

# ADDITION / ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL

5801 3RD ST, MAYS LANDING, NJ 08330

## HAMILTON TOWNSHIP BOARD OF EDUCATION

5801 3rd, MAYS LANDING, NJ 08330



**FVHD** architects  
planners

Fraytak Veisz Hopkins Duthie P C  
New Jersey | Pennsylvania | fvhdpc.com

**GILLAN & HARTMANN, INC**

MEP ENGINEERS | MONT CLARE - PA

Addition / Alterations / Renovations at  
Joseph C. Shaner Memorial Elementary School  
FVHD 4937B - NJ DOE No. 1940-060-18-1000

DRAWING INDEX	
<b>GENERAL</b>	
G001	TITLE SHEET AND DRAWING INDEX
G002	ABBREVIATIONS & GENERAL NOTES / DETAILS
<b>CIVIL</b>	
<b>ARCHITECTURAL</b>	
A100	SECURITY VESTIBULE
A101	SECURITY VESTIBULE
A102	SECURITY GLAZING & DOOR SCHEDULE
A103	EXTERIOR CANOPY ADDITION
A104	EXTERIOR CANOPY ADDITION
A105	ALTERNATIVE EXTERIOR CANOPY ADDITION
A106	FLOOR PLAN SINK REPLACEMENT
A107	FLOOR PLAN CORRIDOR CARPET REPLACEMENT / TREAD RISER REPLACEMENT
A108	LOADING DOCK
A109	FLOOR PLAN CORRIDOR CARPET REPLACEMENT / TREAD RISER REPLACEMENT
A109a	ALTERNATIVE HVAC DEMO
A110	HVAC FLOOR PLAN - NEW WORK
A110a	ALTERNATIVE HVAC FLOOR PLAN - NEW WORK
A111	HVAC RCP
A111a	ALTERNATIVE HVAC RCP
A112	PARTIAL ROOF PLAN, NOTES & DETAILS
A201	ELEVATIONS

DRAWING INDEX	
<b>PLUMBING</b>	
P001	PLUMBING GENERAL NOTES, LEGEND, ABBREVIATIONS, SCHEDULES, & DETAILS
P101	PARTIAL FLOOR PLAN: PLUMBING REMOVALS-BLOCK C
P102	PARTIAL FLOOR PLAN: PLUMBING REMOVALS-BLOCKS D1 & D2
P201	PARTIAL BASEMENT & FIRST FLOOR PLANS: PLUMBING NEW WORK-BLOCKS A,B,C, & E
P202	PARTIAL FIRST FLOOR PLANS: PLUMBING NEW WORK-BLOCKS D1 & D2
<b>MECHANICAL</b>	
H001	HVAC GENERAL NOTES, LEGENDS, & ABBREVIATIONS
H101	PARTIAL BASEMENT & FIRST FLOOR PLANS: PLUMBING HVAC- BLOCKS A,B,C, & E
H102	PARTIAL FIRST FLOOR PLANS: HVAC REMOVALS- BLOCKS D1 & D2
H121	ROOF PLAN: HVAC REMOVALS
H201	PARTIAL BASEMENT & FIRST FLOOR PLANS: HVAC NEW WORK- BLOCKS A,B,C, & E- DUCTWORK
H202	PARTIAL FIRST FLOOR PLANS: HVAC NEW WORK- BLOCKS D1 & D2- DUCTWORK
H211	PARTIAL BASEMENT & FIRST FLOOR PLANS: HVAC NEW WORK- BLOCKS A,B,C, & E PIPING
H212	PARTIAL FIRST FLOOR PLANS: PLUMBING NEW WORK- BLOCKS D1 & D2- PIPING
H221	ROOF PLAN: HVAC NEW WORK
H501	HVAC DETAILS
H601	HVAC SCHEDULES
<b>ELECTRICAL</b>	
E001	ELECTRICAL GENERAL NOTES, LEGENDS & ABBREVIATIONS
E002	ELECTRICAL SINGLE LINE DIAGRAM
E003	ELECTRICAL LOCATION PLAN AT GRADE
E004	ELECTRICAL PARTIAL ROOF LOCATION PLAN
E101	PARTIAL BASEMENT & FIRST FLOOR PLANS: ELECTRICAL REMOVALS- BLOCKS A,B,C, & E
E102	PARTIAL FIRST FLOOR PLAN: ELECTRICAL REMOVALS- BLOCKS D1 & D2
E201	PARTIAL BASEMENT & FIRST FLOOR PLANS: ELECTRICAL NEW WORK- BLOCKS A,B,C, & E- POWER & SYSTEMS
E202	PARTIAL FIRST FLOOR PLANS: ELECTRICAL NEW WORK- BLOCKS D1 & D2 POWER SYSTEMS
E500	ELECTRICAL DETAILS
E600	ELECTRICAL PANEL SCHEDULES

**FVHD** architects  
planners  
Fraytak Veisz Hopkins Duthie P C  
Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
Pennsylvania: 140 Whitaker Ave - Mont Clare - Pennsylvania 17433

Project Name: ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL  
Project Owner Name: HAMILTON TOWNSHIP BOARD OF EDUCATION  
Project Location: 5801 3rd ST MAYS LANDING, NJ 08330  
Project Number: 4937B  
Project Date: 02.15.2019  
Checked By: JJV  
Drawn By: dsb  
Scale: AS NOTED  
Drawing Name: TITLE SHEET DRAWINGS INDEX  
Drawing Number: G001

No.	Date	Description

No.	Date	Description

No.	Date	Description

No.	Date	Description

No.	Date	Description

No.	Date	Description

# ALTERATION AND RENOVATION TO WILLIAM DAVIES MIDDLE SCHOOL

1876 DENNIS FORMAN DR., MAYS LANDING, NJ 08330

## HAMILTON TOWNSHIP BOARD OF EDUCATION

5801 3rd, MAYS LANDING, NJ 08330



**FVHD** architects  
planners

Fraytak Veisz Hopkins Duthie P C  
New Jersey | Pennsylvania | fvhdpc.com

**GILLAN & HARTMANN, INC**

MEP ENGINEERS | MONT CLARE - PA

Addition / Alterations / Renovations at  
William Davies Middle School  
FVHD 4937A - NJ DOE No. 1940-120-18-1000

DRAWING INDEX	
<b>GENERAL</b>	
G001	TITLE SHEET AND DRAWING INDEX
G002	ABBREVIATIONS, NOTES
<b>CIVIL</b>	
<b>ARCHITECTURAL</b>	
A100	SECURITY GLAZING & DOOR SCHEDULE
A101	TOILET DEMOLITION PLANS
A102	TOILET AND LOCKER ROOM NEW WORK PLANS
A103	GYMNASIUM DEMOLITION PLAN, NEW WORK PLAN, DETAILS
A104	INTERIOR GYM ELEVATIONS
A105	OUT BUILDING PLANS, SECTIONS, AND DETAILS / NOTES
A106	HVAC PARTIAL FIRST FLOOR DEMOLITION PLAN BLOCK B
A107	HVAC PARTIAL FIRST FLOOR PLAN - NEW WORK BLOCK B
A108	HVAC PARTIAL FIRST FLOOR REFLECTED CEILING PLAN BLOCK B
A109	HVAC PARTIAL FIRST FLOOR DEMOLITION PLAN BLOCK C
A110	HVAC PARTIAL FIRST FLOOR PLAN - NEW WORK BLOCK C
A111	HVAC PARTIAL FIRST FLOOR REFLECTED CEILING PLAN BLOCK C

DRAWING INDEX	
<b>PLUMBING</b>	
P001	PLUMBING GENERAL NOTES, LEGEND, ABBREVIATIONS, SCHEDULES, & DETAILS
P101	PARTIAL FLOOR PLAN: PLUMBING REMOVALS
P121	ROOF PLAN: PLUMBING REMOVALS
P201	PARTIAL FIRST FLOOR PLAN: PLUMBING NEW WORK- TOILET & LOCKER ROOMS
P221	ROOF PLAN: PLUMBING NEW WORK
<b>MECHANICAL</b>	
H001	HVAC GENERAL NOTES, LEGENDS, & ABBREVIATIONS
H101	PARTIAL FIRST FLOOR PLAN: HVAC REMOVALS- BLOCK A
H102	PARTIAL FIRST FLOOR PLAN: HVAC REMOVALS- BLOCK B
H103	PARTIAL FIRST FLOOR PLAN: HVAC REMOVALS- BLOCK C
H121	ROOF PLAN: PLUMBING REMOVALS
H201	PARTIAL FIRST FLOOR PLAN: HVAC NEW WORK- BLOCK A - DUCTWORK
H202	PARTIAL FIRST FLOOR PLAN: HVAC NEW WORK- BLOCK B - DUCTWORK
H203	PARTIAL FIRST FLOOR PLAN: HVAC NEW WORK- BLOCK C - DUCTWORK
H211	PARTIAL FIRST FLOOR PLAN: HVAC NEW WORK- BLOCK A - PIPING
H212	PARTIAL FIRST FLOOR PLAN: HVAC NEW WORK- BLOCK B - PIPING
H213	PARTIAL FIRST FLOOR PLAN: HVAC NEW WORK- BLOCK C - PIPING
H221	ROOF PLAN: PLUMBING REMOVALS
H501	HVAC DETAILS
H601	HVAC SCHEDULES
H602	HVAC SCHEDULES
<b>ELECTRICAL</b>	
E001	ELECTRICAL GENERAL NOTES, LEGENDS & ABBREVIATIONS
E101	PARTIAL FIRST FLOOR PLAN: ELECTRICAL REMOVALS- BLOCK A
E102	PARTIAL FIRST FLOOR PLAN: ELECTRICAL REMOVALS- BLOCK B
E103	PARTIAL FIRST FLOOR PLAN: ELECTRICAL REMOVALS- BLOCK C
E201	PARTIAL FIRST FLOOR PLAN: ELECTRICAL NEW WORK- BLOCK A- POWER AND SYSTEMS
E202	PARTIAL FIRST FLOOR PLAN: ELECTRICAL NEW WORK- BLOCK B- POWER AND SYSTEMS
E203	PARTIAL FIRST FLOOR PLAN: ELECTRICAL NEW WORK- BLOCK C- POWER AND SYSTEMS
E221	ROOF PLAN: ELECTRICAL NEW WORK
E500	ELECTRICAL DETAILS
E600	ELECTRICAL PANEL SCHEDULES

JOHN J. VEISZ, AIA, CSBA  
NJ #148664001 PA #4208198  
WILLIAM D. HOPKINS III, AIA, LEED AP  
NJ #148664001 PA #4208198  
GEORGE K. DUTHIE JR., AIA, PP  
NJ #148664001 PA #4208198

**FVHD** architects  
planners  
Fraytak Veisz Hopkins Duthie P C  
Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
Pennsylvania: 140 Whittaker Ave - Mont Clare - Pennsylvania 17433

Project Name  
ALTERATIONS AND  
RENOVATIONS TO  
**WILLIAM DAVIES  
MIDDLE SCHOOL**

Project Owner Name  
HAMILTON  
TOWNSHIP BOARD  
OF EDUCATION

Project Location  
1876 DENNIS  
FORMAN DR  
MAYS LANDING,  
NJ 08330

Project Number  
4937C  
Project Date  
02.15.2019  
Checked By  
JJV  
Drawn By  
dsb  
Scale  
AS NOTED

Drawing Name  
TITLE SHEET  
DRAWINGS INDEX

Revisions  
No. Date Description

Drawing Number  
G001

F V H D P C - C O M