above and below grade plane. Hose connections shall be located at the main floor landing between stories, unless otherwise approved by the fire code official.
2. {No change.}
3. In every exit passageway, at the entrance from the exit passageway to other areas of a building.

Exception: Where floor areas adjacent to an exit passageway are reachable from an ~~interior~~ exit stairway hose connection by a {No change to rest.}

4. {No change.}
5. Where the roof has slope less than four units vertical in 12 units horizontal (33.3-percent slope), each standpipe shall be provided with a two-way hose connection located to serve the roof or at the highest landing of an exit stairway with stair access to the roof provided in accordance with Section 1011.12.
6. {No change.}
7. When required by this Chapter, standpipe connections shall be placed adjacent to all required exits to the structure and at two hundred feet (200') intervals along major corridors thereafter, or as otherwise approved by the fire code official.

Section 905.9; add a second paragraph after the exceptions to read as follows:

Sprinkler and standpipe system water-flow detectors shall be provided for each floor tap to the sprinkler system and shall cause an alarm upon detection of water flow for more than 45 seconds. All control valves in the sprinkler and standpipe systems except for fire department hose connection valves shall be electrically supervised to initiate a supervisory signal at the central station upon tampering.

Section 907.1; add Section 907.1.4 to read as follows:

907.1.4 Design Standards. Where a new fire alarm system is installed, the devices shall be addressable. Fire alarm systems utilizing more than 20 smoke detectors shall have analog initiating devices.

Section 907.2.1; change to read as follows:

907.2.1 Group A. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies having an occupant load of 300 or more persons, or where the occupant load is more than 100 persons above or below the *lowest level of exit discharge*. Group A occupancies not separated from one another in accordance with Section 707.3.10 of the *International Building Code* shall be considered as a single occupancy for the purposes of applying this section. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for the Group E occupancy.

Exception: {No change.}

Activation of fire alarm notification appliances shall:

1. Cause illumination of the *means of egress* with light of not less than 1 foot-candle (11 lux) at the walking surface level, and
2. Stop any conflicting or confusing sounds and visual distractions.

Section 907.2.3; change to read as follows:

907.2.3 Group E. A manual fire alarm system that initiates the occupant notification signal utilizing an emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall be installed in Group E educational occupancies. When *automatic sprinkler systems* or smoke detectors are installed, such systems or detectors shall be connected to the building fire alarm system. An approved smoke detection system shall be installed in Group E day care occupancies. Unless separated by a minimum of 100' open space, all buildings, whether portable buildings or the main building, will be considered one building for alarm occupant load consideration and interconnection of alarm systems.

Exceptions:

1. {No change.}
   1.1. Residential In-Home day care with not more than 12 children may use interconnected single station detectors in all habitable rooms. (For care of more than five children 2 1/2 or less years of age, see Section 907.2.6.) {No change to remainder of exceptions.}

Section 907.2.12, Exception 3; change to read as follows:

3. Open air portions of buildings with an occupancy in Group A-5 in accordance with Section 303.1 of the *International Building Code*; however, this exception does not apply to accessory uses including but not limited to sky boxes, restaurants, and similarly enclosed areas.

Section 907.4.2; add Section 907.4.2.7 to read as follows:

907.4.2.7 Type. Manual alarm initiating devices shall be an approved double action type.

Section 907.6.1; add Section 907.6.1.1 to read as follows:

907.6.1.1 Wiring Installation. All fire alarm systems shall be installed in such a manner that a failure of any single initiating device or single open in an initiating circuit conductor will not interfere with the normal operation of other such devices. All signaling line circuits (SLC) shall be installed in such a way that a single open will not interfere with the operation of any addressable devices (Class A). Outgoing and return SLC conductors shall be installed in accordance with NFPA 72 requirements for Class A circuits and shall have a minimum of four feet separation horizontal and one foot vertical between supply and return circuit conductors. The initiating device circuit (IDC) from a signaling line circuit interface device may be wired Class B, provided the distance from the interface device to the initiating device is ten feet or less.

Section 907.6.3; delete all four Exceptions.

Section 907.6.6; add sentence at end of paragraph to read as follows:

See 907.6.3 for the required information transmitted to the supervising station.

Section 910.2; change Exception 2 and 3 to read as follows:

2. Only manual smoke and heat removal shall ~~not~~ be required in areas of buildings equipped with early suppression fast-response (ESFR) sprinklers. Automatic smoke and heat removal is prohibited.

3. Only manual smoke and heat removal shall ~~not~~ be required in areas of buildings equipped with control mode special application sprinklers with a response time index of 50(m*S)$^{1/2}$ or less that are listed to control a fire in stored commodities with 12 or fewer sprinklers. Automatic smoke and heat removal is prohibited.

Section 910.2; add subsections 910.2.3 with exceptions to read as follows:

910.2.3 Group H. Buildings and portions thereof used as a Group H occupancy as follows:

1. In occupancies classified as Group H-2 or H-3, any of which are more than 15,000 square feet (1394 m^2) in single floor area.

   Exception: Buildings of noncombustible construction containing only noncombustible materials.

2. In areas of buildings in Group H used for storing Class 2, 3, and 4 liquid and solid oxidizers, Class 1 and unclassified detonable organic peroxides, Class 3 and 4 unstable (reactive) materials, or Class 2 or 3 water-reactive materials as required for a high-hazard commodity classification.

   Exception: Buildings of noncombustible construction containing only noncombustible materials.

Section 910.3; add section 910.3.4 to read as follows:

910.3.4 Vent Operation. Smoke and heat vents shall be capable of being operated by approved automatic and manual means. Automatic operation of smoke and heat vents shall conform to the provisions of Sections 910.3.2.1 through 910.3.2.3.

910.3.4.1 Sprinklered buildings. Where installed in buildings equipped with an approved automatic sprinkler system, smoke and heat vents shall be designed to operate automatically.
The automatic operating mechanism of the smoke and heat vents shall operate at a temperature rating at least 100 degrees F (approximately 38 degrees Celsius) greater than the temperature rating of the sprinklers installed.

Exception: Manual only systems per Section 910.2.

910.3.4.2 Nonsprinklered Buildings. Where installed in buildings not equipped with an approved automatic sprinkler system, smoke and heat vents shall operate automatically by actuation of a heat-responsive device rated at between 100°F (56°C) and 220°F (122°C) above ambient.
Exception: Listed gravity-operated drop out vents.

Section 910.4.3.1; change to read as follows:

910.4.3.1 Makeup Air. Makeup air openings shall be provided within 6 feet (1829 mm) of the floor level. Operation of makeup air openings shall be automatic. The minimum gross area of makeup air inlets shall be 8 square feet per 1,000 cubic feet per minute (0.74 m2 per 0.4719 m3/s) of smoke exhaust.

Section 912.2; add Section 912.2.3 to read as follows:

912.2.3 Hydrant Distance. An approved fire hydrant shall be located within 100 feet of the fire department connection as the fire hose lays along an unobstructed path.

Section 913.2.1; add Section 913.2.1.1 and exception to read as follows:

913.2.1.1 Fire Pump Room Access. When located on the ground level at an exterior wall, the fire pump room shall be provided with an exterior fire department access door that is not less than 3 ft. in width and

6 ft. – 8 in. in height, regardless of any interior doors that are provided. A key box shall be provided at this door, as required by IFC Section 506.1.

Exception: When it is necessary to locate the fire pump room on other levels or not at an exterior wall, the corridor leading to the fire pump room access from the exterior of the building shall be provided with equivalent fire resistance as that required for the pump room, or as approved by the *fire code official*. Access keys shall be provided in the key box as required by IFC Section 506.1.

Section 1006.2.2.7; add Section 1006.2.2.7 as follows:

1006.2.2.7 Electrical Rooms. For electrical rooms, special exiting requirements may apply. Reference the electrical code as adopted.

Section 1009.8; add the following Exception 7:

1009.8 Two Way Communication. A two-way communication system complying with Sections 1009.8.1 and 1009.8.2 shall be provided at the landing serving each elevator required to be accessible on each accessible floor that is one or more stories above or below the level of exit discharge.

Exceptions:
7. Buildings regulated under State Law and built in accordance with State registered plans, including variances or waivers granted by the State, shall be deemed to be in compliance with the requirements of Section 1009 and chapter 11.

Section 1010.1.9.5 Bolt Locks; amend exceptions 3 and 4 as follows:

Exceptions:
3. Where a pair of doors serves an occupant load of less than 50 persons in a Group B, F, M or S occupancy. (remainder unchanged)
4. Where a pair of doors serves a Group A, B, F, M or S occupancy (remainder unchanged)

Section 1020.1 Construction; add exception 6 to read as follows:

6. In group B occupancies, corridor walls and ceilings need not be of fire-resistive construction within a single tenant space when the space is equipped with approved automatic smoke-detection within the corridor. The actuation of any detector must activate self-annunciating alarms audible in all areas within the corridor. Smoke detectors must be connected to an approved automatic fire alarm system where such system is provided.

Section 1029.1.1.1 Spaces under grandstands and bleachers; delete this section.

Section 1101.1 Scope; add exception to Section 1101.1 as follows:

Exception: Components of projects regulated by and registered with Architectural Barriers Division of Texas Department of Licensing and Regulation shall be deemed to be in compliance with the requirements of this chapter.

Section 2901.1; add a sentence to read as follows:

2901.1 Scope. {*existing text to remain*} The provisions of this Chapter are meant to work in coordination with the provisions of Chapter 4 of the International Plumbing Code. Should any conflicts arise between the two chapters, the Building Official shall determine which provision applies.

Section 2902.1; add a second paragraph to read as follows:

In other than E Occupancies, the minimum number of fixtures in Table 2902.1 may be lowered, if requested in writing, by the applicant stating reasons for a reduced number and approved by the Building Official.

Table 2902.1; add footnote g to read as follows:

g. Drinking fountains are not required in M Occupancies with an occupant load of 100 or less, B Occupancies with an occupant load of 25 or less, and for dining and/or drinking establishments.

Add new Section 2902.1.4 to read as follows:

2902.1.4 Additional fixtures for food preparation facilities. In addition to the fixtures required in this Chapter, all food service facilities shall be provided with additional fixtures set out in this section.

2902.1.4.1 Hand washing lavatory. At least one hand washing lavatory shall be provided for use by employees that is accessible from food preparation, food dispensing and ware washing areas. Additional hand washing lavatories may be required based on convenience of use by employees.

2902.1.4.2 Service sink. In new or remodeled food service establishments, at least one service sink or one floor sink shall be provided so that it is conveniently located for the cleaning of mops or similar wet floor cleaning tool and for the disposal of mop water and similar liquid waste. The location of the service sink(s) and/or mop sink(s) shall be approved by the Planning and Development Department.

Section 3001.2 Emergency Elevator Communication Systems for the deaf, hard of hearing and speech impaired; delete this section.

Section 3002.1 Hoistway Enclosure Protection required. Add exceptions to Section 3002.1 as follows:

Exceptions:

4. Elevators completely located within atriums shall not require hoistway enclosure protection.

5. Elevators in open or enclosed parking garages that serve only the parking garage, shall not require hoistway enclosure protection.

Section 3005.4 Machine rooms, control rooms, machinery spaces and control spaces; delete text as follows:

~~Elevator machine rooms, control rooms, control spaces and machinery spaces outside of but attached to a hoistway that have openings into the hoistway shall be enclosed with fire barriers constructed in accordance with Section 707 or horizontal assemblies constructed in accordance with Section 711, or both.~~

Revise text to read:

Elevator machine rooms, control rooms, control spaces and machinery spaces shall be enclosed with fire barriers constructed in accordance with Section 707 or horizontal assemblies constructed in accordance with Section 711, or both.

Section 3005.4 Machine rooms, control rooms, machinery spaces and control spaces;
Delete exceptions and add two new exceptions to Section 3005.4 as follows:

Exceptions:

1. Elevator machine rooms, control rooms, machinery spaces and control spaces completely located within atriums shall not require enclosure protection.

2. Elevator machine rooms, control rooms, machinery spaces and control spaces in open or enclosed parking garages that serve only the parking garage, shall not require enclosure protection.

Section 3005.7 add a Section 3005.7 as follows:

3005.7 Fire Protection in Machine rooms, control rooms, machinery spaces and control spaces.

3005.7.1 Automatic sprinkler system. The building shall be equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1, except as otherwise permitted by Section 903.3.1.1.1 and as prohibited by Section 3005.7.2.1.

3005.7.2.1 Prohibited locations. Automatic sprinklers shall not be installed in machine rooms, elevator machinery spaces, control rooms, control spaces and elevator hoistways.

3005.7.2.2 Sprinkler system monitoring. The sprinkler system shall have a sprinkler control valve supervisory switch and water-flow initiating device provided for each floor that is monitored by the building's fire alarm system.

3005.7.3 Water protection. An approved method to prevent water from infiltrating into the hoistway enclosure from the operation of the automatic sprinkler system outside the elevator lobby shall be provided.

3005.7.4 Shunt trip. Means for elevator shutdown in accordance with Section 3005.5 shall not be installed.

Section 3005.8; add Section 3005.8 as follows:

3005.8 Storage. Storage shall not be allowed within the elevator machine room, control room, machinery spaces and or control spaces. Provide approved signage at each entry to the above listed locations stating: "No Storage Allowed.

Option B
Section 3006.2, Hoistway opening protection required; Revise text as follows:

5. The building is a high rise and the elevator hoistway is more than 55 feet (16 764 mm) in height. The height of the hoistway shall be measured from the lowest floor at or above grade to the highest floors served by the hoistway."

Chapter 35 – Referenced Standards – *Add*

ASTM – F 537 -01 – Standard Specification for Design, Fabrication, and Installation of Fences Constructed of Wood or Related Materials

ASTM – F 537 -14 – Standard Specification for Design, Fabrication, and Installation of Fences Constructed of Chain Link or Related Materials

End

EXHIBIT "C"
Town of Shady Shores
Amendments to the 2018
International Plumbing Code

Table of Contents, Chapter 7, Section 714; change to read as follows:

Section 102.8; change to read as follows:

102.8 Referenced codes and standards. The codes and standards referenced in this code shall be those that are listed in Chapter 15 and such codes, when specifically adopted, and standards shall be considered as part of the requirements of this code to the prescribed extent of each such reference. Where the differences occur between provisions of this code and the referenced standards, the provisions of this code shall be the minimum requirements. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the adopted amendments. Any reference to NFPA 70 shall mean the Electrical Code as adopted.

Sections 106.6.2 and 106.6.3; change to read as follows:

106.6.2 Fee schedule. The fees for all plumbing work shall be as adopted by resolution of the governing body of the jurisdiction.

106.6.3 **Fee Refunds.** The code official shall establish a policy for authorizing the refunding of fees *{Delete balance of section}*

Section 109; delete entire section and insert the following:

SECTION 109
MEANS OF APPEAL

109.1 Application for appeal. Any person shall have the right to appeal a decision of the code official to the board of appeals established by ordinance. The board shall be governed by the enabling ordinance.

Section 305; change to read as follows:

305.1 Protection against contact. Metallic piping, except for cast iron, ductile iron and galvanized steel, shall not be placed in direct contact with steel framing members, concrete or cinder walls and floors or other masonry. Metallic piping shall not be placed in direct contact with corrosive soil. Where sheathing is used to prevent direct contact, the sheathing shall have a thickness of not less than 0.008 inch (8 mil) (0.203 mm) and the sheathing shall be made of approved material. Where sheathing protects piping that penetrates concrete or masonry walls or floors, the sheathing shall be installed in a manner that allows movement of the piping within the sheathing.

305.4.1 Sewer depth. Building sewers shall be a minimum of 12 inches (304 mm) below grade.

Section 305.7; change to read as follows:

305.7 Protection of components of plumbing system. Components of a plumbing system installed within 3 feet along alleyways, driveways, parking garages or other locations in a manner in which they could be exposed to damage shall be recessed into the wall or otherwise protected in an *approved* manner.

Section 306; change to read as follows:

306.2.4 Plastic sewer and DWV piping installation. Plastic sewer and DWV piping installed underground shall be installed in accordance with the manufacturer's installation instructions. Trench width shall be controlled to not exceed the outside the pipe diameter plus 16 inches or in a trench which has a controlled width equal to the nominal diameter of the diameter of the piping multiplied by 1.25 plus 12 inches. The piping shall be bedded in 4 inches of granular fill and then backfilled compacting the side fill in 6-inch layers on each side of the piping. The compaction shall be to minimum of 85 percent standard proctor density and extend to a minimum of 6 inches above the top of the pipe.

Section 314.2.1; change to read as follows:

314.2.1 Condensate disposal. Condensate from all cooling coils and evaporators shall be conveyed from the drain pan outlet to an *approved* place of disposal. ... {text unchanged} **...** Condensate shall not discharge into a street, alley, sidewalk, rooftop, or other areas so as to cause a nuisance.

Section 409.2; change to read as follows:

409.2 Water connection. The water supply to a commercial dishwashing machine shall be protected against backflow by an air gap or backflow preventer in accordance with Section 608. (Remainder of section unchanged).

Section 413.4; change to read as follows:

413.4 Required location for floor drains. Floor drains shall be installed in the following areas:

1. In public laundries and in the central washing facilities of multiple family dwellings, the rooms containing automatic clothes washers shall be provided with floor drains located to readily drain the entire floor area. Such drains shall have a minimum outlet of not less than 3 inches (76 mm) in diameter.

2. Commercial kitchens. In lieu of floor drains in commercial kitchens, the Code Official may accept floor sinks.

3. Public restrooms.

Section 502.3; change to read as follows:

502.3 Water heaters installed in attics. Attics containing a water heater shall be provided . . . {bulk of paragraph unchanged} . . . side of the water heater. The clear access opening dimensions shall be not less than 20 inches by 30 inches (508 mm by 762 mm) where such dimensions are large enough to allow removal of the water heater. As a minimum, for access to the attic space, provide one of thefollowing:

1. A permanent stair.

2. A pull-down stair with a minimum 300 lb (136 kg) capaTown.

3. An access door from an upper floor level.

4. Access Panel may be used in lieu of items 1, 2, and 3 with prior approval of the Code Official due to building conditions.

Exceptions:

1. The passageway and level service space are not required where the appliance is capable of being serviced and removed… {remainder of text unchanged}

Section 502.6; add Section 502.6 to read as follows:

502.6 Water heaters above ground or floor. When the attic, roof, mezzanine or platform in which a water heater is installed is more than eight (8) feet (2438 mm) above the ground or floor level, it shall be made accessible by a stairway or permanent ladder fastened to the building.

Exception: A max 10-gallon water heater (or larger with approval) is capable of being accessed through a lay-in ceiling and a water heater is installed is not more than ten (10) feet (3048 mm) above the ground or floor level and may be reached with a portable ladder.

Section 504.6; change to read as follows:

504.6 Requirements for discharge piping. The discharge piping serving a pressure relief valve, temperature relief valve or combination thereof shall:

1. Not be directly connected to the drainage system.

2. Discharge through an air gap.

3. Not be smaller than the diameter of the outlet of the valve served and shall discharge full size to the air gap.

4. Serve a single relief device and shall not connect to piping serving any other relief device or equipment.

   Exception: Multiple relief devices may be installed to a single T & P discharge piping system when *approved* by the administrative authority and permitted by the manufacture's installation instructions and installed with those instructions.

5. Discharge to an approved location or to the outdoors.

6. Discharge in a manner that does not cause personal injury or structural damage.

7. Discharge to a termination point that is readily observable by the building occupants.

8. Not be trapped.

9. Be installed so as to flow by gravity.

10. Terminate not more than 6 inches above and not less than two times the discharge pipe diameter above the floor or flood level rim of the waste receptor.

11. Not have a threaded connection at the end of such piping.

12. Not have valves or tee fittings.

13. Be constructed of those materials listed in Section 605.4 or materials tested, rated and *approved* for such use in accordance with ASME A112.4.1.

14. Be one nominal size larger than the size of the relief valve outlet, where the relief valve discharge piping is installed with insert fittings. The outlet end of such tubing shall be fastened in place

Section 504.7.1; change to read as follows:

Section 504.7.1 Pan size and drain to read as follows: The pan shall be not less than 11/2 inches (38 mm) in depth and shall be of sufficient size and shape to receive all dripping or condensate from the tank or water heater. The pan shall be drained by an indirect waste pipe having a diameter of not less than 3/4 inch (19 mm). Piping for safety pan drains shall be of those materials listed in Table 605.4. Multiple pan drains may terminate to a single discharge piping system when *approved* by the administrative authority and permitted by the manufactures installation instructions and installed with those instructions.

Section 608.1; change to read as follows:

608.1 General. A potable water supply system shall be designed, installed and maintained in such a manner so as to prevent contamination from non-potable liquids, solids or gases being introduced into the potable water supply through cross-connections or any other piping connections to the system. Backflow preventer applications shall conform to applicable local regulations. Table 608.1, and as specifically stated in Sections 608.2 through 608.16.10.

Section 608.17.5; change to read as follows:

608.17.5 Connections to lawn irrigation systems.
The potable water supply to lawn irrigation systems shall be protected against backflow by an atmospheric-type vacuum breaker, a pressure-type vacuum breaker, a double-check assembly or a reduced pressure principle backflow preventer. A valve shall not be installed downstream from an atmospheric vacuum breaker. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principle backflow preventer.

Insert New Section 608.16.5.1- Installation of Landscape Irrigation Systems
608.17.5.1 – Installation of Landscape Irrigation Systems
Definitions
(1) Air gap--A complete physical separation between the free-flowing discharge end of a potable water supply pipeline and an open or non-pressure receiving vessel.

(2) Atmospheric Vacuum Breaker--An assembly containing an air inlet valve, a check seat, and an airinlet port. The flow of water into the body causes the air inlet valve to close the air inlet port. When the flow of water stops the air inlet valve falls and forms a check against back siphonage.
At the same time it opens the air inlet port allowing air to enter and satisfy the vacuum. Also known as an Atmospheric Vacuum Breaker Back-Siphonage Prevention Assembly.

(3) Automatic controller--A solid state timer capable of operating valve stations to set the days, time of day, and length of time water is applied.

(4) Backflow prevention--The mechanical prevention of reverse flow, or back siphonage, of non-potable water from an irrigation system into the potable water source.

(5) Backflow prevention assembly--Any assembly used to prevent backflow into a potable water system. The type of assembly used is based on the existing or potential degree of health hazard and backflow condition.

(6) Completion of irrigation system installation--When the landscape irrigation system has been installed, all minimum standards met, all tests performed, and the irrigator is satisfied that the system is operating correctly.

(7) Consulting--The act of providing advice, guidance, review or recommendations related to landscape irrigation systems.

(8) Cross-connection--An actual or potential connection between a potable water source and an irrigation system that may contain contaminates or pollutants or any source of water that has been treated to a lesser degree in the treatment process.

(9) Design--The act of determining the various elements of a landscape irrigation system that will include, but not be limited to, elements such as collecting site specific information, defining the scope of the project, defining plant watering needs, selecting and laying out emission devices, locating system components, conducting hydraulics calculations, identifying any local regulatory requirements, or scheduling irrigation work at a site. Completion of the various components will result in an irrigation plan.

(10) Design pressure--The pressure that is required for an emission device to operate properly.
Design pressure is calculated by adding the operating pressure necessary at an emission device to the total of all pressure losses accumulated from an emission device to the water source.

(11) Double Check Valve--An assembly that is composed of two independently acting, approved check valves, including tightly closed resilient seated shutoff valves attached at each end of the assembly and fitted with properly located resilient seated test cocks. Also known as a Double Check Valve Backflow Prevention Assembly.

(12) Emission device--Any device that is contained within an irrigation system and that is used to apply water. Common emission devices in an irrigation system include, but are not limited to, spray and rotary sprinkler heads, and drip irrigation emitters.

(13) Employed--Engaged or hired to provide consulting services or perform any activity relating to the sale, design, installation, maintenance, alteration, repair, or service to irrigation systems. A person is employed if that person is in an employer-employee relationship as defined by Internal Revenue Code, 26 United States Code Service, §3212(d) based on the behavioral control, financial control, and the type of relationship involved in performing employment related tasks.

(14) Head-to-head spacing--The spacing of spray or rotary heads equal to the manufacturers published radius of the head.

(15) Health hazard--A cross-connection or potential cross-connection with an irrigation system that involves any substance that may, if introduced into the potable water supply, cause death or illness, spread disease, or have a high probability of causing such effects.

(16) Hydraulics--The science of dynamic and static water; the mathematical computation of determining pressure losses and pressure requirements of an irrigation system.

(17) Inspector--A licensed plumbing inspector, water district operator, other governmental entity, or irrigation inspector who inspects irrigation systems and performs other enforcement duties for a municipality or water district as an employee or as a contractor.

(18) Installer--A person who actually connects an irrigation system to a private or public raw or potable water supply system or any water supply, who is licensed according to Title 30, Texas Administrative Code, Chapter 30 (relating to Occupational Licenses and Registrations).

(19) Irrigation inspector--A person who inspects irrigation systems and performs other enforcement duties for a municipality or water district as an employee or as a contractor and is required to be licensed under Title 30, Texas Administrative Code, Chapter 30 (relating to Occupational Licenses and Registrations).

(20) Irrigation plan--A scaled drawing of a landscape irrigation system which lists required information, the scope of the project, and represents the changes made in the installation of the irrigation system.

(21) Irrigation services--Selling, designing, installing, maintaining, altering, repairing, servicing, permitting, providing consulting services regarding, or connecting an irrigation system to a water supply.

(22) Irrigation system--An assembly of component parts that is permanently installed for the controlled distribution and conservation of water to irrigate any type of landscape vegetation in any location, and/or to reduce dust or control erosion. This term does not include a system that is used on or by an agricultural operation as defined by Texas Agricultural Code, §251.002.

(23) Irrigation technician--A person who works under the supervision of a licensed irrigator to install, maintain, alter, repair, service or supervise installation of an irrigation system, including the connection of such system in or to a private or public, raw or potable water supply system or any water supply, and who is required to be licensed under Title 30, Texas Administrative Code, Chapter 30 (relating to Occupational Licenses and Registrations).

(24) Irrigation zone--A subdivision of an irrigation system with a matched precipitation rate based on plant material type (such as turf, shrubs, or trees), microclimate factors (such as sun/shade ratio), topographic features (such as slope) and soil conditions (such as sand, loam, clay, or combination) or for hydrological control.

(25) Irrigator--A person who sells, designs, offers consultations regarding, installs, maintains, alters, repairs, services or supervises the installation of an irrigation system, including the connection of such system to a private or public, raw or potable water supply system or any water supply, and who is required to be licensed under Title 30, Texas Administrative Code, Chapter 30.

(26) Irrigator-in-Charge--The irrigator responsible for all irrigation work performed by an exempt business owner, including, but not limited to obtaining permits, developing design plans, supervising the work of other irrigators or irrigation technicians, and installing, selling, maintaining, altering, repairing, or servicing a landscape irrigation system.

(27) Landscape irrigation--The science of applying the necessary amount of water to promote or sustain healthy growth of plant material or turf.

(28) License--An occupational license that is issued by the Texas Commission on Environmental Quality under Title 30, Texas Administrative Code, Chapter 30 to an individual that authorizes the individual to engage in an activity that is covered by Title 30, Texas Administrative Code, Chapter 30.

(29) Mainline--A pipe within an irrigation system that delivers water from the water source to the individual zone valves.

(30) Maintenance checklist--A document made available to the irrigation system's owner or owner's representative that contains information regarding the operation and maintenance of the irrigation system, including, but not limited to: checking and repairing the irrigation system, setting the automatic controller, checking the rain or moisture sensor, cleaning filters, pruning grass and plants away from irrigation emitters, using and operating the irrigation system, the precipitation rates of each irrigation zone within the system, any water conservation measures currently in effect from the water purveyor, the name of the water

purveyor, a suggested seasonal or monthly watering schedule based on current evapotranspiration data for the geographic region, and the minimum water requirements for the plant material in each zone based on the soil type and plant material where the system is installed.

(31) Major maintenance, alteration, repair, or service--Any activity that involves opening to the atmosphere the irrigation main line at any point prior to the discharge side of any irrigation zone control valve. This includes, but is not limited to, repairing or connecting into a main supply pipe, replacing a zone control valve, or repairing a zone control valve in a manner that opens the system to the atmosphere.

(32) Master valve--A remote control valve located after the backflow prevention device that controls the flow of water to the irrigation system mainline.

(33) Matched precipitation rate--The condition in which all sprinkler heads within an irrigation zone apply water at the same rate.

(34) New installation--An irrigation system installed at a location where one did not previously exist.

(35) Pass-through contract--A written contract between a contractor or builder and a licensed irrigator or exempt business owner to perform part or all of the irrigation services relating to an irrigation system.
(36) Potable water-- Water that is suitable for human consumption.

(37) Pressure Vacuum Breaker--An assembly containing an independently operating internally loaded check valve and an independently operating loaded air inlet valve located on the discharge side of the check valve. Also known as a Pressure Vacuum Breaker Back-siphonage Prevention Assembly.

(38) Reclaimed water--Domestic or municipal wastewater which has been treated to a quality suitable for beneficial use, such as landscape irrigation.

(39) Records of landscape irrigation activities—The irrigation plans, contracts, warranty information, invoices, copies of permits, and other documents that relate to the installation, maintenance, alteration, repair, or service of a landscape irrigation system.

(40) Reduced Pressure Principle Backflow Prevention Assembly--An assembly containing two independently acting approved check valves together with a hydraulically operating mechanically independent pressure differential relief valve located between the two check valves and below the first check valve.

(41) Static water pressure--The pressure of water when it is not moving.

(42) Supervision--The on-the-job oversight and direction by a licensed irrigator who is fulfilling his or her professional responsibility to the client and/or employer in compliance with local or state requirements. Also a licensed installer working under the direction of a licensed irrigator or beginning January 1, 2009, an irrigation technician who is working under the direction of a licensed irrigator to install, maintain, alter, repair or service an irrigation system.

(43) Water conservation--The design, installation, service, and operation of an irrigation system in a manner that prevents the waste of water, promotes the most efficient use of water, and applies the least amount of water that is required to maintain healthy individual plant material or turf, reduce dust, and control erosion.

(44) Zone flow--A measurement, in gallons per minute or gallons per hour, of the actual flow of water through a zone valve, calculated by individually opening each zone valve and obtaining a valid reading after the pressure has stabilized. For design purposes, the zone flow is the total flow of all nozzles in the zone at a specific pressure.

(45) Zone valve--An automatic valve that controls a single zone of a landscape irrigation system.

Valid License Required
Any person who connects an irrigation system to the water supply within the Town or the Town's extraterritorial jurisdiction, commonly referred to as the ETJ, must hold a valid license, as defined by Title 30, Texas Administrative Code, Chapter 30 and required by Chapter 1903 of the Texas Occupations Code, or as defined by Chapter 365, Title 22 of the Texas Administrative Code and required by Chapter 1301 of the Texas Occupations Code.

Exemptions
A property owner is not required to be licensed in accordance with Texas Occupations Code, Title 12, §1903.002(c)(1) if he or she is performing irrigation work in a building or on a premises owned or occupied by the person as the person's home. A home or property owner who installs an irrigation system must meet the standards contained in (Reference that property owners must also meet the standards of this ordinance.) Title 30, Texas Administrative Code, Chapter 344 regarding spacing, water pressure, spraying water over impervious materials, rain or moisture shut-off devices or other technology, backflow prevention and isolation valves. The Town may, at any point, adopt more stringent requirements for a home or property owner who installs an irrigation system. See Texas Occupations Code §1903.002 for other exemptions to the licensing requirement.

Permit Required
Any person installing an irrigation system within the territorial limits or extraterritorial jurisdiction of the Town is required to obtain a permit from the Town. An irrigation plan must be submitted to the "Building Official" in conjunction with the permit application. Any plan approved for a permit must be in compliance with the requirements of this chapter.

Exemptions
(1) An irrigation system that is an on-site sewage disposal system, as defined by Section 366.002, Health and Safety Code; or

(2) An irrigation system used on or by an agricultural operation as defined by Section 251.002, Agriculture Code; or

(3) An irrigation system connected to a groundwater well used by the property owner for domestic use.

Backflow Prevention Methods and Devices

(a) Any irrigation system that is connected to the potable water supply must be connected through a backflow prevention method approved by the Texas Commission on Environmental Quality (TCEQ). The backflow prevention device must be approved by the American Society of Sanitary Engineers; or the Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California; or the International Plumbing Code; or any other laboratory that has equivalent capabilities for both the laboratory and field evaluation of backflow prevention assemblies. The backflow prevention device must be installed in accordance with the laboratory approval standards or if the approval does not include specific installation information, the manufacturer's current published recommendations.

(b) If conditions that present a health hazard exist, one of the following methods must be used to prevent backflow;

(1) An air gap may be used if:

(A) There is an unobstructed physical separation; and

(B) The distance from the lowest point of the water supply outlet to the flood rim of the fixture or assembly into which the outlet discharges is at least one inch or twice the diameter of the water supply outlet, whichever is greater.

(2) Reduced pressure principle backflow prevention assemblies may be used if:

(A) The device is installed at a minimum of 12 inches above ground in a location that will ensure that the assembly will not be submerged; and

(B) Drainage is provided for any water that may be discharged through the assembly relief valve.

(3) Pressure vacuum breakers may be used if:

(A) No back-pressure condition will occur; and

(B) The device is installed at a minimum of 12 inches above any downstream piping and the highest downstream opening. Pop-up sprinklers are measured from the retracted position from the top of the sprinkler.

(4) Atmospheric vacuum breakers may be used if:

(A) No back-pressure will be present;

(B) There are no shutoff valves downstream from the atmospheric vacuum breaker;

(C) The device is installed at a minimum of six inches above any downstream piping and the highest downstream opening. Pop-up sprinklers are measured from the retracted position from the top of the sprinkler;

(D) There is no continuous pressure on the supply side of the atmospheric vacuum breaker for more than 12 hours in any 24-hour period; and

(E) A separate atmospheric vacuum breaker is installed on the discharge side of each irrigation control valve, between the valve and all the emission devices that the valve controls.

(F) Backflow prevention devices used in applications designated as health hazards must be tested upon installation and annually thereafter. (If the Town chooses to permit the use of double check valves);

(G) If there are no conditions that present a health hazard, double check valve backflow prevention assemblies may be used to prevent backflow if the device is tested upon installation and test cocks are used for testing only.

(H) If a double check valve is installed below ground:

(1) Test cocks must be plugged, except when the double check valve is being tested;

(2) Test cock plugs must be threaded, water-tight, and made of non-ferrous material;

(3) A y-type strainer is installed on the inlet side of the double check valve;

(4) There must be a clearance between any fill material and the bottom of the double check valve to allow space for testing and repair; and

(5) There must be space on the side of the double check valve to test and repair the double check valve.

(d/f) If an existing irrigation system without a backflow-prevention assembly requires major maintenance, alteration, repair, or service, the system must be connected to the potable water supply through an approved, properly installed backflow prevention method before any major maintenance, alteration, repair, or service is performed.

(e/g) If an irrigation system is connected to a potable water supply through a double check valve, pressure vacuum breaker, or reduced pressure principle backflow assembly and includes an automatic master valve

on the system, the automatic master valve must be installed on the discharge side of the backflow prevention assembly.

(f/h) The irrigator shall ensure the backflow prevention device is tested by a licensed Backflow Prevention Assembly Tester prior to being placed in service and the test results provided to the local water purveyor and the irrigation system's owner or owner's representative within ten business days of testing of the backflow prevention device

Specific Conditions and Cross-Connection Control

(a) Before any chemical is added to an irrigation system connected to the potable water supply, the irrigation system must be connected through a reduced pressure principle backflow prevention assembly or air gap.

(b) Connection of any additional water source to an irrigation system that is connected to the potable water supply can only be done if the irrigation system is connected to the potable water supply through a reduced-pressure principle backflow prevention assembly or an air gap.

(c) Irrigation system components with chemical additives induced by aspiration, injection, or emission system connected to any potable water supply must be connected through a reduced pressure principle backflow device.

(d) If an irrigation system is designed or installed on a property that is served by an on-site sewage facility, as defined in Title 30, Texas Administrative Code, Chapter 285, then:

(1) All irrigation piping and valves must meet the separation distances from the On-Site Sewage Facilities system as required for a private water line in Title 30, Texas Administrative Code, Section 285.91(10);

(2) Any connections using a private or public potable water source that is not the Town's potable water system must be connected to the water source through a reduced pressure principle backflow prevention assembly as defined in Title 30, Texas Administrative Code, Section 344.50; and

(3) Any water from the irrigation system that is applied to the surface of the area utilized by the On-Site Sewage Facility system must be controlled on a separate irrigation zone or zones so as to allow complete control of any irrigation to that area so that there will not be excess water that would prevent the On-Site Sewage Facilities system from operating effectively.

Water Conservation

All irrigation systems shall be designed, installed, maintained, altered, repaired, serviced, and operated in a manner that will promote water conservation as defined in the Definitions section of this ordinance.

Irrigation Plan Design: Minimum Standards

(a) An irrigator shall prepare an irrigation plan for each site where a new irrigation system will be installed. A paper or electronic copy of the irrigation plan must be on the job site at all times during the installation of the irrigation system. A drawing showing the actual installation of the system is due to each irrigation system owner after all new irrigation system installations. During the installation of the irrigation system, variances from the original plan may be authorized by the licensed irrigator if the variance from the plan does not:

(1) Diminish the operational integrity of the irrigation system;

(2) Violate any requirements of this ordinance; and

(3) Go unnoted in red on the irrigation plan.

(b) The irrigation plan must include complete coverage of the area to be irrigated. If a system does not provide complete coverage of the area to be irrigated, it must be noted on the irrigation plan.

(c) All irrigation plans used for construction must be drawn to scale. The plan must include, at a minimum, the following information:

(1) The irrigator's seal, signature, and date of signing;

(2) All major physical features and the boundaries of the areas to be watered;

(3) A North arrow;

(4) A legend;

(5) The zone flow measurement for each zone;

(6) Location and type of each:

(a) Automatic controller; and

(b) Sensor (for example, but not limited to, rain, moisture, wind, flow, or freeze);

(7) Location, type, and size of each:

(a) Water source, such as, but not limited to a water meter and point(s) of connection;

(b) Backflow prevention device;

(c) Water emission device, including, but not limited to, spray heads, rotary sprinkler heads, quick-couplers, bubblers, drip, or micro-sprays;

(d) Valve, including but not limited to, zone valves, master valves, and isolation valves;

(e) Pressure regulation component; and

(f) Main line and lateral piping.

(8) The scale used; and

(9) The design pressures.

Design and Installation: Minimum Requirements

(a) No irrigation design or installation shall require the use of any component, including the water meter, in a way which exceeds the manufacturer's published performance limitations for the component.

(b) Spacing.

(1) The maximum spacing between emission devices must not exceed the manufacturers published radius or spacing of the device(s). The radius or spacing is determined by referring to the manufacturer's published specifications for a specific emission device at a specific operating pressure.

(2) New irrigation systems shall not utilize above-ground spray emission devices in landscapes that are less than 60 inches not including the impervious surfaces in either length or width and which contain impervious pedestrian or vehicular traffic surfaces along two or more perimeters. Qualifying areas less than 60 inches may be irrigated utilizing subsurface or drip irrigation, pressure compensating tubing, or be

designed without irrigation. If pop-up sprays or rotary sprinkler heads are used in a new irrigation system, the sprinkler heads must direct flow away from any adjacent surface and shall not be installed closer than four inches from a hardscape, such as, but not limited to, a building foundation, fence, concrete, asphalt, pavers, or stones set with mortar.

(3) Narrow paved walkways, jogging paths, golf cart paths or other small areas located in cemeteries, parks, golf courses or other public areas may be exempted from this requirement if the runoff drains into a landscaped area.

(c) Water pressure. Emission devices must be installed to operate at the minimum and not above the maximum sprinkler head pressure as published by the manufacturer for the nozzle and head spacing that is used. Methods to achieve the water pressure requirements include, but are not limited to, flow control valves, a pressure regulator, or pressure compensating spray heads.

(d) Piping. Piping in irrigation systems must be designed and installed so that the flow of water in the pipe will not exceed a veloTown of five feet per second for polyvinyl chloride (PVC) pipe.

(e) Irrigation Zones. Irrigation systems shall have separate zones based on plant material type, microclimate factors, topographic features, soil conditions, and hydrological requirements. All non-turf landscape areas included in the irrigation plan shall be designed with subsurface irrigation, drip irrigation, and/or pressure compensating tubing.

(f) Matched precipitation rate. Zones must be designed and installed so that all of the emission devices in that zone irrigates at the same precipitation rate.

(g) Irrigation systems shall not spray water over surfaces made of concrete, asphalt, brick, wood, stones set with mortar, or any other impervious material, such as, but not limited to, walls, fences, sidewalks, streets, etc.

(h) Foundations. If the irrigation plan includes a foundation watering system, a separate station shall be dedicated for drip irrigation for the purpose of watering a structure’s foundation.

(i) Master valve. A flow control master valve shall be installed on the discharge side of the backflow prevention device on all new installations.

(j) Check valves. Check valves are required where elevation differences may result in low head drainage. Check valves may be located at the sprinkler head(s) or on the lateral line.

(k) Pop-up heads. Pop-up heads shall be installed at grade level and operated to extend above all landscape turf grass.

(l) PVC pipe primer solvent. All new irrigation systems that are installed using PVC pipe and fittings shall be primed with a colored primer prior to applying the PVC cement in accordance with the International Plumbing Code (Section 605).

(m) Automatic controllers. All new irrigation systems must include an automatic controller capable of providing the following features:

(1) Multiple irrigation programs with at least three start times per program

(2) Limiting the irrigation frequency to once every 7 days and once every 14 days

(3) Water budgeting feature

(n) Operational rain or moisture and freeze shut-off devices or other technology. All new automatically controlled irrigation systems must include operational sensors or other technology designed to inhibit or interrupt operation of the irrigation system during periods of freezing weather and moisture or rainfall.

Freeze and rain or moisture shut-off technology must be installed according to the manufacturer's published recommendations. Repairs to existing automatic irrigation systems that require replacement of an existing controller must include an operational sensor or other technology designed to inhibit or interrupt operation of the irrigation system during periods of freezing weather and moisture or rainfall.

(o) Isolation valve. All new irrigation systems must include an isolation valve between the water meter and the backflow prevention device.

(p) Depth coverage of piping. Piping in all irrigation systems must be installed according to the manufacturer's published specifications for depth coverage of piping.

(1) If the manufacturer has not published specifications for depth coverage of piping, the piping must be installed to provide minimum depth coverage of six inches of select backfill, between the top of the pipe and the natural grade of the topsoil. All portions of the irrigation system that fail to meet this standard must be noted on the irrigation plan. If the area being irrigated has rock at a depth of six inches or less, select backfill may be mounded over the pipe. Mounding must be noted on the irrigation plan and discussed with the irrigation system owner or owner's representative to address any safety issues.

(2) If a utility, man-made structure, or roots create an unavoidable obstacle, which makes the six-inch depth coverage requirement impractical, the piping shall be installed to provide a minimum of two inches of select backfill between the top of the pipe and the natural grade of the topsoil.

(3) All trenches and holes created during installation of an irrigation system must be backfilled and compacted to the original grade.

(q) Wiring irrigation systems.

(1) Underground electrical wiring used to connect an automatic controller to any electrical component of the irrigation system must be listed by Underwriters Laboratories as acceptable for burial underground.

(2) Electrical wiring that connects any electrical components of an irrigation system must be sized according to the manufacturer's recommendation.

(3) Electrical wire splices which may be exposed to moisture must be waterproof as certified by the wire splice manufacturer.

(4) Underground electrical wiring that connects an automatic controller to any electrical component of the irrigation system must be buried with a minimum of six inches of select backfill.

(r) Water contained within the piping of an irrigation system is deemed to be non-potable. No drinking or domestic water usage, such as, but not limited to, filling swimming pools or decorative fountains, shall be connected to an irrigation system. If a hose bib (an outdoor water faucet that has hose threads on the spout) is connected to an irrigation system for the purpose of providing supplemental water to an area, the hose bib must be installed using a quick coupler key on a quick coupler installed in a covered purple valve box and the hose bib and any hoses connected to the bib must be labeled "non-potable, not safe for drinking." An isolation valve must be installed upstream of a quick coupler connecting a hose bib to an irrigation system.

(s) Beginning January 1, 2010, either a licensed irrigator or a licensed irrigation technician shall be on-site at all times while the landscape irrigation system is being installed. When an irrigator is not onsite, the irrigator shall be responsible for ensuring that a licensed irrigation technician is on-site to supervise the installation of the irrigation system.

Completion of Irrigation System Installation

Upon completion of the irrigation system, the irrigator or irrigation technician who provided supervision for the on-site installation shall be required to complete four items:

(1) A final "walk through" with the irrigation system's owner or the owner's representative to explain the operation of the system. The “walk through” shall include a review of the currently programmed, as well as seasonal, watering schedule, maintenance checklist, location of the automatic controller and associated manufacturer’s manual, water meter, isolation valve, backflow preventer, sprinkler heads, drip or pressure compensating tubing irrigation, rain or moisture and freeze shut-off device, and the irrigation plan showing the actual installed system.

(2) The maintenance checklist on which the irrigator or irrigation technician shall obtain the signature of the irrigation system's owner or owner's representative and shall sign, date, and seal the checklist. If the irrigation system's owner or owner's representative is unwilling or unable to sign the maintenance checklist, the irrigator shall note the time and date of the refusal on the irrigation system's owner or owner's representative's signature line. The irrigation system owner or owner's representative will be given the original maintenance checklist and a duplicate copy of the maintenance checklist shall be maintained by the irrigator and provided to the “Building Official”. The items on the maintenance checklist shall include but are not limited to:

(A) Irrigator’s name, license number, company name, telephone number, and the dates of the warranty period.

(B) The manufacturer's manual for the automatic controller;

(C) A seasonal (spring, summer, fall, winter) watering schedule based on either current/real time evapotranspiration or monthly historical reference evapotranspiration (historical ET) data, monthly effective rainfall estimates, plant landscape coefficient factors, and site factors;

(D) A list of components, such as the nozzle, or pump filters, and other such components; that require maintenance and the recommended frequency for the service; and (E) The statement, "This irrigation system has been installed in accordance with all applicable state and local laws, ordinances, rules, regulations or orders. I have tested the system and determined that it has been installed according to the Irrigation Plan and is properly adjusted for the most efficient application of water at this time."

(3) A permanent sticker which contains the irrigator's name, license number, company name, telephone number and the dates of the warranty period shall be affixed to each automatic controller installed by the irrigator or irrigation technician. The information contained on the sticker must be printed with waterproof ink.

(4) The irrigation plan indicating the actual installation of the system and the associated seasonal watering schedule must be provided to the irrigation system's owner or owner representative and to the “Building Official”.

(5) In the event that the irrigation system owner or owner representative is a residential home builder and the new residential home with the associated irrigation system will be sold for the first time to a new homeowner, a copy of the irrigation plan indicating the actual installation of the system and corresponding maintenance checklist must be placed within or attached to the automatic controller. A copy of the irrigation plan and corresponding maintenance checklist must be transferred to the new owner or the new owner’s representative in the event that the irrigation system or the responsibility of management of the irrigation system is sold or transferred. A signed statement from the new owner, or the new owner’s representative, of the irrigation system and the residential home builder, or builder’s representative, stating they have received and transferred, respectively, a copy of the irrigation plan and maintenance checklist must be provided to the “Building Official” within 30 days of the receipt of the irrigation system by the newowner.

Maintenance, Alteration, Repair, or Service of Irrigation Systems

(a) The licensed irrigator is responsible for all work that the irrigator performed during the maintenance, alteration, repair, or service of an irrigation system during the warranty period. The irrigator or business owner is not responsible for the professional negligence of any other irrigator who subsequently conducts any irrigation service on the same irrigation system.

(b) All trenches and holes created during the maintenance, alteration, repair, or service of an irrigation system must be returned to the original grade with compacted select backfill.

(c) Colored PVC pipe primer solvent must be used on all pipes and fittings used in the maintenance, alteration, repair, or service of an irrigation system in accordance with the or the International Plumbing Code (Section 605).

(d) When maintenance, alteration, repair or service of an irrigation system involves excavation work at the water meter or backflow prevention device, an isolation valve shall be installed, if an isolation valve is not present. Reclaimed Water (not utilized by all cities; optional) Reclaimed water may be utilized in landscape irrigation systems if:

(1) There is no direct contact with edible crops, unless the crop is pasteurized before consumption;

(2) The irrigation system does not spray water across property lines that do not belong to the irrigation system's owner;

(3) The irrigation system is installed using purple components;

(4) The domestic potable water line is connected using an air gap or a reduced pressure principle backflow prevention device, in accordance with Title 30, Texas Administrative Code, Section 290.47(i) (relating to Appendices);

(5) A minimum of an eight inch by eight-inch sign, in English and Spanish, is prominently posted on/in the area that is being irrigated, that reads, "RECLAIMED WATER – DO NOT DRINK" and "AGUA DE RECUPERACIÓN – NO BEBER"; and

(6) Backflow prevention on the reclaimed water supply line shall be in accordance with the regulations of the Town’s water provider.

Advertisement Requirements

(a) All vehicles used in the performance of irrigation installation, maintenance, alteration, repair, or service must display the irrigator's license number in the form of "LI_____" in a contrasting color of block letters at least two inches high, on both sides of the vehicle.

(b) All forms of written and electronic advertisements for irrigation services must display the irrigator's license number in the form of "LI_____." Any form of advertisement, including business cards, and estimates which displays an entity's or individual's name other than that of the licensed irrigator must also display the name of the licensed irrigator and the licensed irrigator's license number. Trailers that advertise irrigation services must display the irrigator's license number.

(c) The name, mailing address, and telephone number of the commission must be prominently displayed on a legible sign and displayed in plain view for the purpose of addressing complaints at the permanent structure where irrigation business is primarily conducted, and irrigation records are kept.

Contracts

(a) All contracts to install an irrigation system must be in writing and signed by each party and must specify the irrigator's name, license number, business address, current business telephone numbers, the date that each party signed the agreement, the total agreed price, and must contain the statement, "Irrigation in Texas is regulated by the Texas Commission on Environmental Quality (TCEQ), MC-178, P.O. Box 13087, Austin, Texas 78711-3087. TCEQ's website is: www. tceq.state.tx.us." All contracts must include the irrigator's seal, signature, and date.

(b) All written estimates, proposals, bids, and invoices relating to the installation or repair of an irrigation system(s) must include the irrigator's name, license number, business address, current business telephone number(s), and the statement: "Irrigation in Texas is regulated by the Texas Commission On Environmental Quality (TCEQ) (MC-178), P.O. Box 13087, Austin, Texas 78711-3087. TCEQ's web site is: www.tceq.state.tx.us."

(c) An individual who agrees by contract to provide irrigation services as defined in Title 30, Texas Administrative Code, Section 344.30 (relating to License Required) shall hold an irrigator license issued under Title 30, Texas Administrative Code, Chapter 30 (relating to Occupational Licenses and Registrations) unless the contract is a pass-through contract as defined in Title 30, Texas Administrative Code, Section 344.1(36) (relating to Definitions). If a pass-through contract includes irrigation services, then the irrigation portion of the contract can only be performed by a licensed irrigator. If an irrigator installs a system pursuant to a pass-through contract, the irrigator shall still be responsible for providing the irrigation system's owner or through contract, the irrigator shall still be responsible for providing the irrigation system's owner or owner's representative a copy of the warranty and all other documents required under this chapter. A pass-through contract must identify by name and license number the irrigator that will perform the work and must provide a mechanism for contacting the irrigator for irrigation system warranty work.

(d) The contract must include the dates that the warranty is valid.

Warranties for Systems

(a) On all installations of new irrigation systems, an irrigator shall present the irrigation systems owner or owner's representative with a written warranty covering materials and labor furnished in the new installation of the irrigation system. The irrigator shall be responsible for adhering to terms of the warranty. If the irrigator's warranty is less than the manufacturer's warranty for the system components, then the irrigator shall provide the irrigation system's owner or the owner's representative with applicable information regarding the manufacturer's warranty period. The warranty must include the irrigator's seal, signature, and date. If the warranty is part of an irrigator's contract, a separate warranty document is not required.

(b) An irrigator's written warranty on new irrigation systems must specify the irrigator's name, business address, and business telephone number(s), must contain the signature of the irrigation system's owner or owner's representative confirming receipt of the warranty and must include the statement: "Irrigation in Texas is regulated by the Texas Commission on Environmental Quality (TCEQ), MC-178, P.O. Box 130897, Austin, Texas 78711-3087. TCEQ's website is: www.tceq.state.tx.us."

(c) On all maintenance, alterations, repairs, or service to existing irrigation systems, an irrigator shall present the irrigation system's owner or owner's representative a written document that identifies the materials furnished in the maintenance, alteration, repair, or service. If a warranty is provided, the irrigator shall abide by the terms. The warranty document must include the irrigator's name and business contact information.

Duties and Responsibilities of Town Irrigation Inspectors

A licensed irrigation inspector shall enforce the ordinance of the Town, and shall be responsible for:

(1) Verifying that the appropriate permits have been obtained for an irrigation system and that the irrigator and installer or irrigation technician, if applicable, are licensed;

(2) Inspecting the irrigation system;

(3) Determining that the irrigation system complies with the requirements of this chapter;

(4) Determining that the appropriate backflow prevention device was installed, tested, and test results provided to the Town;

(5) Investigating complaints related to irrigation system installation, maintenance, alteration, repairs, or service of an irrigation system and advertisement of irrigation services; and

(6) Maintaining records according to this chapter.

Items not covered by this ordinance

Any item not covered by this section and required by law shall be governed by the Texas Occupations Code, the Texas Water Code, Title 30 of the Texas Administrative Code, and any other applicable state statute or Texas Commission on Environmental Quality rule.

Section 608.18; change to read as follows:

608.18 Protection of individual water supplies. An individual water supply shall be located and constructed so as to be safeguarded against contamination in accordance with applicable local regulations. Installation shall be in accordance with Sections 608.17.1 through 608.17.8.

Section 703.6; Delete

Section 704.5; added to read as follows:

***704.5* Single stack fittings.** Single stack fittings with internal baffle, PVC schedule 40 or cast iron single stack shall be designed by a registered engineer and comply to a national recognized standard.

Section 712.5; add Section 712.5 to read as follows:

712.5 Dual Pump System. All sumps shall be automatically discharged and, when in any “public use” occupancy where the sump serves more than 10 fixture units, shall be provided with dual pumps or ejectors arranged to function independently in case of overload or mechanical failure. For storm drainage sumps and pumping systems, see Section 1113.

Section 713, 713.1; change to read as follows:

SECTION 713

ENGINEERED DRAINAGE DESIGN

713.1 Design of drainage system. The sizing, design and layout of the drainage system shall be designed by a registered engineer using *approved* design methods.

Section 803.3; added to read as follows:

803.3 Special waste pipe, fittings, and components. Pipes, fittings, and components receiving or intended to receive the discharge of any fixture into which acid or corrosive chemicals are placed shall be constructed of CPVC, high silicone iron, PP, PVDF, chemical resistant glass, or glazed ceramic materials.

Section 903.1; change to read as follows:

903.1 Roof extension. Open vent pipes that extend through a roof shall terminate not less than six (6) inches (152 mm) above the roof. Where a roof is to be used for assembly or as a promenade, observation deck, sunbathing deck or similar purposes, open vent pipes shall terminate not less than 7 feet (2134 mm) above the roof.

Section 918.8; change to read as follows.

918.8 **Where permitted**. Individual, branch and circuit vents shall be permitted to terminate with a connection to an individual or branch-type air admittance valve in accordance with Section 918.3.1. Stack vents and vent stacks shall be permitted to terminate to stack-type air admittance valves in accordance with Section 918.3.2. Air admittance valves shall only be installed with the prior approval of the building official.

Section 1003; see note below:

{Until the Health and Water Departments of the area can coordinate a uniform grease interceptor section, each city will have to modify this section individually.}

Section 1106.1; change to read as follows:

1106.1 General. The size of the vertical conductors and leaders, building storm drains, building storm sewers, and any horizontal branches of such drains or sewers shall be based on six (6) inches per hour rainfall rate.

Section 1108.3; change to read as follows:

1108.3 Sizing of secondary drains. Secondary (emergency) roof drain systems shall be sized in accordance with Section 1106 Scuppers shall be sized to prevent the depth of ponding water from exceeding that for which the roof was designed as determined by Section 1101.7. Scuppers shall not have an opening dimension of less than 4 inches (102 mm). The flow through the primary system shall not be considered when sizing the secondary roof drain system.

Section 1109; delete this section.

Section 1202.1; delete Exceptions 1 and 2.

END

EXHIBIT "D"
Town of Shady Shores Amendments to the 2017 National Electrical Code (NFPA 70)

Article 100; add the following to definitions:

Engineering Supervision. Supervision by a Qualified State of Texas Licensed Professional Engineer engaged primarily in the design or maintenance of electrical installations.

Article 110.2; change the following to read as follows:

110.2 Approval. The conductors and equipment required or permitted by this *Code* shall be acceptable only if approved. Approval of equipment may be evident by listing and labeling of equipment by a Nationally Recognized Testing Lab (NRTL) with a certification mark of that laboratory or a qualified third-party inspection agency approved by the AHJ.

Exception: Unlisted equipment that is relocated to another location within a jurisdiction or is field modified is subject to the approval by the AHJ. This approval may be by a field evaluation by a NRTL or qualified third-party inspection agency approved by the AHJ.

Article 230.70 (A) amend exception to read as follows:

(1) Readily Accessible Location. The service disconnecting means shall be installed at a readily accessible location outside of a building or structure nearest the point of entrance of the service conductors.

Article 500.8 (A) (3); change to read as follows:

500.8 Equipment.

Articles 500 through 504 require equipment construction and installation that ensure safe performance under conditions of proper use and maintenance.

Informational Note No. 1: It is important that inspection authorities and users exercise more than ordinary care with regard to installation and maintenance.

Informational Note No. 2: Since there is no consistent relationship between explosion properties and ignition temperature, the two are independent requirements.

Informational Note No. 3: Low ambient conditions require special consideration. Explosion proof or dust-ignition proof equipment may not be suitable for use at temperatures lower than -25°C

(-13°F) unless they are identified for low-temperature service. However, at low ambient temperatures, flammable concentrations of vapors may not exist in a location classified as Class I, Division 1 at normal ambient temperature.

(A) Suitability. Suitability of identified equipment shall be determined by one of the following:

(1) Equipment listing or labeling;

(2) Evidence of equipment evaluation from a qualified testing laboratory or inspection agency concerned with product evaluation; or,

(3) Evidence acceptable to the authority having jurisdiction such as a manufacturer's self-evaluation or an engineering judgment signed and sealed by a qualified licensed Professional Engineer in the State of Texas.

Article 505.7 (A) changed to read as follows:

505.7 Special Precaution.

Article 505 requires equipment construction and installation that ensures safe performance under conditions of proper use and maintenance.

Informational Note No. 1: It is important that inspection authorities and users exercise more than ordinary care with regard to the installation and maintenance of electrical equipment in hazardous (classified) locations.

Informational Note No. 2: Low ambient conditions require special consideration. Electrical equipment depending on the protection techniques described by 505.8(A) may not be suitable for use at temperatures lower than -20°C (-4°F) unless they are identified for use at lower temperatures. However, at low ambient temperatures, flammable concentrations of vapors may not exist in a location classified Class I, Zones 0, 1, or 2 at normal ambient temperature.

(A) Implementation of Zone Classification System. Classification of areas, engineering and design, selection of equipment and wiring methods, installation, and inspection shall be performed by a qualified licensed Professional Engineer in the State of Texas.

Article 600.6(A) (1) At Point of Entry to a Sign; Exception 1 changed to read as follows:

Exception No.1: A disconnect shall not be required for branch circuits(s) or feeder conductor(s) passing through the sign where enclosed in a Chapter 3 listed raceway or metal-jacketed cable identified for the location. The conductor(s) shall not serve the sign body or sign enclosure where passing through.

Article 600.6(A) (1) At Point of Entry to a Sign; create a new Exception No. 2 to add the following language:

Exception No. 2. A disconnect shall not be required at the point of entry to a sign body, sign enclosure, or pole for branch circuit conductor(s). The conductors shall be enclosed in a Chapter 3 listed raceway or metal-jacketed cable identified for the location. The conductor(s) shall be routed to a device box which contains the disconnect. A field-applied permanent warning label that is visible during servicing shall be applied to the raceway at or near the point of entry into the sign enclosure or sign body. The warning label shall comply with 110.21(B) and state the following: “Danger. This raceway contains energized conductors.” The marking shall include the location of the disconnecting means for the energized conductor(s). The disconnecting means shall be capable of being locked in the open position in accordance with 110.25.

Article 600.6(A) (1) At Point of Entry to a Sign; move the original Exception 2 to create a new Exception No. 3 and add the following language:

Exception No. 3: A disconnect shall not be required at the point of entry to a sign enclosure or sign body for branch circuit(s) or feeder conductor(s) that supply an internal panelboard(s) in a sign enclosure or sign body. The conductors shall be enclosed in a Chapter 3 listed raceway or metal-jacketed cable identified for the location. A field-applied permanent warning label that is visible during servicing shall be applied to the raceway at or near the point of entry into the sign enclosure or sign body. The warning label shall comply with 110.21(B) and state the following: “Danger. This raceway contains energized conductors.” The marking shall include the location of the disconnecting means for the energized conductor(s). The disconnecting means shall be capable of being locked in the open position in accordance with 110.25.

END

EXHIBIT "E"
Town of Shady Shores
Amendments to the 2018
International Mechanical Code

Section 102.8; change to read as follows:

102.8 Referenced Codes and Standards. The codes and standards referenced herein shall be those that are listed in Chapter 15 and such codes, when specifically adopted, and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between provisions of this code and the referenced standards, the provisions of this code shall apply. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the adopted amendments. Any reference to NFPA 70 or the *National Electrical Code* (NEC) shall mean the Electrical Code as adopted.

306.3; change to read as follows:

306.3 Appliances in Attics. Attics containing appliances shall be provided *. . . {bulk of paragraph unchanged} . . .* side of the appliance. The clear *access* opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), or larger where such dimensions are not large enough to allow removal of the largest appliance. A walkway to an appliance shall be rated as a floor as approved by the building official. As a minimum, for *access* to the attic space, provide one of the following:

1. A permanent stair.

2. A pull down stair with a minimum 300 lb. (136 kg) capaTown.

3. An *access* door from an upper floor level.

4. *Access* Panel may be used in lieu of items 1, 2, and 3 with prior approval of the code official due to building conditions.

   Exceptions:

   1. The passageway and level service space are not required where the appliance is capable of being serviced and removed… *{remainder of section unchanged}*

Section 306.5; change to read as follows:

306.5 Equipment and Appliances on Roofs or Elevated Structures. Where *equipment* requiring *access* or appliances are located on an elevated structure or the roof of a building such that personnel will have to climb higher than 16 feet (4877 mm) above grade to access, a permanent interior or exterior means of access shall be provided. Permanent exterior ladders providing roof *access* need not extend closer than 12 feet (2438 mm) to the finish grade or floor level below and shall extend to the *equipment* and appliances' level service space. Such *access* shall . . . *{bulk of section to read the same}* . . . on roofs having a slope greater than 4 units vertical in 12 units horizontal (33-percent slope) *{bulk of section to read the same}*.

Section 306.5.1; change to read as follows:

306.5.1 Sloped Roofs. Where appliances, *equipment*, fans or other components that require service are installed on a roof having a slope of 3 units vertical in 12 units horizontal (25-percent slope) or greater and having an edge more than 30 inches (762 mm) above grade at such edge, a catwalk at least 16 inches in width with substantial cleats spaced not more than 16 inches apart shall be provided from the roof *access* to a level platform at the appliance. The level platform shall be provided on each side of the appliance to which *access* is required for service, repair or maintenance. The platform shall be not less than 30 inches

(762 mm) in any dimension and shall be provided with guards. The guards shall extend not less than 42 inches (1067 mm) above the platform, shall be constructed so as to prevent the passage of a 21-inch-diameter (533 mm) sphere and shall comply with the loading requirements for guards specified in the *International Building Code*.

Section 306; add Section 306.6 to read as follows:

306.6 Water Heaters Above Ground or Floor. When the mezzanine or platform in which a water heater is installed is more than eight (8) feet (2438 mm) above the ground or floor level, it shall be made accessible by a stairway or permanent ladder fastened to the building.

Exception: A maximum 10 gallon water heater (or larger with approval) is capable of being accessed through a lay-in ceiling and the water heater installed is not more than ten (10) feet (3048 mm) above the ground or floor level and may be reached with a portable ladder.

Section 307.2.3; amend item 2 to read as follows:

2. A separate overflow drain line shall be connected to the drain pan provided with the equipment. Such overflow drain shall discharge to a conspicuous point of disposal to alert occupants in the event of a stoppage of the primary drain. The overflow drain line shall connect to the drain pan at a higher level than the primary drain connection. However, the conspicuous point shall not create a hazard such as dripping over a walking surface or other areas so as to create a nuisance.

Section 403.2.1; add an item 5 to read as follows:

5. Toilet rooms within private dwellings that contain only a water closet, lavatory, or combination thereof may be ventilated with an *approved* mechanical recirculating fan or similar device designed to remove odors from the air.

Section 501.3; add an exception to read as follows:

501.3 Exhaust Discharge. The air removed by every mechanical exhaust system shall be discharged outdoors at a point where it will not cause a public nuisance and not less than the distances specified in Section 501.3.1. The air shall be discharged to a location from which it cannot again be readily drawn in by a ventilating system. Air shall not be exhausted into an attic, crawlspace, or be directed onto walkways.

Exceptions:

1. Whole-house ventilation-type attic fans shall be permitted to discharge into the attic space of dwelling units having private attics.

2. Commercial cooking recirculating systems.

3. Where installed in accordance with the manufacturer's instructions and where mechanical or natural ventilation is otherwise provided in accordance with Chapter 4, listed and labeled domestic ductless range hoods shall not be required to discharge to the outdoors.

4. Toilet room exhaust ducts may terminate in a warehouse or shop area when infiltration of outside air is present.

Section 607.5.1; change to read as follows:

607.5.1 Fire Walls. Ducts and air transfer openings permitted in fire walls in accordance with Section 705.11 of the International Building Code shall be protected with listed fire dampers installed in accordance with their listing**.** For hazardous exhaust systems see Section 510.1-510.9 IMC.

END

EXHIBIT F

RESERVED

EXHIBIT "G"
Town of Shady Shores
Amendments to the 2018
International Residential Code

Section 101.1 amend to insert:

Town of Shady Shores, Texas

Section R102.4; change to read as follows:

R102.4 Referenced codes and standards. The *codes*, when specifically adopted, and standards referenced in this *code* shall be considered part of the requirements of this *code* to the prescribed extent of each such reference and as further regulated in Sections R102.4.1 and R102.4.2. Whenever amendments have been adopted to the referenced *codes* and standards, each reference to said *code* and standard shall be considered to reference the amendments as well. Any reference made to NFPA 70 or the *Electrical Code* shall mean the *Electrical Code* as adopted.

Section R103 and R103.1 amend to insert the Department Name

R103.1 Creation of enforcement agency. The ~~Department of Building Safety~~ ***Department of Planning and Development*** and the official in charge of Code administration shall be known as the *building official*.

Section R104.10.1 Flood Hazard areas; delete this section.

Section R105.3.1.1& R106.1.4; delete these sections.

Section R110 (R110.1 through R110.5); delete the section.

Section R202; change definition of "Townhouse" to read as follows:

TOWNHOUSE. A single-family dwelling unit constructed in a group of three or more attached units separated by property lines in which each unit extends from foundation to roof and with a *yard* or *public way* on at least two sides.

Table R301.2 (1); fill in as follows:

GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY[f]	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP[e]	ICE BARRIER UNDER-LAYMENT[h]	FLOOD HAZARDS[g]	AIR FREEZING INDEX[i]	MEAN ANNUAL TEMP[j]
	SPEED[d] (MPH)	Topographic Effects[k]	Special Region[L]	Windborne Debris Zone[m]		Weathering[a]	Frost Line Depth[b]	Termite[c]					
5 lb/ft	115 (3 sec-gust)/ 76 fastest mile	No	No	No	A	Moderate	6"	Very Heavy	22[0] F	No	Local Code	150	64.9[0] F

Delete remainder of table Manual J Design Criteria and footnote N

Section R302.1; add exception #6 to read as follows:

Exceptions: *{previous exceptions unchanged}*

6. Open non-combustible carport structures may be constructed when also approved within adopted ordinances.

Section R302.3; add Exception #3 to read as follows:

Exceptions:

1. {*existing text unchanged}*
2. {existing text unchanged}
3. Two-family dwelling units that are also divided by a property line through the structure shall be separated as required for townhouses.

Section R302.5.1; change to read as follows:

R302.5.1 Opening protection. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 13/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 13/8 inches (35 mm) thick, or 20-minute fire-rated doors

Section R303.3, Exception; amend to read as follows:

Exception: {existing text unchanged**}** Spaces containing only a water closet or water closet and a lavatory may be ventilated with an approved mechanical recirculating fan or similar device designed to remove odors from the air.

Section R313.2 One and Two Family Dwellings; Delete this section and subsection in their entirety.

(Reason: In 2009, the State Legislature enacted SB 1410 prohibiting cities from enacting fire sprinkler mandates in residential dwellings. However, jurisdictions with ordinances that required sprinklers for residential dwellings prior to and enforced before January 1, 2009, may remain in place.*)*

Section R315.2.2 Alterations, repairs and additions; amend to read as follows:

Exception:
1. [existing text remains]
2. Installation, alteration or repairs of all electrically powered mechanical systems or plumbing appliances.

Section R322 Flood Resistant Construction; deleted section.

Section R401.2; amended by adding a new paragraph following the existing paragraph to read as follows.

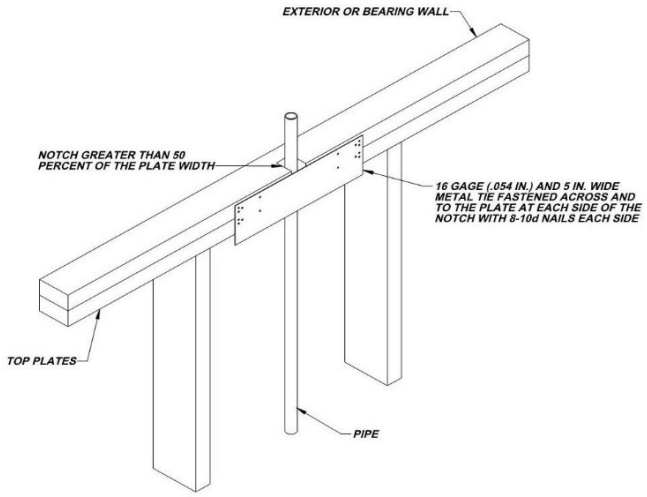
Section R401.2. Requirements. *{existing text unchanged} …*

Every foundation and/or footing, or any size addition to an existing post-tension foundation, regulated by this code shall be designed and sealed by a Texas-registered engineer.

Section R602.6.1; amend the following:

R602.6.1 Drilling and notching of top plate. When piping or ductwork is placed in or partly in an exterior wall or interior load-bearing wall, necessitating cutting, drilling or notching of the top plate by more than 50 percent of its width, a galvanized metal tie not less than 0.054 inch thick (1.37 mm) (16 Ga) and 5 inches (127 mm) wide shall be fastened across and to the plate at each side of the opening with not less than eight 10d (0.148 inch diameter) having a minimum length of 1 ½ inches (38 mm) at each side or equivalent. Fasteners will be offset to prevent splitting of the top plate material. The metal tie must extend a minimum of 6 inches past the opening. See figure R602.6.1. {remainder unchanged}

Figure R602.6.1; delete the figure and insert the following figure:



Add section R703.8.4.1.2 Veneer Ties for Wall Studs; to read as follows:

R703.8.4.1.2 Veneer Ties for Wall Studs. In stud framed exterior walls, all ties may be anchored to studs as follows:

1. When studs are 16 in (407 mm) o.c., stud ties shall be spaced no further apart than 24 in (737 mm) vertically starting approximately 12 in (381 mm) from the foundation; or

2. When studs are 24 in (610 mm) o.c., stud ties shall be spaced no further apart than 16 in (483 mm) vertically starting approximately 8 in (254 mm) from the foundation.

Section R902.1; amend and add exception #5 to read as follows:

R902.1 Roofing covering materials. Roofs shall be covered with materials as set forth in Sections R904 and R905. Class A, B, or C roofing shall be installed *{remainder unchanged}*

Exceptions:

1. *{text unchanged}*
2. *{text unchanged}*
3. *{text unchanged}*
4. *{text unchanged}*

5. Non-classified roof coverings shall be permitted on one-story detached *accessory structures* used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed (area defined by jurisdiction).

Chapter 11 [RE] – Energy Efficiency is deleted in its entirety; Reference the 2018 IECC for energy code provisions and recommended amendments.

Section M1305.1.2; change to read as follows:

M1305.1.2 Appliances in attics. *Attics containing appliances shall be provided . . . {bulk of paragraph unchanged} . . . side of the appliance. The clear access opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), and large enough to allow removal of the largest appliance. As a minimum, for access to the attic space, provide one of the following:*

9. A permanent stair.

10. A pull down stair with a minimum 300 lb (136 kg) capaTown.

11. An *access* door from an upper floor level.

Exceptions:

1. The passageway and level service space are not required where the *appliance* can be serviced and removed through the required opening.

2. Where the passageway is unobstructed…*{remaining text unchanged}*

Section M1411.3; change to read as follows:

M1411.3 Condensate disposal. Condensate from all cooling coils or evaporators shall be conveyed from the drain pan outlet to a sanitary sewer through a trap, by means of a direct or indirect drain. *{remaining text unchanged}*

Section M1411.3.1, Items 3 and 4; add text to read as follows:

M1411.3.1 Auxiliary and secondary drain systems. *{bulk of paragraph unchanged}*

1. *{text unchanged}*

2. *{text unchanged}*

3. An auxiliarydrain pan… *{bulk of text unchanged}*… with Item 1 of this section. A water level detection device may be installed only with prior approval of the *building official*.

4. A water level detection device… *{bulk of text unchanged}…* overflow rim of such pan. Awater level detection device may be installed only with prior approval of the *building official*.

Section M1411.3.1.1; add text to read as follows:

M1411.3.1.1 Water-level monitoring devices. On down-flow units …*{bulk of text unchanged}*… installed in the drain line. A water level detection device may be installed only with prior approval of the *building official.*

M1503.6 Makeup Air Required; amend and add exception as follows:

M1503.6 Makeup air required. Where one or more gas, liquid or solid fuel-burning appliance that is neither direct-vent nor uses a mechanical draft venting system is located within a dwelling unit's air barrier, each exhaust system capable of exhausting in excess of 400 cubic feet per minute (0.19 m^3/s) shall be mechanically or passively provided with makeup air at a rate approximate to the difference between exhaust air rate and 400 cubic feet per minute. Such makeup air systems shall be equipped with not fewer than one damper complying with Section M1503.6.2.

Exception*:* Makeup air is not required for exhaust systems installed for the exclusive purpose of space cooling and intended to be operated only when windows or other air inlets are open**.** Where all appliances in the house are of sealed combustion, power-vent, unvented, or electric, the exhaust hood system shall be permitted to exhaust up to 600 cubic feet per minute (0.28 m3/s) without providing makeup air. Exhaust hood systems capable of exhausting in excess of 600 cubic feet per minute (0.28 m3/s) shall be provided with a makeup air at a rate approximately to the difference between the exhaust air rate and 600 cubic feet per minute.

Section M2005.2; change to read as follows:

M2005.2 Prohibited locations. Fuel-fired water heaters shall not be installed in a room used as a storage closet. Water heaters located in a bedroom or bathroom shall be installed in a sealed enclosure so that *combustion air* will not be taken from the living space. Access to such enclosure may be from the bedroom or bathroom when through a solid door, weather-stripped in accordance with the exterior door air leakage requirements of the *International Energy Conservation Code* and equipped with an *approved* self-closing device. Installation of direct-vent water heaters within an enclosure is not required.

Section G2408.3 (305.5)Private Garages; delete this section in its entirety.

Section G2415.2.1 (404.2.1) CSST; add a second paragraph to read as follows:

Both ends of each section of medium pressure gas piping shall identify its operating gas pressure with an *approved* tag. The tags are to be composed of aluminum or stainless steel and the following wording shall be stamped into the tag:

"WARNING: 1/2 to 5 psi gas pressure - Do Not Remove"

Section G2415.12 (404.12) and G2415.12.1 (404.12.1); change to read as follows:

G2415.12 (404.12) Minimum burial depth. Underground *piping systems* shall be installed a minimum depth of 18 inches (457 mm) below grade.

G2415.12.1 (404.12.1) Individual Outdoor Appliances; Delete in its entirety

Section G2417.1 (406.1); change to read as follows:

G2417.1 (406.1) General. Prior to acceptance and initial operation, all *piping* installations shall be inspected and *pressure tested* to determine that the materials, design, fabrication, and installation practices comply with the requirements of this *code*. The *permit* holder shall make the applicable tests prescribed in Sections 2417.1.1 through 2417.1.5 to determine compliance with the provisions of this *code*. The *permit* holder shall give reasonable advance notice to the *building official* when the *piping system* is ready for testing. The *equipment*, material, power and labor necessary for the inspections and test shall be furnished by the *permit* holder and the *permit* holder shall be responsible for determining that the work will withstand the test pressure prescribed in the following tests.

Section G2417.4; change to read as follows:

G2417.4 (406.4) Test pressure measurement. Test pressure shall be measured with a monometer or with a pressure-measuring device designed and calibrated to read, record, or indicate a pressure loss caused by leakage during the pressure test period. The source of pressure shall be isolated before the pressure tests are made.

Section G2417.4.1; change to read as follows:

G2417.4.1 (406.4.1) Test pressure. The test pressure to be used shall be no less than 3 psig (20 kPa gauge), or at the discretion of the Code Official, the piping and valves may be tested at a pressure of at least six (6) inches (152 mm) of mercury, measured with a manometer or slope gauge, For tests requiring a pressure of 3 psig, diaphragm gauges shall utilize a dial with a minimum diameter of three and one half inches (3 ½"), a set hand, 1/10 pound incrementation and pressure range not to exceed 6 psi for tests requiring a pressure of 3 psig. For tests requiring a pressure of 10 psig, diaphragm gauges shall utilize a dial with a minimum diameter of three and one-half inches (3 ½"), a set hand, a minimum of 2/10 pound incrementation and a pressure range not to exceed 20 psi. For welded piping, and for piping carrying gas at pressures in excess of fourteen (14) inches water column pressure (3.48 kPa) (1/2 psi) and less than 200 inches of water column pressure (52.2 kPa) (7.5 psi), the test pressure shall not be less than ten (10) pounds per square inch (69.6 kPa). For piping carrying gas at a pressure that exceeds 200 inches of water

column (52.2 kPa) (7.5 psi), the test pressure shall be not less than one and one-half times the proposed maximum working pressure.

Diaphragm gauges used for testing must display a current calibration and be in good working condition. The appropriate test must be applied to the diaphragm gauge used for testing

Section G2417.4.2; change to read as follows:

G2417.4.2 (406.4.2) Test duration. The test duration shall be held for a length of time satisfactory to the *Building Official*, but in no case for less than fifteen (15) minutes. For welded *piping*, and for *piping* carrying gas at pressures in excess of fourteen (14) inches water column pressure (3.48 kPa), the test duration shall be held for a length of time satisfactory to the *Building Official*, but in no case for less than thirty (30) minutes.

Section G2420.1 (406.1); add Section G2420.1.4 to read as follows:

G2420.1.4 Valves in CSST installations. Shutoff *valves* installed with corrugated stainless steel (CSST) *piping systems* shall be supported with an approved termination fitting, or equivalent support, suitable for the size of the *valves*, of adequate strength and quality, and located at intervals so as to prevent or damp out excessive vibration but in no case greater than 12-inches from the center of the *valve*. Supports shall be installed so as not to interfere with the free expansion and contraction of the system's *piping*, fittings, and *valves* between anchors. All *valves* and supports shall be designed and installed so they will not be disengaged by movement of the supporting *piping*.

Section G2420.5.1 (409.5.1); add text to read as follows:

G2420.5.1 (409.5.1) Located within the same room. The shutoff valve…*{bulk of paragraph unchanged}…* in accordance with the appliance manufacturer's instructions. A secondary shutoff valve must be installed within 3 feet (914 mm) of the firebox if appliance shutoff is located in the firebox.

Section G2421.1 (410.1); add text and Exception to read as follows:

G2421.1 (410.1) Pressure regulators. A line *pressure regulator* shall be *… {bulk of paragraph unchanged}… approved* for outdoor installation. Access to *regulators* shall comply with the requirements for access to *appliances* as specified in Section M1305.

> **Exception:** A passageway or level service space is not required when the *regulator* is capable of being serviced and removed through the required *attic* opening.

Section G2422.1.2.3 (411.1.3.3) Prohibited locations and penetrations; delete Exception 1 and Exception 4.

Section G2445.2 (621.2); add Exception to read as follows:

G2445.2 (621.2) Prohibited use. One or more *unvented room heaters* shall not be used as the sole source of comfort heating in a *dwelling unit*.

> **Exception:** Existing *approved unvented room heaters* may continue to be used in *dwelling units*, in accordance with the *code* provisions in effect when installed, when *approved* by the *Building Official* unless an unsafe condition is determined to exist as described in *International Fuel Gas Code* Section 108.7 of the Fuel Gas Code.

Section G2448.1.1 (624.1.1); change to read as follows:

G2448.1.1 (624.1.1) Installation requirements. The requirements for *water heaters* relative to access, sizing, *relief valves*, drain pans and scald protection shall be in accordance with this *code.*

Section P2603; add to read as follows:

P2603.3 Protection against corrosion. Metallic piping, except for cast iron, ductile iron and galvanized steel, shall not be placed in direct contact with steel framing members, concrete or cinder walls and floors or other masonry. Metallic piping shall not be placed in direct contact with corrosive soil. Where sheathing is used to prevent direct contact, the sheathing shall have a thickness of not less than 0.008 inch (8 mil) (0.203 mm) and the sheathing shall be made of approved material. Where sheathing protects piping that penetrates concrete or masonry walls or floors, the sheathing shall be installed in a manner that allows movement of the piping within the sheathing.

Section P2603.5.1 Sewer Depth; change to read as follows:

P2603.5.1 Sewer depth. Building sewers that connect to private sewage disposal systems shall be a minimum of [number] inches (mm) below finished grade at the point of septic tank connection. Building sewers shall be a minimum of 12 inches (304 mm) below grade.

Section P2604; add to read as follows:

P2604.2.1 Plastic sewer and DWV piping installation. Plastic sewer and DWV piping installed underground shall be installed in accordance with the manufacturer's installation instructions. Trench width shall be controlled to not exceed the outside the pipe diameter plus 16 inches or in a trench which has a controlled width equal to the nominal diameter of the piping multiplied by 1.25 plus 12 inches. The piping shall be bedded in 4 inches of granular fill and then backfilled compacting the side fill in 6-inch layers on each side of the piping. The compaction shall be to minimum of 85 percent standard proctor density and extend to a minimum of 6 inches above the top of the pipe.

Section P2801; change to read as follows:

P2801.6 Required pan.
Where a storage tank-type water heater or a hot water storage tank is installed in a location where water leakage from the tank will cause damage, the tank shall be installed in a pan constructed of one of the following:

1. Galvanized steel or aluminum of not less than 0.0236 inch (0.6010 mm) in thickness.
2. Plastic not less than 0.036 inch (0.9 mm) in thickness.
3. Other *approved* materials.

Section P2801.6.1; change to read as follows:

Section P2801.6.1 Pan size and drain. The pan shall be not less than 11/2 inches (38 mm) in depth and shall be of sufficient size and shape to receive all dripping or condensate from the tank or water heater. The pan shall be drained by an indirect waste pipe having a diameter of not less than 3/4 inch (19 mm). Piping for safety pan drains shall be of those materials listed in Table P2906.5.
Multiple pan drains may terminate to a single discharge piping system when *approved* by the administrative authority and permitted by the manufactures installation instructions and installed with those instructions.
{*existing text unchanged}*

Section P2804.6.1; change to read as follows:

Section P2804.6.1 Requirements for discharge piping. The discharge piping serving a pressure relief valve, temperature relief valve or combination thereof shall:

1. Not be directly connected to the drainage system.

2. Discharge through an air gap

3. Not be smaller than the diameter of the outlet of the valve served and shall discharge full size to the air gap.

4. Serve a single relief device and shall not connect to piping serving any other relief device or equipment.

   Exception: Multiple relief devices may be installed to a single T & P discharge piping system when approved by the administrative authority and permitted by the manufactures installation instructions and installed with those instructions.

5. Discharge to an approved location or to the outdoors.

   [remainder unchanged]

Section P2902.5.3; change to read as follows:

P2902.5.3 Lawn irrigation systems. The potable water supply to lawn irrigation systems shall be protected against backflow by an atmospheric-type vacuum breaker, a pressure-type vacuum breaker, a double-check assembly or a reduced pressure principle backflow preventer. A valve shall not be installed downstream from an atmospheric vacuum breaker. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principle backflow preventer.

Section P3003.9; change to read as follows:

P3003.9.2 Solvent cementing. Joint surfaces shall be clean and free from moisture. A purple primer that conforms to ASTM F 656 shall be applied. Solvent cement not purple in color and conforming to ASTM D 2564, CSA B137.3, CSA B181.2 or CSA B182.1 shall be applied to all joint surfaces. The joint shall be made while the cement is wet and shall be in accordance with ASTM D 2855. Solvent cement joints shall be permitted above or below ground.

Section P3111Combination waste and vent systems; delete this section in its entirety.

Section P3112.2 Vent Collection; delete and replace with the following:

P3112.2 Installation. Traps for island sinks and similar equipment shall be roughed in above the floor and may be vented by extending the vent as high as possible, but not less than the drainboard height and then returning it downward and connecting it to the horizontal sink drain immediately downstream from the vertical fixture drain. The return vent shall be connected to the horizontal drain through a wye-branch fitting and shall, in addition, be provided with a foot vent taken off the vertical fixture vent by means of a wye-branch immediately below the floor and extending to the nearest partition and then through the roof to the open air or may be connected to other vents at a point not less than six (6) inches (152 mm) above the flood level rim of the fixtures served. Drainage fittings shall be used on all parts of the vent below the floor level and a minimum slope of one-quarter (1/4) inch per foot (20.9 mm/m) back to the drain shall be maintained. The return bend used under the drain-board shall be a one (1) piece fitting or an assembly of a forty-five (45) degree (0.79 radius), a ninety (90) degree (1.6 radius) and a forty-five (45) degree (0.79 radius) elbow in the order named. Pipe sizing shall be as elsewhere required in this Code. The island sink drain, upstream of the return vent, shall serve no other fixtures. An accessible cleanout shall be installed in the vertical portion of the foot vent.

Section E3601.6.2; change to read as follows:

Section E3601.6.2 Service Disconnect Location. The service disconnecting means shall be installed at a readily accessible location outside the building nearest the point of entrance of the service conductors. {Remainder of section unchanged}

Chapter 44 – Referenced Standards; *add:*

ASTM – F 537 -01 – Standard Specification for Design, Fabrication, and Installation of Fences Constructed of Wood or Related Materials

ASTM – F 537 -14 – Standard Specification for Design, Fabrication, and Installation of Fences Constructed of Chain Link or Related Materials

EXHIBIT "H"
Town of Shady Shores
Amendments to the
2018 International Property Maintenance Code

Section 101.1; amend to read as follows:

101.1 Title. These Regulations shall be known as the International Property Maintenance Code of the Town of Shady Shores, hereinafter referred to as "this code".

Section 103; amend title to read as follows:

SECTION 103
CODE ENFORCEMENT DIVISION

Section 103.1; amend to read as follows:

103.1 Creation of enforcement agency. The Code Enforcement Division is hereby created and the official in charge thereof shall be known as the code official.

Section 103.5; amend to read as follows:

103.5 Fees. The fees for activities and services performed by the department in carrying out its responsibilities under this code shall be as indicated in the schedule set forth inShady Shores Code of Fee Ordinance.

Section 106.2; amend to read as follows:

106.2 Notice of Violation. Whenever the code official determines that there has been a violation of this code or has grounds to believe that a violation has occurred, the code official is authorized to serve a notice of violation or order on the person. Such order shall direct the discontinuance of the illegal action or condition and the abatement of the violation.

Exception: Citations for violations of this code may be issued without requiring the issuance of a notice.

Section 106.3; amend to read as follows:

106.3 Prosecution of violation. If a notice of violation is issued and is not complied with in the time prescribed by such notice, the code official is authorized to request the legal counsel of the jurisdiction to institute the appropriate proceedings at law or in equity to restrain, correct or abate such violation, or to require the removal or termination of the unlawful occupancy of the structure in violation of the provisions of this code or of the order or direction made pursuant hereto.

Section 107; Delete entire section

Section 108; Delete entire section

Section 111.1; amend to read as follows:

111.1 Application of appeal. Any person directly affected by a decision of the code official or a notice or order issued under this code shall have the right to appeal to the Municipal Court of the Town of Shady Shores, provided that a written application for appeal is filed within 20 days after the day the decision, notice, or order was served. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or the requirements of this code are adequately satisfied by other means.

Section 111.2 – 111.3; Delete.

Section 111.4; amend to read as follows:

111.4 Open hearing. All hearings before the Municipal Court are open to the public. The appellant, the appellant's representative, the code official and any person whose interests are affected shall be given an opportunity to be heard.

Section 111.4.1; Delete entire section

Section 111.5; Delete entire section

Section 111.6; amend to read as follows:

111.6 Town Council decision. The Town Council may modify or reverse the decision of the code official by majority vote. The code official shall take immediate action in accordance with the decision of the Town Council.

Section 111.6.1; Delete entire section

Section 111.6.2; Delete entire section

Section 111.7; amend to read as follows:

111.7 Court review. Any person, whether or not a previous party of the appeal, shall have the right to apply to the appropriate court for a writ of certiorari to correct errors of law. Application for review shall be made in the manner and time required by law following the filing of the decision in the office of the Town secretary of the Town of Shady Shores.

Section 112.4; amend to read as follows:

112.4 Failure to comply. Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable for a fine of up to $2,000 dollars per offense, per day.

Section 302.4; delete.

Section 303; delete entire section.

Section 304.14; amend to read as follows:

304.14 Insect screens. Every door, window and other outside opening required for ventilation of habitable rooms, food preparation areas, food service areas or any area where products to be included or utilized in food for human consumption are processed, manufactured, packaged or stored shall be supplied with approved tightly fitting screens of minimum 16 mesh per inch (16 mesh per 25 mm) and every screen door used for insect control shall have a self-closing device in good working condition.

Exception: Screens shall not be required where other approved means, such as air curtains or insect repellent fans, are employed.

Section 308; delete entire section.

Section 602.2; amend to read as follows:

602.2 Residential Occupancies. Dwellings shall be provided with heating facilities capable of maintaining a room temperature of 68°F (20°C) in all habitable rooms, bathrooms and toiletroom.

Section 602.3; amend to read as follows:
602.3 Heat supply. Every owner and operator of any building who rents, leases, or lets one or more dwelling units or sleeping units on terms, either expressed or implied, to furnish heat to the occupants thereof shall supply heat to maintain a minimum temperature of 68°F (20°C)in all habitable rooms, bathrooms and toilet rooms.

Exceptions: Deleted

Section 602.4; amend to read as follows:

602.4 Occupiable work spaces. Indoor occupiable work spaces shall be supplied with heat to maintain a minimum temperature of 65°F (18°C) during the period the spaces are occupied.

Exceptions:

1. Processing, storage and operation areas that require cooling or special temperature conditions.

2. Areas in which persons are primarily engaged in vigorous physical activities.

Section 602.5; amend to read as follows:

602.5 Room temperature measurement. The required room temperatures shall be measured 3 feet (914 mm) above the floor near the center of the room and 2 feet (610 mm) inward from the center of each exterior wall.

END

EXHIBIT “I”

RESERVED:

EXHIBIT "J"
Town of Shady Shores
Amendments to the
2018 International Swimming Pool & Spa Code

Section 102.9; Change to read as follows:

Section 102.9 Other laws. The provisions of this code shall not be deemed to nullify any provisions of local, state or federal law, to include but not limited to;

1. Texas Department of State Health Services (TDSHS); *Standards for Public Pools and Spas;* §285.181 through §285.208, (TDSHS rules do not apply to pools serving one- and two-family dwellings or townhouses).
2. *Texas Department of Licensing and Regulation (TDLR); 2012 Texas Accessibility Standards (TAS*), TAS provide the scoping and technical requirements for accessibility for Swimming Pool, wading pools and spas and shall comply with *2012 TAS, Section 242.* (TAS rules do not apply to pools serving one- and two-family dwellings or townhouses).

Exception: Elements regulated under Texas Department of Licensing and Regulation (TDLR) and built in accordance with TDLR approved plans, including any variances or waivers granted by the TDLR, shall be deemed to be in compliance with the requirements of this Chapter.

Section 103.1; Change to read as follows:

Section 103.1 Creation of enforcement agency. The Department of Planning and Development is charged with enforcement and the official in charge thereof shall be known as the *code official f*or operation and maintenance of any *public swimming pool* in accordance this code, local and state law.

Section 107.4; *Delete entirely (covered by general provisions in Code of Ordinances):*

107.5; Change to read as follows:

107.5 Stop work orders. Upon notice from the code official, work on any system that is being done contrary to the provisions of this code or in a dangerous or unsafe manner shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to

stopping the work. Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be in violation of this code.

Section 202; DEFINITIONS; insert definition; change to read as follows:
The Department of Planning and Development regulates the operation of public pools. Routine inspections on pools and spas open to the public are conducted to document compliance with the standards set forth in State law.

Section 305; Change to read as follows:

305.1 General.
The provisions of this section shall apply to the design of barriers for restricting entry into areas having pools and spas. In one-and two-family dwellings and townhouses, where spas or hot tubs are equipped with a lockable safety cover complying with ASTM F1346 and swimming pools are equipped with a powered safety cover that complies with ASTM F1346, the areas where those spas, hot tubs or pools are located shall not be required to comply with Sections 305.2 through 305.7.

Section 305.2; Change to read as follows:

305.2 Outdoor swimming pools and spas. Outdoor pools and spas and indoor swimming pools shall be surrounded by a barrier that complies with Sections 305.2.1 through 305.7 and in accordance with the Texas Administrative Code, Texas Health and Safety Code 757 for public pools.

Add subsection 305.2.7.1; to read as follows:

305.2.7.1 Chain link fencing prohibited. Chain link fencing is not permitted as a barrier in public pools built after January 1, 1994.

Section 305.4 structure wall as a barrier; Changes as follows:

305.4 Structure wall as a barrier. Where a wall of a one and two-family dwelling or townhouse or its accessory structure serves as part of a barrier and where doors or windows provide direct access to the pool or spa through that wall, one of the following shall be required:

1. Remainder Unchanged
2. Remainder Unchanged
3. Remainder Unchanged

The wall of a building with windows in accordance with *2018 International Building Code, Section 1030* in Group R2 occupancies shall not be used as part of pool enclosure. Other windows that are part of a pool yard enclosure shall be permanently closed and unable to be opened for public pools.

Section 305.6; Change to read as follows:

305.6 Natural barriers used in a one and two-family dwelling or townhouse. In the case where the pool or spa area abuts the edge of a lake or other natural body of water, public access is not permitted or allowed along the shoreline, and required barriers extend to and beyond the water's edge a minimum of eighteen (18) inches, a barrier is not required between the natural body of water shoreline and the pool or spa.

Section 307.1.4 Accessibility; Add exception to Section to 307.1.4 as follows:

Exception: Components of projects regulated by and registered with Architectural Barriers Division of Texas Department of Licensing and Regulation shall be deemed to be in compliance with the requirements of this chapter.

Section 310; Change to read as follows:

310.1 General. Suction entrapment avoidance for pools and spas shall be provided in accordance with APSP 7 or for public swimming pools in accordance with State of Texas Rules for Public Swimming Pools and Spas, Title 25 TAC Chapter 265 Subchapter L, Rule §265.190.

Section 313.7; Change to read as follows:

313.7 Emergency shutoff switch for spas and hot tubs. A clearly labeled emergency shutoff or control switch for the purpose of stopping the motor(s) that provide power to the recirculation system and jet system shall be installed at a point readily accessible to the users and not less than 1.5 m (5 ft.) away, adjacent to, and within sight of the spa or hot tub. This requirement shall not apply to one and two-family dwellings and townhouses.

Section 402.12; Change to read as follows:

Water envelopes. The minimum diving water envelopes shall be in accordance with **Texas department of State Health services, Administrative Code Title 25, Chapter 265, Section 186 (e) and Figure: 25 TAC 256.186 (e)**

402.12 (6). (Delete Table 402.12 and Figure 402.12)

Section 411.2.1 & 411.2.2; Change to read as follows:

411.2.1 Tread dimensions and area. Treads shall have a minimum unobstructed horizontal depth (i.e.,

horizontal run) of 12 inches and a minimum width of 20 inches.

411.2.2 Risers. Risers for steps shall have a maximum uniform height of 10 inches, with the bottom riser height allowed to taper to zero

****Section 411.5.1 & 411.5.2; Change to read as follows:**

411.5.1 Swimouts. Swimouts, located in either the deep or shallow area of a pool, shall comply with all of the following:

1. Unchanged
2. Unchanged
3. Unchanged
4. The leading edge shall be visibly set apart and provided with a horizontal solid or broken stripe at least 1 inch wide on the top surface along the front leading edge of each step. This stripe shall be plainly visible to persons on the pool deck. The stripe shall be a contrasting color to the background on which it is applied, and the color shall be permanent in nature and shall be a slip-resistant surface

411.5.2 Underwater seats and benches. Underwater seats and benches, whether used alone or in conjunction with pool stairs, shall comply with all of the following:

1. Unchanged
2. Unchanged
3. Unchanged
4. Unchanged
5. The leading edge shall be visually set apart and provided with a horizontal solid or broken stripe at least 1 inch wide on the top surface along the front leading edge of each step.

   This stripe shall be plainly visible to persons on the pool deck. The stripe shall be a contrasting color to the background on which it is applied, and the color shall be permanent in nature and shall be a slip-resistant surface.

6. Unchanged
7. Unchanged

Section 603.2; Change to read as follows:

603.2
Class A and B pools: Class A and B pools over 5 feet deep: the transition point of the pool from the shallow area to the deep area of the pool shall be visually set apart with a 4-inch minimum width row of floor tile, a painted line, or similar means using a color contrasting with the bottom; and a rope and float line shall be provided between 1 foot and 2 feet on the shallow side of the 5-foot depth along and parallel to this depth from one side of the pool to the other side. The floats shall be spaced at not greater than 7-foot intervals; and the floats shall be secured so they will not slide or bunch up. The stretched float line shall be of sufficient size and strength to offer a good handhold and support loads normally imposed by users. If the owner or operator of the pool knows or should have known in the exercise of ordinary care that a rope or float is missing, broken, or defective, the problem shall be promptly remedied

Section 610.5.1; Change to read:

610.5.1 Uniform height of 10 inches. Except for the bottom riser, risers at the centerline shall have a maximum uniform height of 10 inches (254 mm). The bottom riser height shall be permitted to vary from the other risers.

Section 804 Diving Water Envelopes; Change to read as follows:

Section 804.1 General. The minimum diving water envelopes shall be in accordance with Table 804.1 and Figure 804.1, or the manufacturer's specifications, whichever is greater. Negative construction tolerances shall not be applied to the dimensions of the minimum diving water envelopes given in Table 804.1.

END

AGENDA MEMORANDUM

DATE: July 13, 2020

TO: Town Council

FROM: Wendy Withers, Town Administrator

SUBJECT: **1. Government Code Section 551.071 Confidential Legal Advice from the Town Attorney for the pending and contemplated litigation regarding the existing municipal court cases styled "State of Texas versus Douglas Taft**

BACKGROUND/INFORMATION:

FINANCIAL IMPLICATIONS:

RECOMMENDATION/ACTION DESIRED:

ATTACHMENTS/SUPPORTING DOCUMENTATION:

None

REVIEWED BY: