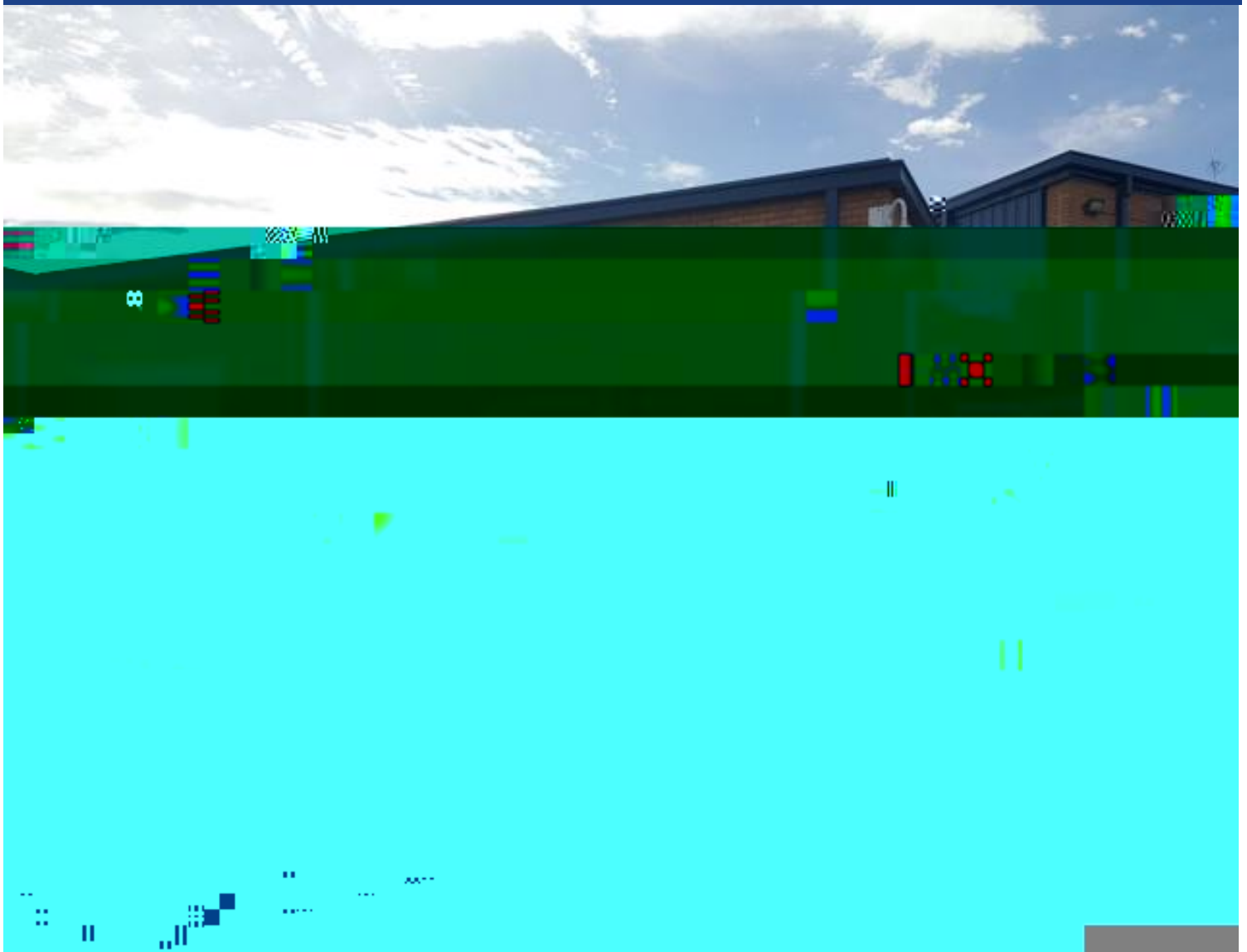
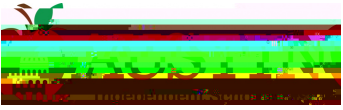




# FACILITY CONDITION ASSESSMENT

*Houston ES* | February 2022



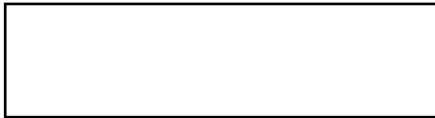


## Executive Summary

## Summary of Findings

*Table 1: Facility Condition by Building*









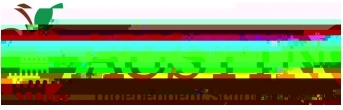
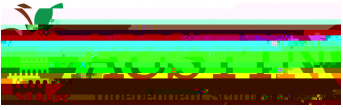


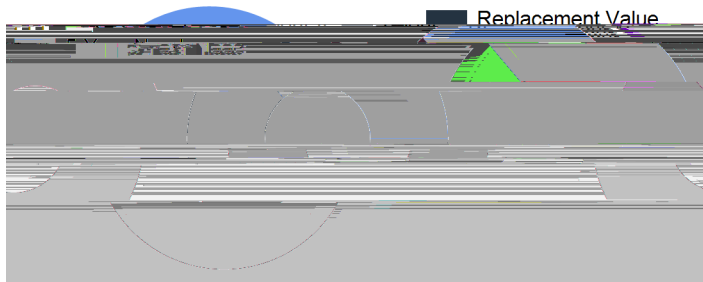
Table 3b: Capital Renewal Forecast (Yrs 6-10)



## Facility Condition Assessment Score

- Very Unsatisfactory (0-35)
- Unsatisfactory (36-50)
- Average (51-65)
- Satisfactory (66-80)
- Very Satisfactory (81-100)

### 5-Year Need vs. Replacement





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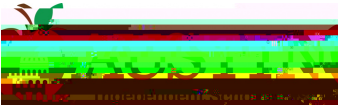
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## Houston ES - Life Cycle Summary Yrs 1-10

### Site Level Life Cycle Items

#### Site

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Playfield Areas	ES Playgrounds	1	Ea.	\$22,348	2
Parking Lot Pavement	Asphalt	118	CAR	\$171,195	2
Pedestrian Pavement	Sidewalks - Concrete	8,100	SF	\$91,751	3
Fences and Gates	Fencing - Chain Link (4 Ft)	2,705	LF	\$127,669	4
Roadway Pavement	Concrete Driveways	13,300	SF	\$166,032	5
<b>Sub Total for System</b>		<b>5</b>	<b>items</b>	<b>\$578,994</b>	

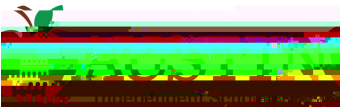
#### Electrical

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Parking Lot Lighting	Pole Lighting	15	Ea.	\$87,295	2
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>	<b>\$87,295</b>	
<b>Sub Total for Building -</b>		<b>6</b>	<b>items</b>	<b>\$666,289</b>	

**Building: 162A - Main building includes Administration Offices, Classrooms, Cafeteria.**

#### Exterior

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Entrance Doors	Steel - Insulated and Painted	13	Door	\$48,191	3



# Facility Condition Assessment

Austin ISD - Houston ES

## Mechanical

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
HVAC Air Distribution	Ductwork (Bldg.SF)	55,659	SF	\$440,399	5
Exhaust Air	Roof Exhaust Fan - Large	2	Ea.	\$16,072	5
Heating System Supplementary Components	Controls - DDC (Bldg.SF)	55,659	SF	\$150,125	8
Other HVAC Distribution Systems	VFD (10 HP)	5	Ea.	\$28,537	8
Other HVAC Distribution Systems	VFD (7.5 HP)	2	Ea.	\$10,446	8
Other HVAC Distribution Systems	VFD (5 HP)	2	Ea.	\$8,786	8
Other HVAC Distribution Systems	VFD (20 HP)	1	Ea.	\$8,817	8
Other HVAC Distribution Systems	VFD (15 HP)	3	Ea.	\$22,676	8
Facility Hydronic Distribution	Pump - 1HP or Less (Ea.)	1	Ea.	\$4,313	8
Facility Hydronic Distribution	Pump- 25HP (Ea.)	2	Ea.	\$28,763	8
Facility Hydronic Distribution	Pump- 10HP (Ea.)	1	Ea.	\$11,561	8
Central Cooling	Chiller - Outdoor Air Cooled (130 Tons)	2	Ea.	\$318,222	10
<b>Sub Total for System</b>		<b>16</b>	<b>items</b>	<b>\$1,484,563</b>	

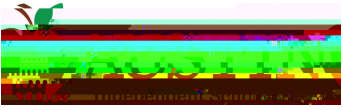
## Electrical

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Electrical Service	Transformer (45 KVA)	1	Ea.	\$5,919	5
Power Distribution	Distribution Panels (400 Amps)	1	Ea.	\$16,905	5
Power Distribution	Panelboard - 120/208 400A	1	Ea.	\$12,342	5
Power Distribution	Panelboard - 120/208 100A	1	Ea.	\$2,782	5
Power Distribution	Panelboard - 120/208 225A	1	Ea.	\$5,500	5
Power Distribution	Panelboard - 277/480 100A	2	Ea.	\$13,377	5
Power Distribution	Panelboard - 277/480 225A	1	Ea.	\$9,372	5
Power Distribution	Panelboard - 120/208 225A	1	Ea.	\$5,500	5
Lighting Fixtures	Light Fixtures (Bldg SF)	55,659	SF	\$1,020,705	5
Power Distribution	Power Wiring	55,659	SF	\$66,105	5
Lighting Fixtures	Building Mounted Fixtures (Ea.)	6	Ea.	\$5,410	8
Lighting Fixtures	Canopy Mounted Fixtures (Ea.)	11	Ea.	\$22,913	10
<b>Sub Total for System</b>		<b>12</b>	<b>items</b>	<b>\$1,186,830</b>	

## Plumbing

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Domestic Water Equipment	Water Heater - Gas - 100 Gallon	2	Ea.	\$12,768	3
Plumbing Fixtures	Restroom Lavatory	17	Ea.	\$46,177	4
Plumbing Fixtures	Toilets	29	Ea.	\$146,722	4
Plumbing Fixtures	Urinals	5	Ea.	\$6,771	4
Domestic Water Equipment	Water Heater - Electric - 5 to 10 gallon	1	Ea.	\$1,264	5
Domestic Water Equipment	Gas Piping System (BldgSF)	55,659	SF	\$1,929,991	5
Domestic Water Piping	Domestic Water Piping System (Bldg.SF)	55,659	SF	\$200,023	5
Sanitary Sewerage Piping	Sanitary Sewer Piping	55,659	SF	\$61,794	5

Plumbing Fixtures 16 0 0 r >,e7e <</MCID 69 None - Integrated Drinking Fountain / FCI Title > MCID 71 - BDC - Q - 30,494 290,477 11,19 TTD - FCI Title > 0 0 6 151 128 270 270 0 0 r 0 0 6 3 - 52 7



## Exterior

Uniformat Description

LC Type Description

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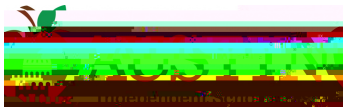
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## Supporting Photos

### General Site Photos



Concrete floor is damaged and stained.

