## SITE DATA

Year Built: 1964
Year Modernized: 2004
Student Population (2017 – 2018): 740

## PRINCIPAL PRIORITIES

1. New athletic track with standard design (current one is a square)
2. MPR / Music room improvements
3. East bike rack area relocation with additional racks (they need 470 +/-)

*1220 Drexel Drive, Davis | www.holmes.djusd.net*

**CATEGORY:**

| | |
|---|---|
| **[0]** | No Work |
| **[1]** | Minor Work |
| **[2]** | Minor Modernization |
| **[3]** | Standard Modernization |
| **[4]** | Major Modernization / Reconfiguration |
| **[5]** | Complete Replacement |

**Parking**
**Category [4]**
• There is no visitor parking area.
• There is no drop off area, currently using the street.
• Current capacity is not enough to accommodate campus staff load (about 85).

**Concrete Paving**
**Category [2]**
• In general, the concrete paving is in good condition. Minor cracks observed, normal wear and tear. Several areas have uneven surface concrete joints with the AC / concrete paving which need to be repaired to mitigate tripping hazards.

**AC paving**
**Category [4]**
• The AC paving in the staff parking next to administration area, the access path to campus from Drexel drive and the areas behind the shops need a heavy slurry coat.
• The play area needs heavy repair on areas where wide/ deep cracks are present throughout.
• The fire lane on east side of campus need pavement replacement.
• The bike racks on east side of campus are located on landscaped areas, need AC pavement.

**Ramps & Stairs**
**Category [2]**
• In general, all ramps and stairs are in fair condition.
• The stairs in quad area next to gym and multipurpose building need handrails.

**Site Amenities**
**Drinking Fountains**
**Category [1]**
• Locker areas need to have designated accessible lockers and benches.

**Shade Shelter**
**Category [0]**
• No issues were observed.

## SECTION 5

**FACILITY CONDITION ASSESSMENT**
**HOLMES JUNIOR HIGH**

**Davis Joint Unified School District**
Facilities Master Plan

LPA

DJUSD

p. 267

**CATEGORY:**

- **[0]** No Work
- **[1]** Minor Work
- **[2]** Minor Modernization
- **[3]** Standard Modernization
- **[4]** Major Modernization / Reconfiguration
- **[5]** Complete Replacement

## Bike Area
**Category [5]**
- East bike rack area relocation with additional racks (they need 470 +/-)

## Covered Walkways
**Category [0]**
- Covered walkway structures are in good condition.

## Athletic Fields & Facilities
**Category [4]**
- Need a regular high school athletic track configuration.

## Landscape
**Category [1]**
- In general, in fair condition throughout campus. Minor fix on east side areas behind buildings.

## Irrigation
**Category [0]**
- No issues were observed.

## Fencing & Gates
**Category [0]**
- No issues were observed.

## ASSESSMENT OF BUILDINGS
### Exterior
**Overall Rating: Category [2]**
- In general, in good condition throughout campus, normal wear and tear.
- Need wayfinding signage throughout the campus.

## Paint
**Category [0]**
- In general, in good condition throughout campus.

## Door / Frames / Locks
**Category [2]**
- In general, in good condition through campus, normal wear and tear.
- Classroom locks to be verified for compliance with classroom security locks by DSA.

## Windows
**Category [0]**
- No issues were observed.

## Roof
**Category [0]**
- No access to roofs and no issues were reported.

## ADA Compliance
**Category [3]**
- Need accessible to path to the track and fields.
- Locker rooms and related spaces need to be upgraded for accessibility.
- Some exterior doors at gym need landing flush with exterior grade to meet accessibility.

## Interior
**Overall Rating: Category [4]**
- Carpet seems worn-out on classrooms, suggest changing for resilient flooring type.
- Gymnasium needs wireless speaker system and projector/screen.
- Gymnasium needs lifts for sport flooring mats.
- Music room needs storage space.
- More meeting rooms needed on campus for 1 on 1.

## Food Service
**Category [2]**
- There is no space for the food waiting line on multipurpose serving area.

## Restrooms
**Category [2]**
- In general, in good condition throughout campus, normal wear and tear.
- Single user restroom signage to be upgraded to "non-gender", at locations where are not updated.

## ASSESSMENT OF SYSTEMS
### Site Utilities
**Domestic Water**
**Category [5]**
- Reported to need complete replacement.

**Fire Protection**
**Category [5]**
- Reported to need complete replacement.

**Gas**
**Category [5]**
- Reported to need complete replacement.

**Sewer**
**Category [5]**
- Reported to need complete replacement.

**Storm Drain / Drainage**
**Category [5]**
- Reported to need complete replacement.

**Mechanical**
**Overall Rating: Category [0]**

**Plumbing**
**Category [3]**
- Restroom upgrades needed.
- Water heater replacement needed.

**Electrical Power**
**Category [-]**
- 1960 original installation, had switchgear modernization – verify date of modernization.
- Main switch gear modernized, review digital as-builts for capacity. Panels are original and breakers are beginning to fail. Issues replacing parts.
- Siemens, cutler-hammer, and others (no standard manuf.)
- Voltage-277/480A-3-phase
- One site connection from PG&E, overhead service.
- T8 lights throughout
- No preferred lighting and controls venders

# SECTION 5

**FACILITY CONDITION ASSESSMENT**
**HOLMES JUNIOR HIGH**

LPA

**Davis Joint Unified School District**
Facilities Master Plan

DJUSD

p. 268

**CATEGORY:**
- **[0]** No Work
- **[1]** Minor Work
- **[2]** Minor Modernization
- **[3]** Standard Modernization
- **[4]** Major Modernization / Reconfiguration
- **[5]** Complete Replacement

**Fire Alarm**
**Category [-]**
- Manual pull stations
- Smoke detectors and alarms – verify full coverage, likely not automatic
- No fire sprinklers – verify as-builts
- Gamewell is the preferred manufacturer
- Integrated Fire System – preferred vendor/consultant
- Fiber to all sites – verify as-builts

**Technology - Overall Site**
**Category [4]**
- Campus Distribution for Telecommunications – The campus has a conduit infrastructure which supports a Main Distribution Frame (MDF) in the Library building, along with dedicated Intermediate Distribution Frames (IDF) per building. Conduit infrastructure is ran on the canopies from building to building. No additional conduit infrastructure is needed to support low voltage infrastructure systems. Existing fiber optic backbone cabling is 62.5um along with copper backbone from MDF to each IDF room. All backbone cabling needs to be replaced.
- Recommendation: Upgrade fiber optic backbone cable to 50um (OM3) and single mode (OS2) from MDF to each IDF to obtain network speed/bandwidth and future growth [4]

**Exterior Paging System**
**Category [0]**
- Exterior PA speakers are on campus

**Exterior Security Cameras**
**Category [0]**
- Campus currently does not have security cameras. None are required

**Exterior Wireless Access Points**
**Category [3]**
- Campus currently does not have exterior wireless access points

**Building Systems:**

**MDF**
- Three floor standing data racks with ladder racking and wire managers. No Telecommunications Main Grounding Busbar (TMGB). Poor cable management. CAT5 network cabling to all workstations. Room has dedicated cooling. No master clock system. No proper grounding and bonding. Security Camera system no longer functional. No Intrusion detection system. All horizontal cabling is in surface mounted wiremold in classrooms and corridor.

**Provide Telecommunication Main Grounding Busbar (TMGB) [4].**
**Provide dedicated cooling 24/7 [5]**
**Upgrade fiber optic backbone cabling to multimode 50um (OM3) and single mode (OS2) [4]**

**Data/Voice**
**Category [5]**
- Full VoIP CAT6A structured cabling
- Full wireless coverage

**Intercom/PA/Clock**
**Category [0]**
- Carehawk System

**CATV**
**Category [0]**

**Intrusion Detection**
**Category [5]**
- Honeywell System
- Administration, Gymnasium, Computer Lab, Library

**Security Camera**
**Category [0]**

**Access Control**
**Category [5]**
- All doors

**Audio Visual**
**Category [4]**
- Classroom room technology, Interactive boards.
- Conference rooms, flat screen TV's
- Culinary Arts Video Streaming
- Digital Menu Boards (60" min.)

**Assistive Listening System**
**Category [4]**

**Lighting**
**Category [-]**

**SECTION 5**

FACILITY CONDITION ASSESSMENT
**HOLMES JUNIOR HIGH**

**Davis Joint Unified School District**
Facilities Master Plan

LPA

DJUSD

p. 269

Covered Walkway


Drop-Off Lane


Parking


Concrete Paving


Hardcourts


Ramps / Stairs


Playfields / Athletics


Outdoor Seating


Shade Structure

**SECTION 5**

FACILITY CONDITION ASSESSMENT
**HOLMES JUNIOR HIGH**

**Davis Joint Unified School District**
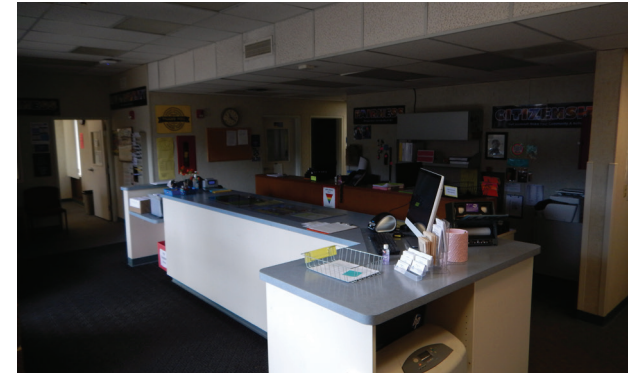Facilities Master Plan

p. 270

Windows


Exterior Door Hardware


Administration Office


Staff Work Room / Lounge


Gymnasium


Library


Multi-Purpose Room


Weight Room


Food Service

## SECTION 5

**FACILITY CONDITION ASSESSMENT**
**HOLMES JUNIOR HIGH**

Home Economics


Typical Classroom


Special Education


Music Room


Science Lab


Computer Lab


Art


Woodshop


Outdoor Learning

## SECTION 5

**FACILITY CONDITION ASSESSMENT**
**HOLMES JUNIOR HIGH**

DREXEL DR.

J STREET

ALICE STREET

**Classrooms, CR**
ELA - English Language Arts, FLA - Foreign Language
INC - Inclusion, MA - Math, MI - Math Intervention
R - Reading Intervention, SS - Social Studies
TA - Teaching Assistant

**Electives / Labs**
CS - Computer Science, HE - Home Economics
P - Practice, SCI - Science, TECH - Technology
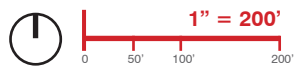WD - Woodshop, WT - Weight Room

**Student Services**
CO - Counseling, ED - Emotionally Disturbed
EL - English Learners, INTV - Intervention
OT - Occupational Therapy, PSY - Psychology
SP - Speech, RSP - Resource Specialist Program

**Shared Spaces**
LC - Learning Center, LIB - Library
LR - Locker Room (G - Girls, B - Boys)
MPR - Multi-Purpose Room

**Admin / Faculty**
FW - Faculty Work, FL - Faculty Lounge,
O - Office, CF - Conference Room

**Support Spaces**
X - Storage, T - Toilets, U - Utility,
J - Janitor, K - Kitchen

☐ Portable Classrooms

☆ Main Entry

➡ Drop-Off

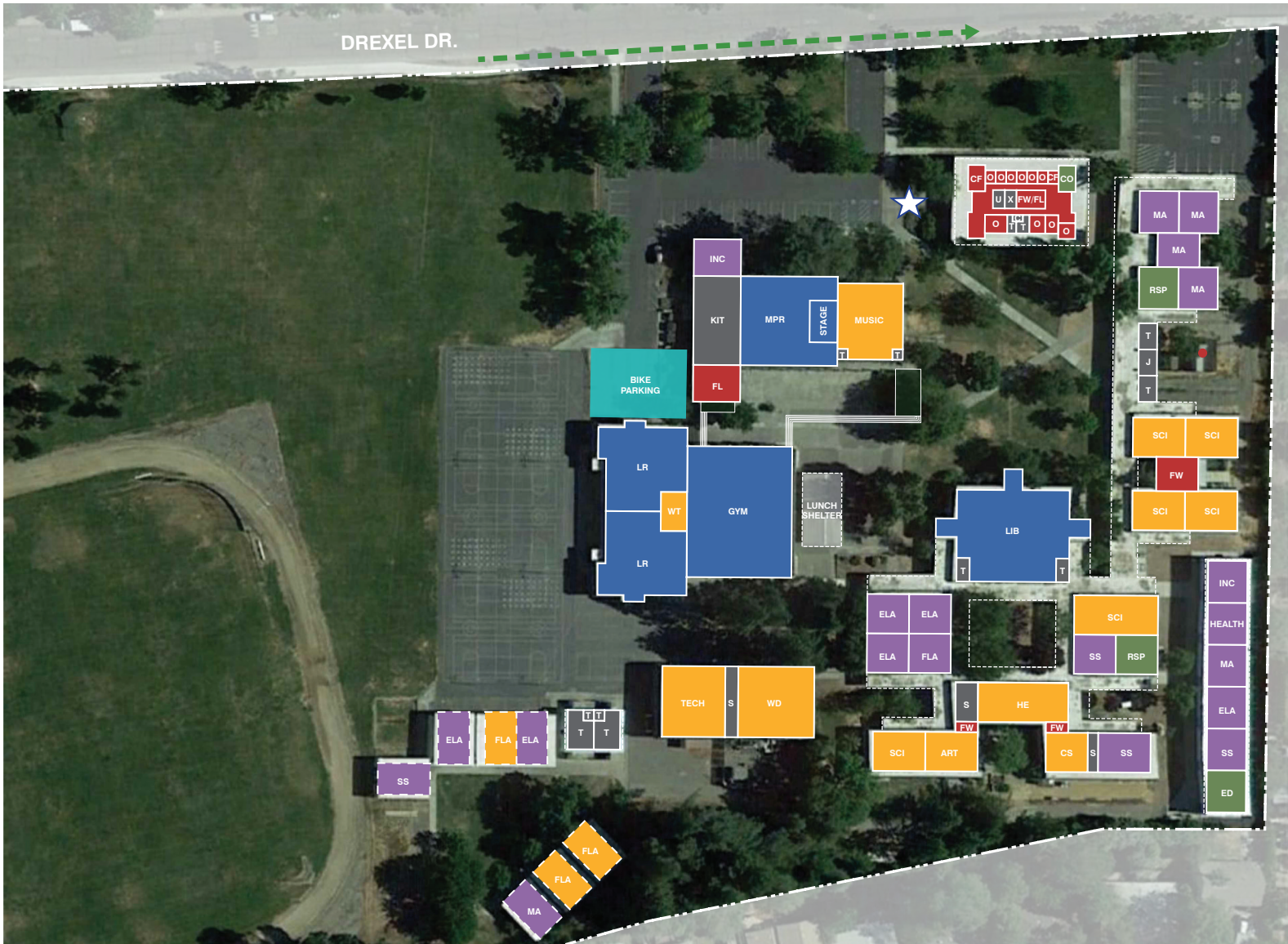● Electrical Transformer

1" = 200'

0   50'   100'   200'

**SECTION 5**

**EXISTING CAMPUS PLAN**
**HOLMES JUNIOR HIGH - OVERALL**

LPA

**Davis Joint Unified School District**
Facilities Master Plan

DJUSD
DAVIS JOINT UNIFIED SCHOOL DISTRICT

p. 273

**DREXEL DR.**

## Legend

**Classrooms, CR**
ELA - English Language Arts, FLA - Foreign Language
INC - Inclusion, MA - Math, MI - Math Intervention
R - Reading Intervention, SS - Social Studies
TA - Teaching Assistant

**Electives / Labs**
CS - Computer Science, HE - Home Economics
P - Practice, SCI - Science, TECH - Technology
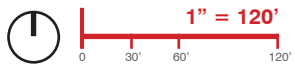WD - Woodshop, WT - Weight Room

**Student Services**
CO - Counseling, ED - Emotionally Disturbed
EL - English Learners, INTV - Intervention
OT - Occupational Therapy, PSY - Psychology
SP - Speech, RSP - Resource Specialist Program

**Shared Spaces**
LC - Learning Center, LIB - Library
LR - Locker Room (G - Girls, B - Boys)
MPR - Multi-Purpose Room

**Admin / Faculty**
FW - Faculty Work, FL - Faculty Lounge,
O - Office, CF - Conference Room

**Support Spaces**
X - Storage, T - Toilets, U - Utility,
J - Janitor, K - Kitchen

- Portable Classrooms
- ★ Main Entry
- → Drop-Off
- ● Electrical Transformer

**1" = 120'**

0    30'    60'    120'

## SECTION 5
### EXISTING CAMPUS PLAN
# HOLMES JUNIOR HIGH - ENLARGED

**LPA**

**Davis Joint Unified School District**
Facilities Master Plan

**DJUSD**

p. 274

**Classrooms, CR**
ELA - English Language Arts, FLA - Foreign Language
INC - Inclusion, MA - Math, MI - Math Intervention
R - Reading Intervention, SS - Social Studies
TA - Teaching Assistant

**Electives / Labs**
CS - Computer Science, ENG - Engineering
HE - Home Economics, MKR - Maker
P - Practice, SCI - Science, TECH - Technology
WD - Woodshop, WT - Weight Room

**Student Services**
AC - Academic Center, CO - Counseling
ED - Emotionally Disturbed
EL - English Learners, INTV - Intervention
LRC - Learning Resource Center
OT - Occupational Therapy, PSY - Psychology
SP - Speech, RSP - Resource Specialist Program

**Shared Spaces**
CNTY - County, LC - Learning Center
LIB - Library, LR - Locker Room (G - Girls, B -
Boys), MPR - Multi-Purpose Room
TM - Team Room, TR - Training Room

**Admin / Faculty**
FW - Faculty Work, FL - Faculty Lounge,
O - Office, CF - Conference Room

**Support Spaces**
FS - Food Service / Concessions
X - Storage, T - Toilets, U - Utility,
J - Janitor, K - Kitchen

☐ Portable Classrooms

☆ Main Entry

- - ➤ Drop-Off

● Electrical Transformer

Outdoor Learning / Playfields
Rubberized Surface
Hardcourts
Parking Lot

NO WORK
MODERNIZATION
RECONFIGURE
NEW CONSTRUCTION

DREXEL DR.
J STREET
ALICE STREET

1" = 200'
0   50'  100'   200'

**SECTION 5**

LPA

PROPOSED CAMPUS MASTER PLAN
**HOLMES JUNIOR HIGH - OVERALL**

**Davis Joint Unified School District**
Facilities Master Plan

DJUSD

p. 275

**DREXEL DR.**

SOCCER FIELD

BIKE PARKING

BASEBALL FIELD

TRACK

PLAYFIELDS

HARDCOURTS

SERVICE

ENTRY PLAZA

KIT

MPR

STAGE

MUSIC

HALLWAY

DRESS | STOR

SHADE SAILS

FL

QUAD

COLAB

LR

WT

GYM

LR

LUNCH SHELTER

LIB

LEARNING COURT

SCI | SCI

FW

SCI | SCI

RSP

LEARNING COURT

TECH/ ROBOTICS

WD/ MAKER

GARDEN

SS | SS
SS | SS

LEARNING COURT

SCI

ELA | ELA

HOME EC/ HEALTH

ART

CS

LEADER SHIP

RSP

ELA

ELA

ELA

ELA

LEARNING COURT

ED

FLA | FLA

CF | FW | OT | CF

FLA | FLA | INC | INC

**Classrooms, CR**
ELA - English Language Arts, FLA - Foreign Language
INC - Inclusion, MA - Math, MI - Math Intervention
R - Reading Intervention, SS - Social Studies
TA - Teaching Assistant

**Electives / Labs**
CS - Computer Science, ENG - Engineering
HE - Home Economics, MKR - Maker
P - Practice, SCI - Science, TECH - Technology
WD - Woodshop, WT - Weight Room

**Student Services**
AC - Academic Center, CO - Counseling
ED - Emotionally Disturbed
EL - English Learners, INTV - Intervention
LRC - Learning Resource Center
OT - Occupational Therapy, PSY - Psychology
SP - Speech, RSP - Resource Specialist Program

**Shared Spaces**
CNTY - County, LC - Learning Center
LIB - Library, LR - Locker Room (G - Girls, B - Boys), MPR - Multi-Purpose Room
TM - Team Room, TR - Training Room

**Admin / Faculty**
FW - Faculty Work, FL - Faculty Lounge,
O - Office, CF - Conference Room

**Support Spaces**
FS - Food Service / Concessions
X - Storage, T - Toilets, U - Utility,
J - Janitor, K - Kitchen

☐ Portable Classrooms

☆ Main Entry

➡ Drop-Off

● Electrical Transformer

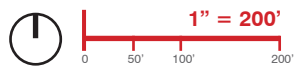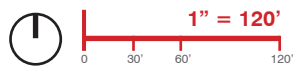■ Outdoor Learning / Playfields    ■ Rubberized Surface

■ Hardcourts    ■ Parking Lot

⊠ NO WORK    ■ MODERNIZATION

▨ RECONFIGURE    ☐ NEW CONSTRUCTION

**1" = 120'**

0   30'   60'   120'

## SECTION 5

**LPA**

PROPOSED CAMPUS MASTER PLAN
**HOLMES JUNIOR HIGH - ENLARGED**

**Davis Joint Unified School District**
Facilities Master Plan

DJUSD

p. 276

| SCOPE OF WORK CATEGORIES | MASTER PLAN COST (2018$) | GROUP 1 SCOPE | GROUP 2 SCOPE |
|---|---|---|---|
| 1. Modernize / Reconfigure Existing Classrooms | $ - | $ - | $ - |
| 2. Existing Building Systems, Toilets & Improved Energy Efficiency | $ 160,000 | $ 55,000 | $ - |
| 3. Site Utilities & Infrastructure | $ 1,869,000 | $ - | $ - |
| 4. New Construction (Classrooms) | $ 4,524,000 | $ - | $ - |
| 5. Elementary STEM & JrHS/HS Science Programs | $ - | $ - | $ - |
| 6. JrHS/HS Electives Improvements | $ 1,497,000 | $ - | $ - |
| 7. Music, Drama & Performing Arts Improvements | $ 3,322,000 | $ - | $ - |
| 8. MPR, Student Union & Food Service Improvements | $ 4,191,000 | $ - | $ - |
| 9. Physical Education Improvements | $ - | $ - | $ - |
| 10. Staff & Community Support | $ 644,000 | $ - | $ - |
| 11. Library & Student Support Services | $ 1,570,000 | $ - | $ - |
| 12. Safety & Security | $ 1,187,000 | $ 1,025,000 | $ - |
| 13. Bike / Car Parking & Drop-Off | $ 1,063,000 | $ 1,063,000 | $ - |
| 14. Outdoor Learning Courts, Quads & Gardens | $ 969,000 | $ - | $ - |
| 15. Exterior Play Spaces, Playfields & Hardcourts | $ 1,051,000 | $ - | $ - |
| 16. Next Generation Learning Furniture | $ 928,000 | $ - | $ 928,000 |
| 17. Technology Infrastructure & Equipment | $ 963,000 | $ 963,000 | $ - |
| **Total Construction / Project Cost (2018$)** | **$ 23,938,000** | **$ 3,106,000** | **$ 928,000** |

*The following items are excluded from this budget:*
- Utility hook-up fees & City connection fees
- Off-site work and traffic signals
- Land acquisition costs
- Temporary classrooms
- Hazardous material surveys, abatement and disposal
- Escalation (costs are in 2018$)

**SECTION 5**

COST SUMMARY
**HOLMES JUNIOR HIGH**

LPA

**Davis Joint Unified School District**
Facilities Master Plan

DJUSD

p. 277