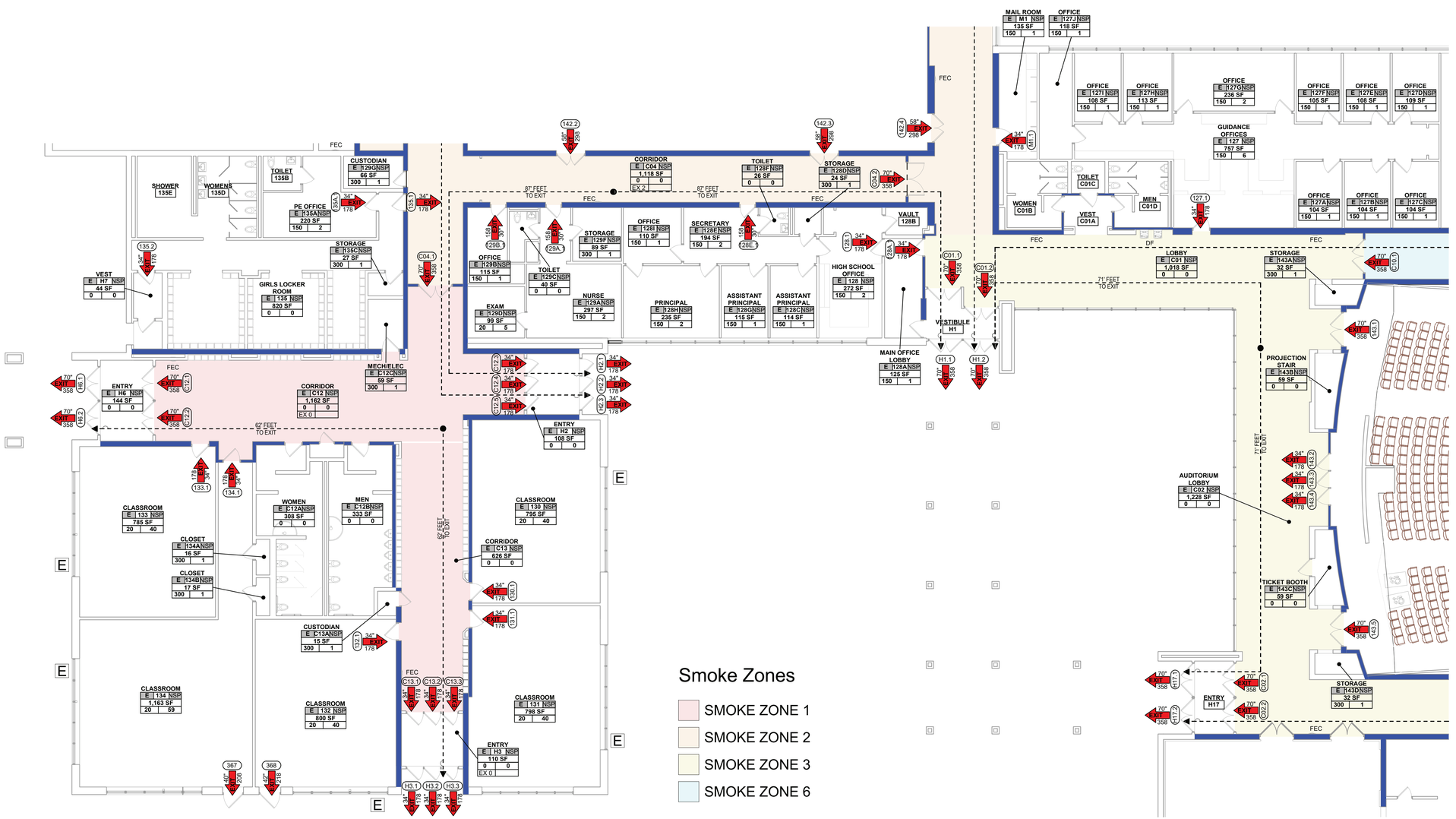


1 OCCUPANCY AND EGRESS - HS FIRST FLOOR AREA A
SCALE: 1" = 10'-0"

CODE COMPLIANCE PLAN LEGEND

Room Name / Occupancy — Sprinkler: NSP = No Sprinkler, SP = Sprinklered
Load Factor / # of Exits — Area, Occupant Load, Occupant Load per Exit For Coordors and Assemblies

Occupant Load Calculation
Required Exit Width Calc.

Required Exit Unit Calcultion for Assemblies

Exit Tag
Exit Width
Exit Capacity

1 Hour Fire Barrier
2 Hour Fire Barrier
3 Hour Fire Wall
Existing 1 Hour Fire/Smoke Barrier

GENERAL OCCUPANCY & EGRESS NOTES:

A. REFER TO CODE INFORMATION AND CALCULATIONS SHEET FOR ALTERATION LEVEL INFORMATION.

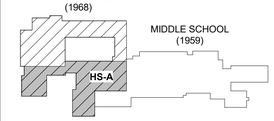
B. SMOKE ZONES ARE INDICATED WITH SHADING PER THE SMOKE ZONE LEGEND.

C. EACH FLOOR LEVEL IS SEPARATED BY AN SED MPS SMOKE BARRIER TO CREATE A REQUIRED SMOKE ZONE.

D. ALL STAIRS ARE ENCLOSED WITH CONSTRUCTION TO EFFECTIVELY OBSTRUCT THE PASSAGE OF SMOKE.

E. OCCUPANT LOADS: ALL SPACES ARE CALCULATED AS 'E' (EDUCATION) OCCUPANCIES UNLESS NOTED OTHERWISE.

KEY PLAN:



SED CONTROL NO. 44-18-00-05-0-012-040

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PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

REV	DATE	DESCRIPTION

DRAWN BY: TMF	PROJECT NUMBER: 2019-011 PH2
CHECKED BY: SJD	DATE: 10/6/2023

OCCUPANCY & EGRESS PLAN - FIRST FLOOR AREA A

BUILDING	SHEET NUMBER
HS	CC110

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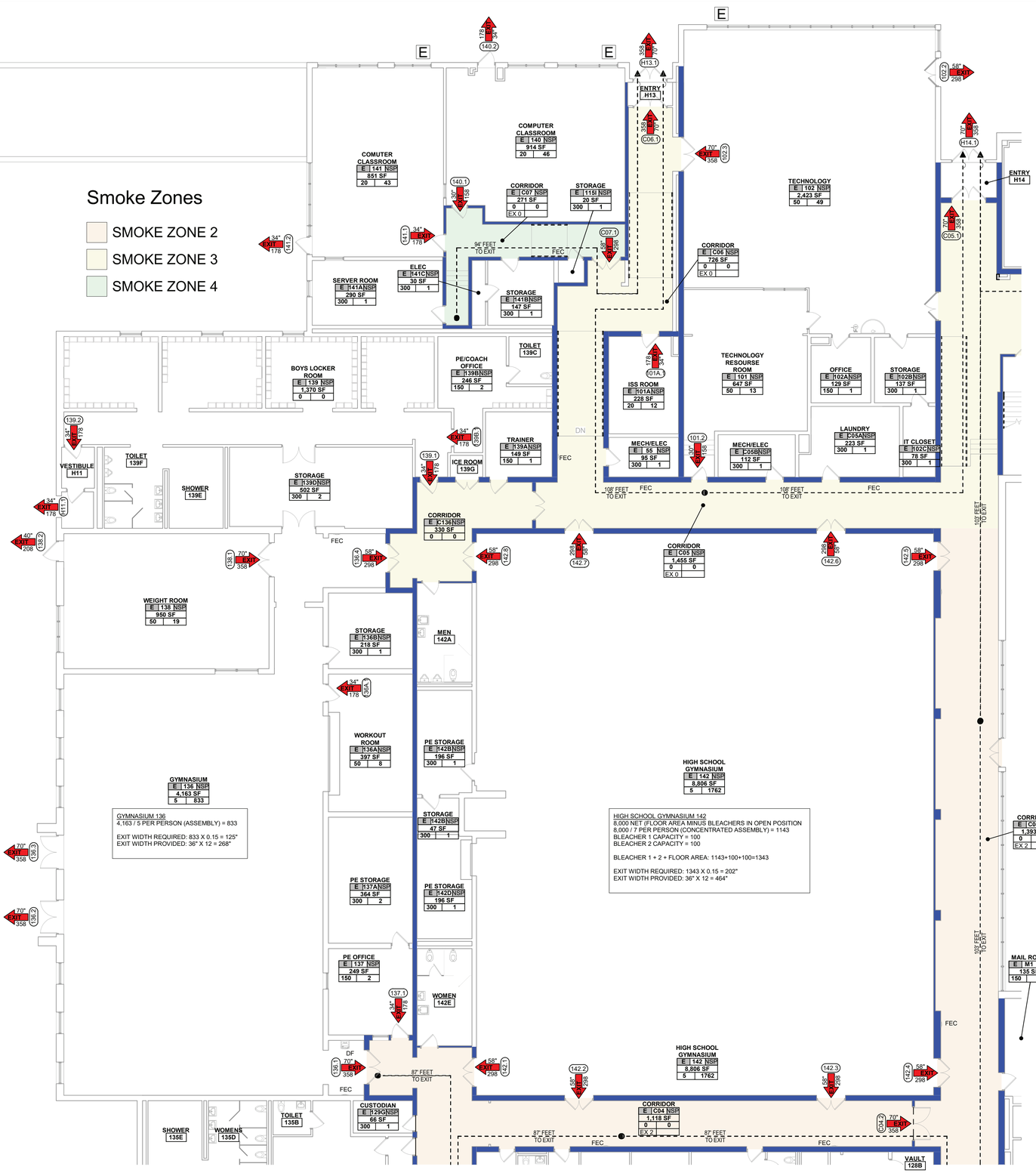

1 OCCUPANCY AND EGRESS - HS FIRST FLOOR AREA B
SCALE: 1" = 10'-0"

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CODE COMPLIANCE LEGEND

- # — NUMBER OF OCCUPANTS PER ROOM
- E — EGRESS WINDOW
- 13 — TRAVEL PATH TO EXIT (ADDITIVE OCCUPANT LOAD ALONG TRAVEL PATH TO EXIT)
- TRAVEL PATH
- COMMON PATH (CP:0'-0")
- EXISTING 1-HOUR FIRE/SMOKE BARRIER
- 1-HOUR FIRE BARRIER
- FEC — FIRE EXTINGUISHER CABINET
- FE — FIRE EXTINGUISHER
- DF — DRINKING FOUNTAIN
- EXIT
- TXXX — DOOR NUMBER (AS APPLICABLE)

WIDTH	UNIT	CAPACITY
0'-0"	0.2"	100

- OCCUPANT LOAD CAPACITY
- OCCUPANT LOAD FACTOR
- DOOR CLEAR WIDTH

GENERAL OCCUPANCY & EGRESS NOTES:

A. REFER TO CODE INFORMATION AND CALCULATIONS SHEET FOR ALTERATION LEVEL INFORMATION.

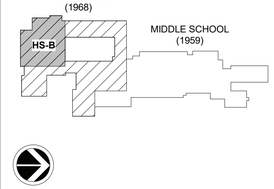
B. SMOKE ZONES ARE INDICATED WITH SHADING PER THE SMOKE ZONE LEGEND.

C. EACH FLOOR LEVEL IS SEPARATED BY AN SED MPS SMOKE BARRIER TO CREATE A REQUIRED SMOKE ZONE.

D. ALL STAIRS ARE ENCLOSED WITH CONSTRUCTION TO EFFECTIVELY OBSTRUCT THE PASSAGE OF SMOKE.

E. OCCUPANT LOADS: ALL SPACES ARE CALCULATED AS 'E' (EDUCATION) OCCUPANCIES UNLESS NOTED OTHERWISE.

KEY PLAN:



SED CONTROL NO. 44-18-00-05-0-012-040

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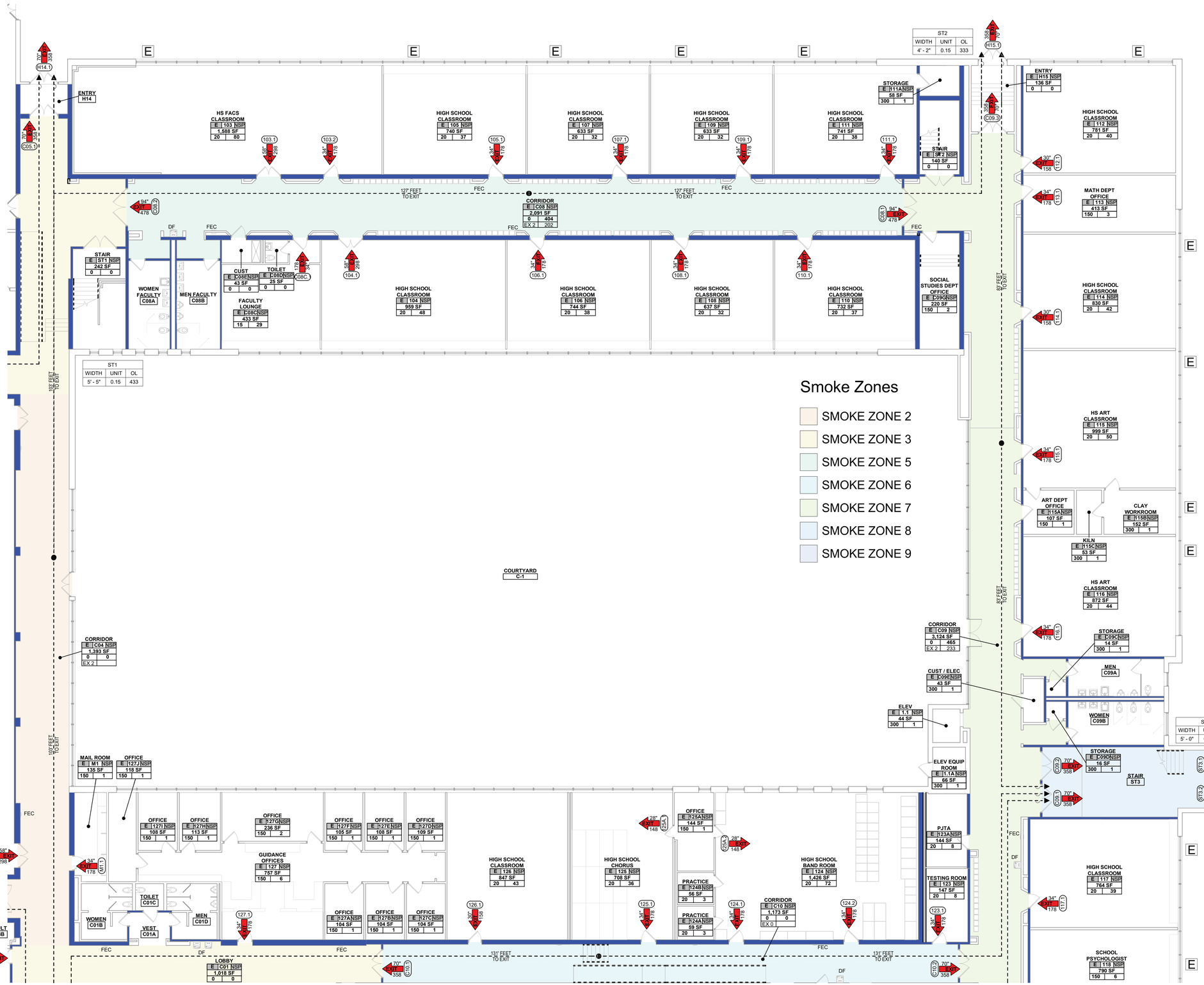
PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

REV	DATE	DESCRIPTION

DRAWN BY: TMF	PROJECT NUMBER: 2019-011 PH2
CHECKED BY: SJD	DATE: 10/6/2023

OCCUPANCY & EGRESS PLAN - FIRST FLOOR AREA B

BUILDING	SHEET NUMBER
HS	CC111



1 OCCUPANCY AND EGRESS - HS FIRST FLOOR AREA C 2
SCALE: 1" = 10'-0"

CODE COMPLIANCE LEGEND

- # — NUMBER OF OCCUPANTS PER ROOM
- E — EGRESS WINDOW
- 13 — TRAVEL PATH TO EXIT (ADDITIVE OCCUPANT LOAD ALONG TRAVEL PATH TO EXIT)
- TRAVEL PATH
- COMMON PATH (CP:0'-0")
- EXISTING 1-HOUR FIRE/SMOKE BARRIER
- 1-HOUR FIRE BARRIER
- FEC — FIRE EXTINGUISHER CABINET
- FE — FIRE EXTINGUISHER
- DF — DRINKING FOUNTAIN
- EXIT

TXXX		
WIDTH	UNIT	CAPACITY
0'-0"	0.2"	100

DOOR NUMBER (AS APPLICABLE); OCCUPANT LOAD CAPACITY; OCCUPANT LOAD FACTOR; DOOR CLEAR WIDTH

GENERAL OCCUPANCY & EGRESS NOTES:

A. REFER TO CODE INFORMATION AND CALCULATIONS SHEET FOR ALTERATION LEVEL INFORMATION.

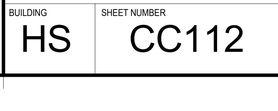
B. SMOKE ZONES ARE INDICATED WITH SHADING PER THE SMOKE ZONE LEGEND.

C. EACH FLOOR LEVEL IS SEPARATED BY AN SED MPS SMOKE BARRIER TO CREATE A REQUIRED SMOKE ZONE.

D. ALL STAIRS ARE ENCLOSED WITH CONSTRUCTION TO EFFECTIVELY OBSTRUCT THE PASSAGE OF SMOKE.

E. OCCUPANT LOADS: ALL SPACES ARE CALCULATED AS 'E' (EDUCATION) OCCUPANCIES UNLESS NOTED OTHERWISE.

KEY PLAN:



SED CONTROL NO. 44-18-00-05-0-012-040

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PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

REV	DATE	DESCRIPTION

DRAWN BY TMF	PROJECT NUMBER 2019-011 PH2
CHECKED BY SJD	DATE 10/6/2023

OCCUPANCY & EGRESS PLAN - FIRST FLOOR AREA C

BUILDING	SHEET NUMBER
HS	CC112

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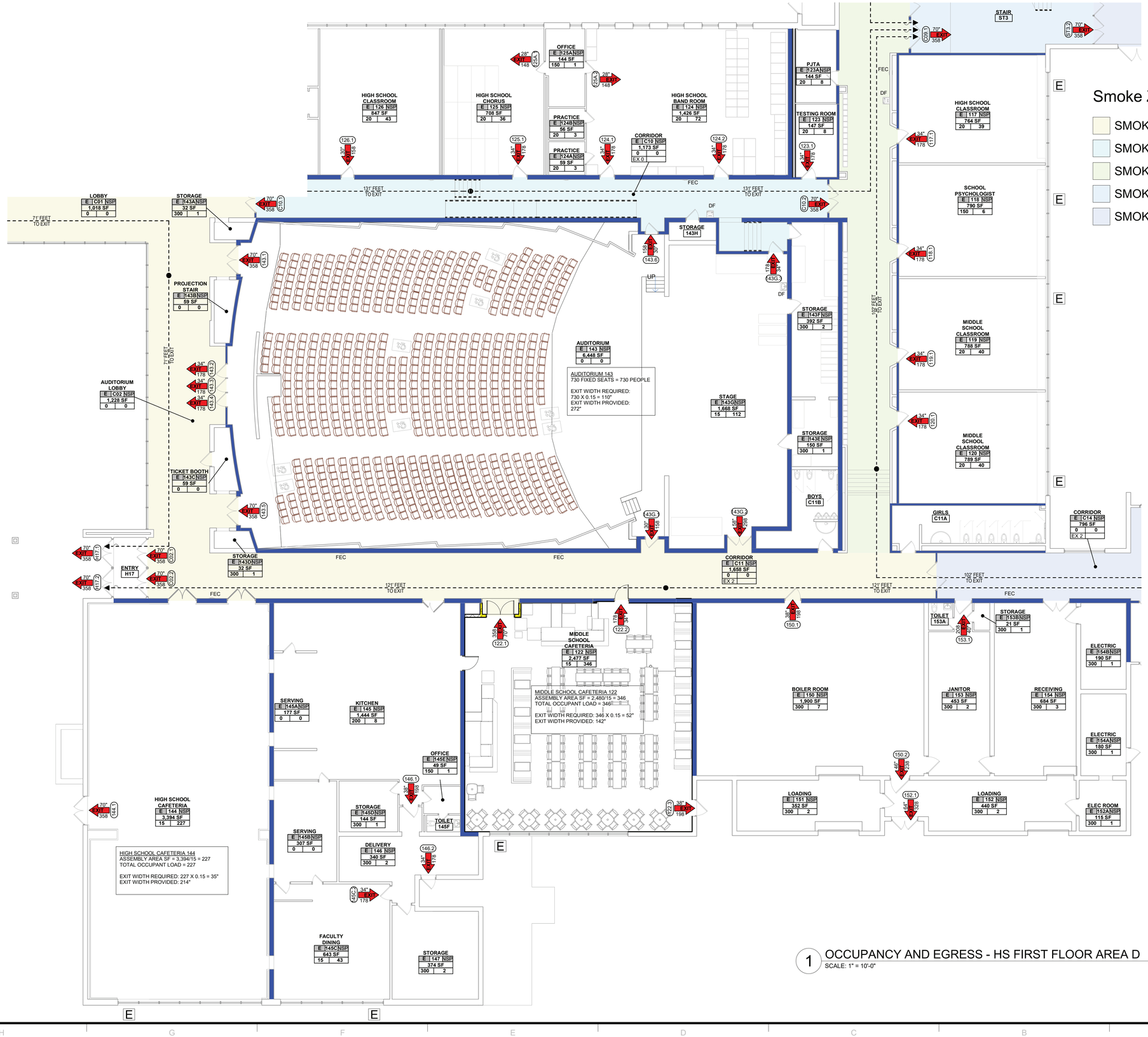


1 OCCUPANCY AND EGRESS - HS FIRST FLOOR AREA D
SCALE: 1" = 10'-0"

CODE COMPLIANCE LEGEND

- # — NUMBER OF OCCUPANTS PER ROOM
- E — EGRESS WINDOW
- 13 — TRAVEL PATH TO EXIT; ADDITIVE OCCUPANT LOAD ALONG TRAVEL PATH TO EXIT
- TRAVEL PATH
- COMMON PATH (CP:0'-0")
- EXISTING 1-HOUR FIRE/SMOKE BARRIER
- 1-HOUR FIRE BARRIER
- FEC — FIRE EXTINGUISHER CABINET
- FE — FIRE EXTINGUISHER
- DF — DRINKING FOUNTAIN
- EXIT
- TXXX — DOOR NUMBER (AS APPLICABLE)

WIDTH	UNIT	CAPACITY
0'-0"	0.2"	100

WIDTH: OCCUPANT LOAD CAPACITY; UNIT: OCCUPANT LOAD FACTOR; CAPACITY: DOOR CLEAR WIDTH

GENERAL OCCUPANCY & EGRESS NOTES:

A. REFER TO CODE INFORMATION AND CALCULATIONS SHEET FOR ALTERATION LEVEL INFORMATION.

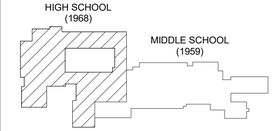
B. SMOKE ZONES ARE INDICATED WITH SHADING PER THE SMOKE ZONE LEGEND.

C. EACH FLOOR LEVEL IS SEPARATED BY AN SED MPS SMOKE BARRIER TO CREATE A REQUIRED SMOKE ZONE.

D. ALL STAIRS ARE ENCLOSED WITH CONSTRUCTION TO EFFECTIVELY OBSTRUCT THE PASSAGE OF SMOKE.

E. OCCUPANT LOADS: ALL SPACES ARE CALCULATED AS 'E' (EDUCATION) OCCUPANCIES UNLESS NOTED OTHERWISE.

KEY PLAN:



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PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

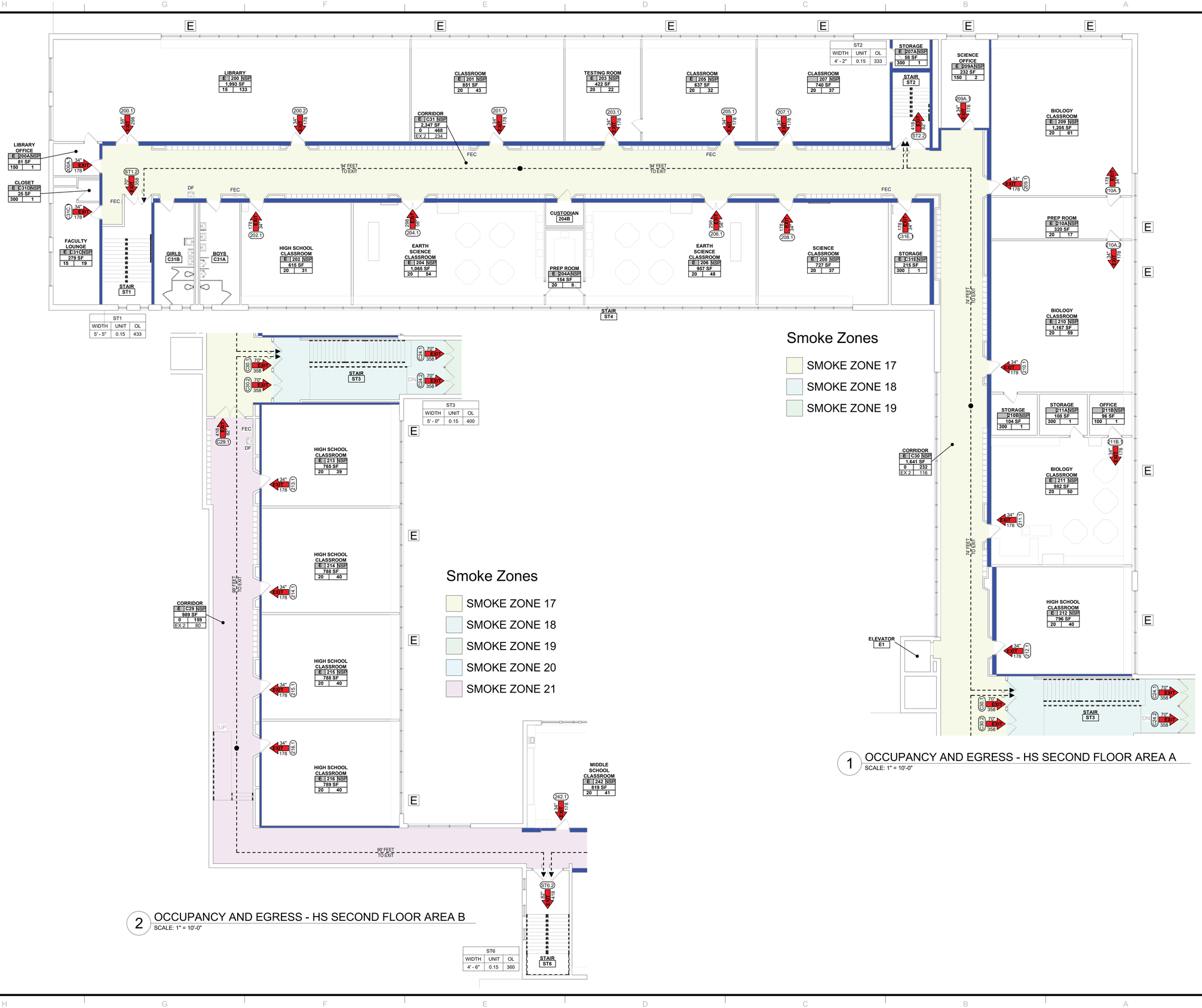
REV	DATE	DESCRIPTION

DRAWN BY: TMF	PROJECT NUMBER: 2019-011 PH2
CHECKED BY: SJD	DATE: 10/6/2023

OCCUPANCY & EGRESS PLAN - FIRST FLOOR AREA D

BUILDING	SHEET NUMBER
HS	CC113

10/9/2023 1:40:51 PM



1 OCCUPANCY AND EGRESS - HS SECOND FLOOR AREA A
SCALE: 1" = 10'-0"

2 OCCUPANCY AND EGRESS - HS SECOND FLOOR AREA B
SCALE: 1" = 10'-0"

CODE COMPLIANCE LEGEND

- # — NUMBER OF OCCUPANTS PER ROOM
- E — EGRESS WINDOW
- 13 — TRAVEL PATH TO EXIT; ADDITIVE OCCUPANT LOAD ALONG TRAVEL PATH TO EXIT
- TRAVEL PATH
- COMMON PATH (CP:0'-0")
- EXISTING 1-HOUR FIRE/SMOKE BARRIER
- 1-HOUR FIRE BARRIER
- FEC — FIRE EXTINGUISHER CABINET
- FE — FIRE EXTINGUISHER
- DF — DRINKING FOUNTAIN
- EXIT

TXXX		
WIDTH	UNIT	CAPACITY
0'-0"	0.2"	100

DOOR NUMBER (AS APPLICABLE); OCCUPANT LOAD CAPACITY; OCCUPANT LOAD FACTOR; DOOR CLEAR WIDTH

GENERAL OCCUPANCY & EGRESS NOTES:

A. REFER TO CODE INFORMATION AND CALCULATIONS SHEET FOR ALTERATION LEVEL INFORMATION.

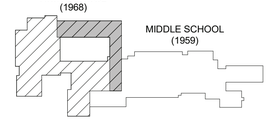
B. SMOKE ZONES ARE INDICATED WITH SHADING PER THE SMOKE ZONE LEGEND.

C. EACH FLOOR LEVEL IS SEPARATED BY AN SED MPS SMOKE BARRIER TO CREATE A REQUIRED SMOKE ZONE.

D. ALL STAIRS ARE ENCLOSED WITH CONSTRUCTION TO EFFECTIVELY OBSTRUCT THE PASSAGE OF SMOKE.

E. OCCUPANT LOADS: ALL SPACES ARE CALCULATED AS 'E' (EDUCATION) OCCUPANCIES UNLESS NOTED OTHERWISE.

KEY PLAN:



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PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

REV	DATE	DESCRIPTION

DRAWN BY TMF	PROJECT NUMBER 2019-011 PH2
CHECKED BY SJD	DATE 10/6/2023

OCCUPANCY & EGRESS PLAN - SECOND FLOOR AREAS A & B

BUILDING	SHEET NUMBER
HS	CC114

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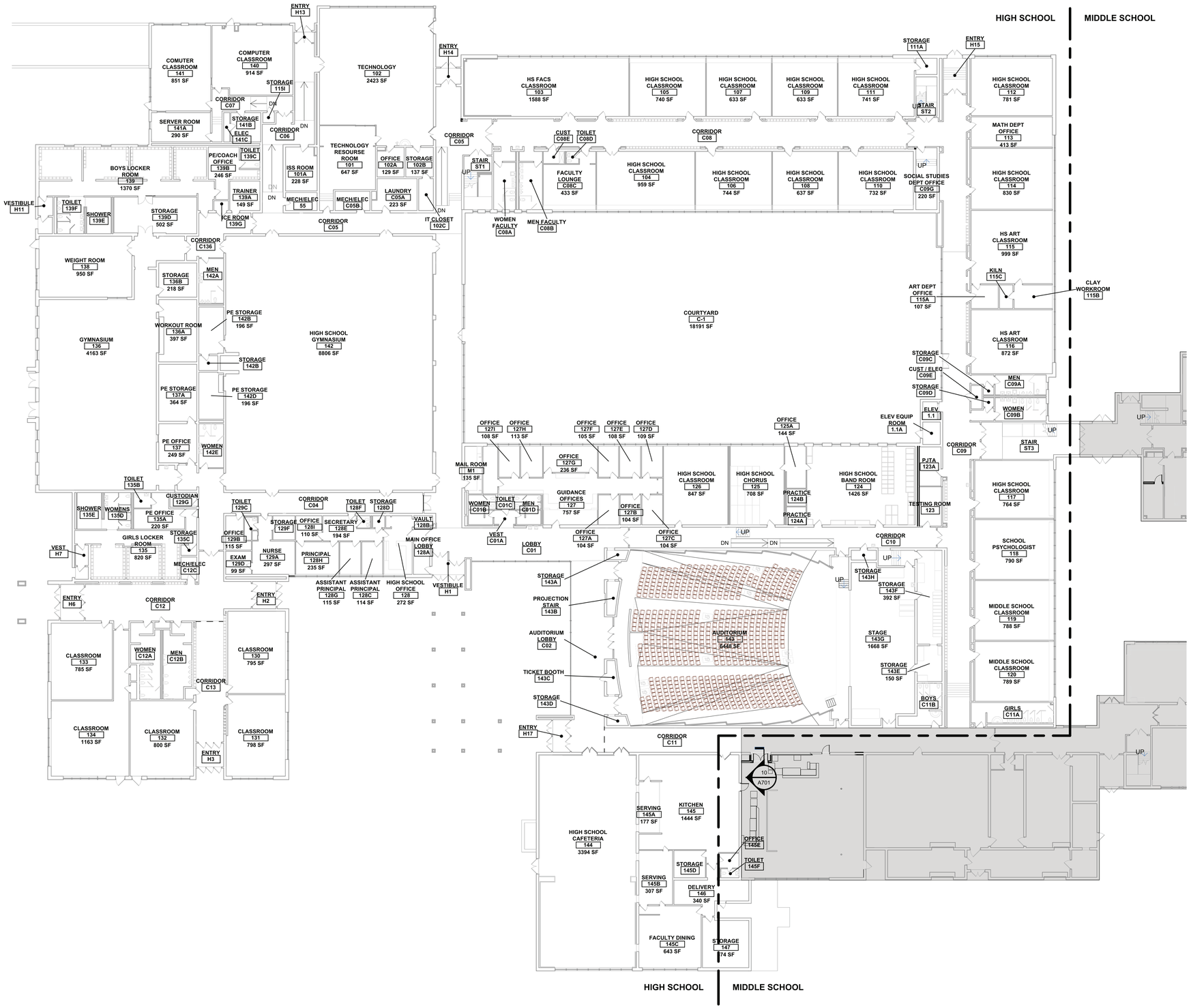

1 FIRST FLOOR REFERENCE PLAN - HIGH SCHOOL
SCALE: NOT TO SCALE

GENERAL REFERENCE PLAN NOTES:

A. REFER TO CODE COMPLIANCE DRAWINGS FOR ALL CODE RELATED REQUIREMENTS.

B. MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHOWN ON FLOOR PLANS ARE SHOWN FOR REFERENCE PURPOSES ONLY. REFER TO MEP DRAWINGS FOR ADDITIONAL INFORMATION.

C. ALL FURNITURE SHOWN IS TO BE PROVIDED BY OWNER UNO.

D. REFER TO FINISH PLANS FOR ALL FINISHES AND FLOOR PATTERNS.

E. REFER TO ENLARGED PLANS FOR ADDITIONAL DIMENSIONS INFO & DETAIL.

KEY PLAN:

SED CONTROL NO. 44-18-00-05-0-012-040

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PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

REV	DATE	DESCRIPTION

DRAWN BY: TMF	PROJECT NUMBER: 2019-011 PH2
CHECKED BY: BJL	DATE: 10/6/2023

REFERENCE PLAN - FIRST FLOOR

BUILDING	SHEET NUMBER
HS	AR110

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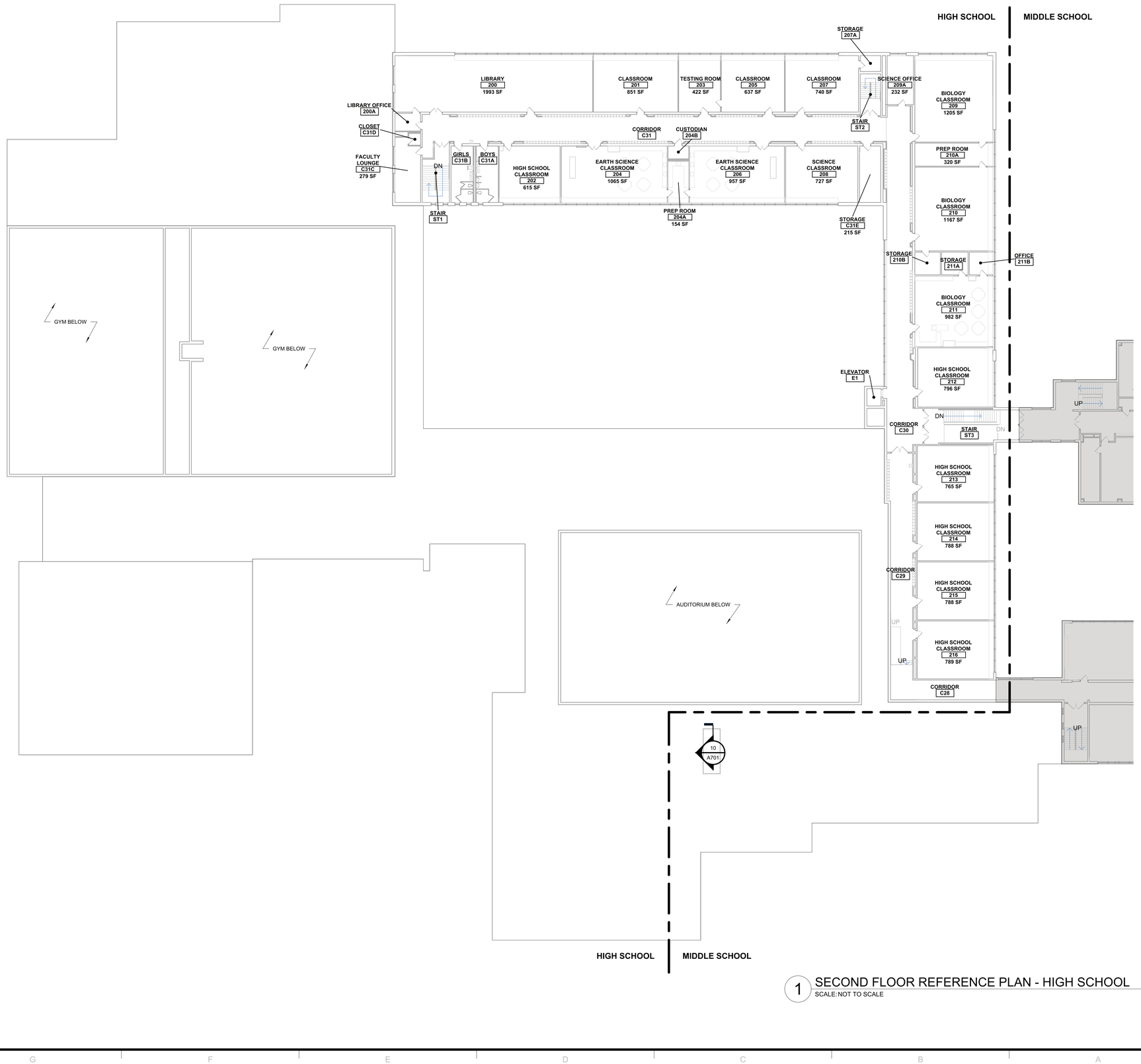


1 SECOND FLOOR REFERENCE PLAN - HIGH SCHOOL
SCALE: NOT TO SCALE

GENERAL REFERENCE PLAN NOTES:

A. REFER TO CODE COMPLIANCE DRAWINGS FOR ALL CODE RELATED REQUIREMENTS.

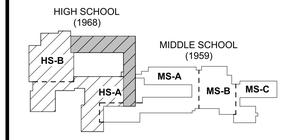
B. MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHOWN ON FLOOR PLANS ARE SHOWN FOR REFERENCE PURPOSES ONLY. REFER TO MEP DRAWINGS FOR ADDITIONAL INFORMATION.

C. ALL FURNITURE SHOWN IS TO BE PROVIDED BY OWNER UNO.

D. REFER TO FINISH PLANS FOR ALL FINISHES AND FLOOR PATTERNS.

E. REFER TO ENLARGED PLANS FOR ADDITIONAL DIMENSIONS INFO & DETAIL.

KEY PLAN:



SED CONTROL NO. 44-18-00-05-0-012-040

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PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

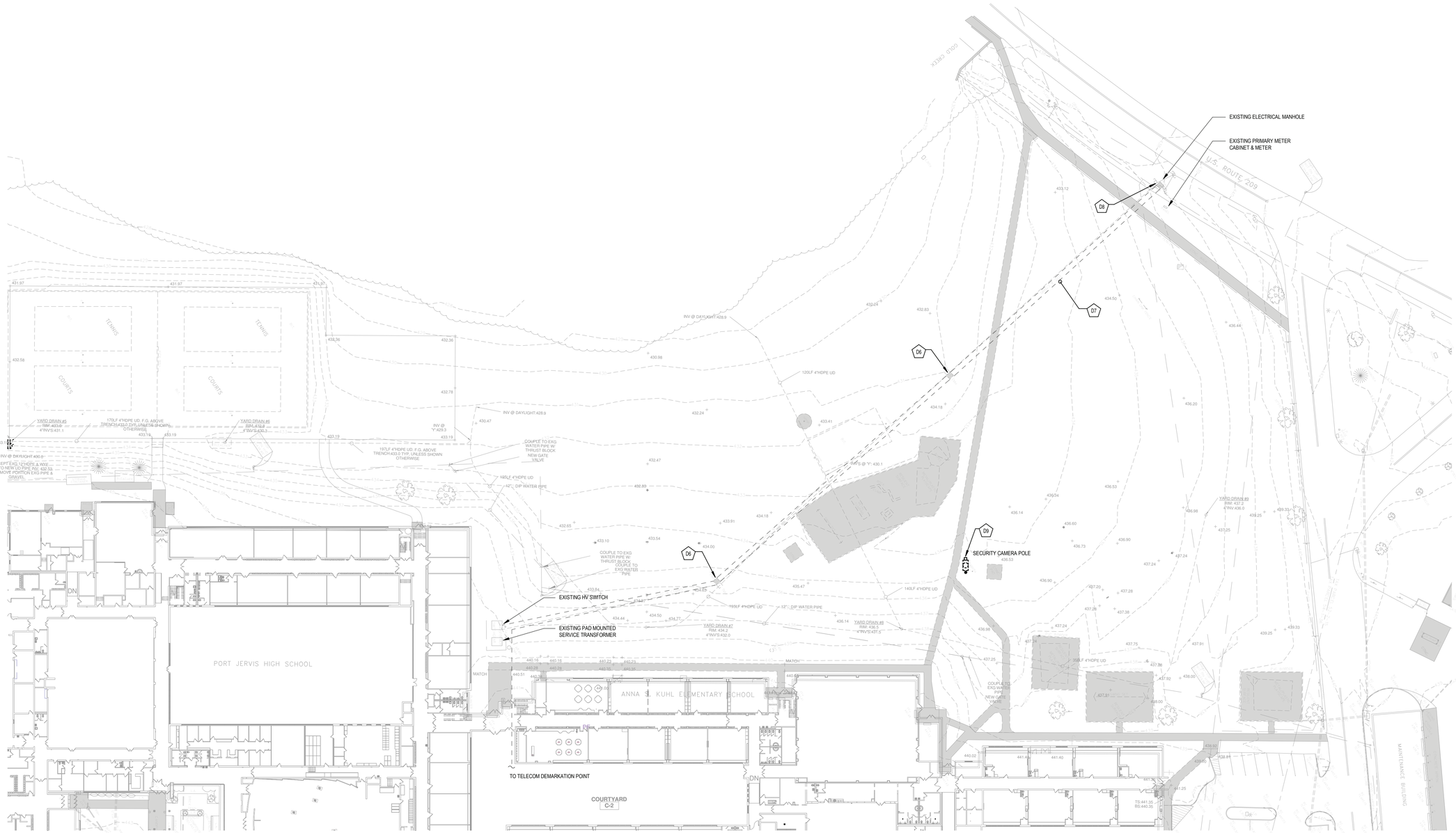
REV	DATE	DESCRIPTION

DRAWN BY TMF	PROJECT NUMBER 2019-011 PH2
CHECKED BY BJL	DATE 10/6/2023

REFERENCE PLAN - SECOND FLOOR

BUILDING	SHEET NUMBER
HS	AR111

10/9/2023 12:25:50 PM



1 ED002 SITE ELECTRICAL DEMOLITION PLAN
1" = 40'-0"
0 1' 2' 3'

GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

DEMOLITION KEYNOTE LEGEND

- D6 REMOVE (1) EXISTING ELECTRIC MANHOLE AND (1) EXISTING TELECOMMUNICATION MANHOLE IN THEIR ENTIRETIES.
- D7 REMOVE EXISTING 50 PAIR TELEPHONE LINE 3/4" CO-AXIAL CABLE AND 12 STRAND FIBER OPTIC LINE FROM UTILITY POLE TO ELECTRIC ROOM IN MAIN BUILDING.
- D8 COORDINATE WITH UTILITY TO DISCONNECT EXISTING HV FEED TO BUILDING THEN CONTRACTOR TO REMOVE EXISTING HV WIRING FROM UTILITY POLE TO EXISTING HIGH VOLTAGE PRESSURE SWITCH.
- D9 DISCONNECT AND REMOVE EXISTING CCTV CAMERA FROM POLE AND ALL FEED BACK TO MAIN BUILDING. REMOVE POLE AND POLE BASE IN ITS ENTIRETY.

KEY PLAN:

SED CONTROL NO. 44-18-00-05-0-012-040

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PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

REV	DATE	DESCRIPTION

DRAWN BY SMG	PROJECT NUMBER 2019-011 PH2
CHECKED BY SGV	DATE 10/6/23

ELECTRICAL SITE DEMOLITION PLAN

BUILDING	SHEET NUMBER
HS	ED002

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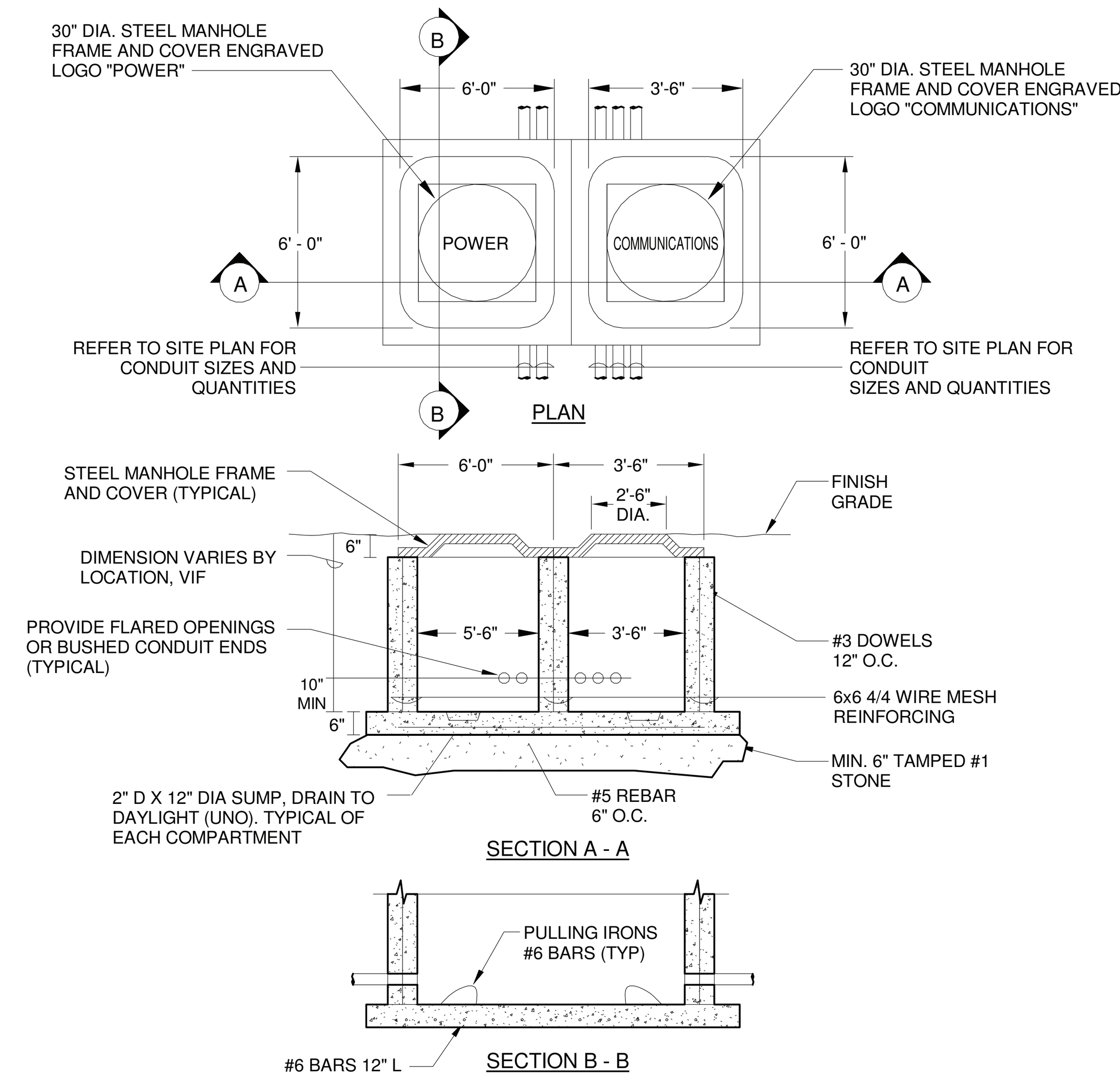


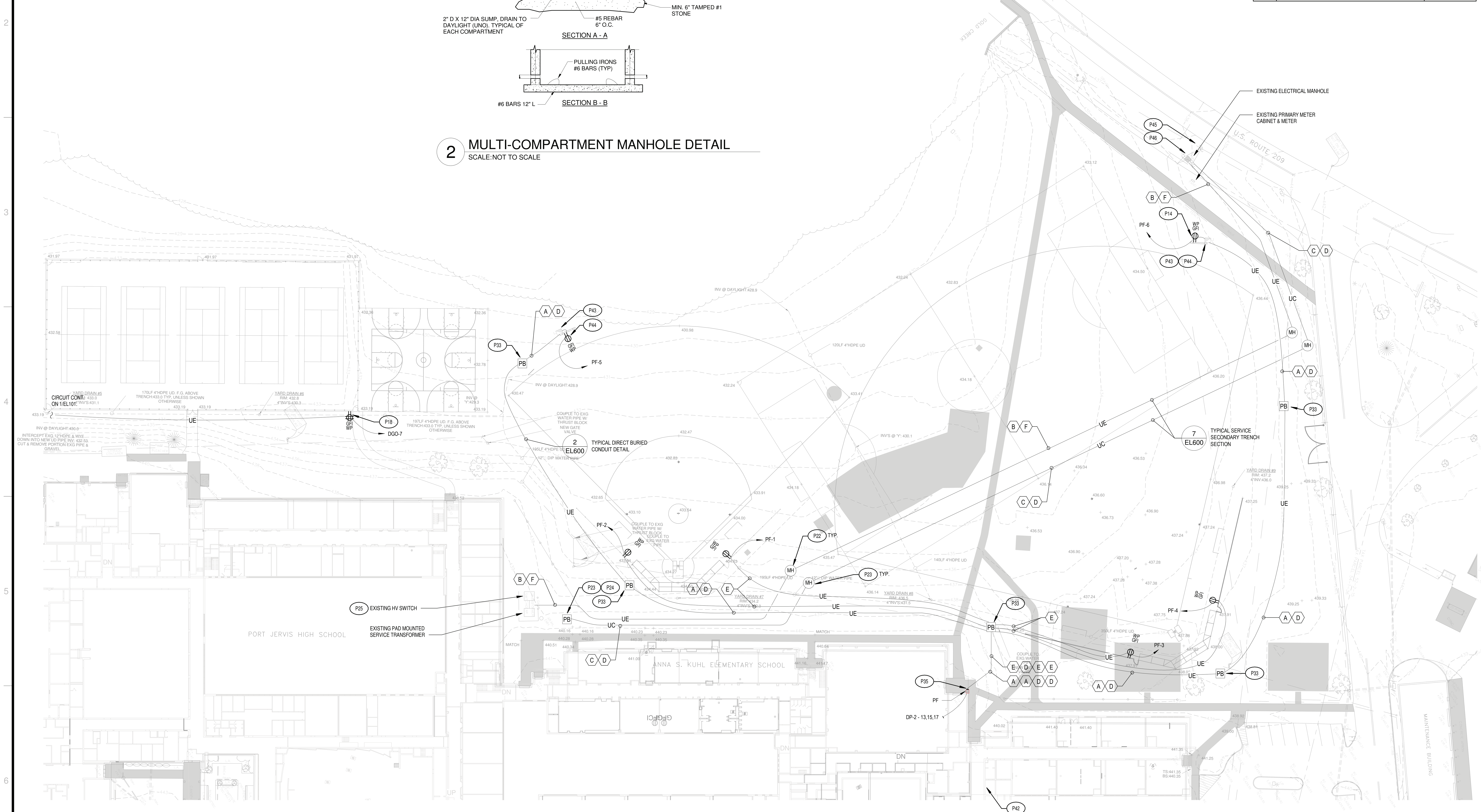
2 MULTI-COMPARTMENT MANHOLE DETAIL
SCALE:NOT TO SCALE

SITE PLAN SHEET NOTES

A ALL LIGHTING AND POWER CONDUCTORS SHALL BE INSTALLED BETWEEN 24" (MINIMUM) AND 36" (MAXIMUM) BELOW FINISHED GRADE.

B ALL COMMUNICATIONS CONDUIT AND CABLES SHALL BE INSTALLED 24" (MINIMUM) BELOW FINISHED GRADE.

UNDERGROUND ELECTRICAL REFERENCE TAGS		
ITEM	CONDUCTORS/CABLINGS	CONDUITS
A	(2)-#2 WITH (1)-#8G	2" SCH. 80 PVC
B	#2 15kV HV CABLE	4" RGS CONDUIT
C	CORNING #0122SP-T4101D20 FIBER & 25 PAIR 24AWG CAT.3 TELCO WIRE	4" SCH. 80 PVC
D	SPARE	2" SCH. 80 PVC
E	(2)-#8 WITH (1)-#10G	1" SCH. 80 PVC
F	SPARE	4" RGS CONDUIT



1 ELECTRICAL SITE PLAN
EL102 1" = 40'-0"
0 1' 2' 3'

GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

KEYNOTE LEGEND

P14 PROVIDE A GFCI DUPLEX RECEPTACLE IN A NEMA 3R WEATHERPROOF COVER AT 36" ABOVE FINISHED GRADE.

P18 PROVIDE A GFCI DUPLEX RECEPTACLE IN A NEMA 3R WEATHERPROOF COVER AT 48" ABOVE FINISHED GRADE. REFER TO 6/EL600 FOR ADDITIONAL INFORMATION.

P22 PROVIDE A NEW CONCRETE MANHOLE WITH "HIGH VOLTAGE" COVER AT LOCATION SHOWN. ROUTE CONDUITS FOR ELECTRIC SERVICE THROUGH MANHOLE. TYPICAL FOR ALL UNDERGROUND ELECTRIC MANHOLES SHOWN. REFER TO DETAIL ON 2/EL102 FOR ADDITIONAL INFORMATION.

P23 PROVIDE A NEW PULL BOX WITH "COMMUNICATIONS" COVER AT LOCATION SHOWN. ROUTE ALL COMMUNICATIONS CONDUITS THROUGH PULL BOX. TYPICAL FOR ALL UNDERGROUND COMMUNICATION MANHOLES SHOWN. REFER TO DETAIL ON 2/EL102 FOR ADDITIONAL INFORMATION.

P24 PULL BOX TO BE LOCATED AT LOCATION OF EXISTING COMMUNICATIONS CONDUITS RUNNING INTO BUILDING. CUT EXISTING CONDUITS AND INTEGRATE CONDUITS INTO NEW PULL BOX.

P25 PROVIDE CONNECTIONS TO LINE SIDE OF HIGH VOLTAGE PRESSURE SWITCH. LOAD SIDE CONNECTION TO TRANSFORMER TO REMAIN AS IS.

P33 PROVIDE A PULL BOX WITH "ELECTRIC" COVER AT LOCATION SHOWN. REFER TO DETAIL 5/EL600 FOR ADDITIONAL INFORMATION.

P35 PROVIDE NEW PANEL AT LOCATION SHOWN. PROVIDE (4)-#2 WITH (1)-#8 GROUND IN 1 1/2" EMT TO FEED NEW PANEL INDICATED.

P42 APPROXIMATE LOCATION OF EXG. PANEL DP2. PROVIDE A 100A 3P BREAKER IN PANEL DP-2 TO FEED TO NEW PANEL PF.

P43 EXTEND FEEDER UP TO SCOREBOARD AND CONNECT THROUGH EXISTING TOGGLESWITCH ON REAR OF BOARD THEN TO SCOREBOARD.

P44 PROVIDE NEW STEEL SUPPORTS FOR RELOCATED SCOREBOARDS. BOTTOM OF SCOREBOARD TO BE 10'-0" ABOVE FINISHED GRADE. REFER TO DETAIL ON 1/EL600 FOR ADDITIONAL INFORMATION.

P45 CONTRACTOR TO TRANSITION CONDUITS INTO EXISTING MANHOLE THEN TO COORDINATE WITH UTILITY TO SPLICE/EXTEND FEEDER THRU PULLBOX UP EXISTING CONDUIT TO TOP OF UTILITY POLE.

P46 EXTEND (1)-4" CONDUIT WITH FIBER AND COPPER WIRING UP UTILITY POLE AND PROVIDE A 10'-0" SERVICE LOOP.

KEY PLAN:

SED CONTROL NO. 44-18-00-05-0-012-040

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PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

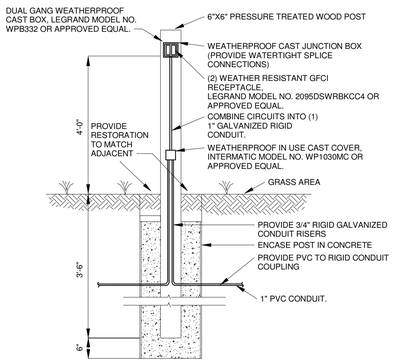
REV	DATE	DESCRIPTION

DRAWN BY: SMG	PROJECT NUMBER: 2019-011 PH2
CHECKED BY: SGV	DATE: 10/6/23

ELECTRICAL SITE PLAN

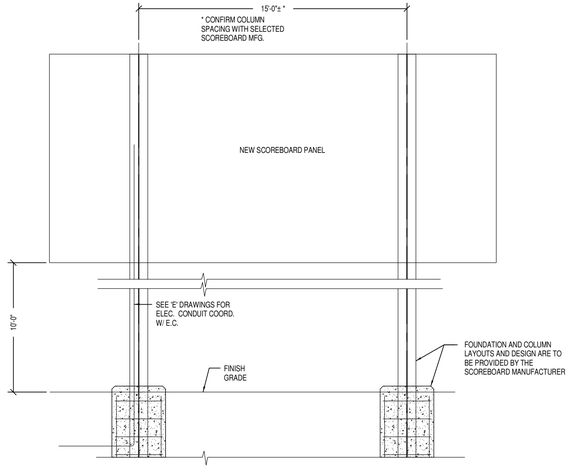
BUILDING: HS
SHEET NUMBER: EL102

10/9/2023 10:15:40 AM



6 TYPICAL DOUBLE DUPLEX POST MOUNT RECEPTACLE DETAIL

SCALE: 12" = 1'-0"



NOTES:

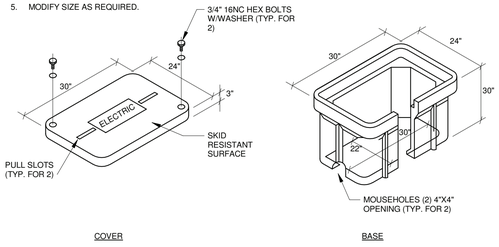
1. SCOREBOARD SYSTEM & CONTROLLER IS EXISTING TO BE REUSED AND RELOCATED.
2. CONTRACTOR IS RESPONSIBLE FOR DEWATERING FOOTING EXCAVATIONS UNTIL SCOREBOARD FOUNDATIONS ARE INSTALLED.

1 RELOCATED SCOREBOARDS

SCALE:NOT TO SCALE

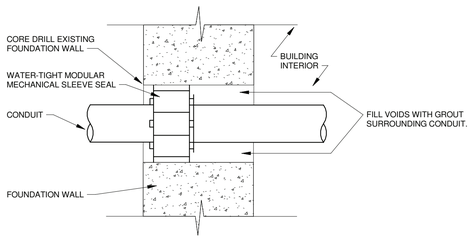
DETAIL NOTES:

1. PROVIDE QUAZITE/COMPOSOLITE #PG STYLE WITH MOUSEHOLES.
2. COORDINATE DEPTH OF HANDHOLES WITH EXISTING CONDITIONS IN THE FIELD.CONTRACTOR SHALL PROVIDE EXTENSION BOXES AS REQUIRED.
3. PROVIDE CRUSHED STONE BELOW HANDHOLE FOR DRAINAGE.
4. DETAIL IS FOR OPEN BOTTOM HANDHOLE.
5. MODIFY SIZE AS REQUIRED.



5 TYPICAL STACKABLE PULL BOX DETAIL

SCALE: 3/8" = 1'-0"



4 FOUNDATION PENETRATION DETAIL

SCALE: 12" = 1'-0"

DETAIL NOTES:

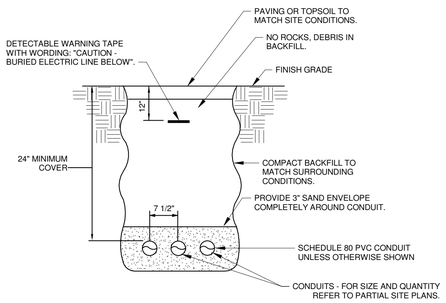
A. ALL CONDUITS TO BE 7 1/2" ON CENTER.

B. CONDUIT TRENCH AREA SHALL BE REPAIRED TO EXISTING CONDITIONS.

C. PROVIDE A MINIMUM OF 6" OF TOP SOIL DEPTH.

D. WHERE ADDITIONAL CONDUITS ARE REQUIRED, INCREASE TRENCH

E. WIDTH AND INSTALL CONDUITS WITH 7-1/2" MINIMUM SPACING ON CENTER.



2 TYPICAL DIRECT BURIED CONDUIT DETAIL

SCALE: 12" = 1'-0"

DETAIL NOTES:

1. REFER TO IDENTIFICATION SPECIFICATION 26 0553 FOR ADDITIONAL NAMEPLATE REQUIREMENTS.
2. NAMEPLATE SHALL BE LAMINATED THREE LAYER PLASTIC WITH ENGRAVED BLACK LETTERS ON WHITE CONTRASTING BACKGROUND. LETTER SIZE SHALL BE 1/8", MINIMUM PLATE THICKNESS 1/8".
3. SECURE NAMEPLATE TO SURFACES WITH (2) FLAT HEAD BRASS SCREWS. ADHESIVE CEMENT SHALL NOT BE ALLOWED.
4. NAMEPLATES SHALL BE USED TO IDENTIFY ANY NEW EQUIPMENT INSTALLED UNDER THIS PROJECT INCLUDING BUT NOT LIMITED TO ANY OF THE FOLLOWING:
5. PROVIDE LABEL FOR ALL RECEPTACLES WITH ASSOCIATED PANEL AND BREAKER NUMBER.

- PANELBOARDS
- SWITCHBOARDS
- SWITCHGEAR
- TRANSFORMERS
- SERVICE DISCONNECTS
- EQUIPMENT SAFETY SWITCHES / DISCONNECTS
- CIRCUIT BREAKERS IN DISTRIBUTION PANEL BOARDS
- TIME CLOCKS
- CONTACTOR PANELS
- MOTOR STARTERS
- VFD'S

EXAMPLE:

PANEL LP4A

120/208V
FED FROM MDP

1/4" LETTERS (TYPICAL)
1/8" LETTERS (TYPICAL)
1/8" LETTERS (TYPICAL)

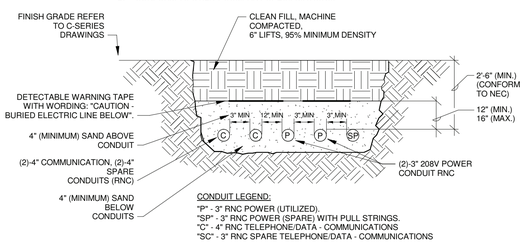
3 NAME PLATE DETAIL

SCALE: 12" = 1'-0"

NOTE:

A. TRENCH AND FILL AS PART OF C-SERIES DRAWINGS. PIPE AND CONDUCTORS AS PART OF E-SERIES CONTRACTOR.

B. CONFORM TO UTILITY COMPANY SPECIFICATIONS.



7 TYPICAL SERVICE SECONDARY TRENCH SECTION

SCALE: 12" = 1'-0"

Panel: PF

Location: PE STORAGE 170B
Supply From: DP-2
Mounting: SURFACE
Enclosure: NEMA 3R

Volts: 208Y/120
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 AMPS SYMMETRICAL
Mains Type: MAIN CB
Mains Rating: 100.0 A
MCB Rating: 100.0 A
Accessories:

Notes:

CKT	Circuit Description	Trip	Poles	Poles	Trip	Circuit Description	CKT
1	RECEPTACLE DUGOUT	20 A	1	1	20 A	RECEPTACLE DUGOUT	2
3	RECEPTACLE DUGOUT	20 A	1	1	20 A	RECEPTACLE DUGOUT	4
5	SCOREBOARD	20 A	1	1	20 A	SCOREBOARD	6
7	SPARE	20 A	1	1	20 A	SPARE	8
9	SPARE	20 A	1	1	20 A	SPARE	10
11	SPARE	20 A	1	1	20 A	SPARE	12
13	SPARE	20 A	1	1	20 A	SPARE	14
15	SPARE	20 A	1	1	20 A	SPARE	16
17	SPACE	--	1	1	--	SPACE	18
19	SPACE	--	1	1	--	SPACE	20
21	SPACE	--	1	1	--	SPACE	22
23	SPACE	--	1	1	--	SPACE	24
25	SPACE	--	1	1	--	SPACE	26
27	SPACE	--	1	1	--	SPACE	28
29	SPACE	--	1	1	--	SPACE	30

Panel: DGO

Location:
Supply From: BASEMENT PANEL
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 120/208
Phases: 1
Wires: 3

A.I.C. Rating: 10,000 AMPS SYMMETRICAL
Mains Type: MAIN CB
Mains Rating: 100.0 A
MCB Rating: 50.0 A
Accessories:

Notes:
SEE ELECTRICAL SITE PLANS FOR FEEDER INFORMATION.

CKT	Circuit Description	Trip	Poles	Poles	Trip	Circuit Description	CKT
1	SCOREBOARD	20 A	1	1	20 A	SCOREBOARD	2
3	RECEPTACLE DUGOUT	20 A	1	1	20 A	RECEPTACLE DUGOUT	4
5	RECEPTACLE DUGOUT	20 A	1	1	20 A	RECEPTACLE DUGOUT	6
7	RECEPTACLES TENNIS COURTS	20 A	1	1	20 A	SPARE	8
9	SPARE	20 A	1	1	20 A	SPARE	10
11	SPARE	20 A	1	1	20 A	SPARE	12
13	SPARE	20 A	1	1	--	SPACE	14
15	SPACE	--	1	1	--	SPACE	16
17	SPACE	--	1	1	--	SPACE	18
19	SPACE	--	1	1	--	SPACE	20
21	SPACE	--	1	1	--	SPACE	22
23	SPACE	--	1	1	--	SPACE	24

MINIMUM CONDUIT AND WIRE SCHEDULE

FEEDER TYPE	COPPER CONDUCTORS		CONDUIT SIZE			
	Ø & N	GND	2Ø+N+GND	3Ø+GND	3Ø+N+GND	3Ø+2N+2GND
20	#12	#12	16 (1/2")	16 (1/2")	16 (1/2")	21 (3/4")
30	#10	#10	16 (1/2")	16 (1/2")	21 (3/4")	21 (3/4")
40	#8	#10	21 (3/4")	21 (3/4")	27 (1")	27 (1")
55	#6	#10	27 (1")	27 (1")	27 (1")	27 (1")
70	#4	#8	35 (1 1/4")	35 (1 1/4")	35 (1 1/4")	35 (1 1/4")
85	#3	#8	35 (1 1/4")	35 (1 1/4")	35 (1 1/4")	41 (1 1/2")
95	#2	#8	35 (1 1/4")	35 (1 1/4")	41 (1 1/2")	41 (1 1/2")
110	#1	#6	41 (1 1/2")	41 (1 1/2")	41 (1 1/2")	53 (2")
150	#1/0	#6	41 (1 1/2")	41 (1 1/2")	53 (2")	53 (2")
175	#2/0	#6	53 (2")	53 (2")	53 (2")	63 (2 1/2")
200	#3/0	#6	53 (2")	53 (2")	53 (2")	63 (2 1/2")
230	#4/0	#4	53 (2")	53 (2")	63 (2 1/2")	63 (2 1/2")
255	250 kCM	#4	63 (2 1/2")	63 (2 1/2")	63 (2 1/2")	78 (3")
EQ	EQUIPMENT FEEDER - REFER TO ELECTRICAL EQUIPMENT SCHEDULE					

GENERAL NOTES:

A. THE ABOVE FEEDER SCHEDULE IS A SCHEDULE OF TYPICAL FEEDERS AND SOME SIZES MAY NOT BE UTILIZED.

B. ALL CONDUCTOR AMPACITIES ARE BASED ON TABLE 310-15(b)(16) OF THE NEC FOR COPPER CONDUCTOR TYPE THW/THWN.

C. FEEDER SIZES SHOWN ON THE RISER DIAGRAM INDICATE FEEDER AMPACITIES AND DO NOT NECESSARILY CORRESPOND TO CIRCUIT BREAKER AMPACITIES. CERTAIN FEEDERS MAY BE SIZED FOR THE DERATION FACTORS REQUIRED BY CODE AND/OR ARE OVERSIZED FOR VOLTAGE DROP.

D. WHERE MULTIPLE CONDUITS AND CONDUCTORS ARE INDICATED FOR A SINGLE FEEDER, EACH CONDUIT SHALL CONTAIN 1 PARALLEL PHASE, NEUTRAL, AND GROUND CONDUCTORS INDICATED.

E. CONDUIT ABOVE GRADE INDOORS SHALL BE EMT. CONDUIT ABOVE GRADE OUTDOORS SHALL BE GALVANIZED IMC OR RMC. CONDUIT BELOW GRADE SHALL BE PVC WITH GALVANIZED RMC ELBOWS. CONDUIT SIZE INDICATED IS MINIMUM SIZE REGARDLESS OF CONDUIT TYPE.

F. CONDUITS SIZED LARGER THAN INDICATED SHALL BE PERMITTED FOR RUNS WITH UP TO (4) 90° ELBOWS, OR FOR PULLING LONGER RUNS.

GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

KEY PLAN:

SED CONTROL NO. 44-18-00-05-0-012-040

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PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

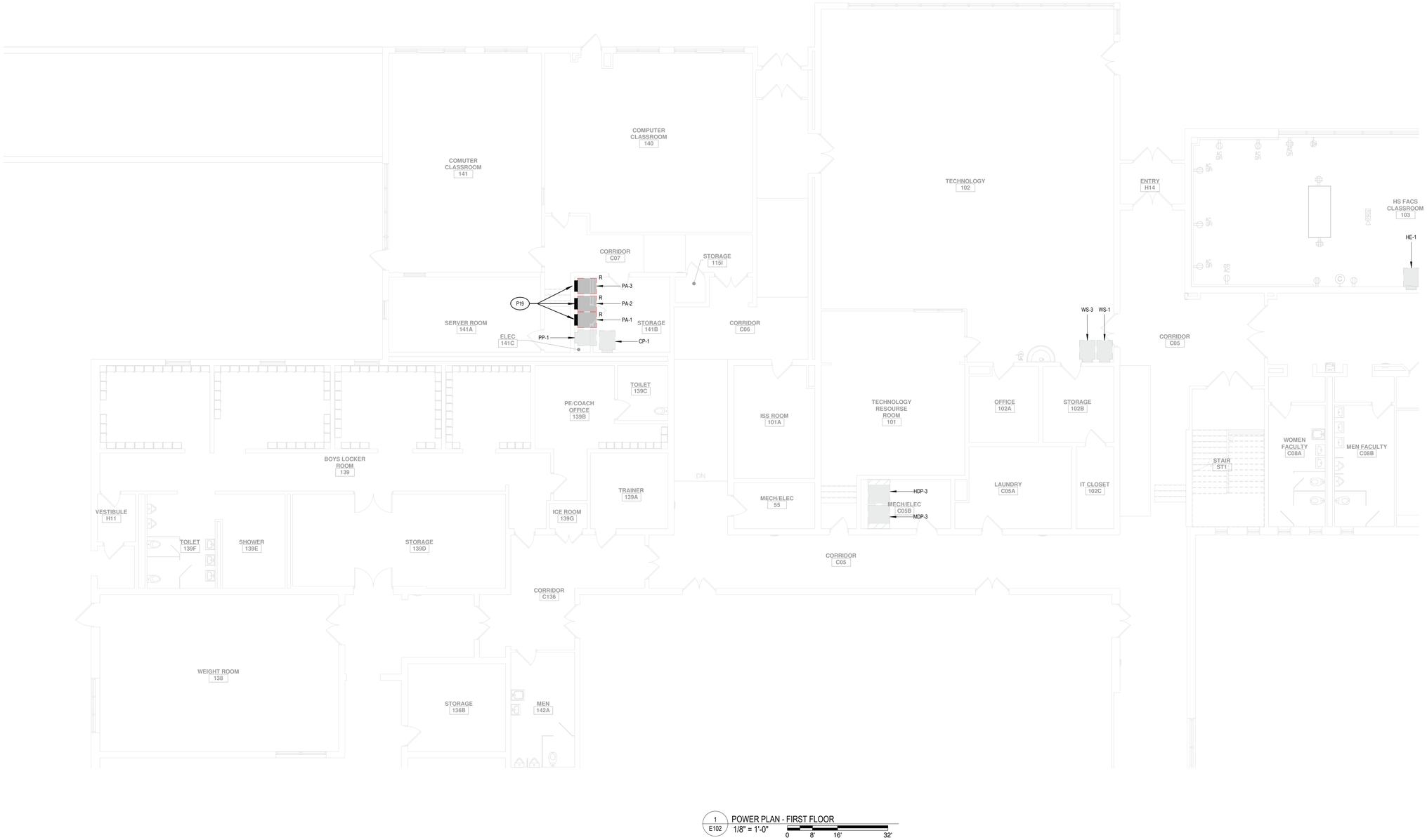
REV	DATE	DESCRIPTION

DRAWN BY: SMG	PROJECT NUMBER: 2019-011 PH2
CHECKED BY: SGV	DATE: 10/6/23

ELECTRICAL SCHEDULES & DETAILS

BUILDING	SHEET NUMBER
HS	EL600

10/9/2023 10:15:44 AM



1 / E102 POWER PLAN - FIRST FLOOR
1/8" = 1'-0"
0 8' 16' 32'

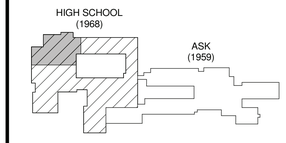
GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

KEYNOTE LEGEND

P19 REPLACE EXISTING SURFACE MOUNTED PANEL WITH NEW PANEL AT SAME LOCATION. DISCONNECT FEEDER AND BRANCH CIRCUIT WIRING. CUT BACK CONDUITS AS REQUIRED, AND INSTALL NEW PANEL. RECONNECT FEEDER AND BRANCH CIRCUIT WIRING. CONTRACTOR TO TRACE OUT ALL EXISTING BRANCH CIRCUITS. PROVIDE A NEW, TYPED DIRECTORY USING CORRECT ROOM NAMES AND NUMBERS. REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION.

KEY PLAN:



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PORT JERVIS CITY SCHOOL DISTRICT
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PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

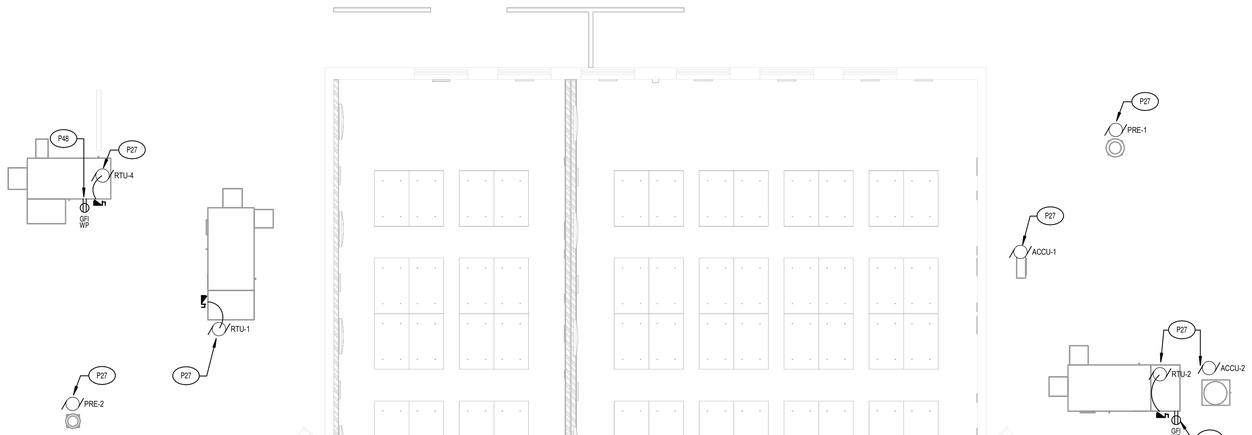
REV	DATE	DESCRIPTION

DRAWN BY SMG TMF	PROJECT NUMBER 2019-011 PH2
CHECKED BY SGV	DATE 10/6/23

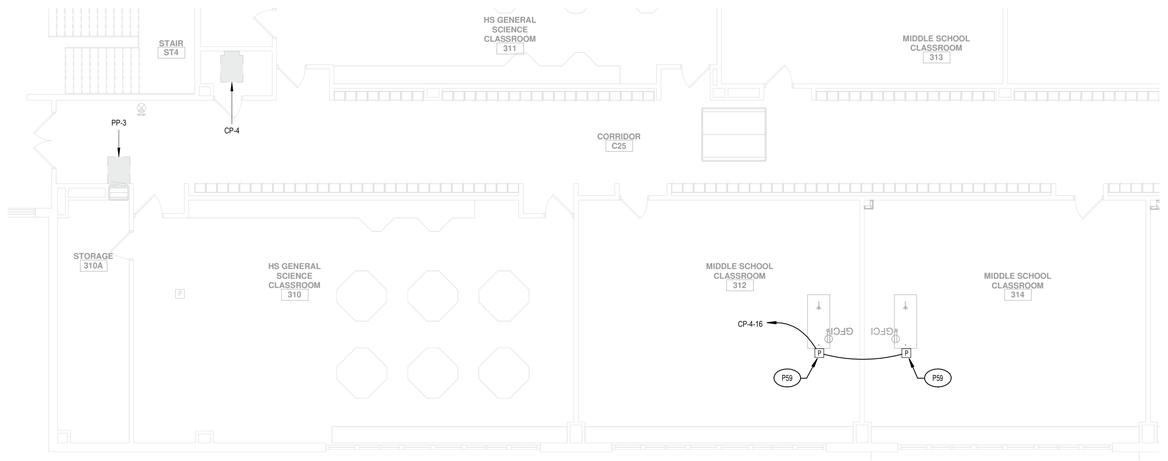
POWER PLAN - FIRST FLOOR AREA B

BUILDING	SHEET NUMBER
HS	E102

10/9/2023 10:16:28 AM



1 E103 POWER PLAN - SECOND FLOOR/ROOF AREA B MIDDLE SCHOOL
1/8" = 1'-0"
0 4' 8' 16'



2 E103 POWER PLAN - SECOND FLOOR AREA B
1/8" = 1'-0"
0 4' 8' 16'

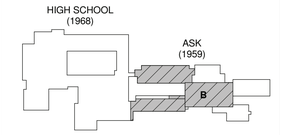
GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

KEYNOTE LEGEND

P27 REFER TO EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL INFORMATION.
P48 CIRCUIT TO NEAREST RECEPTACLE CIRCUIT IN ROOM BELOW.
P59 PROVIDE A TELE POWER POLE AT LOCATION SHOWN. PROVIDE 20A1P BREAKER UL-LISTED FOR USE IN EXISTING PANEL AND CIRCUIT AS SHOWN. CONNECT CIRCUIT TO RECEPTACLES BUILT INTO DEMOSTRATION TABLE.

KEY PLAN:



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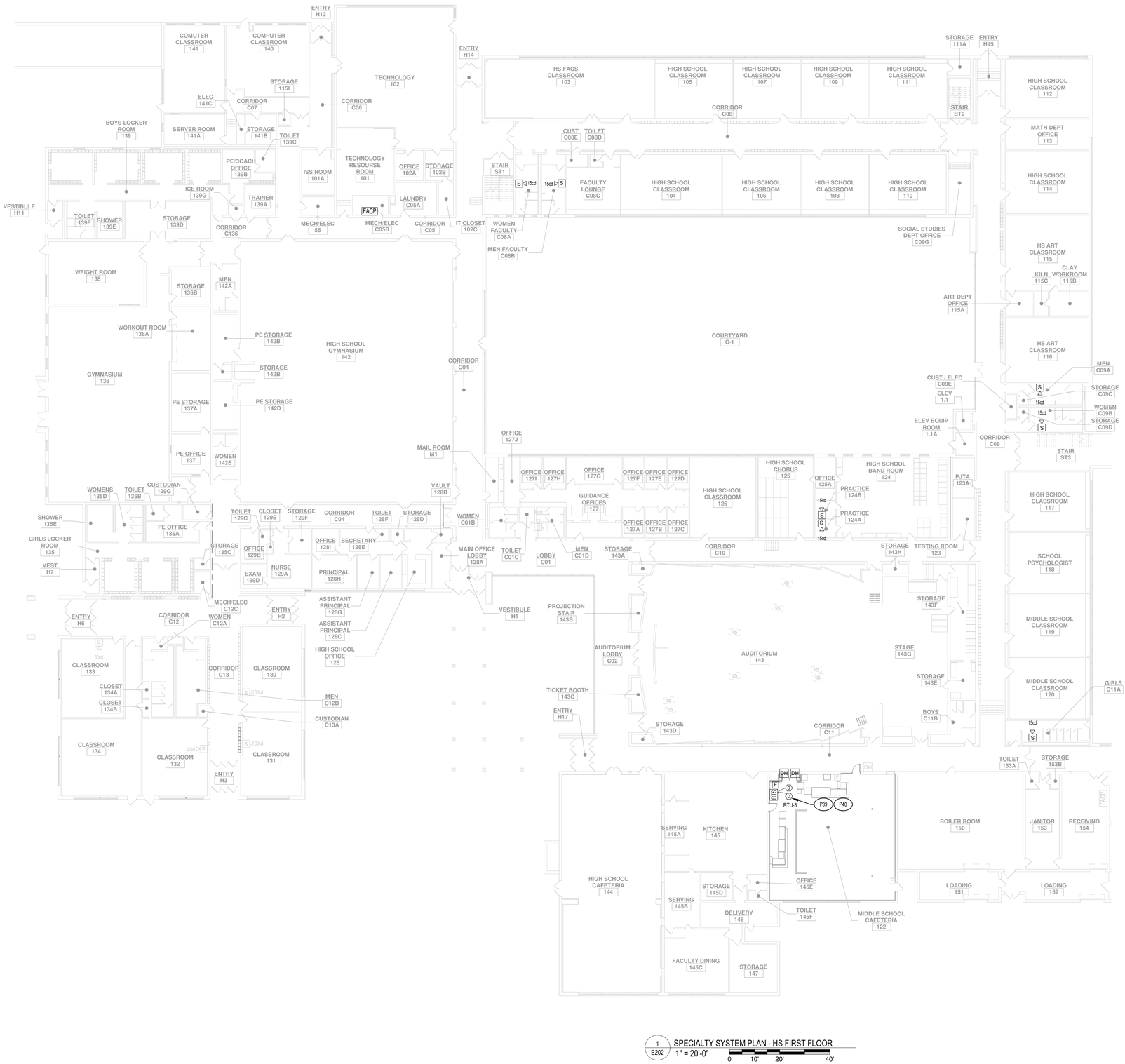
DRAWN BY SMG TMF	PROJECT NUMBER 2019-011 PH2
CHECKED BY SGV	DATE 10/6/23

POWER PLAN - SECOND FLOOR/ROOF AREA B

BUILDING	SHEET NUMBER
HS	E103

10/9/2023 10:16:34 AM



1 E202 SPECIALTY SYSTEM PLAN - HS FIRST FLOOR

1" = 20'-0"

0 10' 20' 40'

GENERAL NOTES:

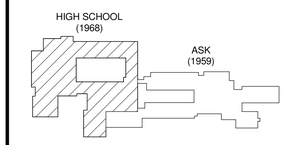
1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

KEYNOTE LEGEND

P39 PROVIDE A DEDICATED FIRE ALARM SHUT DOWN CIRCUIT AND RELAY FOR MECHANICAL UNIT INDICATED. CIRCUIT BACK TO FIRE ALARM CONTROL PANEL. PROGRAM AND TEST FACP TO ENSURE PROPER SHUTDOWN OPERATION UPON ACTIVATION OF FIRE ALARM.

P40 PROVIDE DEDICATED FIRE ALARM CIRCUIT FOR DUCT MOUNTED SMOKE DETECTOR ON SUPPLY SIDE OF MECHANICAL UNIT. CIRCUIT BACK TO FIRE ALARM CONTROL PANEL. PROGRAM AND TEST FACP TO ENSURE PROPER SHUTDOWN OPERATION UPON ACTIVATION OF FIRE ALARM.

KEY PLAN:



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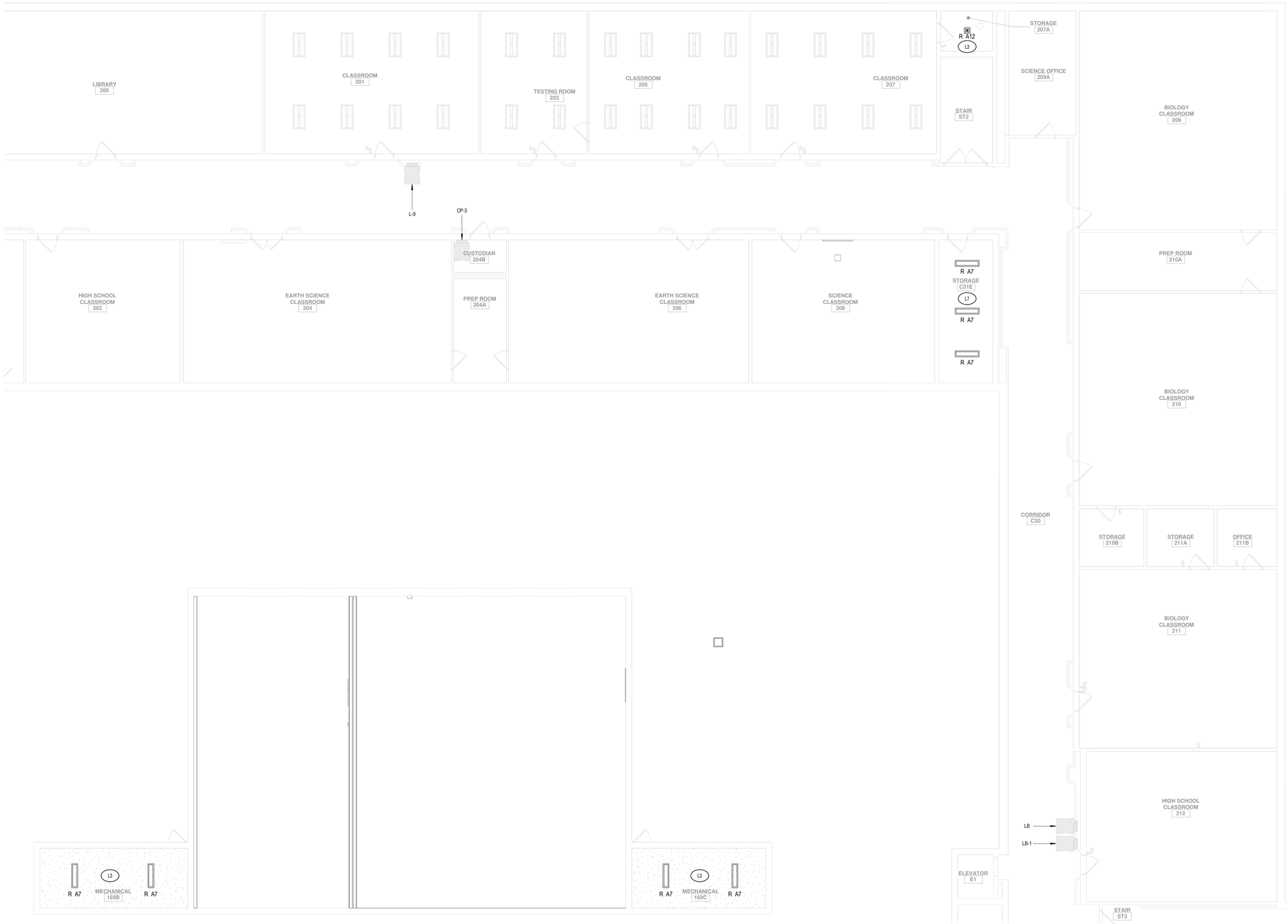
REV	DATE	DESCRIPTION

DRAWN BY SMG TMF	PROJECT NUMBER 2019-011 PH2
CHECKED BY SGV	DATE 10/6/23

SPECIALTY SYSTEM PLAN - HS FIRST FLOOR

BUILDING	SHEET NUMBER
HS	E202

10/9/2023 10:16:57 AM



2 E302 LIGHTING PLAN - MIDDLE SCHOOL SECOND FLOOR AREA B
1/8" = 1'-0"
0 4' 8' 16'

1 E302 LIGHTING PLAN - SECOND FLOOR AREA B
1/8" = 1'-0"
0 4' 8' 16'

GENERAL NOTES:

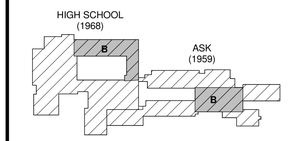
1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS
2. REFER TO DRAWINGS E320, E321, AND E322 FOR EXIT AND EMERGENCY LIGHTING.

KEYNOTE LEGEND

L3 REMOVE EXISTING LIGHT FIXTURE AND REPLACE WITH FIXTURE SHOWN. RECONNECT FIXTURES TO EXISTING CIRCUIT AND CONTROLS.

L7 CONTRACTOR TO DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE AND TAG CIRCUIT FOR REUSE. INSTALL NEW FIXTURES AT SAME LOCATION AND RECONNECT LIGHTING CIRCUIT.

KEY PLAN:



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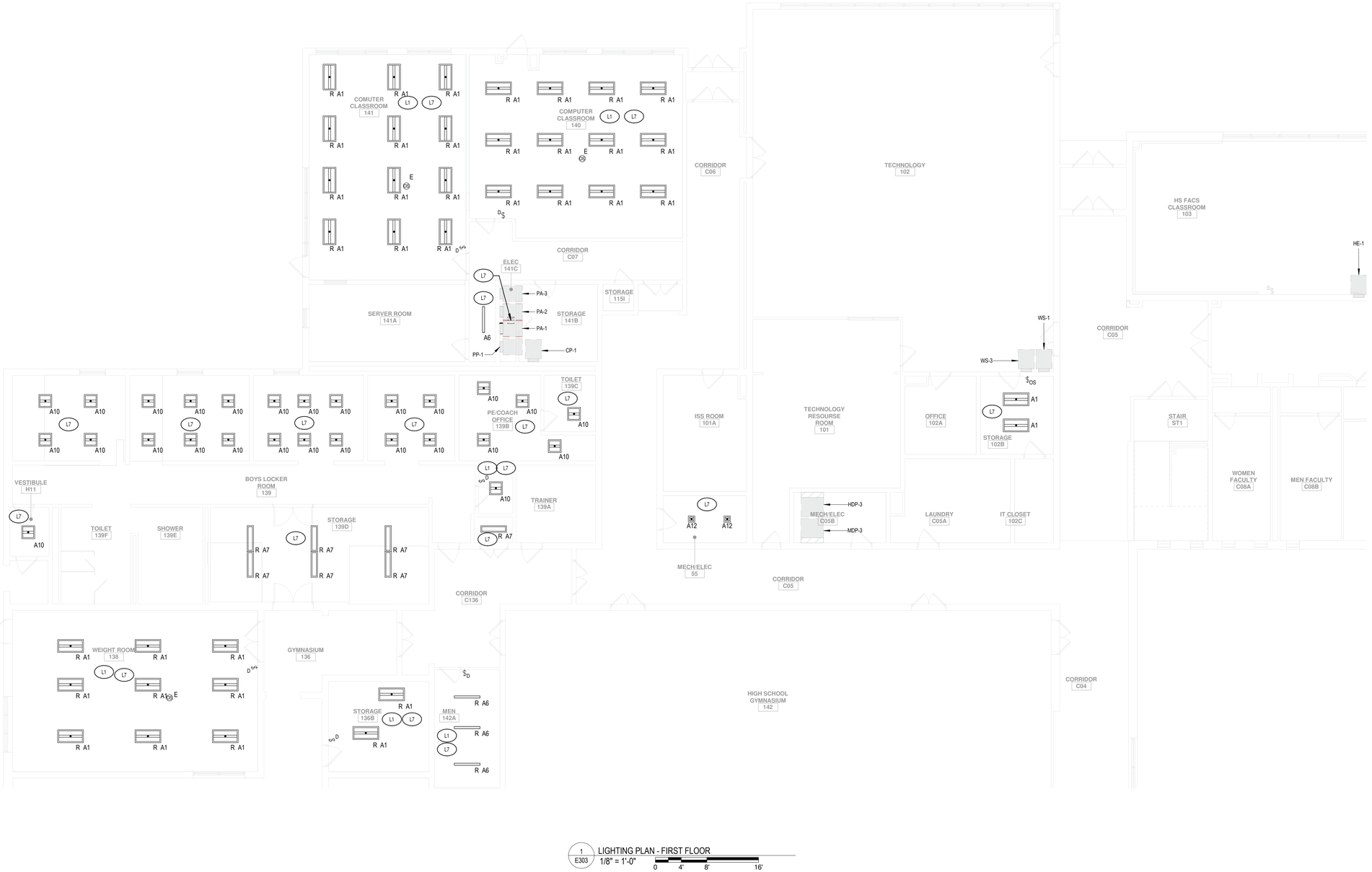
REV	DATE	DESCRIPTION

DRAWN BY SMG TMF	PROJECT NUMBER 2019-011 PH2
CHECKED BY SGV	DATE 10/6/23

LIGHTING PLAN - SECOND FLOOR AREA B

BUILDING	SHEET NUMBER
HS	E302

10/9/2023 10:17:21 AM



1 E303 LIGHTING PLAN - FIRST FLOOR
1/8" = 1'-0"
0 4' 8' 16'

GENERAL NOTES:

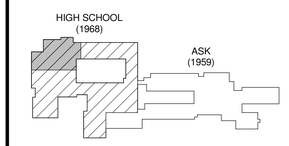
1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS
2. REFER TO DRAWINGS E320, E321, AND E322 FOR EXIT AND EMERGENCY LIGHTING.
3. CONTRACTOR TO PROVIDE MATERIAL AND LABOR PRICE TO PROVIDE (24) TYPE A11 LIGHT FIXTURES, DEMOLITION OF (24) 2X4 LIGHT FIXTURES, (6) DIMMER SWITCHES AND 0-10 VOLT CONTROL WIRING BETWEEN (24) LIGHT FIXTURES. ALL ABOVE TO INCLUDED IN THE BASE BID.

KEYNOTE LEGEND

L1 PROVIDE PLENUM RATED 0-10V CONTROL WIRING FROM DIMMER SWITCH TO ALL LIGHTING IN ROOM. CIRCUIT NEW LIGHTING TO EXISTING ROOM LIGHTING CIRCUIT. CONTRACTOR TO REPLACE EXISTING TOGGLE SWITCHES WITH A SINGLE DIMMER SWITCH. PROVIDE CUSTOM STAINLESS STEEL COVER PLATE OVER SWITCH OPENING.

L7 CONTRACTOR TO DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE AND TAG CIRCUIT FOR REUSE. INSTALL NEW FIXTURES AT SAME LOCATION AND RECONNECT LIGHTING CIRCUIT.

KEY PLAN:



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PORT JERVIS CITY SCHOOL DISTRICT
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Port Jervis - Orange County - New York

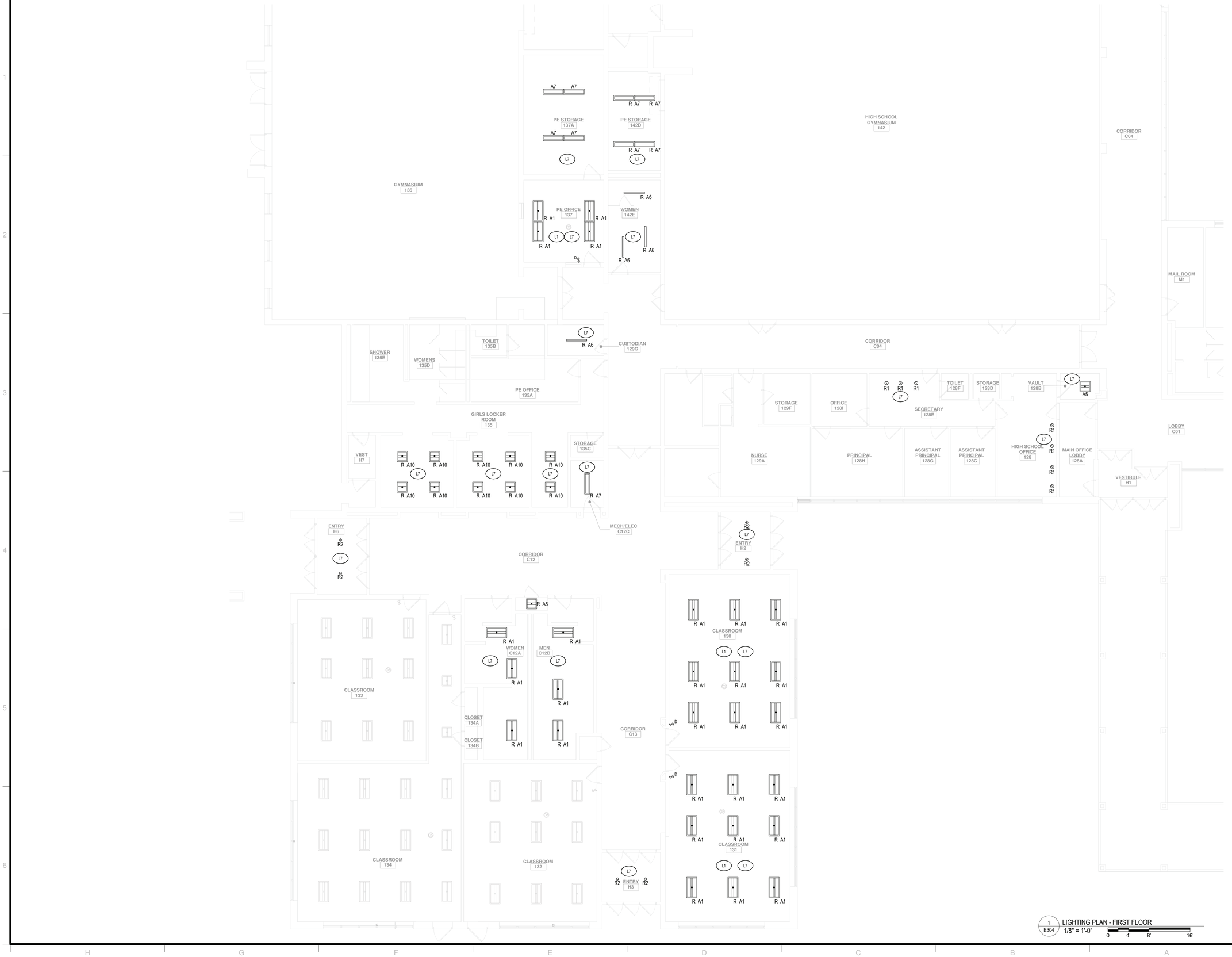
REV	DATE	DESCRIPTION

DRAWN BY TMF	PROJECT NUMBER 2019-011 PH2
CHECKED BY SGV	DATE 10/6/23

LIGHTING PLAN - HS FIRST FLOOR AREA B

BUILDING	SHEET NUMBER
HS	E303

10/9/2023 10:17:25 AM



1 E304 LIGHTING PLAN - FIRST FLOOR
1/8" = 1'-0"
0 4' 8' 16'

GENERAL NOTES:

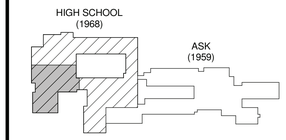
1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS
2. REFER TO DRAWINGS E320, E321, AND E322 FOR EXIT AND EMERGENCY LIGHTING.

KEYNOTE LEGEND

L1 PROVIDE PLENUM RATED 0-10V CONTROL WIRING FROM DIMMER SWITCH TO ALL LIGHTING IN ROOM. CIRCUIT NEW LIGHTING TO EXISTING ROOM LIGHTING CIRCUIT. CONTRACTOR TO REPLACE EXISTING TOGGLE SWITCHES WITH A SINGLE DIMMER SWITCH. PROVIDE CUSTOM STAINLESS STEEL COVER PLATE OVER SWITCH OPENING.

L7 CONTRACTOR TO DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE AND TAG CIRCUIT FOR REUSE. INSTALL NEW FIXTURES AT SAME LOCATION AND RECONNECT LIGHTING CIRCUIT.

KEY PLAN:



SED CONTROL NO. 44-18-00-05-0-012-040

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PORT JERVIS CITY SCHOOL DISTRICT
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PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

REV	DATE	DESCRIPTION

DRAWN BY: TMF	PROJECT NUMBER: 2019-011 PH2
CHECKED BY: SGV	DATE: 10/6/23

LIGHTING PLAN - HS FIRST FLOOR AREA B

BUILDING	SHEET NUMBER
HS	E304

10/9/2023 10:17:30 AM

1 E305 LIGHTING PLAN - FIRST FLOOR
1/8" = 1'-0"
0 4' 8' 16'

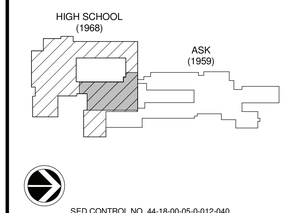
GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS
2. REFER TO DRAWINGS E320, E321, AND E322 FOR EXIT AND EMERGENCY LIGHTING.
3. CONTRACTOR TO PROVIDE MATERIAL AND LABOR PRICE TO PROVIDE (24) TYPE A1 LIGHT FIXTURES, DEMOLITION OF (24) 2X4 LIGHT FIXTURES, (6) DIMMER SWITCHES AND 0-10 VOLT CONTROL WIRING BETWEEN (24) LIGHT FIXTURES. ALL ABOVE TO INCLUDED IN THE BASE BID.

KEYNOTE LEGEND

L7 CONTRACTOR TO DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE AND TAG CIRCUIT FOR REUSE. INSTALL NEW FIXTURES AT SAME LOCATION AND RECONNECT LIGHTING CIRCUIT.

KEY PLAN:



SED CONTROL NO. 44-18-00-05-0-012-040

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Port PRIDE

PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

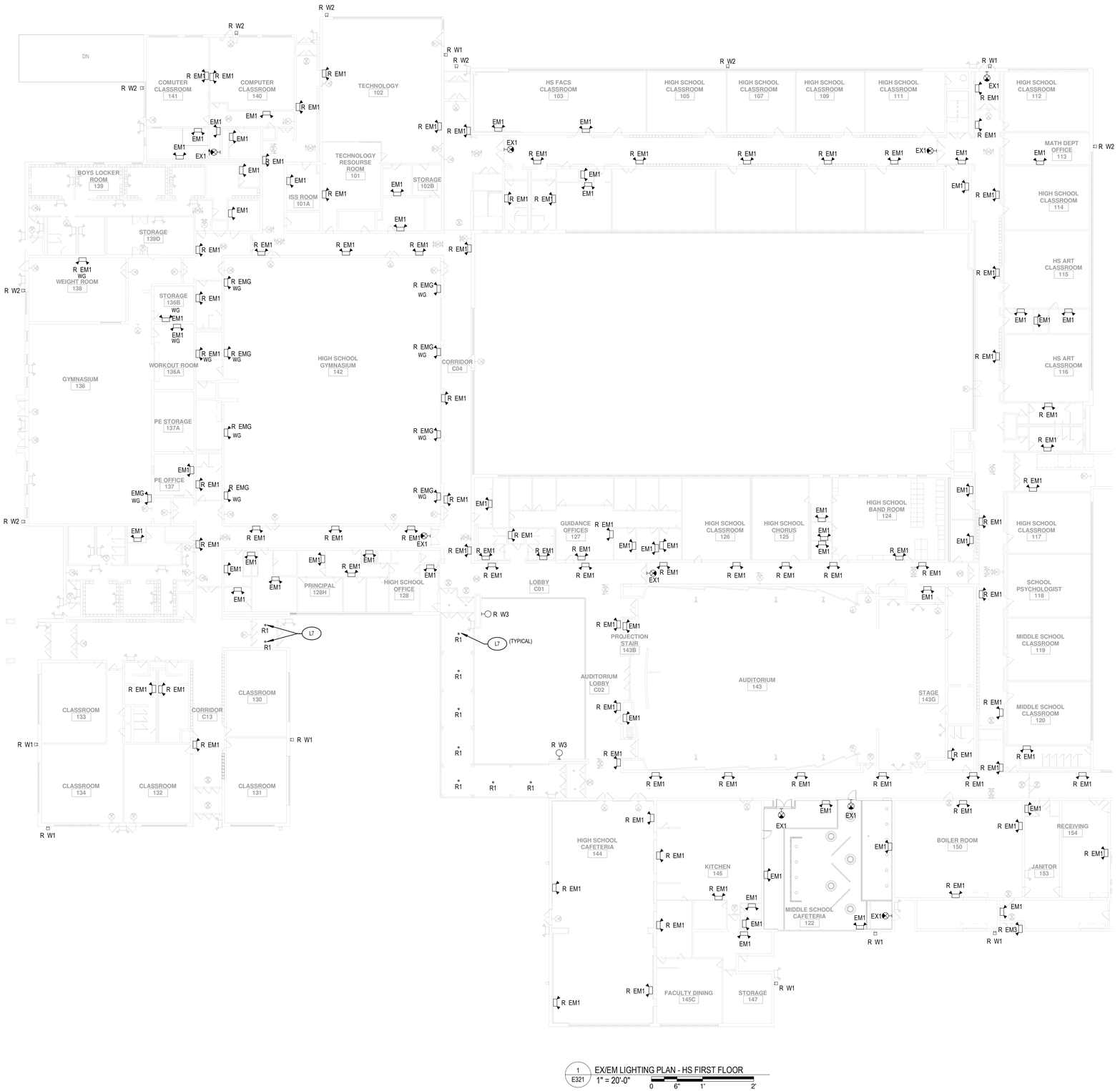
REV	DATE	DESCRIPTION

DRAWN BY TMF	PROJECT NUMBER 2019-011 PH2
CHECKED BY SGV	DATE 10/6/23

LIGHTING PLAN - HS FIRST FLOOR AREA A

BUILDING	SHEET NUMBER
HS	E305

10/9/2023 10:17:34 AM



1 E321 EX/EM LIGHTING PLAN - HS FIRST FLOOR
1" = 20'-0"
0 6" 1' 2'

GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS.
2. ALL EXTERIOR LIGHTING FIXTURES (W1, W2, W3 & R1) ARE A 1 FOR 1 REPLACEMENT. DISCONNECT EXISTING WIRING FROM EXISTING FIXTURE AND RECONNECT CIRCUITRY TO NEW FIXTURE.
3. AT ALL NEW AND REPLACE EXISTING EMERGENCY LIGHTS, CONTRACTOR TO FEED EM. LIGHTS FROM UN-SWITCHED HOT LEG OF ROOM BEING SERVED BY EM. LIGHT. AT ALL REPLACE EXISTING EMERGENCY LIGHT, REMOVE EXISTING CIRCUITRY BACK TO SOURCE.
4. ALL NEW EXIT LIGHT ARE TO BE CIRCUITED TO THE UN-SWITCHED HOT LEG OF AREA SERVED BY EXIT LIGHT.
5. AT ALL REPLACED EXISTING DEVICES, CONTRACTOR TO PATCH AND PAINT WALLS TO MATCH EXISTING WALL CONDITIONS.
6. AT ALL DEVICES BEING REMOVED FROM CEILINGS, CONTRACTOR TO REPLACE CEILING TILE WITH NEW TILE TO MATCH EXISTING.

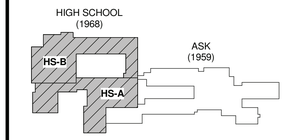
KEYNOTE LEGEND

L7 CONTRACTOR TO DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE AND TAG CIRCUIT FOR REUSE. INSTALL NEW FIXTURES AT SAME LOCATION AND RECONNECT LIGHTING CIRCUIT.

GENERAL NOTES:

A. REFER TO DRAWINGS E320, E321, AND E322 FOR EXIT AND EMERGENCY LIGHTING.
B. CONTRACTOR TO PROVIDE MATERIAL AND LABOR PRICE TO PROVIDE (24) TYPE A1 LIGHT FIXTURES, DEMOLITION OF (24) 2X4 LIGHT FIXTURES, (8) DIMMER SWITCHES AND 0-10 VOLT CONTROL WIRING BETWEEN (24) LIGHT FIXTURES. ALL ABOVE TO INCLUDED IN THE BASE BID.

KEY PLAN:



SED CONTROL NO. 44-18-00-05-0-012-040

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PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

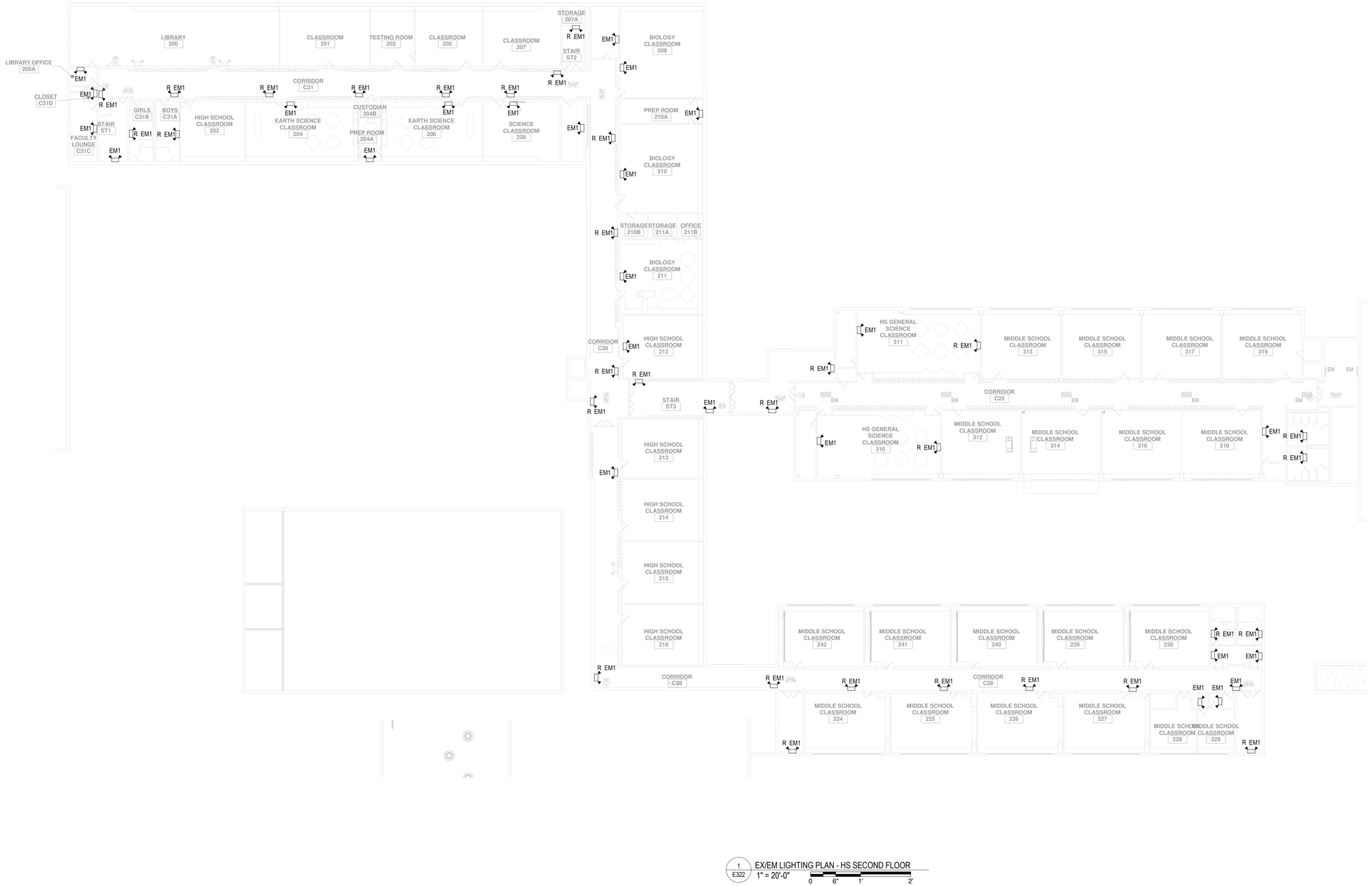
REV	DATE	DESCRIPTION

DRAWN BY: SMG	PROJECT NUMBER: 2019-011 PH2
CHECKED BY: SGV	DATE: 10/6/23

EX/EM LIGHTING PLAN - HS FIRST FLOOR

BUILDING	SHEET NUMBER
HS	E321

10/9/2023 10:18:01 AM



1 E322 EX/EM LIGHTING PLAN - HS SECOND FLOOR

1" = 20'-0"

0 6" 1' 2'

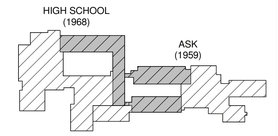
GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS.
2. ALL EXTERIOR LIGHTING FIXTURES (W1, W2, W3 & R1) ARE A 1 FOR 1 REPLACEMENT. DISCONNECT EXISTING WIRING FROM EXISTING FIXTURE AND RECONNECT CIRCUITRY TO NEW FIXTURE.
3. AT ALL NEW AND REPLACE EXISTING EMERGENCY LIGHTS, CONTRACTOR TO FEED EM. LIGHTS FROM UN-SWITCHED HOT LEG OF ROOM BEING SERVED BY EM. LIGHT. AT ALL REPLACE EXISTING EMERGENCY LIGHT, REMOVE EXISTING CIRCUITRY BACK TO SOURCE.
4. ALL NEW EXIT LIGHT ARE TO BE CIRCUITED TO THE UN-SWITCHED HOT LEG OF AREA SERVED BY EXIT LIGHT.
5. AT ALL REPLACED EXISTING DEVICES, CONTRACTOR TO PATCH AND PAINT WALLS TO MATCH EXISTING WALL CONDITIONS.
6. AT ALL DEVICES BEING REMOVED FROM CEILINGS, CONTRACTOR TO REPLACE CEILING TILE WITH NEW TILE TO MATCH EXISTING.

GENERAL NOTES:

A. REFER TO DRAWINGS E320, E321, AND E322 FOR EXIT AND EMERGENCY LIGHTING.
B. CONTRACTOR TO PROVIDE MATERIAL AND LABOR PRICE TO PROVIDE (24) TYPE A1 LIGHT FIXTURES, DEMOLITION OF (24) 2X4 LIGHT FIXTURES, (8) DIMMER SWITCHES AND 0-10 VOLT CONTROL WIRING BETWEEN (24) LIGHT FIXTURES. ALL ABOVE TO INCLUDED IN THE BASE BID.

KEY PLAN:



SED CONTROL NO. 44-18-00-05-0-012-040

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PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

REV	DATE	DESCRIPTION

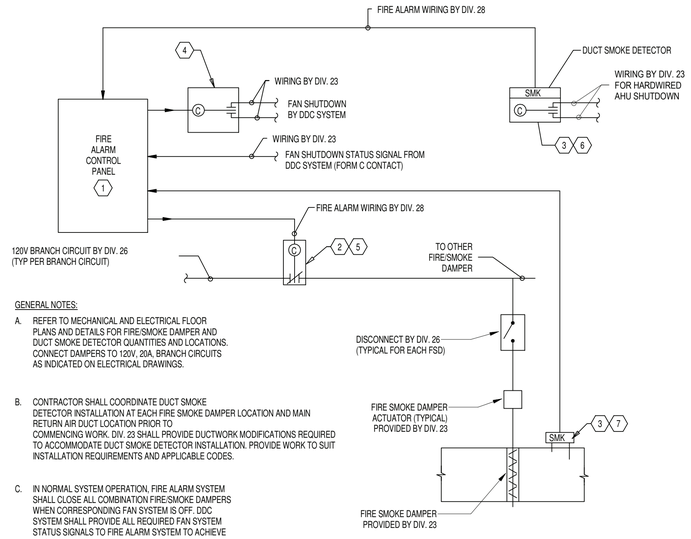
DRAWN BY SMG	PROJECT NUMBER 2019-011 PH2
CHECKED BY SGV	DATE 10/6/23

EX/EM LIGHTING PLAN - HS SECOND FLOOR

BUILDING	SHEET NUMBER
HS	E322

10/9/2023 10:18:11 AM

6 EXISTING CLOCK WITH LOGO
SCALE:NOT TO SCALE



GENERAL NOTES:

A. REFER TO MECHANICAL AND ELECTRICAL FLOOR PLANS AND DETAILS FOR FIRE/SMOKE DAMPER AND DUCT SMOKE DETECTOR QUANTITIES AND LOCATIONS. CONNECT DAMPERS TO 120V, 20A, BRANCH CIRCUITS AS INDICATED ON ELECTRICAL DRAWINGS.

B. CONTRACTOR SHALL COORDINATE DUCT SMOKE DETECTOR INSTALLATION AT EACH FIRE SMOKE DAMPER LOCATION AND MAIN RETURN AIR DUCT LOCATION PRIOR TO COMMENCING WORK. DIV. 23 SHALL PROVIDE DUCTWORK MODIFICATIONS REQUIRED TO ACCOMMODATE DUCT SMOKE DETECTOR INSTALLATION. PROVIDE WORK TO SUIT INSTALLATION REQUIREMENTS AND APPLICABLE CODES.

C. IN NORMAL SYSTEM OPERATION, FIRE ALARM SYSTEM SHALL CLOSE ALL COMBINATION FIRE/SMOKE DAMPERS WHEN CORRESPONDING FAN SYSTEM IS OFF. DDC SYSTEM SHALL PROVIDE ALL REQUIRED FAN SYSTEM STATUS SIGNALS TO FIRE ALARM SYSTEM TO ACHIEVE THIS OPERATION.

FAN SHUTDOWN SEQUENCE OF OPERATIONS:

UPON THE DETECTION OF SMOKE BY ANY DUCT SMOKE DETECTOR:

1. THE FIRE ALARM SYSTEM SHALL SIGNAL THE AIR HANDLING UNIT IN ALARM TO SHUTDOWN VIA ADDRESSABLE CONTROL RELAY LOCATED AT EACH AIR HANDLING UNIT.
2. THE FIRE ALARM SYSTEM SHALL PROVIDE A SIGNAL TO THE DDC SYSTEM VIA SINGLE ADDRESSABLE CONTROL RELAY TO INITIATE THE DDC SYSTEM MODE.
3. UPON CONFIRMATION THAT ALL AIR HANDLING UNITS HAVE SHUTDOWN, THE DDC SYSTEM SHALL PROVIDE FAN SHUTDOWN STATUS SIGNAL TO FIRE ALARM SYSTEM.
4. THE FIRE ALARM SYSTEM SHALL CLOSE ALL COMBINATION FIRE/SMOKE DAMPERS VIA ADDRESSABLE CONTROL RELAY(S) 20-SECONDS (ADJUSTABLE) AFTER FAN SHUTDOWN SIGNAL OCCURRED.

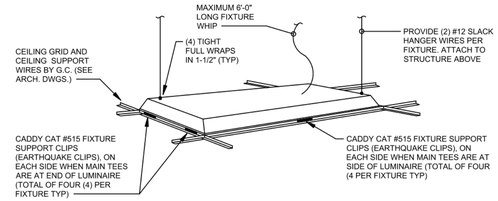
UPON FIRE ALARM RESET AFTER THE DETECTION OF SMOKE HAS OCCURRED:

1. THE FIRE ALARM SYSTEM SHALL OPEN ALL COMBINATION FIRE/SMOKE DAMPERS VIA ADDRESSABLE CONTROL RELAY(S).
2. THE FIRE ALARM SYSTEM SHALL DISABLE FAN SHUTDOWN SIGNAL TO THE DDC SYSTEM VIA SINGLE ADDRESSABLE CONTROL RELAY.
3. THE FIRE ALARM SYSTEM SHALL DISABLE SHUTDOWN SIGNAL TO EACH AIR HANDLING UNIT VIA ADDRESSABLE CONTROL RELAY.

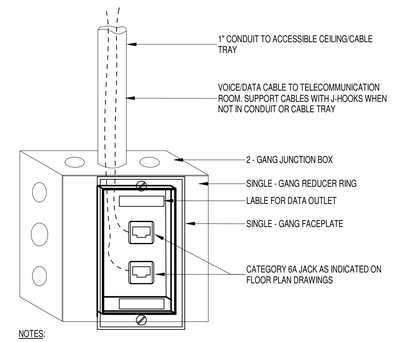
KEY NOTES:

1. REFER TO ELECTRICAL PLANS FOR FIRE ALARM PANEL LOCATION.
2. MOUNT ADJACENT TO APPROPRIATE ELECTRICAL PANEL
3. PROVIDE/MAINTAIN WORKING ACCESS TO ALL DUCT SMOKE DETECTORS.
4. REMOTE ADDRESSABLE FIRE ALARM RELAY PROVIDED BY DIV. 28 (FORM C CONTACT). MOUNT ADJACENT TO DDC CONTROL PANEL.
5. REMOTE ADDRESSABLE FIRE ALARM RELAY PROVIDED BY DIV. 28 (PROGRAMMED FOR 20 SECONDS DELAY AFTER FAN STOP SIGNAL.)
6. AHU RETURN AIR DUCT SMOKE DETECTOR WITH SEPARATELY ADDRESSABLE RELAY BASE (FORM C CONTACT) FURNISHED BY DIV. 28. WIRED BY DIV 28 TO FIRE ALARM SYSTEM. DETECTOR INSTALLED BY DIV. 23. MOUNT ADJACENT TO FIRE ALARM PANEL.
7. DUCT SMOKE DETECTOR FURNISHED AND INSTALLED BY DIV. 23 WIRED BY DIV. 28 TO FIRE ALARM SYSTEM.

4 HVAC AND FIRE ALARM SYSTEM INTERFACE
SCALE:NOT TO SCALE



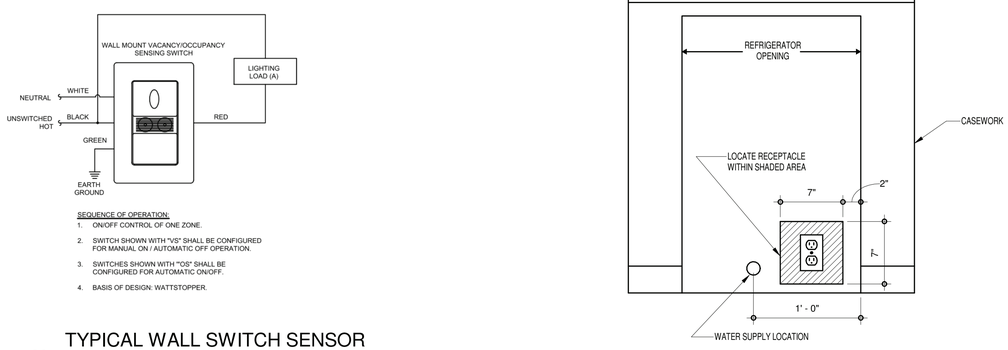
1 TYPICAL LAY-IN GRID RECESSED FIXTURE MOUNTING DETAIL
SCALE:NOT TO SCALE



NOTES:

1. TERMINATE VOICE AND DATA OUTLETS WITH T568B PIN-OUT SEQUENCE.
2. ROUTE CABLES TO TELECOMMUNICATION ROOMS AND TERMINATE ON RACK-MOUNTED CATEGORY 6A PATCH PANELS.
3. LABEL VOICE AND DATA JACK WITH THE TELECOMMUNICATION ROOM NUMBER, PATCH PANEL NUMBER AND JACK POSITION NUMBER (EX. 005-A-18)
4. INSTALL BLANK INSERT ON OPEN PORTS WHEN JACKS ARE NOT INSTALLED.
5. WHEN VOICE/DATA OUTLETS ARE INSTALLED AT MODULAR FURNITURE OR FLOOR BOX LOCATIONS, PROVIDED COMPATIBLE ADAPTER PLATES.

2 2-PORT VOICE/DATA OUTLET DETAIL
SCALE:NOT TO SCALE



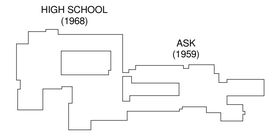
5 TYPICAL WALL SWITCH SENSOR SCHEMATIC
SCALE:NOT TO SCALE

3 UNDERCOUNTER REFRIGERATOR ROUGH-IN DETAIL
SCALE:NOT TO SCALE

GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

KEY PLAN:



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PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

REV	DATE	DESCRIPTION

DRAWN BY SMG	PROJECT NUMBER 2019-011 PH2
CHECKED BY SGV	DATE 10/6/23

ELECTRICAL DETAILS

BUILDING	SHEET NUMBER
HS	E500

10/9/2023 10:18:14 AM

MINIMUM CONDUIT AND WIRE SCHEDULE

FEEDER TYPE	COPPER CONDUCTORS		CONDUIT SIZE			
	Ø & N	GND	2Ø+N+GND	3Ø+GND	3Ø+N+GND	3Ø+2N+2GND
20	#12	#12	16 (1/2")	16 (1/2")	16 (1/2")	21 (3/4")
30	#10	#10	16 (1/2")	16 (1/2")	21 (3/4")	21 (3/4")
40	#8	#10	21 (3/4")	21 (3/4")	27 (1")	27 (1")
55	#6	#10	27 (1")	27 (1")	27 (1")	27 (1")
70	#4	#8	35 (1 1/4")	35 (1 1/4")	35 (1 1/4")	35 (1 1/4")
85	#3	#8	35 (1 1/4")	35 (1 1/4")	35 (1 1/4")	41 (1 1/2")
95	#2	#8	35 (1 1/4")	35 (1 1/4")	41 (1 1/2")	41 (1 1/2")
110	#1	#6	41 (1 1/2")	41 (1 1/2")	41 (1 1/2")	53 (2")
150	#1/0	#6	41 (1 1/2")	41 (1 1/2")	53 (2")	53 (2")
175	#2/0	#6	53 (2")	53 (2")	53 (2")	63 (2 1/2")
200	#3/0	#6	53 (2")	53 (2")	53 (2")	63 (2 1/2")
230	#4/0	#4	53 (2")	53 (2")	63 (2 1/2")	63 (2 1/2")
255	250 kCM	#4	63 (2 1/2")	63 (2 1/2")	63 (2 1/2")	78 (3")
EQ	EQUIPMENT FEEDER - REFER TO ELECTRICAL EQUIPMENT SCHEDULE					

GENERAL NOTES:

A. THE ABOVE FEEDER SCHEDULE IS A SCHEDULE OF TYPICAL FEEDERS AND SOME SIZES MAY NOT BE UTILIZED.

B. ALL CONDUCTOR AMPACITIES ARE BASED ON TABLE 310-15(b)(16) OF THE NEC FOR COPPER CONDUCTOR TYPE THW/THWN.

C. FEEDER SIZES SHOWN ON THE RISER DIAGRAM INDICATE FEEDER AMPACITIES AND DO NOT NECESSARILY CORRESPOND TO CIRCUIT BREAKER AMPACITIES. CERTAIN FEEDERS MAY BE SIZED FOR THE DERATION FACTORS REQUIRED BY CODE AND/OR ARE OVERSIZED FOR VOLTAGE DROP.

D. WHERE MULTIPLE CONDUITS AND CONDUCTORS ARE INDICATED FOR A SINGLE FEEDER, EACH CONDUIT SHALL CONTAIN 1 PARALLEL PHASE, NEUTRAL, AND GROUND CONDUCTORS INDICATED.

E. CONDUIT ABOVE GRADE INDOORS SHALL BE EMT. CONDUIT ABOVE GRADE OUTDOORS SHALL BE GALVANIZED IMC OR RMC. CONDUIT BELOW GRADE SHALL BE PVC WITH GALVANIZED RMC ELBOWS. CONDUIT SIZE INDICATED IS MINIMUM SIZE REGARDLESS OF CONDUIT TYPE.

F. CONDUITS SIZED LARGER THAN INDICATED SHALL BE PERMITTED FOR RUNS WITH UP TO (4) 90° ELBOWS, OR FOR PULLING LONGER RUNS.

ELECTRICAL EQUIPMENT CONNECTION SCHEDULE

ID	LOCATION NAME	NO	EQUIPMENT INFORMATION MOTOR POWER	FLA	MCA	BREAKER SIZE	VOLT	PH	CIRCUIT INFORMATION PANEL	NO.	WIRE & CONDUIT SIZE	DESCRIPTION	MOTOR STARTER NEMA ENCLOSURE	FURNISH	INSTALL	LOCATION	DISCONNECT DESCRIPTION	NEMA ENCLOSURE	FURNISH	LOCATION	FIRE ALARM FAN SHUT-DOWN	DUCT MOUNTED SMOKE DETECTOR(S)	SCHEDULE NOTES	ID
ACCU-1	ROOF	--	0.00 hp	10.8 A	13.5 A	20.0 A	208 V	1	CP-2	27,29	3#8,#10G,3/4"C	MANUF - SINGLE POINT POWER	3R	MANUF.	MANUF.	AT UNIT	MANUF - NON-FUSED SWITCH	3R	MANUF.	AT UNIT	(none)	(none)	1,2,3,5,6,7	ACCU-1
ACCU-2	ROOF	--	0.00 hp	13.2 A	16.5 A	25.0 A	208 V	1	CP-2	23,25	3#8,#10G,3/4"C	MANUF - SINGLE POINT POWER	3R	MANUF.	MANUF.	AT UNIT	MANUF - NON-FUSED SWITCH	3R	MANUF.	AT UNIT	(none)	(none)	1,2,3,5,6,7	ACCU-2
ACU-1	COPY ROOM	98A	0.00 hp	10.8 A	13.5 A	20.0 A	208 V	1	CP-2	27,29	3#8,#10G,3/4"C	MANUF - SINGLE POINT POWER	1	MANUF.	MANUF.	AT UNIT	MANUF - NON-FUSED SWITCH	1	MANUF.	AT UNIT	(none)	(none)	1,2,3,5,6,7	ACU-1
BCU-1	RESTROOM	169B	0.00 hp	3.0 A	3.8 A	20.0 A	208 V	3	CP-2	24,26,28	3#10,#10G,3/4"C	MANUF - SINGLE POINT POWER	1	MANUF.	MANUF.	AT UNIT	DIV. 26 - FUSED SWITCH	1	DIV. 26	AT UNIT	(none)	(none)	1,2,3,5	BCU-1
DC-1	OUTSIDE TECH RM 303	--	7.50 hp	24.2 A	30.3 A	50.0 A	208 V	3	TP SEC. 2	44,46,48	3#4,#10G,1"C	DIV. 23 - VARIABLE FREQUENCY DRIVE	3R	DIV. 23	DIV. 23	AT UNIT	DIV. 26 - FUSED SWITCH	3R	DIV. 26	AT UNIT	Y	(none)	1,2,3,5,8,10	DC-1
DHC-5	TECHNOLOGY CLASSROOM	303	0.00 hp	91.6 A	114.5 A	125.0 A	208 V	3	TP SEC. 2	43,45,47	3#1/0 WITH 1#4G,2"C	DIV. 23 - VARIABLE FREQUENCY DRIVE	1	DIV. 23	DIV. 23	AT UNIT	DIV. 26 - FUSED SWITCH	1	DIV. 26	AT UNIT	Y	(none)	1,2,3,5,8	DHC-5
EF-1	FACS CULINARY CLASSROOM	306	0.00 hp	0.5 A	0.6 A	20.0 A	120 V	1	HC	1	2#10,#10G,1/2"C	MANUF - SINGLE POINT POWER	1	MANUF.	MANUF.	AT UNIT	DIV. 26 - FUSED SWITCH	1	DIV. 26	AT UNIT	(none)	(none)	1,2,3,5	EF-1
EF-2	KILN	300B	0.00 hp	1.0 A	1.3 A	20.0 A	120 V	1	TP SEC. 2	59	2#10,#10G,1/2"C	DIV. 23 - ELECTRICALLY COMMUTATED MOTOR	3R	DIV. 23	DIV. 23	AT UNIT	DIV. 26 - NON-FUSED SWITCH	1	DIV. 26	AT UNIT	(none)	(none)	1,2,3,5	EF-2
PRE-1	ROOF	--	0.07 hp	5.8 A	7.3 A	20.0 A	120 V	1	CP-2	22	2#10,#10G,1/2"C	DIV. 23 - ELECTRICALLY COMMUTATED MOTOR	3R	DIV. 23	DIV. 23	AT UNIT	MANUF - NON-FUSED SWITCH	3R	MANUF.	AT UNIT	Y	(none)	1,2,3,5,6,8	PRE-1
PRE-2	ROOF	--	0.07 hp	1.8 A	2.3 A	20.0 A	120 V	1	KP-1	2	2#10,#10G,1/2"C	DIV. 23 - ELECTRICALLY COMMUTATED MOTOR	3R	DIV. 23	DIV. 23	AT UNIT	MANUF - NON-FUSED SWITCH	3R	MANUF.	AT UNIT	Y	(none)	1,2,3,5,6,8	PRE-2
RTU-1	ROOF	--	0.00 hp	14.8 A	18.5 A	25.0 A	480 V	3	HVB	1,3,5	3#8,#10G,3/4"C	DIV. 23 - ELECTRICALLY COMMUTATED MOTOR	3R	DIV. 23	DIV. 23	AT UNIT	MANUF - NON-FUSED SWITCH	3R	MANUF.	AT UNIT	Y	Y	1,2,3,4,5,6,8	RTU-1
RTU-2	ROOF	--	0.00 hp	27.3 A	34.1 A	40.0 A	480 V	3	HVB	2,4,6	3#6,#10G,1"C	DIV. 23 - VARIABLE FREQUENCY DRIVE	3R	DIV. 23	DIV. 23	AT UNIT	DIV. 26 - FUSED SWITCH	3R	DIV. 26	AT UNIT	Y	Y	1,2,3,4,5,6,8,10	RTU-2
RTU-3	ROOF	--	0.00 hp	41.9 A	52.4 A	60.0 A	480 V	3	MDP-1	8,10,12	3#4,#10G,1"C	DIV. 23 - VARIABLE FREQUENCY DRIVE	3R	DIV. 23	DIV. 23	AT UNIT	DIV. 26 - FUSED SWITCH	3R	DIV. 26	AT UNIT	Y	Y	1,2,3,4,5,6,8,10	RTU-3
RTU-4	ROOF	--	0.00 hp	9.7 A	12.1 A	20.0 A	480 V	3	HVB	7,9,11	3#8,#10G,3/4"C	DIV. 23 - VARIABLE FREQUENCY DRIVE	3R	DIV. 23	DIV. 23	AT UNIT	DIV. 26 - FUSED SWITCH	3R	DIV. 26	AT UNIT	Y	Y	1,2,3,4,5,6,8,10	RTU-4
SF-1	TECHNOLOGY CLASSROOM	303	0.00 hp	9.8 A	12.3 A	20.0 A	120 V	1	TP SEC. 2	52	2#10,#10G,1/2"C	DIV. 23 - ELECTRICALLY COMMUTATED MOTOR	1	DIV. 23	DIV. 23	AT UNIT	MANUF - NON-FUSED SWITCH	1	MANUF.	AT UNIT	Y	(none)	1,2,3,5,6,8,10	SF-1
VAV-1	GUIDANCE OFFICE	166	0.00 hp	18.0 A	22.6 A	25.0 A	208 V	3	KP-1	34,36,38	3#8,#10G,3/4"C	DIV. 23 - VARIABLE FREQUENCY DRIVE	1	DIV. 23	DIV. 23	AT UNIT	DIV. 26 - FUSED SWITCH	1	DIV. 26	AT UNIT	(none)	(none)	1,2,3,5	VAV-1
VAV-2	OFFICE	166B	0.00 hp	4.2 A	5.2 A	20.0 A	208 V	3	KP-1	16,18,20	4#10,3/4"C	DIV. 23 - VARIABLE FREQUENCY DRIVE	1	DIV. 23	DIV. 23	AT UNIT	DIV. 26 - FUSED SWITCH	1	DIV. 26	AT UNIT	(none)	(none)	1,2,3,5	VAV-2
VAV-3	OFFICE	166B	0.00 hp	6.9 A	8.7 A	20.0 A	208 V	3	KP-1	27,29,31	4#10,3/4"C	DIV. 23 - VARIABLE FREQUENCY DRIVE	1	DIV. 23	DIV. 23	AT UNIT	DIV. 26 - FUSED SWITCH	1	DIV. 26	AT UNIT	(none)	(none)	1,2,3,5	VAV-3
VAV-4	OFFICE	166C	0.00 hp	5.6 A	6.9 A	20.0 A	208 V	3	KP-1	21,23,25	4#10,3/4"C	DIV. 23 - VARIABLE FREQUENCY DRIVE	1	DIV. 23	DIV. 23	AT UNIT	DIV. 26 - FUSED SWITCH	1	DIV. 26	AT UNIT	(none)	(none)	1,2,3,5	VAV-4
VAV-5	OFFICE	166D	0.00 hp	5.6 A	6.9 A	20.0 A	208 V	3	KP-1	22,24,26	4#10,3/4"C	DIV. 23 - VARIABLE FREQUENCY DRIVE	1	DIV. 23	DIV. 23	AT UNIT	DIV. 26 - FUSED SWITCH	1	DIV. 26	AT UNIT	(none)	(none)	1,2,3,5	VAV-5
VAV-6	OFFICE	166E	0.00 hp	9.7 A	12.1 A	20.0 A	208 V	3	KP-1	33,35,37	4#10,3/4"C	DIV. 23 - VARIABLE FREQUENCY DRIVE	1	DIV. 23	DIV. 23	AT UNIT	DIV. 26 - FUSED SWITCH	1	DIV. 26	AT UNIT	(none)	(none)	1,2,3,5	VAV-6
VAV-7	STORAGE	168A	0.00 hp	6.9 A	8.7 A	20.0 A	208 V	3	KP-1	28,30,32	4#10,3/4"C	DIV. 23 - VARIABLE FREQUENCY DRIVE	1	DIV. 23	DIV. 23	AT UNIT	DIV. 26 - FUSED SWITCH	1	DIV. 26	AT UNIT	(none)	(none)	1,2,3,5	VAV-7

GENERAL EQUIPMENT CONNECTION SCHEDULE NOTES:
1. PROVIDE OVERLOAD HEATERS FOR ALL MOTOR STARTERS. SIZE OVERLOADS IN FIELD PER ACTUAL FURNISHED MOTOR NAMEPLATE DATA.
2. FOR BID PURPOSES; SIZE MOTOR STARTERS BASED ON HP/MCA/KW VALUES INDICATED. PROVIDE MOTOR STARTERS PROPERLY SIZED PER APPROVED SUBMITTALS AND COORDINATION DRAWINGS FURNISHED DURING CONSTRUCTION.
3. COORDINATE IN FIELD WITH INDIVIDUAL TRADES FOR EQUIPMENT SUBSTITUTIONS. WHERE SUBSTITUTIONS (FROM THE BASIS OF DESIGN) HAVE BEEN MADE, COORDINATE ANY AND ALL CHANGES OF VOLTAGE, MCA, AND HP WITH THE RELEVANT CONTRACTOR. THE EC IS RESPONSIBLE FOR ANY DESIGN WORK AND ALL RESIZING OF FEEDERS, BRANCH CIRCUITS, OVER-CURRENT PROTECTION, AND STARTER / DISCONNECT SIZING CHANGES THAT RESULT FROM SUCH EQUIPMENT SUBSTITUTIONS. ALL CONSTRUCTION COST CHANGES ASSOCIATED WITH EQUIPMENT SUBSTITUTIONS, AS MENTIONED HEREIN, ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR SUPPLYING THE SUBSTITUTED EQUIPMENT. ALL ASSOCIATED REDESIGN, REVISIONS, AND MODIFICATIONS ARE TO BE DONE AT NO ADDITIONAL COST TO THE OWNER, ARCHITECT, OR ENGINEER.
4. ALL NEW DUCT SMOKE DETECTORS INDICATED ARE TO BE FURNISHED, INSTALLED, AND CONNECTED BY THE EC. COORDINATE INSTALLATION IN FIELD WITH CONTRACTOR RESPONSIBLE FOR DUCT WORK. REFER TO PLANS FOR QUANTITY AND LOCATION OF DETECTORS.
5. ALL CIRCUIT BREAKERS INDICATED ON EQUIPMENT CONNECTION SCHEDULE FOR INSTALLATION IN EXISTING PANELS ARE TO BE PROVIDED BY THE EC. NEW BREAKERS ARE TO BE UL LISTED FOR USE IN EXISTING PANEL, MATCHING EXISTING POWER CHARACTERISTICS, VIF.
6. PROVIDE 1/2" CONDUIT WITH PULL STRING FOR INTERLOCKING CONTROL WIRING.
7. INDOOR UNIT FED VIA OUTDOOR UNIT. PROVIDE INTERCONNECT CONDUITS FOR POWER AND CONTROL WIRING (SEPARATE 1/2" CONDUITS).
8. PROVIDE SHUT DOWN RELAY AND IDENTIFY LOCATION ON AS-BUILT DRAWINGS.
9. UTILIZE SPARE BREAKERS IN PANEL INDICATED.
10. PROVIDE WEATHERPROOF DUPLEX RECEPTACLE AT LOCATION OF UNIT. WIRE RECEPTACLE BACK TO NEAREST 120V BELOW.
11. WHERE PANEL AND CIRCUIT NUMBER ARE BLANK, EC TO UTILIZE EXISTING CIRCUITRY AND BREAKER SERVING PREVIOUS EQUIPMENT.

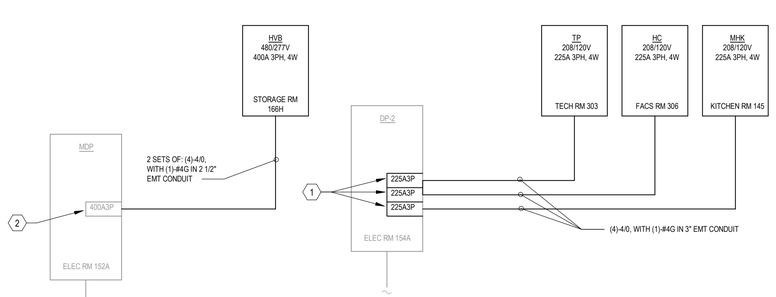
"-" INDICATES NOT REQUIRED OR NOT APPLICABLE.
"Y" INDICATES YES, REQUIRED.
"MANUF" INDICATES SUPPLIED/INSTALLED BY MANUFACTURER.

LIGHTING FIXTURE SCHEDULE

TYPE	CONSTRUCTION DESCRIPTION	LENS/LOUVER	MOUNTING	LIGHT SOURCE LAMP	LUMENS DOWN	CCT	CRI	ELECTRICAL BALLAST/DRIVER	VOLTAGE	WATTS	LUMENS/WATT	EMERGENCY COMPONENT	PRODUCT MFR	MODEL	NOTE
A1	2X4 RECESSED	ACRYLIC FROSTED	LAY-IN	LED	4777 lm	4000 K	80	LED DRIVER, 0-10V DIMMING	UNV	33 W	145 lm/W	--	COOPER	24ARS-L3C3-UNV	--
A2	2X2 RECESSED	ACRYLIC FROSTED	LAY-IN	LED	4054 lm	3500 K	90	LED DRIVER, 0-10V DIMMING	UNV	41 W	99 lm/W	--	LITHONIA	ENVX-2X2-HRG-TUWH-RHYR-4000LM-90CRI-MVOLT-NLT-LATC	CCT TUNEABLE LIGHTING WITH CONTROLS. PROVIDE ADDITIONAL CCT SWITCH.
A3	2X2 RECESSED TECH SHOP	ACRYLIC FROSTED	LAY-IN	LED	3352 lm	4000 K	80	LED DRIVER, 0-10V DIMMING	UNV	29 W	116 lm/W	--	COOPER	BAA-EN-W-24-2-LD2-34-40-CA08-UNV-EDD-1-GSK/GRD	--
A4	2X2 RECESSED	CURVED RIBBED	LAY-IN	LED	3646 lm	4000 K	80	LED DRIVER, 0-10V DIMMING	UNV	26 W	140 lm/W	--	COOPER	22ARS-L3C3-UNV	--CCT/LUMENS SELECTABLE
A5	2X2 RECESSED	ACRYLIC FROSTED	LAY-IN	LED	3360 lm	3500 K	80	LED DRIVER, 0-10V DIMMING	UNV	29 W	117 lm/W	--	LITHONIA	2GTL-2-33L-FN-A12125-120-EZ1-LP835-BAA	--
A6	1x4 SURFACE	ACRYLIC FROSTED	SURFACE	LED	5000 lm	4000 K	82	LED DRIVER, 0-10V DIMMING	UNV	50 W	100 lm/W	--	LITHONIA	FMLW 48 ALO6 SEF 840 MVOLT	--
A7	1x4 PENDANT	ACRYLIC FROSTED	PENDANT	LED	8327 lm	5000 K	80	LED DRIVER, 0-10V DIMMING	UNV	66 W	126 lm/W	--	LITHONIA	LL8-8000LM-80CRI-50K-EPD-MIN1-EZT-MVOLT-WH	--
A9	1x4 LOW BAY BOILER RM	ACRYLIC FROSTED	SUSPENDED	LED	6248 lm	5000 K	80	LED DRIVER, 0-10V DIMMING	UNV	45 W	139 lm/W	--	LITHONIA	UFIT-L48-6000LM-SEF-MVOLT-EZ1-50K-80CRI-HC36M12	--
A10	2X2 RECESSED	ACRYLIC FROSTED	LAY-IN	LED	3562 lm	5000 K	80	LED DRIVER, 0-10V DIMMING	UNV	29 W	125 lm/W	--	LITHOINA	2GTL-2-33L-FN-A19-120-EZ1-LP6550-BAA	--
A11	1x4 SURFACE	ACRYLIC FROSTED	SURFACE	LED	3690 lm	5000 K	90	LED DRIVER, 0-10V DIMMING	UNV	24 W	155 lm/W	--	LITHONIA	FEM-L48-4000LM-LPPCL-MD-MVOLT-GZ10-50K-90CRI-STSL	VANDEL RESISTANT, DAMP LOCATION
A12	1x1 KITCHEN	POLYCARBONATE	SURFACE	LED	3551 lm	5000 K	82	LED DRIVER, 0-10V DIMMING	UNV	30 W	118 lm/W	--	KENALL	MS15FL-PP-MW-25L50K-120V-SA-9500	VANDEL RESISTANT, DAMP LOCATION
AC1	10' ACCOUSTICAL STRIP, CAFETERIA	ACRYLIC FROSTED	SUSPENDED	LED	5000 lm	3500 K	90	LED DRIVER, 0-10V DIMMING	UNV	55 W	91 lm/W	--	FOCAL POINT	ASM1S-BW-8-500LF-935K-UNV-LD1-J24-DTS-BK CD-CHR10	MOUNTING AS REQUIRED, SUSPEND TO 10' AFF
CH1	48" ROUND CAFETERIA CHANDELIER, CAFETERIA	ACRYLIC FROSTED	SUSPENDED	LED	9875 lm	3500 K	90	LED DRIVER, 0-10V DIMMING	UNV	85 W	116 lm/W	--	IMPACT	P2148-R-35LO-SS-SBPC-90CRI	--
EM1	ELU INDOOR, TWO HEAD	--	SURFACE WALL	LED	0 lm	0 K	0	--	UNV	2 W	0 lm/W	BATTERY	COOPER	AP2SQLED	--
EM3	ELU OUTDOOR	--	SURFACE WALL	LED	625 lm	3000 K	0	--	UNV	3 W	225 lm/W	BATTERY	EVENLITE	WWEMSLCT	--
EMG	ELU INDOOR, TWO HEAD, WIRE GUARD	--	SURFACE WALL	LED	1100 lm	3000 K	0	--	UNV	1 W	1100 lm/W	BATTERY	LITHONIA	GLM6LVOLTSDRTHOELAWG	PROVIDE WIREGUARD
EMX	EXIT/ELU COMBO	--	SURFACE WALL	LED	0 lm	3000 K	0	--	UNV	4 W	0 lm/W	BATTERY	COOPER	APCH7R	--
EX1	EXIT SIGN WALL	--	SURFACE WALL	LED	0 lm	0 K	0	--	UNV	1 W	0 lm/W	BATTERY	COOPER	LPX6SD	--
EXC	EXIT SIGN CEILING, RED	--	CEILING	LED	0 lm	0 K	0	--	UNV	3 W	0 lm/W	BATTERY	LITHONIA	EDGR-2-RMR-EL	--
H1	AUD. HOUSE PENDANT	POLYCARBONATE	SUSPENDED	LED	11850 lm	5000 K	80	LED DRIVER, 0-10V DIMMING, 1%	UNV	100 W	119 lm/W	--	METEOR	BLTM-100-507-UNV-STV-WD-BLK-BRK-DF	HANG 2' BELOW CLOUD
H2	AUD. HOUSE PENDANT	POLYCARBONATE	SUSPENDED	LED	21330 lm	5000 K	80	LED DRIVER, 0-10V DIMMING, 1%	UNV	150 W	142 lm/W	--	METEOR	BLTM-150-507-UNV-STV-WD-BLK-BRK-DF	HANG 2' BELOW CLOUD
P1	DECORATIVE PENDANT - CAFETERIA BOOTH	--	PENDANT	LED	3375 lm	3500 K	90	LED DRIVER, 0-10V DIMMING	UNV	55 W	61 lm/W	--	IMPACT	P4113-35-HI-30-LO-TBD-WHPC-6FT	--
R1	8" DOWNLIGHT, EXTERIOR	--	RECESSED	LED	3076 lm	5000 K	80	LED DRIVER	UNV	42 W	73 lm/W	--	PATHWAY	RMD4LBWL-40-5K-E1-RMGR47W	PROVIDE WITH A GOOF RING
R2	6" DOWNLIGHT	--	RECESSED	LED	1404 lm	3500 K	80	LED DRIVER, 0-10V DIMMING, 1%	UNV	12 W	119 lm/W	--	INDY	L6 13LM 35K MVOLT 80CRI EZ1 w/ HM CS PF	--
S1	CURVED STRIP LIGHTING, CAFETERIA	ACRYLIC FROSTED	SUSPENDED	LED	8864 lm	3500 K	80	LED DRIVER, 0-10V DIMMING, 1%	UNV	90 W	98 lm/W	--	BETA	AX4-J3-W2-TBD-CB1-CC1-LO-EO-CO-WO-	--
TB1	4' T-BAR LIGHTING, CAFETERIA	ACRYLIC FROSTED	CEILING	LED	1780 lm	3500 K	83	LED DRIVER, 0-10V DIMMING, 1%	UNV	32 W	56 lm/W	--	JLC TECH	TBSL-MW-4-24-D-U-W	MOUNTING AS REQUIRED, SUSPEND TO 10' AFF
UC1	UNDER CABINET LIGHTING 24"	ACRYLIC FROSTED	UNDER CABINET	LED	627 lm	3500 K	83	LED DRIVER	UNV	11 W	57 lm/W	--	COOPER	HU30-ADV-24-P	--
UC2	UNDER CABINET LIGHTING 18"	ACRYLIC FROSTED	UNDER CABINET	LED	440 lm	3500 K	83	LED DRIVER	UNV	8 W	54 lm/W	--	COOPER	HU30-ADV-18-P	--
UC3	UNDER CABINET LIGHTING 9"	ACRYLIC FROSTED	UNDER CABINET	LED	222 lm	3500 K	83	LED DRIVER	UNV	4 W	56 lm/W	--	COOPER	HU30-ADV-9-P	--
V1	27" VANITY MIRROR LIGHT, ADMIN	--	SURFACE WALL HORIZONTAL	LED	1777 lm	3500 K	90	LED DRIVER	UNV	12 W	148 lm/W	--	PURE EDGE	TXW2NR-5W-4SQ-27-27K6-WN	--MOUNT AT 78". PROVIDE ADDITONAL TUNEABLE CCT SWITCH. PROVIDE 24VDC POWER SUPPLY.
W1	EXTERIOR WALL PACK	ACRYLIC FROSTED	SURFACE WALL	LED	7711 lm	4000 K	70	LED DRIVER	UNV	64 W	120 lm/W	--	UTOPIA	DWP1-3G-62LED-3T-UNV-BZ-BG	WL
W2	EXTERIOR WALL PACK, HIGHER WATTAGE	ACRYLIC FROSTED	SURFACE WALL	LED	12266 lm	4000 K	70	LED DRIVER	UNV	100 W	123 lm/W	--	UTOPIA	DWP1-3G-100LED-3T-UNV-BZ-BG	WL
W3	EXTERIOR WALL PACK, SMALL	ACRYLIC FROSTED	SURFACE WALL VERTICAL	LED	2704 lm	4000 K	70	LED DRIVER	UNV	20 W	135 lm/W	--	ILP	OWS-2L-U-CCTS-BRZ	WL
W4	CANOPY DOWNLIGHT, EXTERIOR	POLYCARBONATE	CEILING SURFACE	LED	3750 lm	4000 K	80	LED DRIVER	UNV	30 W	125 lm/W	--	COOPER	BAA-G12-PP-BZ-LD4-30W-40-CL-UNV	WL

TRANSFORMER SCHEDULE

Identity Mark	LOCATION NAME	NUMBER	KVA	PHASE	PRIMARY VOLTAGE	SECONDARY VOLTAGE	MOUNTING STYLE	NOTES
T1	ELEC	179B	75	3	480 V	208Y/120	STAND	DRY
T2	ELECTRIC	154A	500	3	480 V	208Y/120	SURFACE	DRY



ONE-LINE CONSTRUCTION KEY NOTES: (#)

1. PROVIDE 225A 3-POLE BREAKER UL-RATED FOR USE IN EXISTING PANEL.
2. PROVIDE CONNECTION TO EXISTING 400A3P SPARE IN MDP PANEL.

SINGLE LINE SHEET NOTES

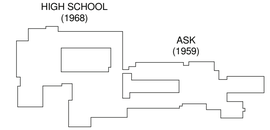
A. OVERCURRENT DEVICES OF ENTIRE DISTRIBUTION SYSTEM SHALL MEET STATED FAULT CURRENT VALUES WITH FULLY RATED EQUIPMENT.
B. CONDUCTOR LENGTHS INDICATED ON THE SINGLE LINE DIAGRAM ARE FOR FAULT CURRENT CALCULATIONS ONLY. ACTUAL LENGTH SHALL BE DETERMINED BY FIELD CONDITIONS AND ACTUAL ROUTES OF FEEDERS.
C. REFER TO SWITCHBOARD SCHEDULES AND DISTRIBUTION PANEL SCHEDULES FOR ADDITIONAL REQUIREMENTS. WHERE A DISCREPANCY EXISTS BETWEEN EQUIPMENT ON THE SINGLE LINE DIAGRAM AND THE DETAILED SCHEDULES, THE ITEM OR ARRANGEMENT WITH BETTER QUALITY, GREATER QUANTITY, OR HIGHER COST SHALL BE USED.
D. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
E. REFER TO THE MOTOR AND SPECIAL CONNECTION SCHEDULE FOR ALL FEEDERS DESIGNATED "EQ".
F. GROUNDING ELECTRODE CONDUCTORS SIZES ARE NOT INDICATED ON THE SINGLE LINE DIAGRAM ARE. REFER TO THE GROUNDING RISER DIAGRAM FOR CONNECTIONS AND CONDUCTOR SIZES.

1 PARTIAL ONE-LINE DIAGRAMS
SCALE:NOT TO SCALE

GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

KEY PLAN:



SED CONTROL NO. 44-18-00-05-0-012-040

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BCA ARCHITECTS ENGINEERS

Port PRIDE

PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

REV	DATE	DESCRIPTION

DRAWN BY SMG	PROJECT NUMBER 2019-011 PH2
CHECKED BY SGV	DATE 10/6/23

ELECTRICAL SCHEDULES

BUILDING	SHEET NUMBER
HS	E600

10/9/2023 10:30:57 AM

Existing Panel: DP-2

Location: ELEC 179B
Supply From:
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120
Phases: 3
Wires: 4

A.I.C. Rating: 22,000 AMPS SYMMETRICAL
Mains Type: MAIN CB
Mains Rating: 800.0 A
MCB Rating: 800.0 A
Accessories:

Notes:

CKT	Circuit Description	Trip	Poles	Poles	Trip	Circuit Description	CKT
1							2
3	L-5 CORRIDOR PANEL	225 A	3	3	225 A	MAINT. BUILDING	4
5							6
7							8
9	FUEL ISLAND	20 A	3	3	20 A	PHASE MONITOR, POWER PANEL	10
11							12
13							14
15	FIELD PANEL PF	100 A	3	3	20 A	PLAY ROOM	16
17							18
19							20
21	SPACE	--	3	3	100 A	LIBRARY/ MEDIA CENTER PANEL L-1	22
23							24

Existing Panel: DP RM 164

Location: MECHANICAL 164
Supply From:
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120
Phases: 3
Wires: 4

A.I.C. Rating: 22,000 AMPS SYMMETRICAL
Mains Type: MAIN CB
Mains Rating: 800.0 A
MCB Rating: 800.0 A
Accessories:

Notes:

CKT	Circuit Description	Trip	Poles	Poles	Trip	Circuit Description	CKT
1							2
3	ELEVATOR	125 A	3	3	225 A	PP-4	4
5							6
7							8
9	PP-1	225 A	3	3	225 A	PP-2	10
11							12
13							14
15	PP-3	225 A	3	3	225 A	MEP-1	16
17							18
19							20
21	KP-1 KITCHEN PANEL	225 A	3	3	225 A	GP-1	22
23							24

Panel: TP SEC. 1

Location: TECHNOLOGY CLASSROOM...
Supply From: DP-2
Mounting: RECESSED
Enclosure: NEMA 1

Volts: 208Y/120
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 AMPS SYMMETRICAL
Mains Type: MLO
Mains Rating: 225.0 A
MCB Rating: 225.0 A
Accessories: PROVIDE SHUNT TRIP MAIN BREAKER

Notes:
PROVIDE DOOR-IN-DOOR ENCLOSURE PANEL.

CKT	Circuit Description	Trip	Poles	Poles	Trip	Circuit Description	CKT
1	ROUTER ROOM 303	20 A	2	2	20 A	ROUTER ROOM 303	2
3							4
5	BAND SAW ROOM 303	20 A	2	3	20 A	PLANER ROOM 303	6
7							8
9	BAND SAW ROOM 303	20 A	2				10
11							12
13	COMPOUND MITRE SAW ROOM 303	20 A	3	3	20 A	TABLE SAW ROOM 303	14
15							16
17							18
19	DRILL ROOM 303	20 A	1	3	20 A	BAND SAW ROOM 303	20
21	RECEPTACLE ROOM 303	20 A	1				22
23	DRILL ROOM 303	20 A	1	1	20 A	RECEPTACLE TECHNOLOGY CLASSROOM 303	24
25	DRILL ROOM 303	20 A	1	1	20 A	RECEPTACLE TECHNOLOGY CLASSROOM 303	26
27	DRILL ROOM 303	20 A	1	1	20 A	SANDER ROOM 303	28
29	SANDER ROOM 303	20 A	1	1	20 A	RECEPTACLES ROOM 303	30
31	RECEPTACLES ROOM 303	20 A	1	1	20 A	RECEPTACLE TECHNOLOGY CLASSROOM 303	32
33	CORD REEL ROOM 303	20 A	1	1	20 A	CORD REEL ROOM 303	34
35	CORD REEL ROOM 303	20 A	1	1	20 A	RECEPTACLES ROOM 303	36
37	RCPT	20 A	1	1	20 A	RECEPTACLE TECH/FLEX CLASSROOM 307	38
39	RCPT	20 A	1	1	20 A	RECEPTACLE TECH/FLEX CLASSROOM 307	40
41	RCPT	20 A	1	1	20 A	RECEPTACLE TECH/FLEX CLASSROOM 307	42

Panel: TP SEC. 2

Location: TECHNOLOGY CLASSROOM...
Supply From: TP SEC. 1
Mounting: RECESSED
Enclosure: NEMA 1

Volts: 208Y/120
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 AMPS SYMMETRICAL
Mains Type: MLO
Mains Rating: 225.0 A
MCB Rating: 225.0 A
Accessories: PROVIDE SHUNT TRIP MAIN BREAKER

Notes:
PROVIDE DOOR-IN-DOOR ENCLOSURE PANEL.

CKT	Circuit Description	Trip	Poles	Poles	Trip	Circuit Description	CKT
43							44
45	DHC-7 TECHNOLOGY CLASSROOM 303	125 A	3	3	50 A	DC-1 DUST COLLECTOR	46
47							48
49				1	20 A	RCPT TECH/FLEX CLASSROOM 307	50
51	JOINTER ROOM 303	20 A	3	1	20 A	SF-1 TECHNOLOGY CLASSROOM 303	52
53							54
55	RECEPTACLE TECHNOLOGY CLASSROOM 303	20 A	1				56
57	Other TECHNOLOGY CLASSROOM 303	20 A	1				58
59	EF-2 KILN 300B	20 A	1				60
61	RECEPTACLE TECH/FLEX CLASSROOM 307	20 A	1				62
63							64
65							66
67							68
69	SPARE	30 A	2	2	30 A	SPARE	70
71							72
73	SPARE	20 A	2	2	20 A	SPARE	74
75							76
77	SPARE	20 A	1	1	20 A	SPARE	78
79	SPARE	20 A	1	1	20 A	SPARE	80
81	SPARE	20 A	1	1	20 A	SPARE	82
83	SPARE	20 A	1	1	20 A	SPARE	84

Panel: HC

Location: FACS CULINARY CLASSROO...
Supply From: DP-2
Mounting: SURFACE
Enclosure: NEMA1

Volts: 208Y/120
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 AMPS SYMMETRICAL
Mains Type: MAIN CB
Mains Rating: 225.0 A
MCB Rating: 2250.0 A
Accessories:

Notes:

CKT	Circuit Description	Trip	Poles	Poles	Trip	Circuit Description	CKT
1	EF-1 FACS CULINARY CLASSROOM 306	20 A	1	2	30 A	DRYER OUTLET RM 306	2
3	RECEPTACLES RM 306	20 A	1				4
5	AC, ISLAND RECEPTACLES RM 306	20 A	1	1	20 A	AC, ISLAND RECEPTACLES RM 306	6
7	AC, ISLAND RECEPTACLES RM 306	20 A	1	1	20 A	AC, ISLAND RECEPTACLES RM 306	8
9	DISHWASHER RM 306	20 A	1	1	20 A	HOOD VENT RM 306	10
11	RECEPTACLES RM 308	20 A	1	1	20 A	FRIDGE RM 306	12
13	OVEN RM 306	20 A	1	1	20 A	RECEPTACLE RM 308	14
15	OVEN FACS CULINARY CLASSROOM 306	50 A	2	2	50 A	OVEN FACS CULINARY CLASSROOM 306	16
17							18
19	OVEN FACS CULINARY CLASSROOM 306	50 A	2	2	50 A	OVEN FACS CULINARY CLASSROOM 306	20
21							22
23							24
25							26
27							28
29							30
31							32
33							34
35	SPARE	20 A	1	1	20 A	SPARE	36
37	SPARE	20 A	1	1	20 A	SPARE	38
39	SPARE	20 A	1	1	20 A	SPARE	40
41	SPARE	20 A	1	1	20 A	SPARE	42

Panel: HVB

Location: STORAGE 166H
Supply From: MDP
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 480Y/277
Phases: 3
Wires: 4

A.I.C. Rating: 14,000 AMPS SYMMETRICAL
Mains Type: MAIN CB
Mains Rating: 400.0 A
MCB Rating: 400.0 A
Accessories:

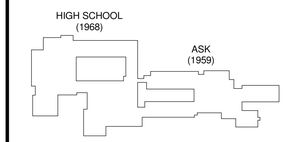
Notes:

CKT	Circuit Description	Trip	Poles	Poles	Trip	Circuit Description	CKT
1							2
3	RTU-1	150 A	3	3	150 A	RTU-2	4
5							6
7							8
9	RTU-4	20 A	3	3	20 A	SPARE	10
11							12
13							14
15							16
17							18
19							20
21							22
23							24
25							26
27							28
29							30
31							32
33							34
35							36
37	SPARE	20 A	1	1	20 A	SPARE	38
39	SPARE	20 A	1	1	20 A	SPARE	40
41	SPARE	20 A	1	1	20 A	SPARE	42

GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

KEY PLAN:



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Port PRIDE

PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

REV	DATE	DESCRIPTION

DRAWN BY SMG	PROJECT NUMBER 2019-011 PH2
CHECKED BY SGV	DATE 10/6/23

ELECTRICAL SCHEDULES

BUILDING	SHEET NUMBER
HS	E601

10/9/2023 10:18:17 AM

Panel: ELP

Location: RECEIVING 154
Supply From:
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 120/240
Phases: 1
Wires: 3

A.I.C. Rating: 10,000 AMPS SYMMETRICAL
Mains Type: MCB
Mains Rating: 100.0 A
MCB Rating: 100.0 A
Accessories:

Notes:
TRACE OUT ALL BRANCH CIRCUIT WIRING AND PROVIDE UPDATED, TYPED PANEL SCHEDULE WITH DESCRIPTION/ROOM NAMES FOR EACH BREAKER.

CKT	Circuit Description	Trip	Poles	Poles	Trip	Circuit Description	CKT
1	EXISTING LOAD (V.I.F.)	20 A	1	1	20 A	EXISTING LOAD (V.I.F.)	2
3	EXISTING LOAD (V.I.F.)	20 A	1	1	20 A	EXISTING LOAD (V.I.F.)	4
5	EXISTING LOAD (V.I.F.)	20 A	1	1	20 A	INTRUSION ALARM (V.I.F.)	6
7	SPACE	--	1	1	--	SPACE	8
9	FIRE DOOR HALL (V.I.F.)	20 A	1	1	20 A	OFFICE/CUSTODIAL (V.I.F.)	10
11	RECEPTACLE (V.I.F.)	20 A	1	1	20 A	FIRE ALARM (V.I.F.)	12

Panel: DGO

Location:
Supply From: BASEMENT PANEL
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 120/208
Phases: 1
Wires: 3

A.I.C. Rating: 10,000 AMPS SYMMETRICAL
Mains Type: MAIN CB
Mains Rating: 100.0 A
MCB Rating: 50.0 A
Accessories:

Notes:
SEE ELECTRICAL SITE PLANS FOR FEEDER INFORMATION.

CKT	Circuit Description	Trip	Poles	Poles	Trip	Circuit Description	CKT
1	SCOREBOARD	20 A	1	1	20 A	SCOREBOARD	2
3	RECEPTACLE DUGOUT	20 A	1	1	20 A	RECEPTACLE DUGOUT	4
5	RECEPTACLE DUGOUT	20 A	1	1	20 A	RECEPTACLE DUGOUT	6
7	RECEPTACLES TENNIS COURTS	20 A	1	1	20 A	SPARE	8
9	SPARE	20 A	1	1	20 A	SPARE	10
11	SPARE	20 A	1	1	20 A	SPARE	12
13	SPARE	20 A	1	1	--	SPACE	14
15	SPACE	--	1	1	--	SPACE	16
17	SPACE	--	1	1	--	SPACE	18
19	SPACE	--	1	1	--	SPACE	20
21	SPACE	--	1	1	--	SPACE	22
23	SPACE	--	1	1	--	SPACE	24

Panel: PA-1

Location: ELEC 141C
Supply From:
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 AMPS SYMMETRICAL
Mains Type: MAIN CB
Mains Rating: 225.0 A
MCB Rating: 225.0 A
Accessories:

Notes:
TRACE OUT ALL BRANCH CIRCUIT WIRING AND PROVIDE UPDATED, TYPED PANEL SCHEDULE WITH DESCRIPTION/ROOM NAMES FOR EACH BREAKER. EXISTING PANEL IS 26 BREAKERS. NEW PANEL IS TO BE 42 CIRCUIT.

CKT	Circuit Description	Trip	Poles	Poles	Trip	Circuit Description	CKT
1	CORRIDOR LIGHTS (V.I.F.)	20 A	1				2
3	STORAGE TEAM RM LIGHTS (V.I.F.)	20 A	1	3	50 A	SHOP LIGHTS (V.I.F.)	4
5	SHOP OFFICE, OUTDOOR LIGHTS (V.I.F.)	20 A	1				6
7	SPARE (V.I.F.)	20 A	1	1	20 A	SPARE (V.I.F.)	8
9				1	20 A	EXISTING LOAD (V.I.F.)	10
11	I.T. AIR CONDITIONER (V.I.F.)	20 A	3	1	20 A	EXISTING LOAD (V.I.F.)	12
13				1	20 A	SPARE (V.I.F.)	14
15							16
17	EXISTING LOAD (V.I.F.)	20 A	3	3	100 A	EXISTING LOAD (V.I.F.)	18
19							20
21							22
23	BASEMENT PUMPS (V.I.F.)	20 A	3	3	15 A	BASEMENT PUMPS (V.I.F.)	24
25							26
27	SPARE	20 A	1	1	20 A	SPARE	28
29	SPARE	20 A	1	1	20 A	SPARE	30
31	SPARE	20 A	1	1	20 A	SPARE	32
33	SPACE	--	1	1	--	SPACE	34
35	SPACE	--	1	1	--	SPACE	36
37	SPACE	--	1	1	--	SPACE	38
39	SPACE	--	1	1	--	SPACE	40
41	SPACE	--	1	1	--	SPACE	42

Panel: PA-2

Location: ELEC 141C
Supply From:
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 AMPS SYMMETRICAL
Mains Type: MAIN CB
Mains Rating: 75.0 A
MCB Rating: 75.0 A
Accessories:

Notes:
TRACE OUT ALL BRANCH CIRCUIT WIRING AND PROVIDE UPDATED, TYPED PANEL SCHEDULE WITH DESCRIPTION/ROOM NAMES FOR EACH BREAKER. EXISTING PANEL IS 26 BREAKERS. NEW PANEL IS TO BE 30 CIRCUIT.

CKT	Circuit Description	Trip	Poles	Poles	Trip	Circuit Description	CKT
1							2
3	EXISTING LOAD (V.I.F.)	20 A	3	3	20 A	EXISTING LOAD (V.I.F.)	4
5							6
7							8
9	EXISTING LOAD (V.I.F.)	20 A	3	3	20 A	EXISTING LOAD (V.I.F.)	10
11							12
13							14
15	EXISTING LOAD (V.I.F.)	20 A	3	3	20 A	EXISTING LOAD (V.I.F.)	16
17							18
19							20
21	MAINTENANCE SHOP BREAKER (V.I.F.)	40 A	3	3	20 A	EXISTING LOAD (V.I.F.)	22
23							24
25	SPARE (V.I.F.)	20 A	1	1	20 A	RM 101 (V.I.F.)	26
27	SPARE	20 A	1	1	20 A	SPARE	28
29	SPARE	20 A	1	1	20 A	SPARE	30

Panel: PA-3

Location: ELEC 141C
Supply From:
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 AMPS SYMMETRICAL
Mains Type: MAIN CB
Mains Rating: 100.0 A
MCB Rating: 100.0 A
Accessories:

Notes:
TRACE OUT ALL BRANCH CIRCUIT WIRING AND PROVIDE UPDATED, TYPED PANEL SCHEDULE WITH DESCRIPTION/ROOM NAMES FOR EACH BREAKER.

CKT	Circuit Description	Trip	Poles	Poles	Trip	Circuit Description	CKT
1	OUTSIDE LIGHTS (V.I.F.)	20 A	1	1	20 A	SOUTH COMPUTER RM & EMERGENCY LIGHTS (V.I.F.)	2
3	SOUTH COMPUTER RM LIGHTS (V.I.F.)	20 A	1	1	20 A	NORTH COMPUTER RM & EMERGENCY LIGHTS (V.I.F.)	4
5	TENNIS COURT LIGHTS (V.I.F.)	20 A	1	1	20 A	NORTH COMPUTER RM & HALL LIGHTS (V.I.F.)	6
7	SPARE (ON, VIF)	20 A	1	1	20 A	STORAGE-OFFICE & MEDIA LIGHTS (V.I.F.)	8
9	SPARE (ON, VIF)	20 A	1	1	20 A	ROOFTOP, P.E. RECEPTACLES (V.I.F.)	10
11	MEDIA RECEPT./IT LIGHTS (V.I.F.)	20 A	1	1	20 A	RECEPTACLES (V.I.F.)	12
13	EXIT LIGHTS (V.I.F.)	20 A	1	1	20 A	CLASSROOM RECEPTACLES (V.I.F.)	14
15	SPARE (V.I.F.)	20 A	1	1	20 A	ELECTRIC ROOM EXHAUST FAN (V.I.F.)	16
17							18
19	SPARE (V.I.F.)	20 A	3	3	20 A	SPARE (V.I.F.)	20
21							22
23							24
25	SPARE (V.I.F.)	20 A	3	3	90 A	EXISTING LOAD - RTU (V.I.F.)	26
27							28
29							30
31	SPARE (V.I.F.)	20 A	3	3	20 A	SPARE (V.I.F.)	32
33							34
35							36
37	SPARE (V.I.F.)	20 A	3	3	20 A	SPARE (V.I.F.)	38
39							40
41	SPARE (ON, VIF)	20 A	1	1	20 A	SPARE (ON, VIF)	42

Panel: MHK

Location: KITCHEN 145
Supply From: DP-2
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 AMPS SYMMETRICAL
Mains Type: MAIN CB
Mains Rating: 225.0 A
MCB Rating: 225.0 A
Accessories:

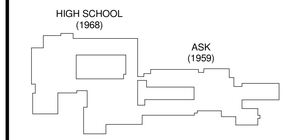
Notes:

CKT	Circuit Description	Trip	Poles	Poles	Trip	Circuit Description	CKT
1	MS CAFETERIA LIGHTS	20 A	1	1	20 A	MS CAFETERIA MILK COOLER RECEPTACLE	2
3	MS CAFETERIA LIGHTS	20 A	1	1	20 A	MS CAFETERIA REFRIGERATED MERCHANDISER RECEPTACLE	4
5	MS CAFETERIA SINGLE DOOR REFRIGERATOR RECEPTACLE	20 A	1	2	20 A	MS CAFETERIA 4 WELL HOT FOOD UNIT	6
7	MS CAFETERIA MOBILE WARMING CABINET RECEPTACLE	20 A	1				8
9	MS CAFETERIA MILK COOLER RECEPTACLE	20 A	1	1	20 A	MS CAFETERIA SOLID TOP UNIT RECEPTACLE	10
11	MS CAFETERIA REFRIGERATED MERCHANDISER RECEPTACLE	20 A	1	1	20 A	MS CAFETERIA ICE CREAM MERCHANDISER RECEPTACLE	12
13	MS CAFETERIA SOLID TOP UNIT RECEPTACLE	20 A	1	1	20 A	MS CAFETERIA CASHIER STATION RECEPTACLE	14
15	MS CAFETERIA SOLID TOP UNIT RECEPTACLE	20 A	1	1	20 A	MS CAFETERIA CASHIER STATION RECEPTACLE	16
17	MS CAFETERIA SOLID TOP UNIT RECEPTACLE	20 A	1				18
19							20
21							22
23							24
25							26
27							28
29							30
31	SPARE	20 A	2	2	20 A	SPARE	32
33							34
35	SPARE	20 A	1	1	20 A	SPARE	36
37	SPARE	20 A	1	1	20 A	SPARE	38
39	SPARE	20 A	1	1	20 A	SPARE	40
41	SPARE	20 A	1	1	20 A	SPARE	42

GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

KEY PLAN:



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Port PRIDE

PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

REV	DATE	DESCRIPTION

DRAWN BY SMG	PROJECT NUMBER 2019-011 PH2
CHECKED BY SGV	DATE 10/6/23

ELECTRICAL SCHEDULES

BUILDING	SHEET NUMBER
HS	E602

10/9/2023 10:25:05 AM

Existing Panel: DP-2

Location: ELECTRIC 154A
Supply From:
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120
Phases: 3
Wires: 4

A.I.C. Rating: 42,000 AMPS SYMMETRICAL
Mains Type: MAIN CB
Mains Rating: 800.0 A
MCB Rating: 800.0 A
Accessories:

Notes:

CKT	Circuit Description	Trip	Poles		Poles	Trip	Circuit Description	CKT
1								2
3	PANEL TP TECH CLASS RM 303	225 A	3		3	225 A	PANEL HC FACS RM 306	4
5								6
7								8
9	PANEL MHK KITCHEN RM 145	225 A	3					10
11								12
13								14
15								16
17								18
19								20
21	RTU-2	20 A	3		3	100 A	RTU-1	22
23								24
25								26
27	TRASH COMPACTOR	60 A	3		3	20 A	NO LABEL (ON)	28
29								30
31								32
33	NO LABEL (ON)	100 A	3		3	100 A	CP3	34
35								36
37								38
39	NO LABEL (ON)	100 A	3		3	100 A	NO LABEL (ON)	40
41								42
43								44
45	ELEVATOR	100 A	3		3	100 A	PPS BUILDING	46
47								48
49								50
51	DP-23	100 A	3		3	100 A	GENERATOR ENCLOSURE PANEL	52
53								54

Panel: L-4

Location:
Supply From:
Mounting: RECESSED
Enclosure: NEMA1

Volts: 208Y/120
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 AMPS SYMMETRICAL
Mains Type: MLO
Mains Rating: 225.0 A
MCB Rating: 225.0 A
Accessories:

Notes:
TRACE OUT ALL BRANCH CIRCUIT WIRING AND PROVIDE UPDATED, TYPED PANEL SCHEDULE WITH DESCRIPTION/ROOM NAMES FOR EACH BREAKER. EXISTING PANEL IS 42 BREAKERS. NEW PANEL IS TO BE 54 CIRCUIT.

CKT	Circuit Description	Trip	Poles		Poles	Trip	Circuit Description	CKT
1	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	2
3	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	4
5	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	6
7	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	8
9	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	10
11	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	12
13	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	14
15	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	16
17	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	18
19	EXISTING LOAD	20 A	1		1	20 A	RECEPTACLES BAND RM 168	20
21	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	22
23	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	24
25	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	26
27	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	28
29	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	30
31	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	32
33	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	34
35	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	36
37	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	38
39	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	40
41	EXISTING LOAD	20 A	1		1	20 A	EXISTING LOAD	42
43	RECEPTACLE RESTROOM 169B	20 A	1		1	20 A	LIGHTING CHORUS RM 167	44
45	RECEPTACLE RESTROOM 169B	20 A	1		1	20 A	LIGHITING BAND RM 168	46
47	RECEPTACLE RESTROOM 169B	20 A	1		1	20 A	RECEPTACLES BAND RM 168	48
49	RECEPTACLE ISS 98	20 A	1		1	20 A	SPARE	50
51	RECEPTACLE ISS 98	20 A	1		1	20 A	SPARE	52
53	RECEPTACLE	20 A	1		1	20 A	SPARE	54

KITCHEN CONNECTION SCHEDULE

ITEM NO	QTY	EQUIPMENT CATEGORY	AMPS	KW	HP	VOLTS	PHASE	CIRCUIT	WIRE	CONDUIT	DIRECT	ELECTRICAL AFF (IN)	PLUG	NEMA	ELECTRICAL REMARKS	ITEM NO
1	2	CASH REGISTER	1			120	1	MHP-19	3-#12	3/4				5-20R	2 UNITS TO BE CONNECTED: PROVIDE (2) PEDISTAL RECEPTACLES	1
2	1	CASHIERS STATION	12			120	1	MHK-19	3-#12	3/4				5-20R	SEE DRAWING FSE04 FOR FURTHER INFORMATION	2
3	1	SOLID TOP UNIT	15			120	1	MHK-17	3-#10	3/4				5-20R	SEE DRAWING FSE04 FOR FURTHER INFORMATION	3
4	1	HEATED SANDWICH SLIDE	12.5			120	1	MHK-17	3-#12	3/4				5-20R	SEE DRAWING FSE04 FOR FURTHER INFORMATION	4
5	2	TWO TIER HOT/COLD FROST TOP UNITS	8			120	1	MHK-13 AND 15	3-#12	3/4			X	5-20P	SEE DRAWING FSE04 FOR FURTHER INFORMATION	5
6	1	SOLID TOP UNIT	20.7			120	1	MHK-13 AND 15	3-#8	3/4				5-30R	SEE DRAWING FSE04 FOR FURTHER INFORMATION	6
8	1	2 WELL HOT/COLD UNIT	12.7			120	1	MHK-34	3-#12	3/4			X	5-20P	SEE DRAWING FSE04 FOR FURTHER INFORMATION	8
10	1	SINGLE DOOR REFRIGERATOR	5.2			120	1	MHK-5	3-#12	3/4		70		5-20R	70"AFF	10
11	1	MOBILE WARMING CABINET	16.7			120	1	MHK-7	3-#10	3/4		48		5-20R	48" AFF	11
12	2	REFRIGERATED MERCHANDISERS	14.7			120	1	MHK-11 AND 23	3-#10	3/4				5-20R	2 UNITS TO BE CONNECTED: PROVIDE (2) PEDISTAL RECEPTACLES	12
14	2	MILK COOLERS	5.7			120	1	MHK-9 AND 21	3-#12	3/4				5-20R	2 UNITS TO BE CONNECTED: PROVIDE (2) PEDISTAL RECEPTACLES	14
15	1	4 WELL HOT FOOD UNIT	19.2			208	1	MHK-25, 27	4-#8	3/4				6-30R	SEE DRAWING FSE04 FOR FURTHER INFORMATION	15
17	1	SOLID TOP UNIT	15			120	1	MHK-29	3-#12	3/4				5-20R	SEE DRAWING FSE04 FOR FURTHER INFORMATION	17
19	1	ICE CREAM MERCHANDISER	1.3			120	1	MHK-31	3-#12	3/4				5-20R	SEE DRAWING FSE04 FOR FURTHER INFORMATION	19
22	1	CASHIERS STATION	12			120	1	MHK-33	3-#12	3/4				5-20R	SEE DRAWING FSE04 FOR FURTHER INFORMATION	22

GENERAL NOTES:

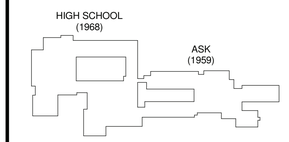
"A" WASTE SHOULD BE CONNECTED TO GREASE INTERCEPTOR.
"B" PLUMBING CONTRACTOR TO INTERPIPE WASTE TO FLOOR DRAIN OR FLOOR SINK.
"C" PLUMBING CONTRACTOR TO INTERPIPE FROM WATER FILTER TO UNIT.
"D" FIRE SUPPRESSION SYSTEM; ELECTRICAL CONTRACTOR SHALL INTERCONNECT BETWEEN CONTROL PANEL AND BUILDING FIRE ALARM SYSTEM.
"E" ELECTRICAL CONTRACTOR SHALL INTERWIRE TABLE LIMIT SWITCH WITH DISHWASHER.
"F" FOODSERVICE EQUIPMENT CONTRACTOR TO INTERPIPE ALL REFRIGERATION PIPING BETWEEN UNIT AND REMOTE CONDESNING UNIT.
"G" ELECTRICAL CONTRACTOR TO INTERWIRE BETWEEN WALL MOUNTED SWITCHES, REMOTE CONTROL PANEL, HOOD TIMER PANEL AND ROOFTOP EXHAUST/SUPPLY AIR FAN(S).
"H" KEC TO PROVIDE GAS HOSE FOR PLUMBING CONTRACTOR TO INSTALL.
"I" ELECTRICAL CONTRACTOR TO INTERWIRE LIGHTS TO WALL MOUNTED SWITCHES. EC SHALL INTERWIRE HOOD LIGHT FIXTURES & HEAT SENSORS.
"J" PLUMBING CONTRACTOR TO PIPE TROUGH AND GENERAL CONTRACTOR SHALL INSTALL THE FLOOR TROUGH (PROVIDED BY FSEC).
"K" PROVIDE FLOOR RECEPTACLE FOR UNIT TO PLUG INTO.
"L" ELECTRICAL CONTRACTOR TO INTERWIRE CONTROL WIRING BETWEEN EVAPORATOR AND CONDENSING UNIT.
"M" FOODSERVICE EQUIPMENT CONTRACTOR TO SUPPLY HEAT TAPE FOR CONDENSATE PIPE. ELECTRICAL CONTRACTOR TO WIRE HEAT TAPE.
"N" ELECTRICAL CONTACTOR/SHUNT TRIP BREAKER BY EC
"O" ELECTRICAL CONTRACTOR TO INSTALL LIGHT FIXTURES (SUPPLIED BY FSEC) AND INTERWIRE LIGHTS & LIGHT SWITCH.
"P" INDIVIDUAL HOOD CONTROL INTERFACES ARE TO BE MOUNTED AT 48" AFF
"Q" MECHANICAL CONTRACTOR TO PROVIDE BACKDRAFT DAMPER IN EXHUAST DUCT.
"R" ELECTRICAL CONTRACTOR SHALL INTERWIRE EXHAUST FAN WITH DISHWASHER.
"S" PLUMBING CONTRACTOR TO PLUG DRAIN NOT BEING USED.
"T" INTERPIPE FROM CONTROL PANEL TO HOSE REEL.
"U" ELECTRICAL CONTRACTOR TO INTERWIRE ALL CONTROLLERS AND OR DRIVERS FOR THIS DEVICE TO THE PIPER SOLID TOP UNIT AND PROVIDE A SWITCH FOR THE LIGHT.
"V" PLUMBING CONTRACTOR SHALL PIPE CONDENDATE DRAINAGE TO A COORDINATED EXTERIOR LOCATION.

NOTE: THE CONTRACTOR SHALL VERIFY ALL INFORMATION ON THIS DRAWING, INCLUDING NEMA OUTLET CONFIGURATIONS AND CONNECTIONS, PRIOR TO ORDERING, BY SUBMITTING CATALOG CUTS. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS. CONTRACTORS SHALL VERIFY MEP REQUIREMENTS FOR ALL EXISTING EQUIPMENT.

GENERAL NOTES:

1. SEE DRAWING ES000 FOR APPLICABLE GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LEGENDS

KEY PLAN:



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Port PRIDE

PORT JERVIS CITY SCHOOL DISTRICT
ALTERATIONS TO:
PORT JERVIS MIDDLE SCHOOL / HIGH SCHOOL
Port Jervis - Orange County - New York

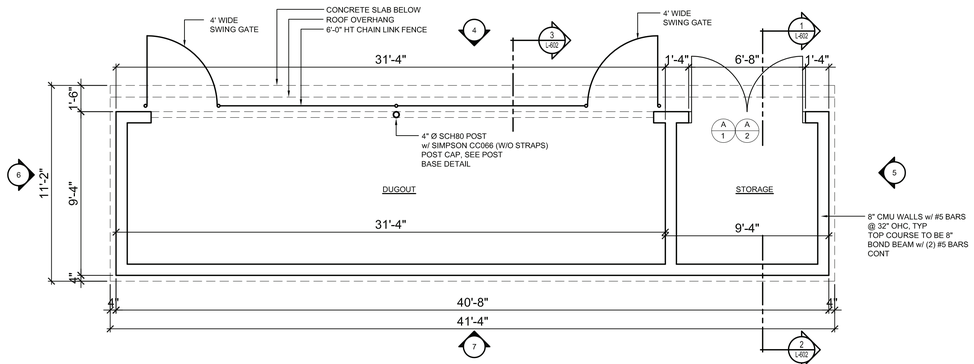
REV	DATE	DESCRIPTION

DRAWN BY SMG	PROJECT NUMBER 2019-011 PH2
CHECKED BY SGV	DATE 10/6/23

ELECTRICAL SCHEDULES

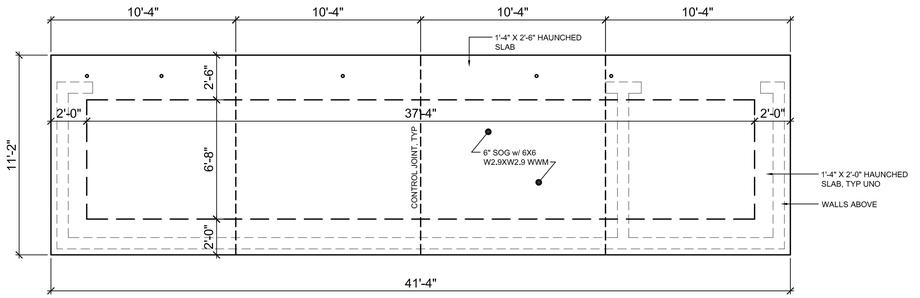
BUILDING	SHEET NUMBER
HS	E603

10/9/2023 10:18:21 AM



1 VARSITY BASEBALL & SOFTBALL DUGOUT PLAN

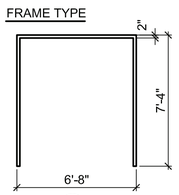
SCALE: 1/4" = 1'-0"



2 VARSITY BASEBALL & SOFTBALL FOUNDATION PLAN

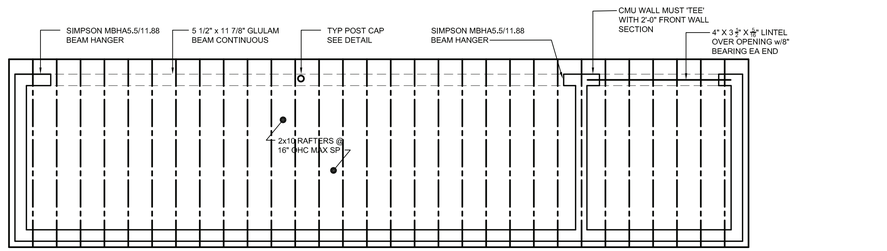
SCALE: 1/4" = 1'-0"

FRAME TYPE



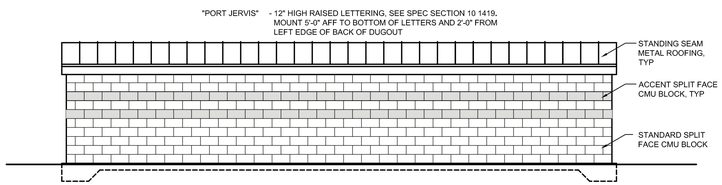
F1

DOOR SCHEDULE													
DOOR TAG	ROOM NAME	DOOR						FRAME			DETAILS		
		WxH	THK	ELEV	MAT'L	FIN	HDWR	ELEV	MAT'L	FIN	HEAD	JAMB	THRESHOLD
A1	HOME - BB	PR 3'-2" x 7'-2"	1 3/4"	4/L600	FRP	FACTORY FINISH	01	F1	ALUM	MFG	5/L602	10/L602	11/L602
A2	HOME - SOFTBALL	PR 3'-2" x 7'-2"	1 3/4"	4/L600	FRP	FACTORY FINISH	01	F1	ALUM	MFG	5/L602	10/L602	11/L602



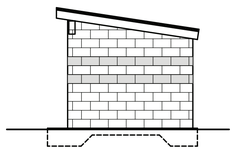
3 VARSITY BASEBALL & SOFTBALL ROOF FRAMING PLAN

SCALE: 1/4" = 1'-0"



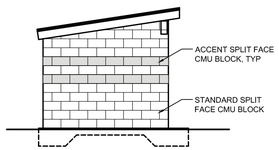
7 REAR ELEVATION

SCALE: 3/16" = 1'-0"



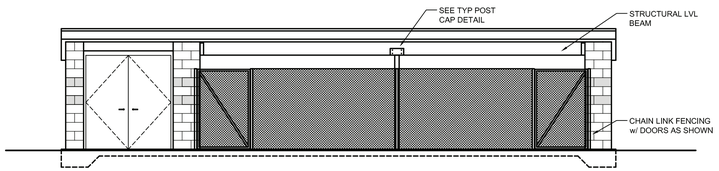
6 SIDE ELEVATION

SCALE: 3/16" = 1'-0"



5 SIDE ELEVATION

SCALE: 3/16" = 1'-0"



4 FRONT ELEVATION

SCALE: 3/16" = 1'-0"

KEY PLAN:

SED CONTROL NO. 44-18-00-05-7-058-001
SED CONTROL NO. 44-18-00-05-7-057-001

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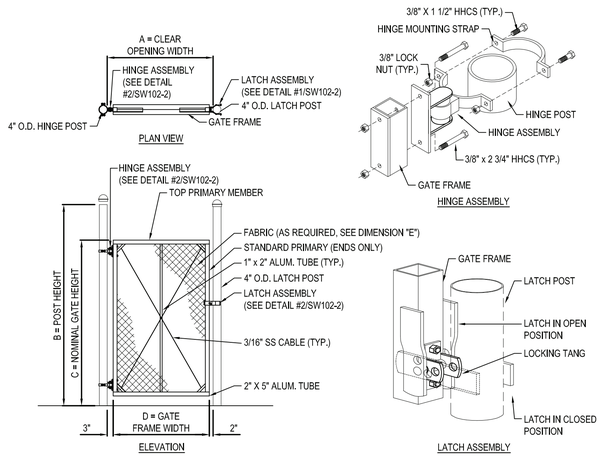
Port Jervis - Orange County - New York

REV	DATE	DESCRIPTION

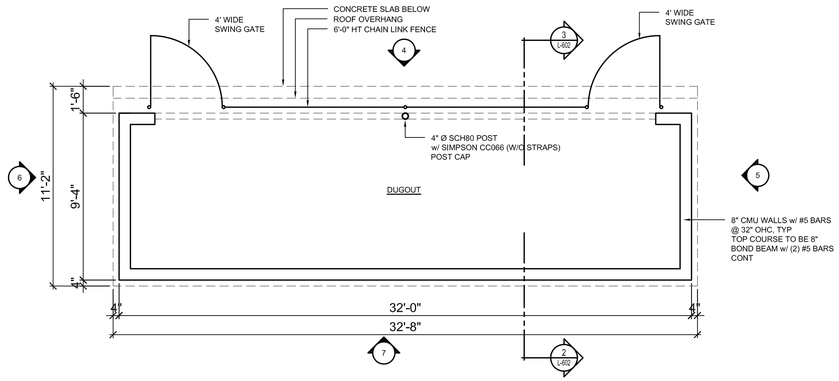
DRAWN BY: DRF / TMF	PROJECT NUMBER: 2019-011 PH2
CHECKED BY: JTM	DATE: 10/06/2023

HOME DUGOUT PLANS & DETAILS

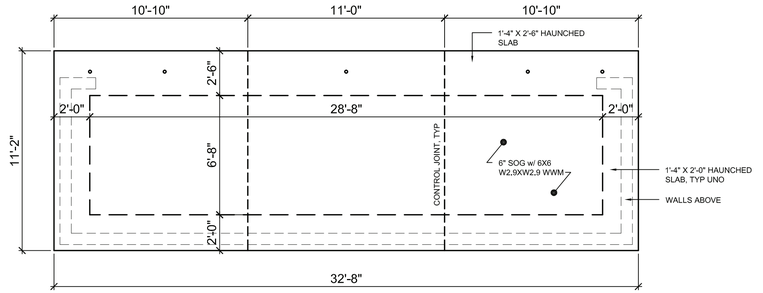
BUILDING	SHEET NUMBER
DG	L600



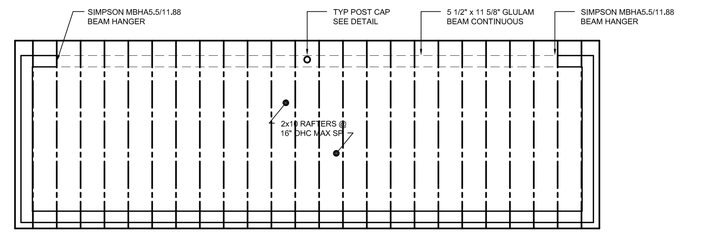
8 TYPICAL GATE FRAME AND LATCH DETAILS
SCALE: N.T.S.



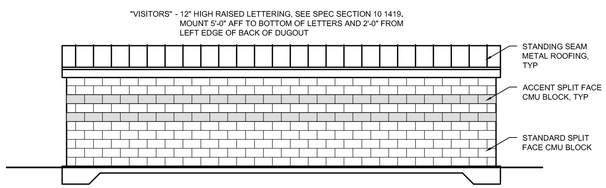
1 VARSITY BASEBALL & SOFTBALL DUGOUT PLAN
SCALE: 1/4" = 1'-0"



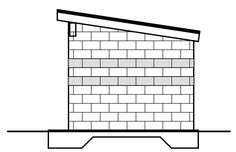
2 VARSITY BASEBALL & SOFTBALL FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



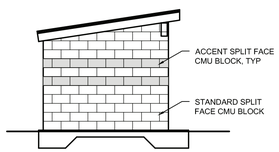
3 VARSITY BASEBALL & SOFTBALL ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"



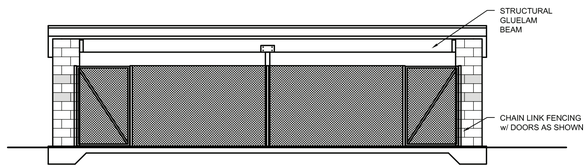
7 REAR ELEVATION
SCALE: 3/16" = 1'-0"



6 SIDE ELEVATION
SCALE: 3/16" = 1'-0"

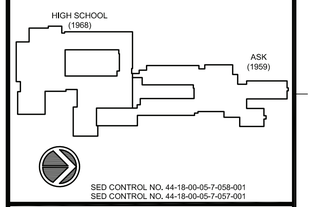


5 SIDE ELEVATION
SCALE: 3/16" = 1'-0"



4 FRONT ELEVATION
SCALE: 3/16" = 1'-0"

KEY PLAN:



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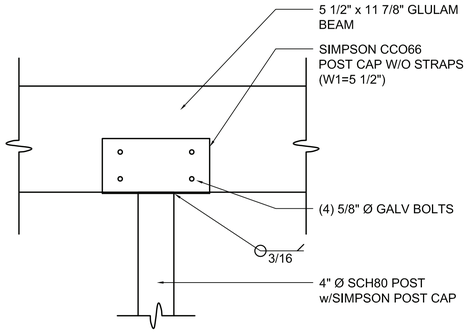
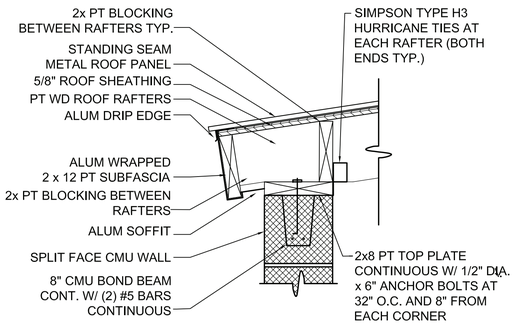
DRAWN BY	PROJECT NUMBER
DRF / TMF	2019-011 PH2
CHECKED BY	DATE
JTM	10/06/2023

VISITOR DUGOUT PLANS & DETAILS

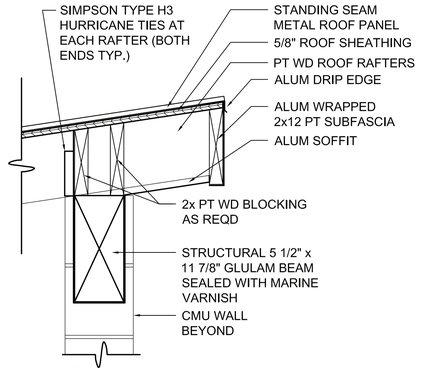
BUILDING	SHEET NUMBER
DG	L601



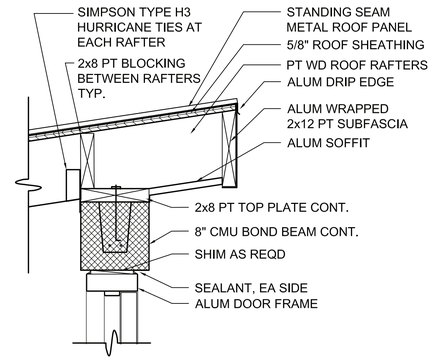
8 TYP POST CAP DETAIL
SCALE: 1-1/2" = 1'-0"



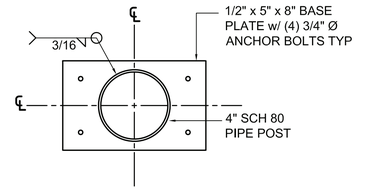
7 DETAIL - ROOF EDGE AT CMU WALL
SCALE: 1-1/2" = 1'-0"



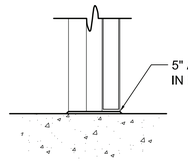
6 DETAIL - ROOF EDGE AT BEAM
SCALE: 1-1/2" = 1'-0"



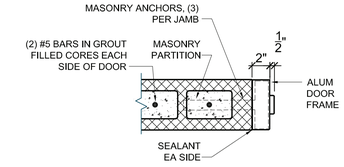
5 DETAIL - ROOF EDGE AT DOOR
SCALE: 1-1/2" = 1'-0"



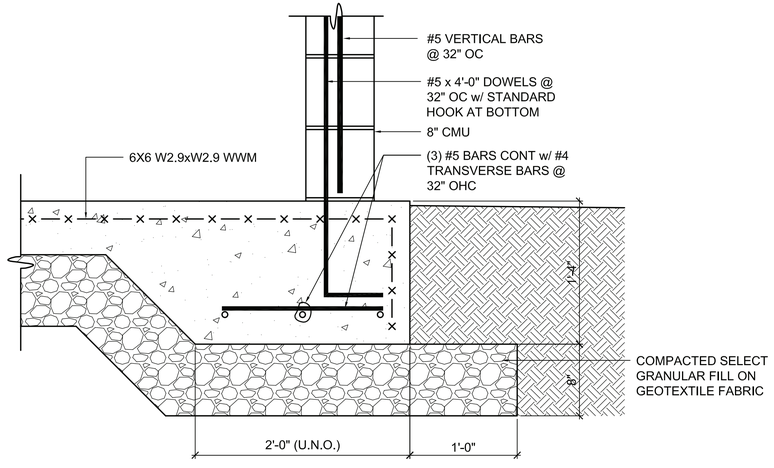
9 POST BASE DETAIL
SCALE: 3" = 1'-0"



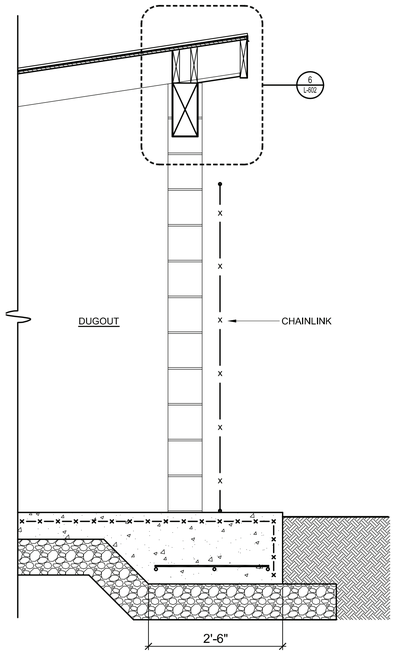
11 THRESHOLD DETAIL
SCALE: 1-1/2" = 1'-0"



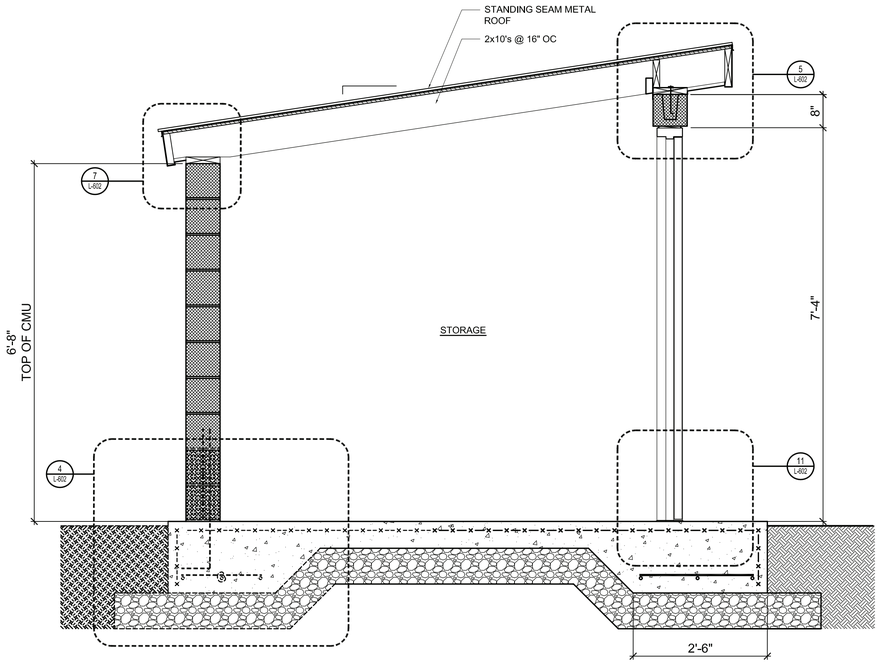
10 DETAIL - HM DOOR JAMB
SCALE: 1-1/2" = 1'-0"



4 HAUNCH SLAB SECTION DETAIL
SCALE: 1-1/2" = 1'-0"



3 WALL SECTION
SCALE: 3/4" = 1'-0"



2 WALL SECTION
SCALE: 3/4" = 1'-0"

1 WALL SECTION
SCALE: 3/4" = 1'-0"

Structural Design Criteria:

1. Building Code:
   - 1.1. Building Code: 2020 Building Code of New York State
   - 1.2. ASCE7-16
   - 1.3. Occupancy Category: II
   - 1.4. Design Basis: Allowable Stress Design
2. Live Loads:
   - 2.1. Floor Live Loads: 125psf
3. Snow Loads:
   - 3.1. Ground Snow Load — Pg: 40psf
   - 3.2. Flat Roof Snow Load — Pf: 33.6psf
   - 3.3. Snow Exposure Factor: Ce: 1.00
   - 3.4. Snow Importance Factor: Is: 1.00
   - 3.5. Thermal Factor — Ct: 1.2 (Unheated Structure)
4. Wind Loads:
   - 4.1. Basic Wind Speed Vult=115mph, Vasd=89mph
   - 4.2. Wind Exposure B
   - 4.3. Internal Pressure Coeff +/- 0.55 (Partially Enclosed Structure)
   - 4.4. Component and Cladding Loads:
     - 4.4.1. Zone 1: +9.7psf, -13.7psf
     - 4.4.2. Zone 2: +9.7psf, -35.3psf
     - 4.4.3. Zone 3: +9.7psf, -39.9psf
     - 4.4.4. Zone 4: +202psf, -22.2psf
     - 4.4.5. Zone 5: +20.2psf, -24.7psf
5. Earthquake Design Data:
   - 5.1. Seismic Importance Factor — Ie: 1.00
   - 5.2. Site Class — D
   - 5.3. Mapped Spectral Response:
     - 5.3.1. Short Term — Ss: 0.19g
     - 5.3.2. 1 Sec — S1: 0.052g
   - 5.4. Design Spectral Response:
     - 5.4.1. Short Term — SDs: 0.204g
     - 5.4.2. 1 Sec — SD1: 0.083g
   - 5.5. Seismic Force Resisting System: Reinforced Masonry Shear Walls
   - 5.6. Response Modification Factor: R: 2.0
   - 5.7. Seismic Response Coeff — Cs: 0.10
   - 5.8. Analysis Procedure Used: ELF Method
   - 5.9. Seismic Base Shear: V=.010W
   - **5.10. Seismic Design Category: SDC: B**
6. Allowable Soil Bearing Pressure: 1500psf

KEY PLAN:

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BCA ARCHITECTS ENGINEERS

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REV	DATE	DESCRIPTION

DRAWN BY: DRF	PROJECT NUMBER: 2019-011 PH2
CHECKED BY: JTM	DATE: 10/06/2023

DUGOUT DETAILS

BUILDING	SHEET NUMBER
DG	L602