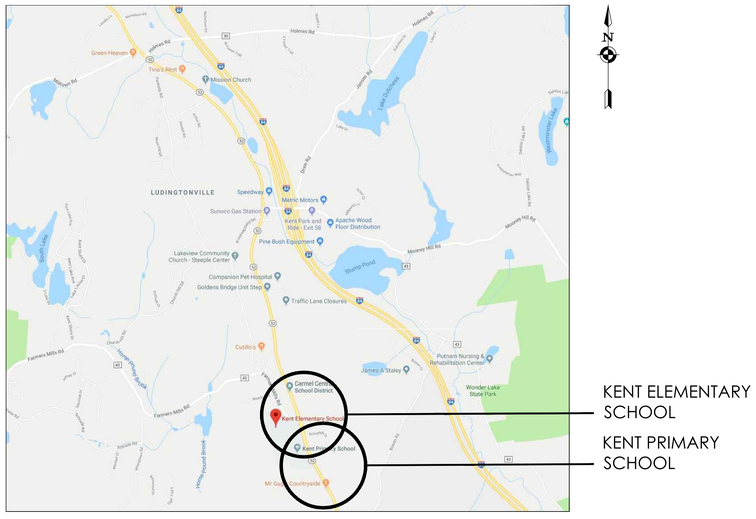
CARMEL CENTRAL SCHOOL DISTRICT

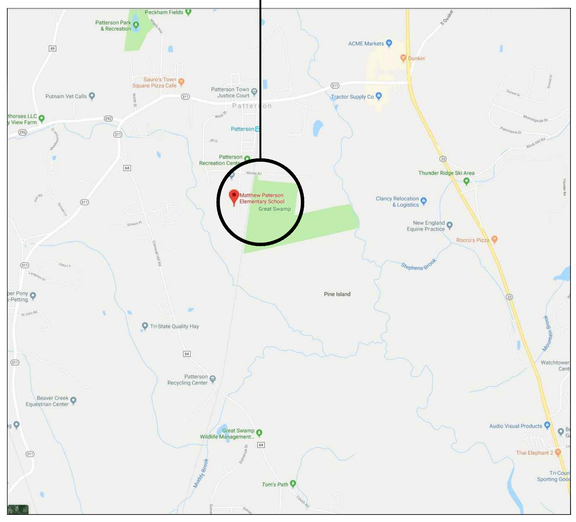
81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563

2019 GEORGE FISCHER LIBRARY IMPROVEMENTS
AND
DISTRICT WIDE ADA COMPLIANCE

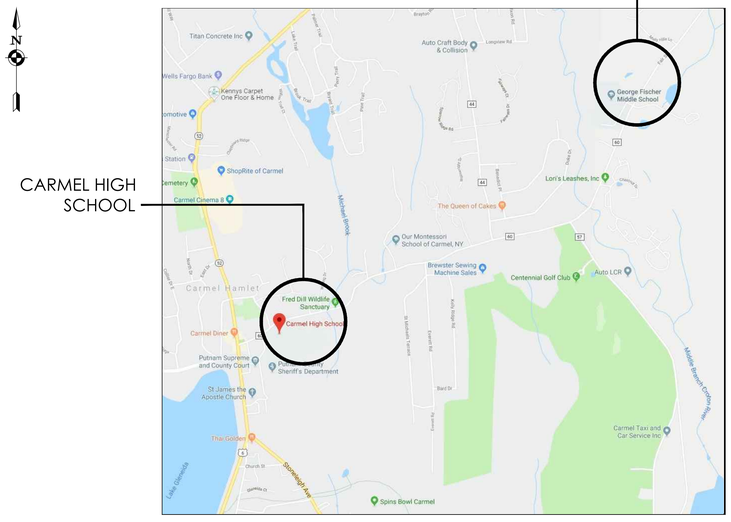


KENT ELEMENTARY SCHOOL
1091 ROUTE 52, CARMEL, NEW YORK 10512
SED #: 48.01.02.06.0.001.017

KENT PRIMARY SCHOOL
1065 ROUTE 52, CARMEL, NEW YORK 10512
SED #: 48.01.02.06.0.004.016



MATTHEW PATERSON SCHOOL
100 SOUTH STREET, PATTERSON, NEW YORK 12563
SED #: 48.01.02.06.0.010.013



CARMEL HIGH SCHOOL
30 FAIR STREET, CARMEL NEW YORK 10512
SED #: 48.01.02.06.0.003.022

GEORGE FISCHER MIDDLE SCHOOL
281 FAIR STREET, CARMEL, NEW YORK 10512
SED #: 48.01.02.06.0.008.018

CPLteam.com
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REVISIONS				
NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
2	01/07/2021	-	-	ADDENDUM #1
3	02/19/2021	JG	JP	ISSUED FOR BID

ENVIRONMENTAL CONSULTANT

ADELAIDE ENVIRONMENTAL HEALTH ASSOCIATES INC.
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BREWSTER, NY 10509

TEL. 845. 278. 7710
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CARMEL CENTRAL SCHOOL DISTRICT
81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563

CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
MATTHER PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

SCALE AS SHOWN

SHEET TITLE
TITLE SHEET

PROJECT NUMBER
70019.00

T001
DRAWING NUMBER

THIS DRAWING IS AN INSTRUMENT OF SERVICE BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR & ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
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Drawing Name: S:\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\ARCH\General Sheets\T001.dwg Date last accessed: 3/26/2021 8:30 AM Plotted By: Julie Gamerota
Date last plotted: 3/26/2021 8:32 AM

ABBREVIATIONS:

&	-	AND
ACU	-	AIR CONDITIONING UNIT (S)
ACM	-	ASBESTOS CONTAINING MATERIAL
ACT	-	ACOUSTICAL CEILING TILE
ACW	-	ASBESTOS CONTAINING WASTE
AD	-	ACCESS DOOR
ADJ	-	ADJACENT
AFF	-	ABOVE FINISH FLOOR
AHU	-	AIR HANDLER UNIT
ALUM	-	ALUMINUM
ALT	-	ALTERNATE
AMB	-	AMBIENT
AMP	-	AMPERE
APD	-	AIR PRESSURE DROP
APPROX	-	APPROXIMATE
ARCH	-	ARCHITECTURAL
AVG	-	AVERAGE
BDD	-	BACK DRAFT DAMPER
BFW	-	BOILER FEED WATER
BHP	-	BRAKE HORSE POWER
BITUM	-	BITUMINOUS
BLDG	-	BUILDING
BLK	-	BLOCK
BTUH		BRITISH THERMAL UNITS/HOUR
BU	-	BUILT UP
BUR	-	BUILT UP ROOFING
C	-	COMMON
CV	-	COEFFICIENT, VALVE FLOW
CB	-	CATCH BASIN
C.C.	-	COOLING COIL
CLG	-	CEILING
CER/CEG	-	CEILING EXHAUST REGISTER/ GRILLE
CFM	-	CUBIC FEET PER MINUTE
C.H.	-	CEILING HEIGHT
CHWR	-	CHILLED WATER RETURN
CHWS	-	CHILLED WATER SUPPLY
C.J.	-	CONTROL JOINT
CL	-	CENTER LINE
CLG WTR	-	COOLING WATER
CLOS	-	CLOSET
CMP	-	CORRUGATED METAL PIPE
C.O.	-	CLEAN OUT
COL	-	COLUMN
COMPR	-	COMPRESSOR
CONC	-	CONCRETE
COND	-	CONDENSER
CONSI	-	CONSTRUCTION
CONT	-	CONTINUOUS
CONTR	-	CONTRACTOR
CONV	-	CONVECTOR
CP	-	CONDENSATE PUMP
CRR/CRG	-	CEILING RETURN REGISTER/ GRILLE
CRU	-	COMPUTER ROOM UNIT
CSD	-	CEILING SUPPLY DIFFUSER
CT	-	CERAMIC TILE
C.TWR	-	COOLING TOWER
CU	-	CONDENSER UNIT
CU FT.		CUBIC FEET
CUH	-	CABINET UNIT HEATER
CWR	-	CONDENSER WATER RETURN
CWS	-	CONDENSER WATER SUPPLY
D/DIA	-	DIAMETER
DB	-	DRY BULB TEMPERATURE
dB	-	DECIBEL
DC	-	DUST COLLECTOR
DEG	-	DEGREE
DEMO	-	DEMOLITION
D.F.	-	DRINKING FOUNTAIN
D.H.	-	DOUBLE HUNG
DIM	-	DIMENSION
DN	-	DOWN
D.O.	-	REPEAT/DOOR OPENING
DP	-	DEEP
DR	-	DOOR
DWG	-	DRAWING
DX	-	DIRECT EXPANSION
E	-	EAST
EA.	-	EACH
EAT	-	ENTERING AIR TEMPERATURE
E.CONTR.	-	ELECTRICAL CONTRACTOR
EDB	-	ENTERING DRY BULB
EDR	-	EQUIVALENT DIRECT RADIATION
E.F.	-	EXHAUST FAN
EFF	-	EFFICIENCY
E.J.	-	EXPANSION JOINT
EQ	-	EQUAL
ELEC	-	ELECTRICAL
EL/ELEV	-	ELEVATION
E.M.H.	-	ELEMENTARY SCHOOL MOUNTING HEIGHT
ENCL.	-	ENCLOSURE
ENTR	-	ENTRANCE
EQUIP	-	EQUIPMENT
ESP	-	EXTERNAL STATIC PRESSURE
ETC	-	AND SO FORTH
EVAP	-	EVAPORATOR
EWB	-	ENTERING WET BULB
EWT	-	ENTERING WATER TEMPERATURE
EXH	-	EXHAUST
EXH.A	-	EXHAUST AIR
EXIST	-	EXISTING
EXP	-	EXPANSION
EXT	-	EXTERIOR
F	=	FAHRENHEIT
F.A.I.	=	FRESH AIR INTAKE
FCU	=	FAN COIL UNIT
F.D.	=	FLOOR DRAIN
F.DAMP.	=	FIRE DAMPER
F.E.	=	FIRE EXTINGUISHER
F.G.	=	FIBER GLASS
FIN	=	FINISH
FIXT	=	FIXTURE
FHC	=	FIRE HOSE CABINET
FL/FLR	=	FLOOR
FTG	-	FOOTING
FOB	-	FLAT ON BOTTOM
FOG	-	FUEL OIL GAUGE
FOR	-	FUEL OIL RETURN
FOS	-	FUEL OIL SUPPLY
FOT	-	FLAT ON TOP
F.P.	-	FIRE PROOF
FPM	-	FEET PER MINUTE
FPS	-	FEET PER SECOND
FRP	-	FIBERGLASS REINFORCED POLYSTYRENE
FT	-	FOOT OR FEET
GA	-	GAUGE
GAL	-	GALLONS,
GALV	-	GALVANIZED
G.C	-	GENERAL CONSTRUCTION
GEN	-	GENERAL
GL	-	GLASS
GPH	-	GALLONS PER HOUR
GPM	-	GALLONS PER MINUTE
GR	-	GRAINS
G.V.	-	GAS VALVE
GYP. BD	-	GYPSUM BOARD
GYP. FB	-	GYPSUM FIBERBOARD
H	-	HEIGHT
H.B.	-	HOSE BIB
HC/ H-CONTR	-	HEATING, VENTING, AND AIR CONDITIONING CONTRACTOR
H/C	-	HEATING/COOLING
H/C	-	HEATING/COOLING
HC	-	HANDICAP ACCESSIBLE
HD	-	HEAD
HEAT.CL.	-	HEATING COIL
HG	-	REFRIGERANT HOT GAS
H.M.	-	HOLLOW METAL
HORIZ	-	HORIZONTAL
H.P.	-	HIGH POINT
HPS	-	HIGH PRESSURE STEAM
H.PWR	-	HORSE POWER
HR	-	HOUR (S)
HT	-	HEAT
HTHW	-	HIGH TEMPERATURE HOT WATER
HTR	-	HEATER
HV	-	HEATING/VENTILATION UNIT
H.W.C.	-	HIGH IMPACT WALL COVERING
HWR	-	HOT WATER RETURN
HWS	-	HOT WATER SUPPLY
HX	-	HEAT EXCHANGER
HZ	-	FREQUENCY(CYCLES PER MINUTE)
ID	-	INSIDE DIAMETER
IEF	-	IN-LINE EXHAUST FAN
INT	-	INTERIOR
INSUL	-	INSULATION
INV	-	INVERT
IN	-	INCH
J.C	-	JANITOR'S CLOSET
JT	-	JOINT
J.B	-	JUNCTION BOX
KIT	-	KITCHEN
KW	-	KILOWATT
K.M.H.	-	KINDERGARTEN MOUNTING HEIGHT
L	-	LENGTH
LAT	-	LEAVING AIR TEMPERATURE
LAM	-	LAMINATE
LAV	-	LAVATORY
LBS/#	-	POUNDS
L.C.C	-	LEAD COATED COPPER
LDR	-	LEADER
LF	-	LINEAR FEET
LIQ	-	LIQUID
LL	-	LIVE LOAD
LP	-	LOW POINT
LPS	-	LOW PRESSURE STEAM
LRG	-	LINEAR RETURN GRILLE
LSD	-	LINEAR SUPPLY DIFFUSER
LWT	-	LEAVING WATER TEMPERATURE
M	-	MIRROR
MAX	-	MAXIMUM
MAT	-	MATERIAL
MBH	-	BTU PER HOUR (THOUSAND)
MD	-	MOTORIZED DAMPER
MECH	-	MECHANICAL
MFR	-	MANUFACTURER
MIN	-	MINIMUM
MISC	-	MISCELLANEOUS
MO	-	MASONRY OPENING
MPS	-	MEDIUM PRESSURE STEAM
MS	-	MARBLE SADDLE
MH	-	MAN HOLE
MTD	-	MOUNTED
MTL	-	METAL
N	-	NORTH
N/A	-	NOT APPLICABLE
NC	-	NORMALLY CLOSED
N.I.C	-	NOT IN CONTRACT
NO (S)	-	NUMBER(S)
N.OPEN	-	NORMALLY OPEN
N.T.S	-	NOT TO SCALE
OA	-	OUTSIDE AIR
OC	-	ON CENTER
OD	-	OUTSIDE DIAMETER
ODR	-	OPEN DUCT RETURN
OF	-	OUTSIDE FACE
OH	-	OVERHEAD
OPNG	-	OPENING
OPP	-	OPPOSITE
OZ	-	OUNCE
P	-	PUMP(IN-LINE OR BASE MOUNTED)
PART	-	PARTIAL
P-CONTR	-	PLUMBING CONTRACTOR
PB	-	PANEL BOX
PD	-	PRESSURE DROP
PH	-	PENTHOUSE
PLT	-	PLATE
PLUMB	-	PLUMBING
PLYWD	-	PLYWOOD
PNL	-	PANEL
PNT	-	PAINT
PREFAB	-	PREFABRICATED
PRESS	-	PRESSURE
PSI	-	POUNDS PER SQUARE INCH
PT	-	PRESSURE TREATED
QT	-	QUARRY TILE
QTY	-	QUANTITY
R	-	RISER/RADIUS
RA	-	RETURN AIR
RAD	-	RADIATION
RD	-	ROOF DRAIN
REF	-	ROOF EXHAUST FAN
REINF	-	REINFORCED
REQ'D	-	REQUIRED
RH	-	RELATIVE HUMIDITY
RO	-	ROUGH OPENING
RM	-	ROOM
RPM	-	REVOLUTIONS PER MINUTE
RPF	-	REINFORCED PERIMETER FLASHING
RTU	-	ROOF TOP UNIT
S	-	SINK
SA	-	SUPPLY AIR
SAN	-	SANITARY
SCHED	-	SCHEDULE
SD	-	SMOKE DETECTOR
S.DMPR	-	SMOKE DAMPER
SECT	-	SECTION
SF	-	SQUARE FOOT
SHT	-	SHEET
SIM	-	SIMILIAR
SP	-	STATIC PRESSURE
SPEC(S)	-	SPECIFICATION (S)
SQ	-	SQUARE
SQ FT	-	SQUARE FEET
SS	-	STAINLESS STEEL
STD	-	STANDARD
STL	-	STEEL
STM	-	STEAM
STOR	-	STORAGE
STRUCT	-	STRUCTURAL
SUCT	-	SUCTION
SUSP	-	SUSPENDED
T	-	TREAD/TOILET
TCP	-	TEMPERATURE CONTROL PANEL
T.D.	-	TRENCH DRAIN
T.DIFF.	-	TEMPERATURE DIFFERENCE
TEL	-	TELEPHONE
TEMP	-	TEMPERED
TEMPR.	-	TEMPERATURE
THK	-	THICK
T.O.	-	TRIMMED OPENING
T.O.C.	-	TOP OF CURB
T.O.P.	-	TOP OF PARAPET
T.O.S.	-	TOP OF STEEL
TSP	-	TOTAL STATIC PRESSURE
T'STAT	-	THERMOSTAT
TYP	-	TYPICAL
U	-	URINAL
UH	-	UNIT HEATER
UL	-	UNDERWRITERS LABORATORY
UNFIN	-	UNFINISHED
UV	-	UNIT VENTILATOR
U.O.N.	-	UNLESS OTHERWISE NOTED
V	-	VOLT
VAV	-	VARIABLE AIR VOLUME
V.C.T	-	VINYL COMPOSITION TILE
VD	-	VOLUME DAMPER
VEL	-	VELOCITY
VEST	-	VESTIBULE
V.I.F	-	VERIFY IN FIELD
VLV	-	VALVE
VOL	-	VOLUME
V.P.	-	VISION PANEL
V.W.C.	-	VINYL WALL COVERING
W	-	WOMEN/WIDTH/WASHER
W/	-	WITH
WB	-	WET BULB
W.C.	-	WATER CLOSET
WD	-	WOOD
WEF	-	WALL EXHAUST FAN
WER/WEG	-	WALL EXHAUST REGISTER/GRILLE
'WG'	-	INCHES OF WATER, GAGE (PRESSURE)
W.G.	-	WIRE GLASS
WK	-	WORK
W.I.	-	WROUGHT IRON
W.P.	-	WATER PROOF
WPD	-	WATER PRESSURE DROP
W.R.	-	WATER RESISTANT
WRR/WRG	-	WALL RETURN REGISTER/GRILLE
WSR/WSG	-	WALL SUPPLY REGISTER/GRILLE
WTG	-	WALL TRANSFER GRILLE
WTR	-	WATER
W.W.F.	-	WELDED WIRE FABRIC
W.W.M.	-	WELDED WIRE MESH
YD	-	YARD DRAIN

GRAPHIC LEGEND:

- INTERIOR ELEVATIONS (1 / A124 / 2 / 3 / 4 — SHEET NO., DRAWING NUMBER)
- DETAIL REFERENCE (DETAIL NUMBER 4 / DRAWING NUMBER A124)
- WORK SCOPE NOTE (X)
- ROOM DESIGNATION (ROOM NAME / ROOM NO.)
- CASEWORK (SEE SCHEDULE) (#)
- PARTITION TYPE (#)
- EXTERIOR ELEVATIONS (4 / A124)
- CENTERLINE OR N.I.C.
- ELEVATION REFERENCE (ELEV. 102'-6")
- MATCH LINE (A — A)
- WALL SECTION (4 / A124)
- REMOVE EXISTING CONSTRUCTION
- EXISTING CONSTRUCTION
- REVISION MARK (2)
- INDICATES HIDDEN LINE - ABOVE, BELOW, BEHIND, OR ITEMS TO BE REMOVED
- EXISTING DOOR ASSEMBLY INDICATES DOOR NUMBER (SEE SCHEDULE) (#)
- EXISTING DOOR TO BE REMOVED - WORK SCOPE NOTE INDICATES REMOVAL WORK TO BE PERFORMED (#)
- DOOR TO BE INSTALLED INDICATES DOOR NUMBER (SEE SCHEDULE) (#)
- REFERENCE TO DETAILED DRAWING (4 / A124)

MATERIALS LEGEND:

- BRICK
- BATT INSULATION
- CONTINUOUS WOOD FRAMING THROUGH MEMBER.
- CONCRETE
- METALS
- PARTICLE BOARD
- RIGID INSULATION (PLAN)
- RIGID INSULATION (SECTION)
- COMPACTED GRAVEL
- METAL STUDS
- EARTH/UNDISTURBED SOIL
- STONE
- CRUSHED STONE
- CONC. MASONRY UNITS (PARTITION TYPE) (8)
- NEW PARTITION (PARTITION TYPE) (8)
- NEW LOW PARTITION (PARTITION TYPE) (8)
- WOOD FRAMING (EXIST. / NEW)
- FINISHED WOOD

GENERAL NOTES:

1. ALL DETAILS AND/OR PART OF DETAILS ARE SIMILAR FOR SIMILAR LOCATIONS IN ALL OR PART OF THE DETAIL.
2. EACH CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS ON THE JOB SITE.
3. INDICATED DIMENSIONS ARE TO :
   A. FACE OF MASONRY OR CONCRETE AND FACE OF METAL STUDS.
   B. CENTER LINES.
4. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.
5. ANY VARIATION FROM CONDITIONS SHOWN ON THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE. AFFECTED WORK SHALL NOT PROCEED UNTIL CLARIFICATION HAS BEEN RECEIVED.
6. ALL WORK IS TO CONFORM TO N.Y.S.U.F.B.C. - OCCUPANCY E AND THE STATE EDUCATION DEPARTMENT PLANNING STANDARDS. IN CASES OF CONFLICT IN OR BETWEEN CODES, THE MORE STRINGENT CODE SHALL APPLY.
7. USE ONLY NEW MATERIALS AND EQUIPMENT WITHOUT DEFECTS.
8. DISCREPANCIES AND OMISSIONS ON DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE OWNERS REPRESENTATIVE IN WRITING FOR CLARIFICATION.
9. SET ALL WORK STRAIGHT, PLUMB AND LEVEL OR WITH INDICATED SLOPE.
10. EACH CONTRACTOR IS TO USE THE APPROVED STANDARDS: A.I.S.C. FEDERAL, U.S., ETC. STANDARDS OF THEIR TRADES. ALL CONSTRUCTION SHALL BE PERFORMED TO THESE STANDARDS.
11. IF AMBIGUITIES EXIST IN THE CONTRACT DOCUMENTS, THE THE CONTRACTOR SHALL INCLUDE IN HIS BID THE MORE EXPENSIVE METHOD OF WORK.
12. THE GENERAL CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEBRIS EXCEPT FOR HAZARDOUS MATERIALS REMOVED UNDER ABATEMENT CONTRACT.
13. LARGE SCALE DETAILS HAVE PRECEDENCE, HOWEVER WORK INDICATED ON SMALL SCALE DRAWINGS SHALL NOT BE OMITTED. SIMILARLY, NOTES TAKE PRECEDENCE OVER SCHEDULES, PIPING AND WIRE DIAGRAMS. HOWEVER WORK SHOWN OR DESCRIBED BY OTHER METHODS SHALL NOT BE OMITTED.
14. CUT AND PATCH ALL EXISTING FINISHES AS REQUIRED BY NEW WORK. MATCH AND FINISH TO PRESENT FINISHED SURFACES OR AS INDICATED.
15. ALL NEW WALLS, AND PARTITIONS AS NOTED SHALL BE CARRIED UP AND BE SECURED TIGHTLY TO ROOF DECK, FLOOR DECK AND SLAB UNLESS OTHERWISE SPECIFIED. (SEE PARTITION TYPE DRAWING FOR MORE INFO.)
17. FLASH PATCH CONCRETE SLABS THAT ARE TO RECEIVE FINISH FLOORING AS REQUIRED.
18. BY SUBMISSION OF THE BID OR PROPOSAL THE UNDERSIGNED BIDDER AND THE PERSON OR PERSONS SIGNING ON BEHALF OF THE BIDDER, AND SHOULD THIS BID BE A JOINT BID, EACH PARTY THERETO, CERTIFIES AS TO ITS OWN ORGANIZATION, UNDER PENALTY OF PERJURY, THAT TO THE BEST OF KNOWLEDGE AND BELIEF:

    THE PRICES IN THIS BID HAVE BEEN ARRIVED AT INDEPENDENTLY WITHOUT COLLUSION, CONSULTATION, COMMUNICATION, OR AGREEMENT FOR THE PURPOSE OF RESTRICTING COMPETITION, AS TO ANY MATTER RELATING TO SUCH PRICES WITH ANY OTHER BIDDER OR WITH ANY COMPETITOR:

    UNLESS OTHERWISE REQUIRED BY LAW, THE PRICES WHICH HAVE BEEN QUOTED IN THIS BID HAVE NOT BEEN KNOWINGLY DISCLOSED BY THE BIDDER PRIOR TO OPENING, DIRECTLY OR INDIRECTLY, TO ANY OTHER BIDDER NOR TO ANY COMPETITOR ; AND NO ATTEMPT HAS BEEN MADE OR WILL BE MADE BY THE BIDDER TO INDUCE ANY OTHER PERSON, PARTNERSHIP OR CORPORATION TO SUBMIT OR NOT TO SUBMIT A BID FOR THE THE PURPOSE OF RESTRICTING COMPETITION.

WARNING:
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON,UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER ANY ITEM ON THESE DRAWINGS IN ANY WAY. IF ALTERATIONS TO THESE DRAWINGS MUST BE MADE, THEY MUST BE MADE IN ACCORDANCE WITH ARTICLE 145, SUBSECTION 7209, OF THE EDUCATION LAW, NEW YORK STATE

LIST OF DRAWINGS:

T001	TITLE SHEET
G001	LIST OF DRAWINGS, GENERAL NOTES, SYMBOLS, LEGENDS AND ABBREVIATIONS

ABATEMENT

GF H100	ASBESTOS ABATEMENT PLAN
HS H100	ASBESTOS ABATEMENT PLAN
KE H100	ASBESTOS ABATEMENT PLAN
KP H100	ASBESTOS ABATEMENT PLAN
MP H100	ASBESTOS ABATEMENT PLAN

ARCHITECTURAL

HS A100	TOILET ROOM REMOVAL, CONSTRUCTION AND RCP PLANS
GF A101	TOILET ROOM REMOVAL, CONSTRUCTION AND RCP PLANS
KE A102	TOILET ROOM REMOVAL, CONSTRUCTION AND RCP PLANS
KP A103	TOILET ROOM REMOVAL, CONSTRUCTION AND RCP PLANS
MP A104	TOILET ROOM REMOVAL, CONSTRUCTION AND RCP PLANS
KE A105	PART STAGE REMOVAL AND CONSTRUCTION PLANS
KP A106	PART STAGE REMOVAL AND CONSTRUCTION PLANS
MP A107	PART STAGE REMOVAL AND CONSTRUCTION PLANS
GF A108	LIBRARY REMOVAL PLANS
GF A109	LIBRARY CONSTRUCTION PLANS
KE A110	PART CONCRETE PAD REMOVAL PLANS, CONSTRUCTION PLANS SECTIONS
HS A400	TOILET ROOM INTERIOR ELEVATIONS
GF A401	TOILET ROOM INTERIOR ELEVATIONS
KE A402	TOILET ROOM INTERIOR ELEVATIONS
KP A403	TOILET ROOM INTERIOR ELEVATIONS
MP A404	TOILET ROOM INTERIOR ELEVATIONS
MP A405	TOILET ROOM INTERIOR ELEVATIONS
KE A406	STAGE INTERIOR ELEVATIONS & SECTIONS
KP A407	STAGE INTERIOR ELEVATIONS & SECTIONS
MP A408	STAGE INTERIOR ELEVATIONS & SECTIONS
GF A409	LIBRARY INTERIOR ELEVATIONS
GF A410	LIBRARY INTERIOR ELEVATIONS
GF A600	LIBRARY REFLECTING CEILING PLAN
A700	DOOR SCHEDULES, TYPES & DETAILS
A701	WINDOW TYPES & DETAILS
A702	WINDOW DETAILS
A800	PARTITION TYPES & DETAILS
A801	INTERIOR DETAILS
A802	INTERIOR AND MILLWORK DETAILS
A900	TOILET ROOM AND LIFT FINISH SCHEDULES
A901	LIBRARY FINISH PLAN AND SCHEDULE

STRUCTURAL

GF S202	LIBRARY CONSTRUCTION PARTIAL EXIST. SECOND FLOOR FRAMING PLAN, SECTIONS AND NOTES

MECHANICAL

G-H000	HVAC GENERAL NOTES AND DETAILS
HS-H200	HVAC DEMOLITION, NEW WORK, DETAILS, AND SCHEDULES PLAN
GF-H201	HVAC DEMOLITION, NEW WORK, DETAILS, AND SCHEDULES PLAN
GF-H202	HVAC DEMOLITION, AND NEW WORK
KE-H202	HVAC DEMOLITION, NEW WORK, DETAILS, AND SCHEDULES PLAN
KP-H203	HVAC DEMOLITION, NEW WORK, DETAILS, AND SCHEDULES PLAN
MP-H204	HVAC DEMOLITION, NEW WORK, DETAILS, AND SCHEDULES PLAN

PLUMBING

HS-P200	TOILET ROOM PLUMBING DEMOLITION, AND NEW WORK PLAN
GF-P201	TOILET ROOM PLUMBING DEMOLITION, AND NEW WORK PLAN
KE-P202	PLUMBING DEMOLITION, NEW WORK, AND RCP PLANS
KP-P203	PLUMBING REMOVAL, CONSTRUCTION, AND RCP PLANS
MP-P204	PLUMBING REMOVAL AND CONSTRUCTION PLANS

ELECTRICAL

GEN-E000	ELECTRICAL LEGEND & NOTES
GF-E101-LIB	ELECTRICAL DEMOLITION PLANS
HS-E201	BASEMENT AND FIRST FLOOR ELECTRICAL DEMOLITION AND NEW WORK PLANS
GF-E201	BASEMENT AND FIRST FLOOR ELECTRICAL DEMOLITION AND NEW WORK PLAN
GF-E201-LIB	ELECTRICAL NEW WORK AND LIGHTING PLANS
KE-E201	FIRST FLOOR ELECTRICAL DEMOLITION AND NEW WORK PLANS
KP-E201	FIRST FLOOR ELECTRICAL DEMOLITION AND NEW WORK PLANS
MP-E201	FIRST FLOOR ELECTRICAL DEMOLITION AND NEW WORK PLANS
E900	ELECTRICAL SCHEDULES

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REVISIONS NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
2	01/07/2021	-	-	ADDENDUM # 1
3	03/29/2021	JG	JP	ISSUED FOR BID

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GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
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DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

SCALE AS SHOWN

SHEET TITLE
LIST OF DRAWINGS
GENERAL NOTES,
SYMBOLS, LEGENDS,
AND ABBREVIATIONS

PROJECT NUMBER 70019.00

G001
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\ARCH\General Sheets\G001.dwg Date last accessed: 3/26/2021 10:07 AM Date last plotted: 3/28/2021 1:15 PM Plotted By: Joseph Plouffe

PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES

PERSONAL DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO COMMENCING THE REMAINDER OF THE PHASE II A REGULATED ABATEMENT WORK AREA PREPARATION ACTIVITIES. WASTE DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL AT THE COMPLETION OF PHASE II A PREPARATION ACTIVITIES, AFTER INSTALLATION OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE, ALL ACCESS TO THE REGULATED ABATEMENT WORK AREA SHALL BE VIA THE INSTALLED PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

PERSONAL DECONTAMINATION SYSTEM ENCLOSURE—LARGE PROJECT.

(1) ENCLOSURE—GENERAL. A PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL BE PROVIDED OUTSIDE THE REGULATED ABATEMENT WORK AREA AND ATTACHED TO ALL LOCATIONS WHERE PERSONNEL SHALL ENTER OR EXIT THE REGULATED ABATEMENT WORK AREA. ONE PERSONAL DECONTAMINATION ENCLOSURE SYSTEM FOR EACH REGULATED ABATEMENT WORK AREA SHALL BE REQUIRED. THIS SYSTEM MAY UTILIZE ADEQUATE EXISTING LIGHTING SOURCES SEPARATE FROM THE DECONTAMINATION SYSTEM ENCLOSURE, OR SHALL BE SUPPLIED WITH A GFCI PROTECTED TEMPORARY LIGHTING SYSTEM. THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL BE SIZED TO ACCOMMODATE THE NUMBER OF WORKERS AND EQUIPMENT REQUIRED FOR THE INTENDED PURPOSE. SUCH SYSTEM MAY CONSIST OF EXISTING ATTACHED ROOMS OUTSIDE OF THE REGULATED ABATEMENT WORK AREA, IF THE LAYOUT IS APPROPRIATE, THAT CAN BE PLASTICIZED AND ARE ACCESSIBLE FROM THE REGULATED ABATEMENT WORK AREA. WHEN THIS SITUATION DOES NOT EXIST, PERSONAL DECONTAMINATION ENCLOSURE SYSTEMS MAY BE CONSTRUCTED OF METAL, WOOD OR PLASTIC SUPPORTS COVERED WITH FIRE- RETARDANT PLASTIC SHEETING, A MINIMUM OF ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING SHALL BE INSTALLED ON THE CEILING, AND WALLS OF THE ENCLOSURE SYSTEM, AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THIS AREA. THIS SYSTEM MUST BE KEPT CLEAN, SANITARY AND CLIMATE CONTROLLED AT ALL TIMES IN CONFORMANCE WITH ALL FEDERAL, STATE AND LOCAL GOVERNMENT REQUIREMENTS. THIS SYSTEM SHALL REMAIN ON-SITE, OPERATIONAL AND BE USED UNTIL COMPLETION OF PHASE II C OF THE ASBESTOS PROJECT.

(2) ROOMS AND CONFIGURATION. THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL CONSIST OF A CLEAN ROOM, A SHOWER ROOM AND AN EQUIPMENT ROOM CONNECTED IN SERIES BUT SEPARATED FROM EACH OTHER BY AIRLOCKS, THERE SHALL BE A CURTAINED DOORWAY SEPARATION BETWEEN THE EQUIPMENT ROOM AND THE REGULATED ABATEMENT WORK AREA, AND THERE SHALL BE A LOCKABLE DOOR TO THE OUTSIDE. MINIMUM DIMENSIONS FOR EACH AIRLOCK, SHOWER ROOM AND EQUIPMENT ROOM SHALL BE THREE FEET WIDE BY SIX FEET IN HEIGHT, TO ALLOW FOR ADEQUATE ACCESS TO AND FROM THE REGULATED ABATEMENT WORK AREA.

(3) CURTAINED DOORWAY. AN ASSEMBLY WHICH CONSISTS OF AT LEAST THREE OVERLAPPING SHEETS OF SIX MIL FIRE-RETARDANT PLASTIC OVER AN EXISTING OR TEMPORARILY FRAMED DOORWAY. ONE SHEET SHALL BE SECURED AT THE TOP AND LEFT SIDE. THE SECOND SHEET AT THE TOP AND RIGHT SIDE. AND THE THIRD SHEET AT THE TOP AND LEFT SIDE. ALL SHEETS SHALL HAVE WEIGHTS ATTACHED TO THE BOTTOM TO INSURE THAT THE SHEETS HANG STRAIGHT AND MAINTAIN A SEAL OVER THE DOORWAY WHEN NOT IN USE.

(4) FRAMING. ENCLOSURE SYSTEMS ACCESSIBLE TO THE PUBLIC SHALL BE FULLY FRAMED, HARD-WALL SHEATHED AND UTILIZE A LOCKABLE DOOR FOR SAFETY AND SECURITY.

(5) SHEATHING. A PLYWOOD OR ORIENTED STRAND BOARD (OSB) SHEATHING MATERIAL OF AT LEAST ¾ -INCH THICKNESS.

(6) PLASTIC SHEETING. ENCLOSURE SYSTEMS CONSTRUCTED AT THE WORK SITE SHALL USE AT LEAST ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING ON WALLS AND CEILING, AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOOR PROTECTION OF THIS AREA.

(7) PREFABRICATED OR TRAILER UNITS. A COMPLETELY WATERTIGHT FIBERGLASS OR MARINE PAINTED PREFABRICATED UNIT DOES NOT REQUIRE PLASTICIZING. ROOMS SHALL BE CONFIGURED AS PER NYCRR PART 56-7.5. ALL PREFABRICATED OR TRAILER DECONTAMINATION UNITS SHALL BE KEPT IN GOOD CONDITION, AND SHALL BE COMPLETELY DECONTAMINATED AFTER FINAL CLEANING AND IMMEDIATELY PRIOR TO CLEARANCE AIR SAMPLING. UPON RECEIVING SATISFACTORY CLEARANCE AIR RESULTS, THE PREFABRICATED UNITS SHALL BE SEALED THEN SEPARATED FROM THE REGULATED ABATEMENT WORK AREA AND REMOVED FROM THE SITE.

(8) CLEAN ROOM. THE CLEAN ROOM SHALL BE SIZED TO ACCOMMODATE A FULL WORKSHIFT OF ASBESTOS ABATEMENT CONTRACTOR PERSONNEL, AS WELL AS THE AIR SAMPLING TECHNICIAN AND THE PROJECT MONITOR. THE CLEAN ROOM SHALL BE A MINIMUM OF SIX FEET IN HEIGHT. A MINIMUM OF 32 SQUARE FEET OF FLOOR SPACE SHALL BE PROVIDED FOR EVERY SIX FULL SHIFT ABATEMENT WORKERS, CALCULATED ON THE BASIS OF THE LARGEST WORK SHIFT, IF THE LARGEST WORK SHIFT CONSISTS OF THREE OR LESS FULL SHIFT ABATEMENT WORKERS, THE MINIMUM CLEAN ROOM SIZE REQUIREMENT IS REDUCED TO 24 SQUARE FEET OF FLOOR SPACE. BENCHES, LOCKERS AND HOOKS SHALL BE PROVIDED FOR STREET CLOTHES. SHELVES FOR STORING RESPIRATORS SHALL BE PROVIDED. CLEAN CLOTHING, REPLACEMENT FILTERS FOR RESPIRATORS, TROWELS AND OTHER NECESSARY ITEMS SHALL BE PROVIDED. THE CLEAN ROOM SHALL NOT BE USED FOR STORAGE OF TOOLS, EQUIPMENT OR MATERIALS. IT SHALL NOT BE USED FOR OFFICE SPACE. A LOCKABLE DOOR SHALL BE PROVIDED TO PERMIT ACCESS TO THE CLEAN ROOM FROM OUTSIDE THE REGULATED ABATEMENT WORK AREA OR ENCLOSURE AND SHALL BE USED TO SECURE THE REGULATED ABATEMENT WORK AREA AND DECONTAMINATION ENCLOSURE DURING NON-WORK HOURS.

(9) SHOWER ROOM. THE SHOWER ROOM SHALL CONTAIN ONE SHOWER PER EVERY SIX FULL SHIFT ABATEMENT WORKERS, CALCULATED ON THE BASIS OF THE LARGEST WORK SHIFT. MULTIPLE SHOWERS SHALL BE SIMULTANEOUSLY ACCESSIBLE (INSTALLED IN PARALLEL) TO CERTIFIED PERSONNEL. EACH SHOWERHEAD SHALL BE SUPPLIED WITH HOT AND COLD WATER ADJUSTABLE AT THE TAP. THE SHOWER ENCLOSURE SHALL BE CONSTRUCTED TO ENSURE AGAINST LEAKAGE OF ANY KIND. UNCONTAMINATED SOAP, SHAMPOO AND TOWELS SHALL BE AVAILABLE AT ALL TIMES. SHOWER WATER SHALL BE DRAINED, COLLECTED AND FILTERED THROUGH A SYSTEM WITH AT LEAST 5.0-MICRON PARTICLE SIZE COLLECTION CAPABILITY. SUBMERSIBLE PUMPS SHALL BE INSTALLED, MAINTAINED AND UTILIZED IN ACCORDANCE WITH PERTINENT OSHA REGULATIONS AND MANUFACTURER'S RECOMMENDATIONS. A MULTI-STAGE FILTERING SYSTEM CONTAINING A SERIES OF SEVERAL FILTERS WITH PROGRESSIVELY SMALLER PORE SIZES SHALL BE USED TO AVOID RAPID CLOGGING OF THE FILTERING SYSTEM BY LARGER PARTICLES. FILTERED WASTEWATER SHALL BE DISCHARGED IN ACCORDANCE WITH APPLICABLE CODES. CONTAMINATED FILTERS SHALL BE DISPOSED OF AS ASBESTOS-CONTAMINATED WASTE.

(10) EQUIPMENT ROOM. THE EQUIPMENT ROOM SHALL BE USED FOR THE STORAGE OF DECONTAMINATED EQUIPMENT AND TOOLS. A ONE-DAY SUPPLY OF REPLACEMENT FILTERS FOR HEPA-VACUUMS AND NEGATIVE PRESSURE VENTILATION EQUIPMENT IN SEALED CONTAINERS, EXTRA TOOLS, CONTAINERS OF SURFACTANT AND OTHER MATERIALS AND EQUIPMENT THAT MAY BE REQUIRED DURING THE ABATEMENT PROJECT MAY ALSO BE STORED HERE. A CONTAINER LINED WITH A LABELED, AT LEAST SIX MIL PLASTIC BAG FOR COLLECTION OF CLOTHING SHALL BE LOCATED IN THIS ROOM. CONTAMINATED FOOTWEAR AND WORK CLOTHES SHALL BE STORED IN THIS AREA.

(11) AIRLOCKS. AIRLOCK CONSTRUCTION SHALL CONSIST OF TWO CURTAINED DOORWAYS WITH THREE ALTERNATING SIX MIL FIRE-RETARDANT POLYETHYLENE CURTAINS PER DOORWAY, SEPARATED BY A DISTANCE OF AT LEAST THREE FEET, SUCH THAT ONE PASSES THROUGH ONE DOORWAY INTO THE AIRLOCK, ALLOWING THE DOORWAY SHEETING TO OVERLAP AND CLOSE OFF THE OPENING BEFORE PROCEEDING THROUGH THE NEXT DOORWAY. MINIMUM AIRLOCK SIZE SHALL BE THREE FEET WIDE, BY THREE FEET LONG, BY SIX FEET IN HEIGHT.

PERSONAL DECONTAMINATION SYSTEM ENCLOSURE—SMALL PROJECT.

(1) ENCLOSURE REQUIREMENTS. A PERSONAL DECONTAMINATION SYSTEM ENCLOSURE FOR A SMALL ASBESTOS PROJECT SHALL CONSIST OF, AT A MINIMUM, AN EQUIPMENT ROOM, A SHOWER ROOM AND A CLEAN ROOM SEPARATED FROM EACH OTHER AND FROM THE REGULATED ABATEMENT WORK AREA AND OTHER AREAS BY CURTAINED DOORWAYS AS DEFINED IN SECTION 56-2.1 OF NYCRR PART 56. ALL OTHER PROVISIONS FOR PERSONAL DECONTAMINATION SYSTEM FOR A LARGE ASBESTOS PROJECT SHALL APPLY. EQUIPMENT STORAGE, PERSONAL GROSS DECONTAMINATION AND REMOVAL OF CLOTHING SHALL OCCUR IN THE EQUIPMENT ROOM JUST PRIOR TO ENTERING THE SHOWER. THE FULL PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SPECIFIED FOR LARGE ASBESTOS PROJECTS IS RECOMMENDED.

REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

IF A PERSONAL DECONTAMINATION SYSTEM CANNOT BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA, DUE TO AVAILABLE SPACE RESTRICTIONS OR OTHER BUILDING AND FIRE CODE RESTRICTIONS, A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE MAY BE USED FOR LIMITED SPECIAL PROJECTS AS PER SUBPART 56-11 OF NYCRR PART 56, NEGATIVE PRESSURE TENT ENCLOSURE WORK AREAS WITH GLOVEBAG ONLY ABATEMENT, OR IF NON-FRIABLE ACM IS BEING REMOVED IN A MANNER WHICH WILL NOT RENDER THE ACM FRIABLE. IF IT IS FOUND DURING PHASE II B, THAT THE NON-FRIABLE ACM OR ASBESTOS MATERIAL WILL BECOME FRIABLE DURING THE REMOVAL PROCESS, AND IT IS LOGISTICALLY POSSIBLE TO ATTACH THE DECONTAMINATION SYSTEM ENCLOSURE, ABATEMENT WORK MUST STOP IMMEDIATELY WHILE THE REMOTE PERSONAL DECONTAMINATION SYSTEM IS RELOCATED TO BE ATTACHED AND CONTIGUOUS TO THE REGULATED ABATEMENT WORK AREA. THE FOLLOWING REQUIREMENTS APPLY FOR ALL REMOTE PERSONAL DECONTAMINATION SYSTEMS:

(1) PROTECTIVE CLOTHING. WORKERS SHALL DON TWO SETS OF DISPOSABLE PROTECTIVE CLOTHING AND A SUPPLY OF PROTECTIVE CLOTHING SHALL BE KEPT IN THE AIRLOCKS ATTACHED TO THE REGULATED ABATEMENT WORK AREA.

(2) LOCATION. THE REMOTE PERSONAL DECONTAMINATION SYSTEM SHALL BE CONSTRUCTED AS CLOSE TO THE REGULATED ABATEMENT WORK AREA AS PHYSICALLY POSSIBLE. IF THE REMOTE PERSONAL DECONTAMINATION SYSTEM MUST BE LOCATED AT THE EXTERIOR OF THE BUILDING/STRUCTURE DUE TO SPACE OR CODE RESTRICTIONS, IT SHALL BE CONSTRUCTED WITHIN 50 FEET OF THE BUILDING/STRUCTURE EXIT USED FOR ACCESS BY THE ASBESTOS ABATEMENT CONTRACTOR PERSONNEL. THE DECONTAMINATION UNIT SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET TO SEPARATE IT FROM PUBLIC AREAS.

(3) AIRLOCKS. AT A MINIMUM, TWO EXTRA AIRLOCKS AS DEFINED IN SECTION 56-2.1 OF NYCRR PART 56 SHALL BE CONSTRUCTED AS PER PARAGRAPH (B)(11) OF SECTION 56-7.5. ONE SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE EQUIPMENT ROOM OR EQUIPMENT/WASHROOM. THE OTHER EXTRA AIRLOCK SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE CONTAINMENT OR REGULATED ABATEMENT WORK AREA(S). THESE AIRLOCKS SHALL HAVE LOCKABLE DOORWAYS AT THE ENTRANCE TO THE AIRLOCK FROM UNCONTAMINATED AREAS. THESE AIRLOCKS SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET AND APPROPRIATELY SIGNED IN ACCORDANCE WITH SECTION 56-7.4(C) OF NYCRR PART 56. AIRLOCKS SHALL NOT BE USED AS A WASTE DECONTAMINATION AREA AND SHALL BE KEPT CLEAN AND FREE OF ASBESTOS CONTAINING MATERIAL.

(4) DESIGNATED PATHWAY. THE WALKWAY FROM THE REGULATED ABATEMENT WORK AREA TO THE PERSONAL DECONTAMINATION SYSTEM OR NEXT REGULATED ABATEMENT WORK AREA SHALL BE CORDONED OFF AND SIGNAGE INSTALLED AS PER SECTION 56-7.4(C) OF NYCRR PART 56, TO DELINEATE IT FROM PUBLIC AREAS WHILE IN USE DURING PHASES II A THROUGH II D.

(5) TRAVEL THROUGH UNCONTAMINATED AREAS. IF AT ANY TIME A WORKER MUST TRAVEL THROUGH AN UNCONTAMINATED AREA TO ACCESS THE PERSONAL DECONTAMINATION AREA, THE WORKER SHALL HEPA-VACUUM AND/OR WET WIPE HIS/HER OUTER PROTECTIVE CLOTHING WHILE IN THE REGULATED ABATEMENT WORK AREA, THEN PROCEED INTO THE AIRLOCK, WHICH SERVES AS A CHANGING AREA, WHERE HE/SHE SHALL REMOVE THE OUTER CLOTHING AND DON A CLEAN SET OF PROTECTIVE CLOTHING. THE WORKER MAY THEN PROCEED TO THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE ONLY ALONG A DESIGNATED PATHWAY AS DESCRIBED ABOVE. TRAVEL IN ANY OTHER AREA SHALL NOT BE ALLOWED.

(6) REMOVAL. THE REMOTE PERSONAL DECONTAMINATION UNIT SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED.

WASTE DECONTAMINATION SYSTEM ENCLOSURE—LARGE AND SMALL ASBESTOS PROJECTS.

(1) ENCLOSURE—GENERAL. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE PROVIDED OUTSIDE THE REGULATED ABATEMENT WORK AREA AND SHALL BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA. ONE WASTE DECONTAMINATION ENCLOSURE FOR EACH REGULATED ABATEMENT WORK AREA SHALL BE REQUIRED. THIS SYSTEM MAY UTILIZE ADEQUATE EXISTING LIGHTING SOURCES SEPARATE FROM THE DECONTAMINATION SYSTEM ENCLOSURE, OR SHALL BE SUPPLIED WITH A GFCI PROTECTED TEMPORARY LIGHTING SYSTEM. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE SIZED TO ACCOMMODATE THE NUMBER OF WORKERS AND EQUIPMENT FOR THE INTENDED PURPOSE. SUCH SYSTEM MAY CONSIST OF EXISTING ATTACHED ROOMS OUTSIDE OF THE REGULATED ABATEMENT WORK AREA, IF THE LAYOUT IS APPROPRIATE, THAT CAN BE PLASTICIZED AND ARE ACCESSIBLE FROM THE REGULATED ABATEMENT WORK AREA. WHEN THIS SITUATION DOES NOT EXIST, ENCLOSURE SYSTEMS MAY BE CONSTRUCTED OF METAL, WOOD OR PLASTIC SUPPORTS COVERED WITH FIRE-RETARDANT PLASTIC SHEETING. A MINIMUM OF ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING SHALL BE INSTALLED ON THE CEILING, AND WALLS OF THE ENCLOSURE SYSTEM, AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THIS AREA. THIS SYSTEM MUST BE KEPT CLEAN, SANITARY AND CLIMATE CONTROLLED AT ALL TIMES IN CONFORMANCE TO ALL FEDERAL, STATE AND LOCAL GOVERNMENT REQUIREMENTS. THIS SYSTEM SHALL REMAIN AND BE USED UNTIL COMPLETION OF PHASE II C OF THE ASBESTOS PROJECT.

(2) ROOMS AND CONFIGURATION. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL CONSIST OF A WASHROOM AND A HOLDING AREA CONNECTED IN SERIES BUT SEPARATED FROM EACH OTHER BY AN AIRLOCK, THERE SHALL BE A LOCKABLE DOOR TO THE OUTSIDE, AND THERE SHALL BE A CURTAINED DOORWAY BETWEEN THE WASHROOM AND THE REGULATED ABATEMENT WORK AREA.

(3) CURTAINED DOORWAY. AN ASSEMBLY WHICH CONSISTS OF AT LEAST THREE OVERLAPPING SHEETS OF SIX MIL FIRE-RETARDANT PLASTIC OVER AN EXISTING OR TEMPORARILY FRAMED DOORWAY. ONE SHEET SHALL BE SECURED AT THE TOP AND LEFT SIDE. THE SECOND SHEET AT THE TOP AND RIGHT SIDE. AND THE THIRD SHEET AT THE TOP AND LEFT SIDE. ALL SHEETS SHALL HAVE WEIGHTS ATTACHED TO THE BOTTOM TO INSURE THAT THE SHEETS HANG STRAIGHT AND MAINTAIN A SEAL OVER THE DOORWAY WHEN NOT IN USE.

(4) WASHROOM. A ROOM/CHAMBER BETWEEN THE REGULATED ABATEMENT WORK AREA AND THE HOLDING AREA IN THE WASTE DECONTAMINATION SYSTEM ENCLOSURE, WHERE EQUIPMENT AND WASTE CONTAINERS ARE WET CLEANED OR HEPA-VACUUMED. ADEQUATE DRAINAGE AND BAG/CONTAINER WASH WATER SHALL BE PROVIDED WITHIN THE ROOM/CHAMBER, AS WELL AS A SUFFICIENT QUANTITY OF CLEAN WASTE BAGS/CONTAINERS.

(5) EQUIPMENT/WASHROOM ALTERNATIVE. WHERE THERE IS ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE HOLDING AREA OF THE WASTE DECONTAMINATION SYSTEM ENCLOSURE MAY BRANCH OFF FROM THE EQUIPMENT ROOM OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE. THE EQUIPMENT ROOM WILL ALSO BE USED AS A WASTE WASHROOM.

(6) PLASTIC SHEETING. WASTE DECONTAMINATION SYSTEM ENCLOSURES CONSTRUCTED AT THE WORK SITE SHALL USE AT LEAST ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING ON WALLS AND CEILING, AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THESE AREAS.

(7) ENCLOSURE SECURITY. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE AND REGULATED ABATEMENT WORK AREA AIRLOCK(S) (WHEN REMOTE DECONTAMINATION SYSTEMS ARE USED) SHALL BE CONSTRUCTED WITH LOCKABLE DOORS TO PREVENT UNAUTHORIZED ENTRY. ENCLOSURE SYSTEMS LOCATED WITHIN 25 FEET OF AN AREA OF PUBLIC ACCESS SHALL BE FULLY FRAMED AND HARD-WALL SHEATHED FOR SAFETY.

(8) DRAINS. THE WASTE WASHROOM SHALL BE EQUIPPED WITH A WASH BIN OF SUFFICIENT SIZE TO PERFORM WASTE CONTAINER WASHING OPERATIONS AND SHALL HAVE A SUBMERSIBLE PUMP INSTALLED TO COLLECT WASTE WATER AND DELIVER IT TO THE SHOWER WASTEWATER FILTRATION SYSTEM WHERE IT SHALL BE FILTERED IN ACCORDANCE WITH PARAGRAPH (B)(9) OF NYCRR PART 56-7.5.

(9) SHOWER/WASHROOM ALTERNATIVE — SMALL ASBESTOS PROJECT. FOR SMALL ASBESTOS PROJECTS WITH ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE SHOWER ROOM MAY BE USED AS A WASTE WASHROOM. THE CLEAN ROOM SHALL NOT BE USED FOR WASTE STORAGE, BUT SHALL BE USED FOR WASTE TRANSFER TO CARRIERS, TROWELS AND OTHER TOOLS, WHICH SHALL BE IMMEDIATELY REMOVED FROM THE ENCLOSURE. WASTE SHALL BE TRANSFERRED ONLY DURING TIMES WHEN THE SHOWERS ARE NOT IN USE.

WASTE DECONTAMINATION SYSTEM ENCLOSURE — WHEN REMOTE PERSONAL IS ALLOWED.

WHEN A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE IS ALLOWED AND UTILIZED FOR A REGULATED ABATEMENT WORK AREA, THE FOLLOWING REQUIREMENTS SHALL APPLY:

(1) MINOR SIZE REGULATED ABATEMENT WORK AREA. NO SPECIFIC WASTE DECONTAMINATION SYSTEM ENCLOSURE IS REQUIRED FOR MINOR SIZE REGULATED ABATEMENT WORK AREAS. THE WASTE GENERATED SHALL BE IMMEDIATELY BAGGED/CONTAINERIZED WITHIN THE REGULATED ABATEMENT WORK AREA.

(2) SMALL AND LARGE SIZE REGULATED ABATEMENT WORK AREAS.

(I) WASHROOM. AN ADDITIONAL CHAMBER SHALL BE CONSTRUCTED WITHIN THE REGULATED ABATEMENT WORK AREA, ATTACHED TO THE EXISTING AIRLOCK USED TO ACCESS THE WORK AREA. THE WASHROOM/AIRLOCK COMBINATION SHALL BE UTILIZED AS THE CONTIGUOUS WASTE DECONTAMINATION ENCLOSURE FOR WASTE BAGGING/CONTAINERIZATION AND WASTE TRANSFER ACTIVITIES. THE WASHROOM SHALL BE CONSTRUCTED AND SUPPLIED WITH EQUIPMENT/MATERIALS CONSISTENT WITH WASTE DECONTAMINATION SYSTEM ENCLOSURE WASHROOM REQUIREMENTS FOR CONTIGUOUS PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES.

(II) REMOVAL. THE WASHROOM CHAMBER SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED.

TENT PROCEDURES

TENT PROCEDURES SHALL BE CONDUCTED AS FOLLOWS:

(A) TENT PROCEDURES SHALL BE LIMITED TO THE REMOVAL OF LESS THAN 260 LINEAR FEET AND 160 SQUARE FEET OF ACM AND SHALL NOT RESULT IN DISTURBANCE OF ACM DURING TENT ERECTION.

(B) TENT PROCEDURES SHALL BE ACCOMPLISHED IN A CONSTRUCTED OR COMMERCIALLY AVAILABLE FIRE RETARDANT PLASTIC TENT. PLASTICIZING AND SEALING ALL SURFACES NOT BEING ABATED WITHIN THE TENT PERIPHERY FORMING AN ENCLOSURE. THE TENT SHALL BE OF FIRE RETARDANT 6-MIL PLASTIC AT A MINIMUM, WITH SEAMS HEAT-SEALED, OR DOUBLE-FOLDED, STAPLED AND TAPED AIRTIGHT AND THEN TAPED FLUSH WITH THE ADJACENT TENT WALL. THIS IS A SINGLE USE BARRIER THAT SHALL NOT BE REUSED ONCE DISMANTLED OR COLLAPSED.

(C) THERE SHALL BE AN AIRLOCK AT THE ENTRANCE TO THE TENT, UNLESS THERE IS AN ATTACHED WORKER OR WASTE DECONTAMINATION SYSTEM.

(D) ASBESTOS HANDLERS INVOLVED IN THE TENT PROCEDURE SHALL WEAR PERSONAL PROTECTIVE EQUIPMENT PLUS A SECOND DISPOSABLE SUIT. ALL STREET CLOTHES SHALL BE REMOVED AND STORED IN A CLEAN ROOM WITHIN THE WORK SITE. THE PERSONAL PROTECTIVE EQUIPMENT WITH TWO DISPOSABLE SUITS SHALL BE USED FOR INSTALLATION OF THE TENT AND THROUGHOUT THE PROCEDURE IF A DECONTAMINATION UNIT WITH A SHOWER IS NOT CONTIGUOUS TO THE WORK AREA, IF A DECONTAMINATION UNIT (WITH SHOWER AND CLEAN ROOM AT A MINIMUM) IS CONTIGUOUS TO THE WORK AREA, ONLY ONE DISPOSABLE SUIT SHALL BE REQUIRED; IN THIS CASE, PRIOR TO EXITING THE TENT THE WORKER SHALL HEPA VACUUM AND WET CLEAN THE DISPOSABLE SUIT.

(E) THE TENT SHALL BE ATTACHED TO THE SURFACE TO PRODUCE AN AIRTIGHT SEAL EXCEPT FOR AN APPROPRIATE SECTION TO ALLOW FOR MAKE-UP AIR INTO THE TENT.

(F) NEGATIVE PRESSURE VENTILATION EQUIPMENT SHALL BE USED TO CONTINUOUSLY EXHAUST THE ENCLOSED AREA.

(G) REMOVAL OF ACM SHALL BE BY WET METHODS IN ACCORDANCE.

(H) ACM REMOVED SHALL BE PLACED IN A LEAK-TIGHT CONTAINER WITHOUT DROPPING IT.

(I) UPON COMPLETION OF ABATEMENT, AND PRIOR TO TENT COLLAPSE, THE ENCLOSED SURFACES SHALL:

(1) BE WET CLEANED USING RAGS, MOPS OR SPONGES; AND

(2) BE PERMITTED SUFFICIENT TIME TO DRY, PRIOR TO HEPA VACUUMING ALL SUBSTRATES; AND

(3) BE LIGHTLY ENCAPSULATED TO LOCKDOWN RESIDUAL ASBESTOS.

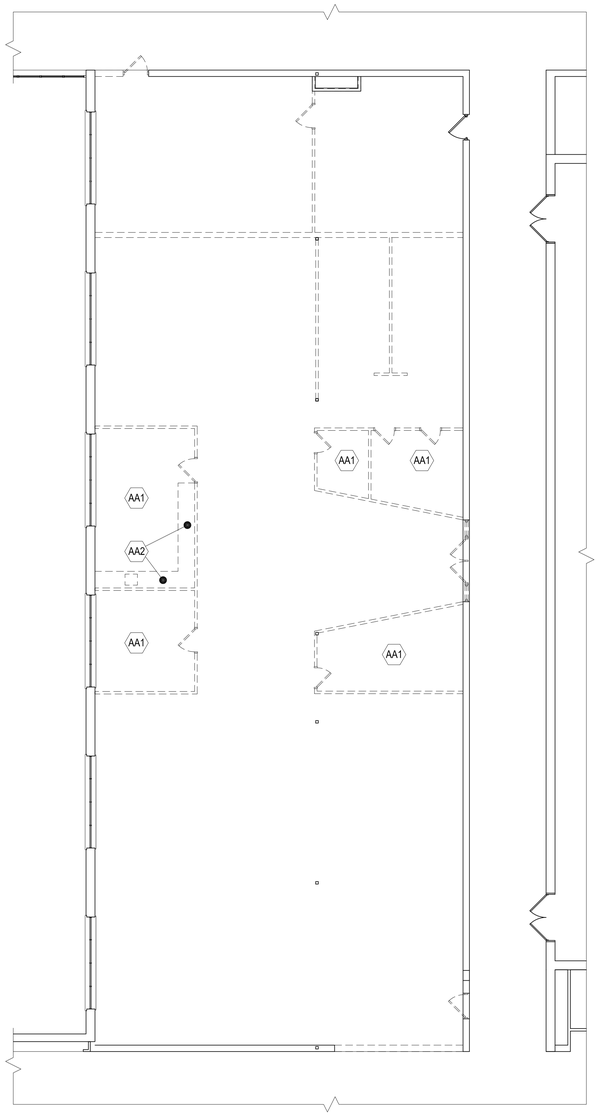
(J) UPON BARRIER DISTURBANCE, LOSS OF ENGINEERING CONTROLS, OR TERMINATION OF TENT USAGE, THE TENT AND THE ENCLOSED SURFACES SHALL BE TREATED ACCORDING TO SUBDIVISION (I) ABOVE.

(K) THE BAGGED WASTE SHALL BE WET CLEANED OR HEPA VACUUMED AND THEN TRANSFERRED OUTSIDE THE TENT, DOUBLE BAGGED, AND APPROPRIATELY HANDLED PRIOR TO DISPOSAL.

(L) THE OUTER DISPOSABLE SUIT (IF 2 SUITS ARE WORN) SHALL BE HEPA VACUUMED IN THE TENT PRIOR TO EXITING. THE OUTER DISPOSABLE SUIT SHALL BE REMOVED IN THE AIRLOCK AND A CLEAN SUIT SHALL BE WORN OVER THE INNER SUIT. THE WORKERS SHALL IMMEDIATELY PROCEED TO A SHOWER AT THE WORK SITE. THE INNER DISPOSABLE SUIT AND RESPIRATOR SHALL BE REMOVED IN THE SHOWER AFTER APPROPRIATE WETTING, THE DISPOSABLE CLOTHING SHALL BE DISPOSED OF AS ASBESTOS-CONTAINING WASTE MATERIAL. THE WORKERS SHALL THEN FULLY AND VIGOROUSLY SHOWER WITH SUPPLIED LIQUID BATH SOAP, SHAMPOO, AND CLEAN DRY TOWELS.

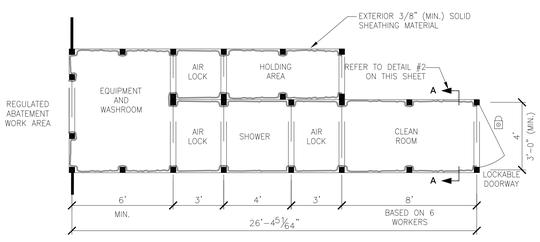
(M) THE NEGATIVE PRESSURE VENTILATION EQUIPMENT SHALL BE USED TO FILTER A MINIMUM OF 4 VOLUME CHANGES THROUGH THE TENT AFTER COMPLETION OF ABATEMENT BUT PRIOR TO COLLAPSE OF THE TENT/BARRIER. ALL REQUIRED AIR MONITORING MUST BE SUCCESSFULLY COMPLETED BEFORE THE TENT/BARRIER IS COLLAPSED.

(N) THE TENT SHALL BE COLLAPSED INWARD, ENCLOSING THE CONTAMINATED CLOTHING. THIS CONTAMINATED MATERIAL SHALL BE DISPOSED OF IN ANOTHER PLASTIC BAG. THE HEPA VACUUM SHALL BE DECONTAMINATED AND SEALED.

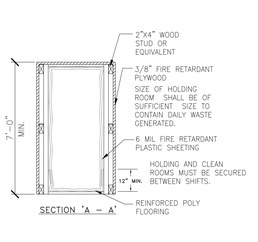


1 LIBRARY ASBESTOS ABATEMENT PLAN
SCALE: 1/8"=1'-0"

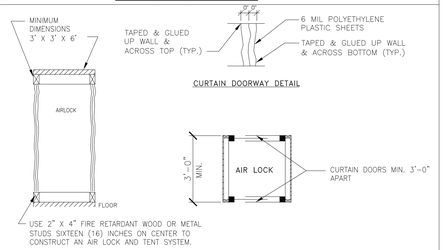
A — PARALLEL PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES LARGE ASBESTOS PROJECT



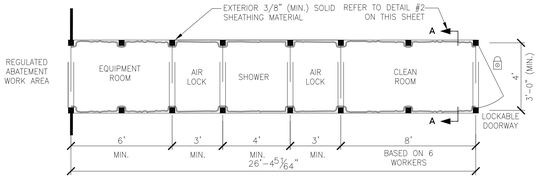
B — PERSONAL DECONTAMINATION ENCLOSURE LARGE SCALE



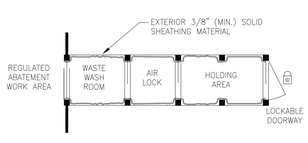
C — CROSS SECTION OF AIRLOCK / PLAN OF AIRLOCK TYPICAL AIR LOCK DETAIL



D — PERSONAL DECONTAMINATION SYSTEM ENCLOSURES LARGE ASBESTOS PROJECT



E — WASTE DECONTAMINATION SYSTEM ENCLOSURE - LARGE ASBESTOS PROJECT (OPTIONAL FOR SMALL ASBESTOS PROJECT)



F — PERSONAL AND WASTE DECONTAMINATION SYSTEM

Plotted By: Paul Checco
Date last plotted: 3/26/2021 5:46 PM
Date last accessed: 3/26/2021 5:44 PM
Drawing Name: Y:\DiskStation_001\13203E\32\homes\public\c\Project Files\Adelaide\Carmel Central School District - GFMS - CPL - NYSED\Abatement Plans & Specs\Drawing Files\Sheet Files\HS H100 - ASBESTOS ABATEMENT PLAN.dwg

PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES

PERSONAL DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO COMMENCING THE REMAINDER OF THE PHASE II A REGULATED ABATEMENT WORK AREA PREPARATION ACTIVITIES. WASTE DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL AT THE COMPLETION OF PHASE II A PREPARATION ACTIVITIES. AFTER INSTALLATION OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE, ALL ACCESS TO THE REGULATED ABATEMENT WORK AREA SHALL BE VIA THE INSTALLED PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

PERSONAL DECONTAMINATION SYSTEM ENCLOSURE—SMALL PROJECT.

(1) ENCLOSURE REQUIREMENTS. A PERSONAL DECONTAMINATION SYSTEM ENCLOSURE FOR A SMALL ASBESTOS PROJECT SHALL CONSIST OF, AT A MINIMUM, AN EQUIPMENT ROOM, A SHOWER ROOM AND A CLEAN ROOM SEPARATED FROM EACH OTHER AND FROM THE REGULATED ABATEMENT WORK AREA AND OTHER AREAS BY CURTAINED DOORWAYS AS DEFINED IN SECTION 56-2.1 OF NYCRR PART 56. ALL OTHER PROVISIONS FOR PERSONAL DECONTAMINATION SYSTEM FOR A LARGE ASBESTOS PROJECT SHALL APPLY. EQUIPMENT STORAGE, PERSONAL GROSS DECONTAMINATION AND REMOVAL OF CLOTHING SHALL OCCUR IN THE EQUIPMENT ROOM JUST PRIOR TO ENTERING THE SHOWER. THE FULL PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SPECIFIED FOR LARGE ASBESTOS PROJECTS IS RECOMMENDED.

REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

IF A PERSONAL DECONTAMINATION SYSTEM CANNOT BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA, DUE TO AVAILABLE SPACE RESTRICTIONS OR OTHER BUILDING AND FIRE CODE RESTRICTIONS, A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE MAY BE USED FOR LIMITED SPECIAL PROJECTS AS PER SUBPART 56-11 OF NYCRR PART 56, NEGATIVE PRESSURE TENT ENCLOSURE WORK AREAS WITH GLOVEBAG ONLY ABATEMENT, OR IF NON-FRIABLE ACM IS BEING REMOVED IN A MANNER WHICH WILL NOT RENDER THE ACM FRIABLE. IF IT IS FOUND DURING PHASE II B, THAT THE NON-FRIABLE ACM OR ASBESTOS MATERIAL WILL BECOME FRIABLE DURING THE REMOVAL PROCESS, AND IT IS LOGISTICALLY POSSIBLE TO ATTACH THE DECONTAMINATION SYSTEM ENCLOSURE, ABATEMENT WORK MUST STOP IMMEDIATELY WHILE THE REMOTE PERSONAL DECONTAMINATION SYSTEM IS RELOCATED TO BE ATTACHED AND CONTIGUOUS TO THE REGULATED ABATEMENT WORK AREA. THE FOLLOWING REQUIREMENTS APPLY FOR ALL REMOTE PERSONAL DECONTAMINATION SYSTEMS:

(1) PROTECTIVE CLOTHING. WORKERS SHALL DON TWO SETS OF DISPOSABLE PROTECTIVE CLOTHING AND A SUPPLY OF PROTECTIVE CLOTHING SHALL BE KEPT IN THE AIRLOCKS ATTACHED TO THE REGULATED ABATEMENT WORK AREA.

(2) LOCATION. THE REMOTE PERSONAL DECONTAMINATION SYSTEM SHALL BE CONSTRUCTED AS CLOSE TO THE REGULATED ABATEMENT WORK AREA AS PHYSICALLY POSSIBLE. IF THE REMOTE PERSONAL DECONTAMINATION SYSTEM MUST BE LOCATED AT THE EXTERIOR OF THE BUILDING/STRUCTURE DUE TO SPACE OR CODE RESTRICTIONS, IT SHALL BE CONSTRUCTED WITHIN 50 FEET OF THE BUILDING/STRUCTURE EXIT USED FOR ACCESS BY THE ASBESTOS ABATEMENT CONTRACTOR PERSONNEL. THE DECONTAMINATION UNIT SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET TO SEPARATE IT FROM PUBLIC AREAS.

(3) AIRLOCKS. AT A MINIMUM, TWO EXTRA AIRLOCKS AS DEFINED IN SECTION 56-2.1 OF NYCRR PART 56 SHALL BE CONSTRUCTED AS PER PARAGRAPH (B)(11) OF SECTION 56-7.5. ONE SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE EQUIPMENT ROOM OR EQUIPMENT/WASHROOM. THE OTHER EXTRA AIRLOCK SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE CONTAINMENT OR REGULATED ABATEMENT WORK AREA(S). THESE AIRLOCKS SHALL HAVE LOCKABLE DOORWAYS AT THE ENTRANCE TO THE AIRLOCK FROM UNCONTAMINATED AREAS. THESE AIRLOCKS SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET AND APPROPRIATELY SIGNED IN ACCORDANCE WITH SECTION 56-7.4(C) OF NYCRR PART 56. AIRLOCKS SHALL NOT BE USED AS A WASTE DECONTAMINATION AREA AND SHALL BE KEPT CLEAN AND FREE OF ASBESTOS CONTAINING MATERIAL.

(4) DESIGNATED PATHWAY. THE WALKWAY FROM THE REGULATED ABATEMENT WORK AREA TO THE PERSONAL DECONTAMINATION SYSTEM OR NEXT REGULATED ABATEMENT WORK AREA SHALL BE CORDONED OFF AND SIGNAGE INSTALLED AS PER SECTION 56-7.4(C) OF NYCRR PART 56, TO DELINEATE IT FROM PUBLIC AREAS WHILE IN USE DURING PHASES II A THROUGH II D.

(5) TRAVEL THROUGH UNCONTAMINATED AREAS. IF AT ANY TIME A WORKER MUST TRAVEL THROUGH AN UNCONTAMINATED AREA TO ACCESS THE PERSONAL DECONTAMINATION AREA, THE WORKER SHALL HEPA-VACUUM AND/OR WET WIPE HIS/HER OUTER PROTECTIVE CLOTHING WHILE IN THE REGULATED ABATEMENT WORK AREA, THEN PROCEED INTO THE AIRLOCK, WHICH SERVES AS A CHANGING AREA, WHERE HE/SHE SHALL REMOVE THE OUTER CLOTHING AND DON A CLEAN SET OF PROTECTIVE CLOTHING. THE WORKER MAY THEN PROCEED TO THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE ONLY ALONG A DESIGNATED PATHWAY AS DESCRIBED ABOVE. TRAVEL IN ANY OTHER AREA SHALL NOT BE ALLOWED.

(6) REMOVAL. THE REMOTE PERSONAL DECONTAMINATION UNIT SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED.

WASTE DECONTAMINATION SYSTEM ENCLOSURE—LARGE AND SMALL ASBESTOS PROJECTS.

(1) ENCLOSURE—GENERAL. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE PROVIDED OUTSIDE THE REGULATED ABATEMENT WORK AREA AND SHALL BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA. ONE WASTE DECONTAMINATION ENCLOSURE FOR EACH REGULATED ABATEMENT WORK AREA SHALL BE REQUIRED. THIS SYSTEM MAY UTILIZE ADEQUATE EXISTING LIGHTING SOURCES SEPARATE FROM THE DECONTAMINATION SYSTEM ENCLOSURE. OR SHALL BE SUPPLIED WITH A GFCI PROTECTED TEMPORARY LIGHTING SYSTEM. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE SIZED TO ACCOMMODATE THE NUMBER OF WORKERS AND EQUIPMENT FOR THE INTENDED PURPOSE. SUCH SYSTEM MAY CONSIST OF EXISTING ATTACHED ROOMS OUTSIDE OF THE REGULATED ABATEMENT WORK AREA, IF THE LAYOUT IS APPROPRIATE. THAT CAN BE PLASTICIZED AND ARE ACCESSIBLE FROM THE REGULATED ABATEMENT WORK AREA. WHEN THIS SITUATION DOES NOT EXIST, ENCLOSURE SYSTEMS MAY BE CONSTRUCTED OF METAL, WOOD OR PLASTIC SUPPORTS COVERED WITH FIRE-RETARDANT PLASTIC SHEETING. A MINIMUM OF ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING SHALL BE INSTALLED ON THE CEILING, AND WALLS OF THE ENCLOSURE SYSTEM. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THIS AREA. THIS SYSTEM MUST BE KEPT CLEAN, SANITARY AND CLIMATE CONTROLLED AT ALL TIMES IN CONFORMANCE TO ALL FEDERAL, STATE AND LOCAL GOVERNMENT REQUIREMENTS. THIS SYSTEM SHALL REMAIN AND BE USED UNTIL COMPLETION OF PHASE II C OF THE ASBESTOS PROJECT.

(2) ROOMS AND CONFIGURATION. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL CONSIST OF A WASHROOM AND A HOLDING AREA CONNECTED IN SERIES BUT SEPARATED FROM EACH OTHER BY AN AIRLOCK. THERE SHALL BE A LOCKABLE DOOR TO THE OUTSIDE, AND THERE SHALL BE A CURTAINED DOORWAY BETWEEN THE WASHROOM AND THE REGULATED ABATEMENT WORK AREA.

(3) CURTAINED DOORWAY. AN ASSEMBLY WHICH CONSISTS OF AT LEAST THREE OVERLAPPING SHEETS OF SIX MIL FIRE-RETARDANT PLASTIC OVER AN EXISTING OR TEMPORARILY FRAMED DOORWAY. ONE SHEET SHALL BE SECURED AT THE TOP AND LEFT SIDE, THE SECOND SHEET AT THE TOP AND RIGHT SIDE, AND THE THIRD SHEET AT THE TOP AND LEFT SIDE. ALL SHEETS SHALL HAVE WEIGHTS ATTACHED TO THE BOTTOM TO INSURE THAT THE SHEETS HANG STRAIGHT AND MAINTAIN A SEAL OVER THE DOORWAY WHEN NOT IN USE.

(4) WASHROOM. A ROOM/CHAMBER BETWEEN THE REGULATED ABATEMENT WORK AREA AND THE HOLDING AREA IN THE WASTE DECONTAMINATION SYSTEM ENCLOSURE, WHERE EQUIPMENT AND WASTE CONTAINERS ARE WET CLEANED OR HEPA-VACUUMED, ADEQUATE DRAINAGE AND BAG/CONTAINER WASH WATER SHALL BE PROVIDED WITHIN THE ROOM/CHAMBER, AS WELL AS A SUFFICIENT QUANTITY OF CLEAN WASTE BAGS/CONTAINERS.

(5) EQUIPMENT/WASHROOM ALTERNATIVE. WHERE THERE IS ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE HOLDING AREA OF THE WASTE DECONTAMINATION SYSTEM ENCLOSURE MAY BRANCH OFF FROM THE EQUIPMENT ROOM OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE. THE EQUIPMENT ROOM WILL ALSO BE USED AS A WASTE WASHROOM.

(6) PLASTIC SHEETING. WASTE DECONTAMINATION SYSTEM ENCLOSURES CONSTRUCTED AT THE WORK SITE SHALL USE AT LEAST ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING ON WALLS AND CEILING. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THESE AREAS.

(7) ENCLOSURE SECURITY. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE AND REGULATED ABATEMENT WORK AREA AIRLOCK(S) (WHEN REMOTE DECONTAMINATION SYSTEMS ARE USED) SHALL BE CONSTRUCTED WITH LOCKABLE DOORS TO PREVENT UNAUTHORIZED ENTRY. ENCLOSURE SYSTEMS LOCATED WITHIN 25 FEET OF AN AREA OF PUBLIC ACCESS SHALL BE FULLY FRAMED AND HARD-WALL SHEATHED FOR SAFETY.

(8) DRAINS. THE WASTE WASHROOM SHALL BE EQUIPPED WITH A WASH BIN OF SUFFICIENT SIZE TO PERFORM WASTE CONTAINER WASHING OPERATIONS AND SHALL HAVE A SUBMERSIBLE PUMP INSTALLED TO COLLECT WASTE WATER AND DELIVER IT TO THE SHOWER WASTEWATER FILTRATION SYSTEM WHERE IT SHALL BE FILTERED IN ACCORDANCE WITH PARAGRAPH (B)(9) OF NYCRR PART 56-7.5.

(9) SHOWER/WASHROOM ALTERNATIVE — SMALL ASBESTOS PROJECT. FOR SMALL ASBESTOS PROJECTS WITH ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE SHOWER ROOM MAY BE USED AS A WASTE WASHROOM. THE CLEAN ROOM SHALL NOT BE USED FOR WASTE STORAGE, BUT SHALL BE USED FOR WASTE TRANSFER TO CARTS, WHICH SHALL BE IMMEDIATELY REMOVED FROM THE ENCLOSURE. WASTE SHALL BE TRANSFERRED ONLY DURING TIMES WHEN THE SHOWERS ARE NOT IN USE.

WASTE DECONTAMINATION SYSTEM ENCLOSURE — WHEN REMOTE PERSONAL IS ALLOWED.

WHEN A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE IS ALLOWED AND UTILIZED FOR A REGULATED ABATEMENT WORK AREA, THE FOLLOWING REQUIREMENTS SHALL APPLY:

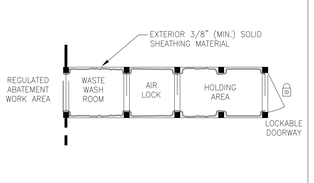
(1) MINOR SIZE REGULATED ABATEMENT WORK AREA. NO SPECIFIC WASTE DECONTAMINATION SYSTEM ENCLOSURE IS REQUIRED FOR MINOR SIZE REGULATED ABATEMENT WORK AREAS. THE WASTE GENERATED SHALL BE IMMEDIATELY BAGGED/CONTAINERIZED WITHIN THE REGULATED ABATEMENT WORK AREA.

(2) SMALL AND LARGE SIZE REGULATED ABATEMENT WORK AREAS.

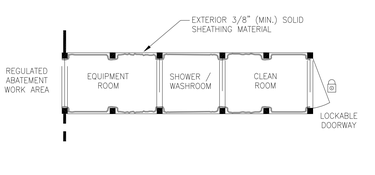
(I) WASHROOM. AN ADDITIONAL CHAMBER SHALL BE CONSTRUCTED WITHIN THE REGULATED ABATEMENT WORK AREA, ATTACHED TO THE EXISTING AIRLOCK USED TO ACCESS THE WORK AREA. THE WASHROOM/AIRLOCK COMBINATION SHALL BE UTILIZED AS THE CONTIGUOUS WASTE DECONTAMINATION ENCLOSURE FOR WASTE BAGGING/CONTAINERIZATION AND WASTE TRANSFER ACTIVITIES. THE WASHROOM SHALL BE CONSTRUCTED AND SUPPLIED WITH EQUIPMENT/MATERIALS CONSISTENT WITH WASTE DECONTAMINATION SYSTEM ENCLOSURE WASHROOM REQUIREMENTS FOR CONTIGUOUS PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES.

(II) REMOVAL. THE WASHROOM CHAMBER SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED.

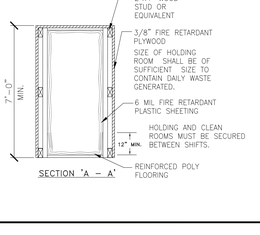
A — WASTE DECONTAMINATION SYSTEM ENCLOSURE - SMALL ASBESTOS PROJECT



B — PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURE FOR A SMALL ASBESTOS PROJECT

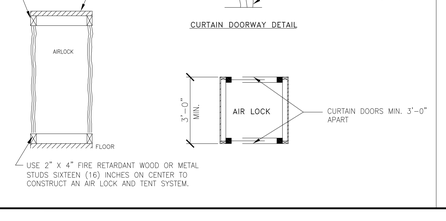


C — PERSONAL DECONTAMINATION ENCLOSURE LARGE SCALE



D — CROSS SECTION OF AIRLOCK PLAN OF AIRLOCK

TYPICAL AIR LOCK DETAIL

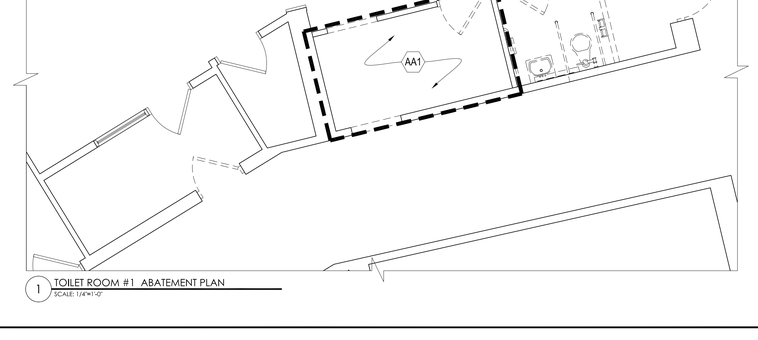


ASBESTOS ABATEMENT KEYNOTES

	QTY.
(AA1) REMOVE AND DISPOSE OF ASBESTOS CONTAINING FLOOR TILE.	75 SQ. FT.

GENERAL ABATEMENT NOTES:

1. SPECIFICATION SECTION 02 82 00 AND THE ABATEMENT LEGEND LIST APPROXIMATE QUANTITIES FOR REMOVAL, BUT THE CONTRACTOR IS ALONE RESPONSIBLE FOR DETERMINING THE ACTUAL ABATEMENT QUANTITIES OF ACM INCLUDING, SIZES, LENGTHS, SQUARE FOOTAGES AND CONFIGURATIONS.
2. THIS FACILITY WILL BE OCCUPIED DURING CONSTRUCTION WORK.
3. SHUT DOWN AND ISOLATE EXISTING MECHANICAL EQUIPMENT SYSTEMS TO PREVENT CONTAMINATION AND DISPERSAL TO OTHER AREAS IN THE BUILDING. COORDINATE WITH THE OWNER'S REPRESENTATIVE.
4. ANY CRITICAL ELECTRICAL RUNS THROUGH THE WORK AREA SHALL REMAIN ACTIVE DURING THE ENTIRE ABATEMENT PROCESS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REQUIRED VARIANCES REQUIRED TO MAINTAIN CRITICAL ELECTRICAL RUNS.
5. ALL SCHEDULED ABATEMENT WORK SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE. FOLLOW ALL RULES AND REGULATIONS OF NYS ICR 56, EPA, OSHA AND OTHER APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS DURING THE ENTIRE PROJECT.
6. CONTRACTOR SHALL ATTEND THE PRE-WORK CONFERENCE AND PROVIDE A DETAILED ABATEMENT WORK PLAN FOR REVIEW.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ON-SITE SAFETY AND SECURITY OF HIS/HER EMPLOYEES DURING ALL HAZARDOUS REMOVAL ACTIVITIES. CONTRACTOR ALSO ASSUMES RESPONSIBILITY FOR PROCEEDING WITH THE WORK IN A MANNER THAT OFFERS THEIR EMPLOYEES A WORKPLACE FREE FROM RECOGNIZED HAZARDS CAUSING SERIOUS HEALTH, HARM OR INJURY.
8. PROVIDE TO THE OWNER'S REPRESENTATIVE ALL WASTE TRANSPORTER PERMITS, WASTE DISPOSAL RECEIPTS AND THE CONTRACTORS POST ABATEMENT REPORT. SEE THE CLOSEOUT SUBMITTAL SECTION IN EACH OF THE ABATEMENT SPEC SECTIONS FOR DETAILS.
9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT LANDFILL DOES ACCEPT ALL OF THE TYPES OF HAZARDOUS MATERIALS WITHIN PROJECTS SCOPE OF WORK.
10. ANY REMOVAL WORK OR ANY OTHER WORK IN THESE AREAS SHALL COMMENCE ONLY AFTER THE HAZARDOUS MATERIAL REMOVAL WORK IS COMPLETED AND ONLY AFTER THE NECESSARY CLEARANCES ARE OBTAINED.
11. UPON COMPLETION OF HAZARDOUS MATERIAL REMOVALS WORK, ANY EXISTING AREAS AND/OR FINISHES THAT HAVE BEEN DAMAGED THAT ARE NOT PART OF THE REMOVAL SCOPES OF WORK (INCLUDES AREAS AND/OR FINISHES AS A RESULT OF ANY TEMPORARY PARTITIONS AND WASTE DECON UNIT ENCLOSURES CONSTRUCTION) SHALL BE RESTORED TO ORIGINAL CONDITIONS BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE. FINISH RESTORATION SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.
12. THE RESULTS OF THE TESTING FOR ACM ARE LISTED IN THE BUILDING ASBESTOS SURVEY REPORT BOUND AT THE END OF SPEC. SECTION 02 82 00.
13. ALL ASBESTOS CONTAINING AND CONTAMINATED MATERIALS SHALL BE DISPOSED OF AS REGULATED ASBESTOS CONTAINING MATERIAL (RACM)



1 TOILET ROOM #1 ABATEMENT PLAN
SCALE: 1/4"=1'-0"



KEY PLAN

CPLteam.com
ARCHITECTURE = ENGINEERING = PLANNING
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SOMERS, NEW YORK 10589
TEL (914) 276-0777
FAX (914) 276-0779

REVISIONS NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	PC	JF	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
2	01/07/2021	-	-	ADDENDUM #1
3	03/29/2021	PC	JF	ISSUED FOR BID

ENVIRONMENTAL CONSULTANT

ADELAIDE ENVIRONMENTAL HEALTH ASSOCIATES INC.
1511 ROUTE 22, SUITE C24
BREWSTER, NY 10509
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CARMEL CENTRAL SCHOOL DISTRICT

81 SOUTH STREET, P.O. BOX 294, PATTERSON, NEW YORK 12563

CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
MATTHEW PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	AEHA	JS

SCALE AS SHOWN

SHEET TITLE
ASBESTOS ABATEMENT PLAN

PROJECT NUMBER
70019.00

HS H100
DRAWING NUMBER

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PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES

PERSONAL DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO COMMENCING THE REMAINDER OF THE PHASE II A REGULATED ABATEMENT WORK AREA PREPARATION ACTIVITIES. WASTE DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL AT THE COMPLETION OF PHASE II A PREPARATION ACTIVITIES. AFTER INSTALLATION OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE, ALL ACCESS TO THE REGULATED ABATEMENT WORK AREA SHALL BE VIA THE INSTALLED PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

PERSONAL DECONTAMINATION SYSTEM ENCLOSURE—SMALL PROJECT.

(1) ENCLOSURE REQUIREMENTS. A PERSONAL DECONTAMINATION SYSTEM ENCLOSURE FOR A SMALL ASBESTOS PROJECT SHALL CONSIST OF, AT A MINIMUM, AN EQUIPMENT ROOM, A SHOWER ROOM AND A CLEAN ROOM SEPARATED FROM EACH OTHER AND FROM THE REGULATED ABATEMENT WORK AREA AND OTHER AREAS BY CURTAINED DOORWAYS AS DEFINED IN SECTION 56-2.1 OF NYCRR PART 56. ALL OTHER PROVISIONS FOR PERSONAL DECONTAMINATION SYSTEM FOR A LARGE ASBESTOS PROJECT SHALL APPLY. EQUIPMENT STORAGE, PERSONAL GROSS DECONTAMINATION AND REMOVAL OF CLOTHING SHALL OCCUR IN THE EQUIPMENT ROOM JUST PRIOR TO ENTERING THE SHOWER. THE FULL PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SPECIFIED FOR LARGE ASBESTOS PROJECTS IS RECOMMENDED.

REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

IF A PERSONAL DECONTAMINATION SYSTEM CANNOT BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA, DUE TO AVAILABLE SPACE RESTRICTIONS OR OTHER BUILDING AND FIRE CODE RESTRICTIONS, A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE MAY BE USED FOR LIMITED SPECIAL PROJECTS AS PER SUBPART 56-11 OF NYCRR PART 56, NEGATIVE PRESSURE TENT ENCLOSURE WORK AREAS WITH GLOVEBAG ONLY ABATEMENT, OR IF NON-FRIABLE ACM IS BEING REMOVED IN A MANNER WHICH WILL NOT RENDER THE ACM FRIABLE. IF IT IS FOUND DURING PHASE II B, THAT THE NON-FRIABLE ACM OR ASBESTOS MATERIAL WILL BECOME FRIABLE DURING THE REMOVAL PROCESS, AND IT IS LOGISTICALLY POSSIBLE TO ATTACH THE DECONTAMINATION SYSTEM ENCLOSURE, ABATEMENT WORK MUST STOP IMMEDIATELY WHILE THE REMOTE PERSONAL DECONTAMINATION SYSTEM IS RELOCATED TO BE ATTACHED AND CONTIGUOUS TO THE REGULATED ABATEMENT WORK AREA. THE FOLLOWING REQUIREMENTS APPLY FOR ALL REMOTE PERSONAL DECONTAMINATION SYSTEMS:

(1) PROTECTIVE CLOTHING. WORKERS SHALL DON TWO SETS OF DISPOSABLE PROTECTIVE CLOTHING AND A SUPPLY OF PROTECTIVE CLOTHING SHALL BE KEPT IN THE AIRLOCKS ATTACHED TO THE REGULATED ABATEMENT WORK AREA.

(2) LOCATION. THE REMOTE PERSONAL DECONTAMINATION SYSTEM SHALL BE CONSTRUCTED AS CLOSE TO THE REGULATED ABATEMENT WORK AREA AS PHYSICALLY POSSIBLE. IF THE REMOTE PERSONAL DECONTAMINATION SYSTEM MUST BE LOCATED AT THE EXTERIOR OF THE BUILDING/STRUCTURE DUE TO SPACE OR CODE RESTRICTIONS, IT SHALL BE CONSTRUCTED WITHIN 50 FEET OF THE BUILDING/STRUCTURE EXIT USED FOR ACCESS BY THE ASBESTOS ABATEMENT CONTRACTOR PERSONNEL. THE DECONTAMINATION UNIT SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET TO SEPARATE IT FROM PUBLIC AREAS.

(3) AIRLOCKS. AT A MINIMUM, TWO EXTRA AIRLOCKS AS DEFINED IN SECTION 56-2.1 OF NYCRR PART 56 SHALL BE CONSTRUCTED AS PER PARAGRAPH (B)(11) OF SECTION 56-7.5. ONE SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE EQUIPMENT ROOM OR EQUIPMENT/WASHROOM. THE OTHER EXTRA AIRLOCK SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE CONTAINMENT OR REGULATED ABATEMENT WORK AREA(S). THESE AIRLOCKS SHALL HAVE LOCKABLE DOORWAYS AT THE ENTRANCE TO THE AIRLOCK FROM UNCONTAMINATED AREAS. THESE AIRLOCKS SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET AND APPROPRIATELY SIGNED IN ACCORDANCE WITH SECTION 56-7.4(C) OF NYCRR PART 56. AIRLOCKS SHALL NOT BE USED AS A WASTE DECONTAMINATION AREA AND SHALL BE KEPT CLEAN AND FREE OF ASBESTOS CONTAINING MATERIAL.

(4) DESIGNATED PATHWAY. THE WALKWAY FROM THE REGULATED ABATEMENT WORK AREA TO THE PERSONAL DECONTAMINATION SYSTEM OR NEXT REGULATED ABATEMENT WORK AREA SHALL BE CORDONED OFF AND SIGNAGE INSTALLED AS PER SECTION 56-7.4(C) OF NYCRR PART 56, TO DELINEATE IT FROM PUBLIC AREAS WHILE IN USE DURING PHASES II A THROUGH II D.

(5) TRAVEL THROUGH UNCONTAMINATED AREAS. IF AT ANY TIME A WORKER MUST TRAVEL THROUGH AN UNCONTAMINATED AREA TO ACCESS THE PERSONAL DECONTAMINATION AREA, THE WORKER SHALL HEPA-VACUUM AND/OR WET WIPE HIS/HER OUTER PROTECTIVE CLOTHING WHILE IN THE REGULATED ABATEMENT WORK AREA, THEN PROCEED INTO THE AIRLOCK. WHICH SERVES AS A CHANGING AREA, WHERE HE/SHE SHALL REMOVE THE OUTER CLOTHING AND DON A CLEAN SET OF PROTECTIVE CLOTHING. THE WORKER MAY THEN PROCEED TO THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE ONLY ALONG A DESIGNATED PATHWAY AS DESCRIBED ABOVE. TRAVEL IN ANY OTHER AREA SHALL NOT BE ALLOWED.

(6) REMOVAL. THE REMOTE PERSONAL DECONTAMINATION UNIT SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED.

WASTE DECONTAMINATION SYSTEM ENCLOSURE—LARGE AND SMALL ASBESTOS PROJECTS.

(1) ENCLOSURE—GENERAL. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE PROVIDED OUTSIDE THE REGULATED ABATEMENT WORK AREA AND SHALL BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA. ONE WASTE DECONTAMINATION ENCLOSURE FOR EACH REGULATED ABATEMENT WORK AREA SHALL BE REQUIRED. THIS SYSTEM MAY UTILIZE ADEQUATE EXISTING LIGHTING SOURCES SEPARATE FROM THE DECONTAMINATION SYSTEM ENCLOSURE, OR SHALL BE SUPPLIED WITH A GFCI PROTECTED TEMPORARY LIGHTING SYSTEM. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE SIZED TO ACCOMMODATE THE NUMBER OF WORKERS AND EQUIPMENT FOR THE INTENDED PURPOSE. SUCH SYSTEM MAY CONSIST OF EXISTING ATTACHED ROOMS OUTSIDE OF THE REGULATED ABATEMENT WORK AREA, IF THE LAYOUT IS APPROPRIATE, THAT CAN BE PLASTICIZED AND ARE ACCESSIBLE FROM THE REGULATED ABATEMENT WORK AREA. WHEN THIS SITUATION DOES NOT EXIST, ENCLOSURE SYSTEMS MAY BE CONSTRUCTED OF METAL, WOOD OR PLASTIC SUPPORTS COVERED WITH FIRE-RETARDANT PLASTIC SHEETING. A MINIMUM OF ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING SHALL BE INSTALLED ON THE CEILING, AND WALLS OF THE ENCLOSURE SYSTEM. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THIS AREA. THIS SYSTEM MUST BE KEPT CLEAN, SANITARY AND CLIMATE CONTROLLED AT ALL TIMES IN CONFORMANCE TO ALL FEDERAL, STATE AND LOCAL GOVERNMENT REQUIREMENTS. THIS SYSTEM SHALL REMAIN AND BE USED UNTIL COMPLETION OF PHASE II C OF THE ASBESTOS PROJECT.

(2) ROOMS AND CONFIGURATION. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL CONSIST OF A WASHROOM AND A HOLDING AREA CONNECTED IN SERIES BUT SEPARATED FROM EACH OTHER BY AN AIRLOCK. THERE SHALL BE A LOCKABLE DOOR TO THE OUTSIDE, AND THERE SHALL BE A CURTAINED DOORWAY BETWEEN THE WASHROOM AND THE REGULATED ABATEMENT WORK AREA.

(3) CURTAINED DOORWAY. AN ASSEMBLY WHICH CONSISTS OF AT LEAST THREE OVERLAPPING SHEETS OF SIX MIL FIRE-RETARDANT PLASTIC OVER AN EXISTING OR TEMPORARILY FRAMED DOORWAY. ONE SHEET SHALL BE SECURED AT THE TOP AND LEFT SIDE, THE SECOND SHEET AT THE TOP AND RIGHT SIDE, AND THE THIRD SHEET AT THE TOP AND LEFT SIDE. ALL SHEETS SHALL HAVE WEIGHTS ATTACHED TO THE BOTTOM TO INSURE THAT THE SHEETS HANG STRAIGHT AND MAINTAIN A SEAL OVER THE DOORWAY WHEN NOT IN USE.

(4) WASHROOM. A ROOM/CHAMBER BETWEEN THE REGULATED ABATEMENT WORK AREA AND THE HOLDING AREA IN THE WASTE DECONTAMINATION SYSTEM ENCLOSURE, WHERE EQUIPMENT AND WASTE CONTAINERS ARE WET CLEANED OR HEPA-VACUUMED. ADEQUATE DRAINAGE AND BAG/CONTAINER WASH WATER SHALL BE PROVIDED WITHIN THE ROOM/CHAMBER, AS WELL AS A SUFFICIENT QUANTITY OF CLEAN WASTE BAGS/CONTAINERS.

(5) EQUIPMENT/WASHROOM ALTERNATIVE. WHERE THERE IS ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE HOLDING AREA OF THE WASTE DECONTAMINATION SYSTEM ENCLOSURE MAY BRANCH OFF FROM THE EQUIPMENT ROOM OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE. THE EQUIPMENT ROOM WILL ALSO BE USED AS A WASTE WASHROOM.

(6) PLASTIC SHEETING. WASTE DECONTAMINATION SYSTEM ENCLOSURES CONSTRUCTED AT THE WORK SITE SHALL USE AT LEAST ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING ON WALLS AND CEILING. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THESE AREAS.

(7) ENCLOSURE SECURITY. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE AND REGULATED ABATEMENT WORK AREA AIRLOCK(S) (WHEN REMOTE DECONTAMINATION SYSTEMS ARE USED) SHALL BE CONSTRUCTED WITH LOCKABLE DOORS TO PREVENT UNAUTHORIZED ENTRY. ENCLOSURE SYSTEMS LOCATED WITHIN 25 FEET OF AN AREA OF PUBLIC ACCESS SHALL BE FULLY FRAMED AND HARD-WALL SHEATHED FOR SAFETY.

(8) DRAINS. THE WASTE WASHROOM SHALL BE EQUIPPED WITH A WASH BIN OF SUFFICIENT SIZE TO PERFORM WASTE CONTAINER WASHING OPERATIONS AND SHALL HAVE A SUBMERSIBLE PUMP INSTALLED TO COLLECT WASTE WATER AND DELIVER IT TO THE SHOWER WASTEWATER FILTRATION SYSTEM WHERE IT SHALL BE FILTERED IN ACCORDANCE WITH PARAGRAPH (B)(9) OF NYCRR PART 56-7.5.

(9) SHOWER/WASHROOM ALTERNATIVE — SMALL ASBESTOS PROJECT. FOR SMALL ASBESTOS PROJECTS WITH ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE SHOWER ROOM MAY BE USED AS A WASTE WASHROOM. THE CLEAN ROOM SHALL NOT BE USED FOR WASTE STORAGE, BUT SHALL BE USED FOR WASTE TRANSFER TO CARTS, WHICH SHALL BE IMMEDIATELY REMOVED FROM THE ENCLOSURE. WASTE SHALL BE TRANSFERRED ONLY DURING TIMES WHEN THE SHOWERS ARE NOT IN USE.

WASTE DECONTAMINATION SYSTEM ENCLOSURE — WHEN REMOTE PERSONAL IS ALLOWED.

WHEN A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE IS ALLOWED AND UTILIZED FOR A REGULATED ABATEMENT WORK AREA, THE FOLLOWING REQUIREMENTS SHALL APPLY:

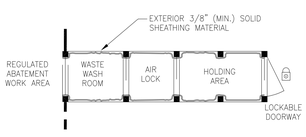
(I) MINOR SIZE REGULATED ABATEMENT WORK AREA. NO SPECIFIC WASTE DECONTAMINATION SYSTEM ENCLOSURE IS REQUIRED FOR MINOR SIZE REGULATED ABATEMENT WORK AREAS. THE WASTE GENERATED SHALL BE IMMEDIATELY BAGGED/CONTAINERIZED WITHIN THE REGULATED ABATEMENT WORK AREA.

(2) SMALL AND LARGE SIZE REGULATED ABATEMENT WORK AREAS.

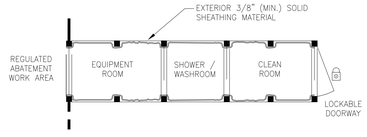
(I) WASHROOM. AN ADDITIONAL CHAMBER SHALL BE CONSTRUCTED WITHIN THE REGULATED ABATEMENT WORK AREA, ATTACHED TO THE EXISTING AIRLOCK USED TO ACCESS THE WORK AREA. THE WASHROOM/AIRLOCK COMBINATION SHALL BE UTILIZED AS THE CONTIGUOUS WASTE DECONTAMINATION ENCLOSURE FOR WASTE BAGGING/CONTAINERIZATION AND WASTE TRANSFER ACTIVITIES. THE WASHROOM SHALL BE CONSTRUCTED AND SUPPLIED WITH EQUIPMENT/MATERIALS CONSISTENT WITH WASTE DECONTAMINATION SYSTEM ENCLOSURE WASHROOM REQUIREMENTS FOR CONTIGUOUS PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES.

(II) REMOVAL. THE WASHROOM CHAMBER SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED.

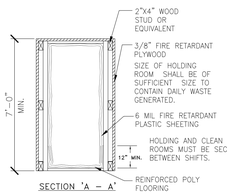
A WASTE DECONTAMINATION SYSTEM ENCLOSURE - SMALL ASBESTOS PROJECT



B PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURE FOR A SMALL ASBESTOS PROJECT



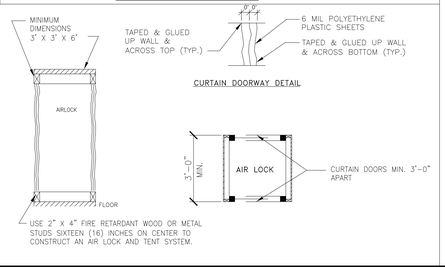
C PERSONAL DECONTAMINATION ENCLOSURE LARGE SCALE

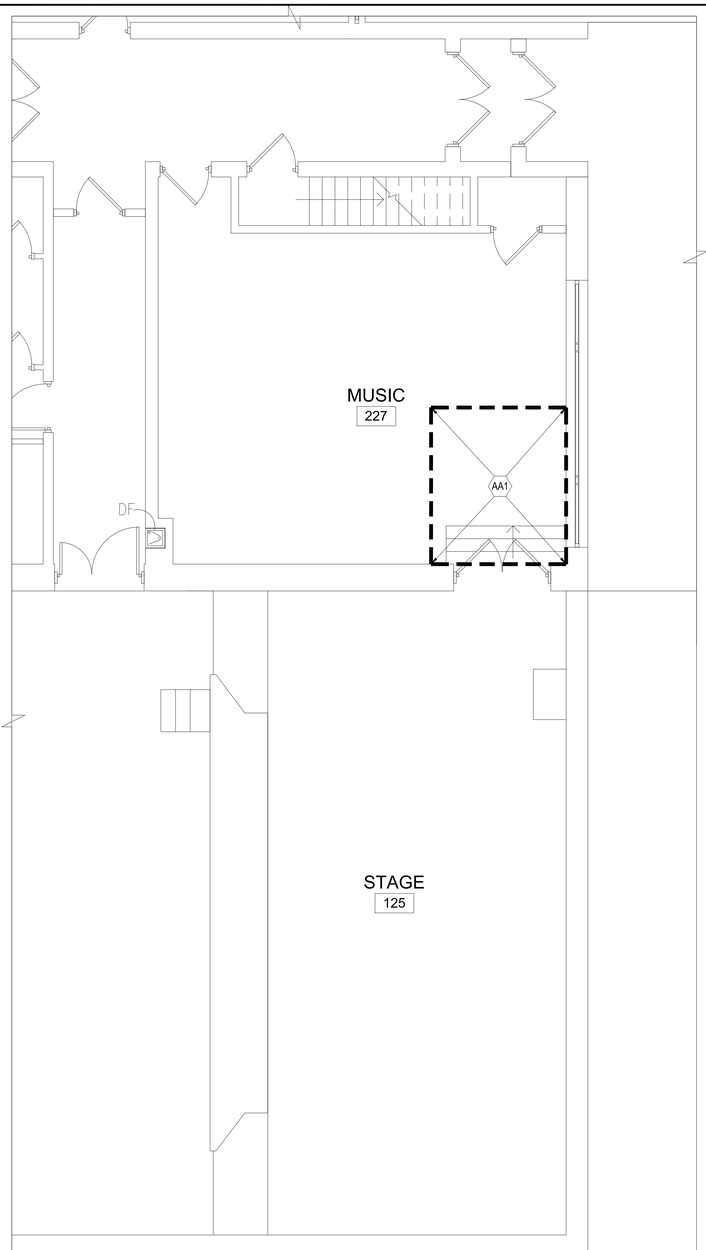


SECTION 'A – A'

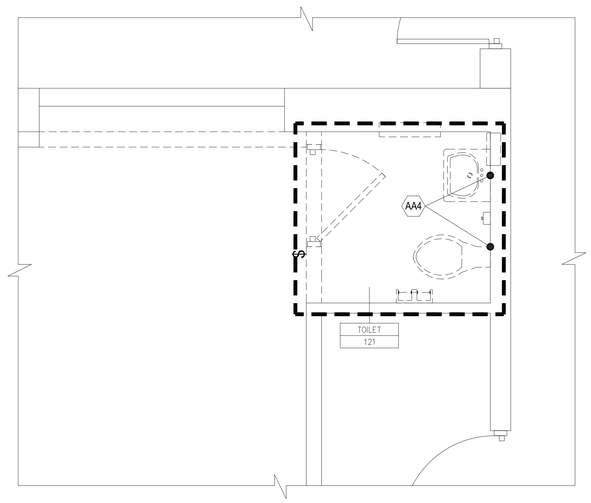
D CROSS SECTION OF AIRLOCK PLAN OF AIRLOCK

TYPICAL AIR LOCK DETAIL

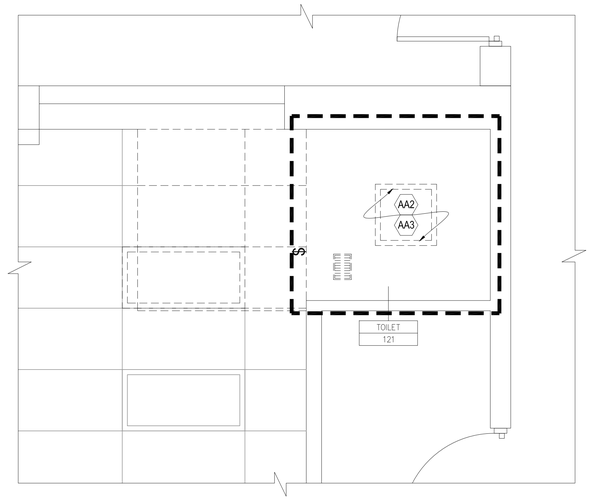




3 TOILET ROOM #121 RCP REMOVAL PLAN
SCALE: 1/2"=1'-0"



1 TOILET ROOM #121 REMOVAL PLAN
SCALE: 1/2"=1'-0" (120 SF EXISTING FLOOR & WALL TILE REMOVAL)



3 TOILET ROOM #121 RCP REMOVAL PLAN
SCALE: 1/2"=1'-0"

ASBESTOS ABATEMENT KEYNOTES

		QTY.
AA1	REMOVE AND DISPOSE OF FLOOR TILE, COVE BASE & ALL ASSOCIATED MASTICS	90 SQ. FT. FLOOR TILE 20 LIN. FT. COVE BASE
AA2	REMOVE EXISTING CEILINGS AS ASBESTOS CONTAINING MATERIAL. PACM EXISTS ABOVE CEILING AND CONDITION IS UNKNOWN. ALL CEILING SUSPENSION COMPONENTS, LIGHTS, REGISTERS AND THE LIKE SHALL BE DECONTAMINATED PRIOR TO DISPOSAL.	30 SQ. FT.
AA3	REMOVE PACM THERMAL SYSTEMS INSULATION ON PIPING ABOVE CEILING.	30 LIN. FT.
AA4	REMOVE PACM THERMAL SYSTEMS INSULATION ON PIPING BEHIND WALLS.	24 LIN. FT.

GENERAL ABATEMENT NOTES:

1. SPECIFICATION SECTION 02 82 00 AND THE ABATEMENT LEGEND LIST APPROXIMATE QUANTITIES FOR REMOVAL, BUT THE CONTRACTOR IS ALONE RESPONSIBLE FOR DETERMINING THE ACTUAL ABATEMENT QUANTITIES OF ACM INCLUDING, SIZES, LENGTHS, SQUARE FOOTAGES AND CONFIGURATIONS.
2. THIS FACILITY WILL BE OCCUPIED DURING CONSTRUCTION WORK.
3. SHUT DOWN AND ISOLATE EXISTING MECHANICAL EQUIPMENT SYSTEMS TO PREVENT CONTAMINATION AND DISPERSAL TO OTHER AREAS IN THE BUILDING. COORDINATE WITH THE OWNER'S REPRESENTATIVE.
4. ANY CRITICAL ELECTRICAL RUNS THROUGH THE WORK AREA SHALL REMAIN ACTIVE DURING THE ENTIRE ABATEMENT PROCESS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REQUIRED VARIANCES REQUIRED TO MAINTAIN CRITICAL ELECTRICAL RUNS.
5. ALL SCHEDULED ABATEMENT WORK SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE. FOLLOW ALL RULES AND REGULATIONS OF NYS ICR 56, EPA, OSHA AND OTHER APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS DURING THE ENTIRE PROJECT.
6. CONTRACTOR SHALL ATTEND THE PRE-WORK CONFERENCE AND PROVIDE A DETAILED ABATEMENT WORK PLAN FOR REVIEW.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ON-SITE SAFETY AND SECURITY OF HIS/HER EMPLOYEES DURING ALL HAZARDOUS REMOVAL ACTIVITIES. CONTRACTOR ALSO ASSUMES RESPONSIBILITY FOR PROCEEDING WITH THE WORK IN A MANNER THAT OFFERS THEIR EMPLOYEES A WORKPLACE FREE FROM RECOGNIZED HAZARDS CAUSING SERIOUS HEALTH, HARM OR INJURY.
8. PROVIDE TO THE OWNER'S REPRESENTATIVE ALL WASTE TRANSPORTER PERMITS, WASTE DISPOSAL RECEIPTS AND THE CONTRACTORS POST ABATEMENT REPORT. SEE THE CLOSEOUT SUBMITTAL SECTION IN EACH OF THE ABATEMENT SPEC SECTIONS FOR DETAILS.
9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT LANDFILL DOES ACCEPT ALL OF THE TYPES OF HAZARDOUS MATERIALS WITHIN PROJECTS SCOPE OF WORK.
10. ANY REMOVAL WORK OR ANY OTHER WORK IN THESE AREAS SHALL COMMENCE ONLY AFTER THE HAZARDOUS MATERIAL REMOVAL WORK IS COMPLETED AND ONLY AFTER THE NECESSARY CLEARANCES ARE OBTAINED.
11. UPON COMPLETION OF HAZARDOUS MATERIAL REMOVALS WORK, ANY EXISTING AREAS AND/OR FINISHES THAT HAVE BEEN DAMAGED THAT ARE NOT PART OF THE REMOVAL SCOPES OF WORK (INCLUDES AREAS AND/OR FINISHES AS A RESULT OF ANY TEMPORARY PARTITIONS AND WASTE DECON UNIT ENCLOSURES CONSTRUCTION) SHALL BE RESTORED TO ORIGINAL CONDITIONS BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE. FINISH RESTORATION SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.
12. THE RESULTS OF THE TESTING FOR ACM ARE LISTED IN THE BUILDING ASBESTOS SURVEY REPORT BOUND AT THE END OF SPEC. SECTION 02 82 00.
13. ALL ASBESTOS CONTAINING AND CONTAMINATED MATERIALS SHALL BE DISPOSED OF AS REGULATED ASBESTOS CONTAINING MATERIAL (RACM)



KEY PLAN

CPLteam.com
ARCHITECTURE + ENGINEERING + PLANNING

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REVISIONS NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	PC	JF	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
2	01/07/2021	-	-	ADDENDUM #1
2	03/29/2021	PC	JF	ISSUED FOR BID

ENVIRONMENTAL CONSULTANT

ADELAIDE ENVIRONMENTAL HEALTH ASSOCIATES INC.
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BREWSTER, NY 10509

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FAX. 845.278.7750

CARMEL CENTRAL SCHOOL DISTRICT
81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563

CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
MATTHEW PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	AEHA	JS

SCALE AS SHOWN

SHEET TITLE
ASBESTOS ABATEMENT PLANS

PROJECT NUMBER
70019.00

KE
H100
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Plotted By: Paul Checco
Date last plotted: 3/26/2021 5:47 PM
Date last accessed: 3/26/2021 5:44 PM
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PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES

PERSONAL DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO COMMENCING THE REMAINDER OF THE PHASE II A REGULATED ABATEMENT WORK AREA PREPARATION ACTIVITIES. WASTE DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL AT THE COMPLETION OF PHASE II A PREPARATION ACTIVITIES, AFTER INSTALLATION OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE. ALL ACCESS TO THE REGULATED ABATEMENT WORK AREA SHALL BE VIA THE INSTALLED PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

PERSONAL DECONTAMINATION SYSTEM ENCLOSURE—LARGE PROJECT.

(1) ENCLOSURE—GENERAL. A PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL BE PROVIDED OUTSIDE THE REGULATED ABATEMENT WORK AREA AND ATTACHED TO ALL LOCATIONS WHERE PERSONNEL SHALL ENTER OR EXIT THE REGULATED ABATEMENT WORK AREA. ONE PERSONAL DECONTAMINATION ENCLOSURE SYSTEM FOR EACH REGULATED ABATEMENT WORK AREA SHALL BE REQUIRED. THIS SYSTEM MAY UTILIZE ADEQUATE EXISTING LIGHTING SOURCES SEPARATE FROM THE DECONTAMINATION SYSTEM ENCLOSURE, OR SHALL BE SUPPLIED WITH A GFCI PROTECTED TEMPORARY LIGHTING SYSTEM. THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL BE SIZED TO ACCOMMODATE THE NUMBER OF WORKERS AND EQUIPMENT REQUIRED FOR THE INTENDED PURPOSE. SUCH SYSTEM MAY CONSIST OF EXISTING ATTACHED ROOMS OUTSIDE OF THE REGULATED ABATEMENT WORK AREA, IF THE LAYOUT IS APPROPRIATE, THAT CAN BE PLASTICIZED AND ARE ACCESSIBLE FROM THE REGULATED ABATEMENT WORK AREA. WHEN THIS SITUATION DOES NOT EXIST, PERSONAL DECONTAMINATION ENCLOSURE SYSTEMS MAY BE CONSTRUCTED OF METAL, WOOD OR PLASTIC SUPPORTS COVERED WITH FIRE-RETARDANT PLASTIC SHEETING. A MINIMUM OF ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING SHALL BE INSTALLED ON THE CEILING, AND WALLS OF THE ENCLOSURE SYSTEM, AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THIS AREA. THIS SYSTEM MUST BE KEPT CLEAN, SANITARY AND CLIMATE CONTROLLED AT ALL TIMES IN CONFORMANCE WITH ALL FEDERAL, STATE AND LOCAL GOVERNMENT REQUIREMENTS. THIS SYSTEM SHALL REMAIN ON-SITE, OPERATIONAL AND BE USED UNTIL COMPLETION OF PHASE II C OF THE ASBESTOS PROJECT.

(2) ROOMS AND CONFIGURATION. THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL CONSIST OF A CLEAN ROOM, A SHOWER ROOM AND AN EQUIPMENT ROOM CONNECTED IN SERIES BUT SEPARATED FROM EACH OTHER BY AIRLOCKS. THERE SHALL BE A CURTAINED DOORWAY SEPARATION BETWEEN THE EQUIPMENT ROOM AND THE REGULATED ABATEMENT WORK AREA, AND THERE SHALL BE A LOCKABLE DOOR TO THE OUTSIDE. MINIMUM DIMENSIONS FOR EACH AIRLOCK, SHOWER ROOM AND EQUIPMENT ROOM SHALL BE THREE FEET WIDE BY SIX FEET IN HEIGHT, TO ALLOW FOR ADEQUATE ACCESS TO AND FROM THE REGULATED ABATEMENT WORK AREA.

(3) CURTAINED DOORWAY. AN ASSEMBLY WHICH CONSISTS OF AT LEAST THREE OVERLAPPING SHEETS OF SIX MIL FIRE-RETARDANT PLASTIC OVER AN EXISTING OR TEMPORARILY FRAMED DOORWAY, ONE SHEET SHALL BE SECURED AT THE TOP AND LEFT SIDE, THE SECOND SHEET AT THE TOP AND RIGHT SIDE, AND THE THIRD SHEET AT THE TOP AND LEFT SIDE. ALL SHEETS SHALL HAVE WEIGHTS ATTACHED TO THE BOTTOM TO INSURE THAT THE SHEETS HANG STRAIGHT AND MAINTAIN A SEAL OVER THE DOORWAY WHEN NOT IN USE.

(4) FRAMING. ENCLOSURE SYSTEMS ACCESSIBLE TO THE PUBLIC SHALL BE FULLY FRAMED, HARD-WALL SHEATHED AND UTILIZE A LOCKABLE DOOR FOR SAFETY AND SECURITY.

(5) SHEATHING. A PLYWOOD OR ORIENTED STRAND BOARD (OSB) SHEATHING MATERIAL OF AT LEAST ½ -INCH THICKNESS.

(6) PLASTIC SHEETING. ENCLOSURE SYSTEMS CONSTRUCTED AT THE WORK SITE SHALL USE AT LEAST ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING ON WALLS AND CEILING, AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOOR PROTECTION OF THIS AREA.

(7) PREFABRICATED OR TRAILER UNITS. A COMPLETELY WATERTIGHT FIBERGLASS OR MARINE PAINTED PREFABRICATED UNIT DOES NOT REQUIRE PLASTICIZING. ROOMS SHALL BE CONFIGURED AS PER NYCRR PART 56-7.5. ALL PREFABRICATED OR TRAILER DECONTAMINATION UNITS SHALL BE KEPT IN GOOD CONDITION, AND SHALL BE COMPLETELY DECONTAMINATED AFTER FINAL CLEANING AND IMMEDIATELY PRIOR TO CLEARANCE AIR SAMPLING. UPON RECEIVING SATISFACTORY CLEARANCE AIR RESULTS, THE PREFABRICATED UNITS SHALL BE SEALED THEN SEPARATED FROM THE REGULATED ABATEMENT WORK AREA AND REMOVED FROM THE SITE.

(8) CLEAN ROOM. THE CLEAN ROOM SHALL BE SIZED TO ACCOMMODATE A FULL WORKSHIFT OF ASBESTOS ABATEMENT CONTRACTOR PERSONNEL, AS WELL AS THE AIR SAMPLING TECHNICIAN AND THE PROJECT MONITOR. THE CLEAN ROOM SHALL BE A MINIMUM OF SIX FEET IN HEIGHT, A MINIMUM OF 32 SQUARE FEET OF FLOOR SPACE SHALL BE PROVIDED FOR EVERY SIX FULL SHIFT ABATEMENT WORKERS, CALCULATED ON THE BASIS OF THE LARGEST WORK SHIFT. IF THE LARGEST WORK SHIFT CONSISTS OF THREE OR LESS FULL SHIFT ABATEMENT WORKERS, THE MINIMUM CLEAN ROOM SIZE REQUIREMENT IS REDUCED TO 24 SQUARE FEET OF FLOOR SPACE. BENCHES, LOCKERS AND HOOKS SHALL BE PROVIDED FOR STREET CLOTHES. SHELVES FOR STORING RESPIRATORS SHALL BE PROVIDED. CLEAN CLOTHING, REPLACEMENT FILTERS FOR RESPIRATORS, TOWELS AND OTHER NECESSARY ITEMS SHALL BE PROVIDED. THE CLEAN ROOM SHALL NOT BE USED FOR STORAGE OF TOOLS, EQUIPMENT OR MATERIALS. IT SHALL NOT BE USED FOR OFFICE SPACE. A LOCKABLE DOOR SHALL BE PROVIDED TO PERMIT ACCESS TO THE CLEAN ROOM FROM OUTSIDE THE REGULATED ABATEMENT WORK AREA OR ENCLOSURE AND SHALL BE USED TO SECURE THE REGULATED ABATEMENT WORK AREA AND DECONTAMINATION ENCLOSURE DURING NON-WORK HOURS.

(9) SHOWER ROOM. THE SHOWER ROOM SHALL CONTAIN ONE SHOWER PER EVERY SIX FULL SHIFT ABATEMENT WORKERS, CALCULATED ON THE BASIS OF THE LARGEST WORK SHIFT. MULTIPLE SHOWERS SHALL BE SIMULTANEOUSLY ACCESSIBLE (INSTALLED IN PARALLEL) TO CERTIFIED PERSONNEL. EACH SHOWERHEAD SHALL BE SUPPLIED WITH HOT AND COLD WATER ADJUSTABLE AT THE TAP. THE SHOWER ENCLOSURE SHALL BE CONSTRUCTED TO ENSURE AGAINST LEAKAGE OF ANY KIND. UNCONTAMINATED SOAP, SHAMPOO AND TOWELS SHALL BE AVAILABLE AT ALL TIMES. SHOWER WATER SHALL BE DRAINED, COLLECTED AND FILTERED THROUGH A SYSTEM WITH AT LEAST 5.0-MICRON PARTICLE SIZE COLLECTION CAPABILITY. SUBMERSIBLE PUMPS SHALL BE INSTALLED, MAINTAINED AND UTILIZED IN ACCORDANCE WITH PERTINENT OSHA REGULATIONS AND MANUFACTURER'S RECOMMENDATIONS. A MULTI-STAGE FILTERING SYSTEM CONTAINING A SERIES OF SEVERAL FILTERS WITH PROGRESSIVELY SMALLER PORE SIZES SHALL BE USED TO AVOID RAPID CLOGGING OF THE FILTERING SYSTEM BY LARGER PARTICLES, FILTERED WASTEWATER SHALL BE DISCHARGED IN ACCORDANCE WITH APPLICABLE CODES. CONTAMINATED FILTERS SHALL BE DISPOSED OF AS ASBESTOS-CONTAMINATED WASTE.

(10) EQUIPMENT ROOM. THE EQUIPMENT ROOM SHALL BE USED FOR THE STORAGE OF DECONTAMINATED EQUIPMENT AND TOOLS. A ONE-DAY SUPPLY OF REPLACEMENT FILTERS FOR HEPA-VACUUMS AND NEGATIVE PRESSURE VENTILATION EQUIPMENT IN SEALED CONTAINERS, EXTRA TOOLS, CONTAINERS OF EQUIPMENT THAT MAY BE REQUIRED DURING THE ABATEMENT PROJECT MAY ALSO BE STORED HERE. A CONTAINER LINED WITH A LABELED, AT LEAST SIX MIL PLASTIC BAG FOR COLLECTION OF CLOTHING SHALL BE LOCATED IN THIS ROOM. CONTAMINATED FOOTWEAR AND WORK CLOTHES SHALL BE STORED IN THIS AREA.

(11) AIRLOCKS. AIRLOCK CONSTRUCTION SHALL CONSIST OF TWO CURTAINED DOORWAYS WITH THREE ALTERNATING SIX MIL FIRE-RETARDANT POLYETHYLENE CURTAINS PER DOORWAY, SEPARATED BY A DISTANCE OF AT LEAST THREE FEET, SUCH THAT ONE PASSES THROUGH ONE DOORWAY INTO THE AIRLOCK, ALLOWING THE DOORWAY SHEETING TO OVERLAP AND CLOSE OFF THE OPENING BEFORE PROCEEDING THROUGH THE NEXT DOORWAY. MINIMUM AIRLOCK SIZE SHALL BE THREE FEET WIDE, BY THREE FEET LONG, BY SIX FEET IN HEIGHT.

PERSONAL DECONTAMINATION SYSTEM ENCLOSURE—SMALL PROJECT.

(1) ENCLOSURE REQUIREMENTS. A PERSONAL DECONTAMINATION SYSTEM ENCLOSURE FOR A SMALL ASBESTOS PROJECT SHALL CONSIST OF, AT A MINIMUM, AN EQUIPMENT ROOM, A SHOWER ROOM AND A CLEAN ROOM SEPARATED FROM EACH OTHER AND FROM THE REGULATED ABATEMENT WORK AREA AND OTHER AREAS BY CURTAINED DOORWAYS AS DEFINED IN SECTION 56-2.1 OF NYCRR PART 56. ALL OTHER PROVISIONS FOR PERSONAL DECONTAMINATION SYSTEM FOR A LARGE ASBESTOS PROJECT SHALL APPLY. EQUIPMENT STORAGE, PERSONAL GROSS DECONTAMINATION AND REMOVAL OF CLOTHING SHALL OCCUR IN THE EQUIPMENT ROOM JUST PRIOR TO ENTERING THE SHOWER. THE FULL PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SPECIFIED FOR LARGE ASBESTOS PROJECTS IS RECOMMENDED.

REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

IF A PERSONAL DECONTAMINATION SYSTEM CANNOT BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA, DUE TO AVAILABLE SPACE RESTRICTIONS OR OTHER BUILDING AND FIRE CODE RESTRICTIONS, A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE MAY BE USED FOR LIMITED SPECIAL PROJECTS AS PER SUBPART 56-11 OF NYCRR PART 56. NEGATIVE PRESSURE TENT ENCLOSURE WORK AREAS WITH GLOVEBAG ONLY ABATEMENT, OR IF NON-FRIABLE ACM IS BEING REMOVED IN A MANNER WHICH WILL NOT RENDER THE ACM FRIABLE, IF IT IS FOUND DURING PHASE II B, THAT THE NON-FRIABLE ACM OR ASBESTOS MATERIAL WILL BECOME FRIABLE DURING THE REMOVAL PROCESS, AND IT IS LOGISTICALLY POSSIBLE TO ATTACH THE DECONTAMINATION SYSTEM ENCLOSURE, ABATEMENT WORK MUST STOP IMMEDIATELY WHILE THE REMOTE PERSONAL DECONTAMINATION SYSTEM IS RELOCATED TO BE ATTACHED AND CONTIGUOUS TO THE REGULATED ABATEMENT WORK AREA. THE FOLLOWING REQUIREMENTS APPLY FOR ALL REMOTE PERSONAL DECONTAMINATION SYSTEMS:

(1) PROTECTIVE CLOTHING. WORKERS SHALL DON TWO SETS OF DISPOSABLE PROTECTIVE CLOTHING AND A SUPPLY OF PROTECTIVE CLOTHING SHALL BE KEPT IN THE AIRLOCKS ATTACHED TO THE REGULATED ABATEMENT WORK AREA.

(2) LOCATION. THE REMOTE PERSONAL DECONTAMINATION SYSTEM SHALL BE CONSTRUCTED AS CLOSE TO THE REGULATED ABATEMENT WORK AREA AS PHYSICALLY POSSIBLE. IF THE REMOTE PERSONAL DECONTAMINATION SYSTEM MUST BE LOCATED AT THE EXTERIOR OF THE BUILDING/STRUCTURE DUE TO SPACE OR CODE RESTRICTIONS, IT SHALL BE CONSTRUCTED WITHIN 50 FEET OF THE BUILDING/STRUCTURE EXIT USED FOR ACCESS BY THE ASBESTOS ABATEMENT CONTRACTOR PERSONNEL. THE DECONTAMINATION UNIT SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET TO SEPARATE IT FROM PUBLIC AREAS.

(3) AIRLOCKS. AT A MINIMUM, TWO EXTRA AIRLOCKS AS DEFINED IN SECTION 56-2.1 OF NYCRR PART 56 SHALL BE CONSTRUCTED AS PER PARAGRAPH (B)(11) OF SECTION 56-7.5. ONE SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE EQUIPMENT ROOM OR EQUIPMENT/WASHROOM, THE OTHER EXTRA AIRLOCK SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE CONTAINMENT OR REGULATED ABATEMENT WORK AREA(S). THESE AIRLOCKS SHALL HAVE LOCKABLE DOORWAYS AT THE ENTRANCE TO THE AIRLOCK FROM UNCONTAMINATED AREAS. THESE AIRLOCKS SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET AND APPROPRIATELY SIGNED IN ACCORDANCE WITH SECTION 56-7.4(C) OF NYCRR PART 56. AIRLOCKS SHALL NOT BE USED AS A WASTE DECONTAMINATION AREA AND SHALL BE KEPT CLEAN AND FREE OF ASBESTOS CONTAINING MATERIAL.

(4) DESIGNATED PATHWAY. THE WALKWAY FROM THE REGULATED ABATEMENT WORK AREA TO THE PERSONAL DECONTAMINATION SYSTEM OR NEXT REGULATED ABATEMENT WORK AREA SHALL BE CORDONED OFF AND SIGNAGE INSTALLED AS PER SECTION 56-7.4(C) OF NYCRR PART 56, TO DELINEATE IT FROM PUBLIC AREAS WHILE IN USE DURING PHASES II A THROUGH II D.

(5) TRAVEL THROUGH UNCONTAMINATED AREAS. IF AT ANY TIME A WORKER MUST TRAVEL THROUGH AN UNCONTAMINATED AREA TO ACCESS THE PERSONAL DECONTAMINATION AREA, THE WORKER SHALL HEPA-VACUUM AND/OR WET WIPE HIS/HER OUTER PROTECTIVE CLOTHING WHILE IN THE REGULATED ABATEMENT WORK AREA. THEN PROCEED INTO THE AIRLOCK, WHICH SERVES AS A CHANGING AREA, WHERE HE/SHE SHALL REMOVE THE OUTER CLOTHING AND DON A CLEAN SET OF PROTECTIVE CLOTHING. THE WORKER MAY THEN PROCEED TO THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE ONLY ALONG A DESIGNATED PATHWAY AS DESCRIBED ABOVE. TRAVEL IN ANY OTHER AREA SHALL NOT BE ALLOWED.

(6) REMOVAL. THE REMOTE PERSONAL DECONTAMINATION UNIT SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED.

WASTE DECONTAMINATION SYSTEM ENCLOSURE—LARGE AND SMALL ASBESTOS PROJECTS.

(1) ENCLOSURE—GENERAL. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE PROVIDED OUTSIDE THE REGULATED ABATEMENT WORK AREA AND SHALL BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA. ONE WASTE DECONTAMINATION ENCLOSURE FOR EACH REGULATED ABATEMENT WORK AREA SHALL BE REQUIRED. THIS SYSTEM MAY UTILIZE ADEQUATE EXISTING LIGHTING SOURCES SEPARATE FROM THE DECONTAMINATION SYSTEM ENCLOSURE, OR SHALL BE SUPPLIED WITH A GFCI PROTECTED TEMPORARY LIGHTING SYSTEM. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE SIZED TO ACCOMMODATE THE NUMBER OF WORKERS AND EQUIPMENT FOR THE INTENDED PURPOSE. SUCH SYSTEM MAY CONSIST OF EXISTING ATTACHED ROOMS OUTSIDE OF THE REGULATED ABATEMENT WORK AREA, IF THE LAYOUT IS APPROPRIATE, THAT CAN BE PLASTICIZED AND ARE ACCESSIBLE FROM THE REGULATED ABATEMENT WORK AREA. WHEN THIS SITUATION DOES NOT EXIST, ENCLOSURE SYSTEMS MAY BE CONSTRUCTED OF METAL, WOOD OR PLASTIC SUPPORTS COVERED WITH FIRE-RETARDANT PLASTIC SHEETING. A MINIMUM OF ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING SHALL BE INSTALLED ON THE CEILING, AND WALLS OF THE ENCLOSURE SYSTEM, AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THIS AREA. THIS SYSTEM MUST BE KEPT CLEAN, SANITARY AND CLIMATE CONTROLLED AT ALL TIMES IN CONFORMANCE TO ALL FEDERAL, STATE AND LOCAL GOVERNMENT REQUIREMENTS. THIS SYSTEM SHALL REMAIN AND BE USED UNTIL COMPLETION OF PHASE II C OF THE ASBESTOS PROJECT.

(2) ROOMS AND CONFIGURATION. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL CONSIST OF A WASHROOM AND A HOLDING AREA CONNECTED IN SERIES BUT SEPARATED FROM EACH OTHER BY AN AIRLOCK. THERE SHALL BE A LOCKABLE DOOR TO THE OUTSIDE, AND THERE SHALL BE A CURTAINED DOORWAY BETWEEN THE WASHROOM AND THE REGULATED ABATEMENT WORK AREA.

(3) CURTAINED DOORWAY. AN ASSEMBLY WHICH CONSISTS OF AT LEAST THREE OVERLAPPING SHEETS OF SIX MIL FIRE-RETARDANT PLASTIC OVER AN EXISTING OR TEMPORARILY FRAMED DOORWAY, ONE SHEET SHALL BE SECURED AT THE TOP AND LEFT SIDE, THE SECOND SHEET AT THE TOP AND RIGHT SIDE, AND THE THIRD SHEET AT THE TOP AND LEFT SIDE. ALL SHEETS SHALL HAVE WEIGHTS ATTACHED TO THE BOTTOM TO INSURE THAT THE SHEETS HANG STRAIGHT AND MAINTAIN A SEAL OVER THE DOORWAY WHEN NOT IN USE.

(4) WASHROOM. A ROOM/CHAMBER BETWEEN THE REGULATED ABATEMENT WORK AREA AND THE HOLDING AREA IN THE WASTE DECONTAMINATION SYSTEM ENCLOSURE, WHERE EQUIPMENT AND WASTE CONTAINERS ARE WET CLEANED OR HEPA-VACUUMED. ADEQUATE DRAINAGE AND BAG/CONTAINER WASH WATER SHALL BE PROVIDED WITHIN THE ROOM/CHAMBER, AS WELL AS A SUFFICIENT QUANTITY OF CLEAN WASTE BAGS/CONTAINERS.

(5) EQUIPMENT/WASHROOM ALTERNATIVE. WHERE THERE IS ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE HOLDING AREA OF THE WASTE DECONTAMINATION SYSTEM ENCLOSURE MAY BRANCH OFF FROM THE EQUIPMENT ROOM OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE, THE EQUIPMENT ROOM WILL ALSO BE USED AS A WASTE WASHROOM.

(6) PLASTIC SHEETING. WASTE DECONTAMINATION SYSTEM ENCLOSURES CONSTRUCTED AT THE WORK SITE SHALL USE AT LEAST ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING ON WALLS AND CEILING, AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THESE AREAS.

(7) ENCLOSURE SECURITY. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE AND REGULATED ABATEMENT WORK AREA AIRLOCK(S) (WHEN REMOTE DECONTAMINATION SYSTEMS ARE USED) SHALL BE CONSTRUCTED WITH LOCKABLE DOORS TO PREVENT UNAUTHORIZED ENTRY. ENCLOSURE SYSTEMS LOCATED WITHIN 25 FEET OF AN AREA OF PUBLIC ACCESS SHALL BE FULLY FRAMED AND HARD-WALL SHEATHED FOR SAFETY.

(8) DRAINS. THE WASTE WASHROOM SHALL BE EQUIPPED WITH A WASH BIN OF SUFFICIENT SIZE TO PERFORM WASTE CONTAINER WASHING OPERATIONS AND SHALL HAVE A SUBMERSIBLE PUMP INSTALLED TO COLLECT WASTE WATER AND DELIVER IT TO THE SHOWER WASTEWATER FILTRATION SYSTEM WHERE IT SHALL BE FILTERED IN ACCORDANCE WITH PARAGRAPH (B)(9) OF NYCRR PART 56-7.5.

(9) SHOWER/WASHROOM ALTERNATIVE — SMALL ASBESTOS PROJECT. FOR SMALL ASBESTOS PROJECTS WITH ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE SHOWER ROOM MAY BE USED AS A WASTE WASHROOM. THE CLEAN ROOM SHALL NOT BE USED FOR WASTE STORAGE, BUT SHALL BE USED FOR WASTE TRANSFER TO CARTS, WHICH SHALL BE IMMEDIATELY REMOVED FROM THE ENCLOSURE. WASTE SHALL BE TRANSFERRED ONLY DURING TIMES WHEN THE SHOWERS ARE NOT IN USE.

WASTE DECONTAMINATION SYSTEM ENCLOSURE — WHEN REMOTE PERSONAL IS ALLOWED.

WHEN A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE IS ALLOWED AND UTILIZED FOR A REGULATED ABATEMENT WORK AREA, THE FOLLOWING REQUIREMENTS SHALL APPLY:

(1) MINOR SIZE REGULATED ABATEMENT WORK AREA. NO SPECIFIC WASTE DECONTAMINATION SYSTEM ENCLOSURE IS REQUIRED FOR MINOR SIZE REGULATED ABATEMENT WORK AREAS. THE WASTE GENERATED SHALL BE IMMEDIATELY BAGGED/CONTAINERIZED WITHIN THE REGULATED ABATEMENT WORK AREA.

(2 SMALL AND LARGE SIZE REGULATED ABATEMENT WORK AREAS.

(I) WASHROOM. AN ADDITIONAL CHAMBER SHALL BE CONSTRUCTED WITHIN THE REGULATED ABATEMENT WORK AREA, ATTACHED TO THE EXISTING AIRLOCK USED TO ACCESS THE WORK AREA. THE WASHROOM/AIRLOCK COMBINATION SHALL BE UTILIZED AS THE CONTIGUOUS WASTE DECONTAMINATION ENCLOSURE FOR WASTE BAGGING/CONTAINERIZATION AND WASTE TRANSFER ACTIVITIES. THE WASHROOM SHALL BE CONSTRUCTED AND SUPPLIED WITH EQUIPMENT/MATERIALS CONSISTENT WITH WASTE DECONTAMINATION SYSTEM ENCLOSURE WASHROOM REQUIREMENTS FOR CONTIGUOUS PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES.

(II) REMOVAL. THE WASHROOM CHAMBER SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED.

TENT PROCEDURES

TENT PROCEDURES SHALL BE CONDUCTED AS FOLLOWS:

(A) TENT PROCEDURES SHALL BE LIMITED TO THE REMOVAL OF LESS THAN 260 LINEAR FEET AND 160 SQUARE FEET OF ACM AND SHALL NOT RESULT IN DISTURBANCE OF ACM DURING TENT ERECTION.

(B) TENT PROCEDURES SHALL BE ACCOMPLISHED IN A CONSTRUCTED OR COMMERCIALLY AVAILABLE FIRE RETARDANT PLASTIC TENT, PLASTICIZING AND SEALING ALL SURFACES NOT BEING ABATED WITHIN THE TENT PERIPHERY FORMING AN ENCLOSURE. THE TENT SHALL BE OF FIRE RETARDANT 6-MIL PLASTIC AT A MINIMUM, WITH SEAMS HEAT-SEALED, OR DOUBLE-FOLDED, STAPLED AND TAPED AIRTIGHT AND THEN TAPED FLUSH WITH THE ADJACENT TENT WALL. THIS IS A SINGLE USE BARRIER THAT SHALL NOT BE REUSED ONCE DISMANTLED OR COLLAPSED.

(C) THERE SHALL BE AN AIRLOCK AT THE ENTRANCE TO THE TENT, UNLESS THERE IS AN ATTACHED WORKER OR WASTE DECONTAMINATION SYSTEM.

(D) ASBESTOS HANDLERS INVOLVED IN THE TENT PROCEDURE SHALL WEAR PERSONAL PROTECTIVE EQUIPMENT PLUS A SECOND DISPOSABLE SUIT, ALL STREET CLOTHES SHALL BE REMOVED AND STORED IN A CLEAN ROOM WITHIN THE WORK SITE. THE PERSONAL PROTECTIVE EQUIPMENT WITH TWO DISPOSABLE SUITS SHALL BE USED FOR INSTALLATION OF THE TENT AND THROUGHOUT THE PROCEDURE IF A DECONTAMINATION UNIT WITH A SHOWER IS NOT CONTIGUOUS TO THE WORK AREA. IF A DECONTAMINATION UNIT (WITH SHOWER AND CLEAN ROOM AT A MINIMUM) IS CONTIGUOUS TO THE WORK AREA, ONLY ONE DISPOSABLE SUIT SHALL BE REQUIRED; IN THIS CASE, PRIOR TO EXITING THE TENT THE WORKER SHALL HEPA VACUUM AND WET CLEAN THE DISPOSABLE SUIT.

(E) THE TENT SHALL BE ATTACHED TO THE SURFACE TO PRODUCE AN AIRTIGHT SEAL EXCEPT FOR AN APPROPRIATE SECTION TO ALLOW FOR MAKE-UP AIR INTO THE TENT.

(F) NEGATIVE PRESSURE VENTILATION EQUIPMENT SHALL BE USED TO CONTINUOUSLY EXHAUST THE ENCLOSED AREA.

(G) REMOVAL OF ACM SHALL BE BY WET METHODS IN ACCORDANCE.

(H) ACM REMOVED SHALL BE PLACED IN A LEAK-TIGHT CONTAINER WITHOUT DROPPING IT.

(I) UPON COMPLETION OF ABATEMENT, AND PRIOR TO TENT COLLAPSE, THE ENCLOSED SURFACES SHALL:

(1) BE WET CLEANED USING RAGS, MOPS OR SPONGES; AND

(2) BE PERMITTED SUFFICIENT TIME TO DRY, PRIOR TO HEPA VACUUMING ALL SUBSTRATES; AND

(3) BE LIGHTLY ENCAPSULATED TO LOCKDOWN RESIDUAL ASBESTOS.

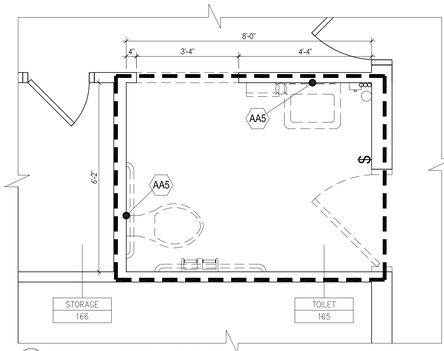
(J) UPON BARRIER DISTURBANCE, LOSS OF ENGINEERING CONTROLS, OR TERMINATION OF TENT USAGE, THE TENT AND THE ENCLOSED SURFACES SHALL BE TREATED ACCORDING TO SUBDIVISION (I) ABOVE.

(K) THE BAGGED WASTE SHALL BE WET CLEANED OR HEPA VACUUMED AND THEN TRANSFERRED OUTSIDE THE TENT, DOUBLE BAGGED, AND APPROPRIATELY HANDLED PRIOR TO DISPOSAL.

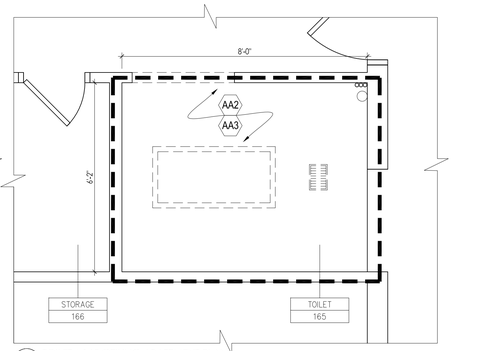
(L) THE OUTER DISPOSABLE SUIT (IF 2 SUITS ARE WORN) SHALL BE HEPA VACUUMED IN THE TENT PRIOR TO EXITING. THE OUTER DISPOSABLE SUIT SHALL BE REMOVED IN THE AIRLOCK AND A CLEAN SUIT SHALL BE WORN OVER THE INNER SUIT. THE WORKERS SHALL IMMEDIATELY PROCEED TO A SHOWER AT THE WORK SITE. THE INNER DISPOSABLE SUIT AND RESPIRATOR SHALL BE REMOVED IN THE SHOWER AFTER APPROPRIATE WETTING. THE DISPOSABLE CLOTHING SHALL BE DISPOSED OF AS ASBESTOS-CONTAINING WASTE MATERIAL. THE WORKERS SHALL THEN FULLY AND VIGOROUSLY SHOWER WITH SUPPLIED LIQUID BATH SOAP, SHAMPOO, AND CLEAN DRY TOWELS.

(M) THE NEGATIVE PRESSURE VENTILATION EQUIPMENT SHALL BE USED TO FILTER A MINIMUM OF 4 VOLUME CHANGES THROUGH THE TENT AFTER COMPLETION OF ABATEMENT BUT PRIOR TO COLLAPSE OF THE TENT/BARRIER. ALL REQUIRED AIR MONITORING MUST BE SUCCESSFULLY COMPLETED BEFORE THE TENT/BARRIER IS COLLAPSED.

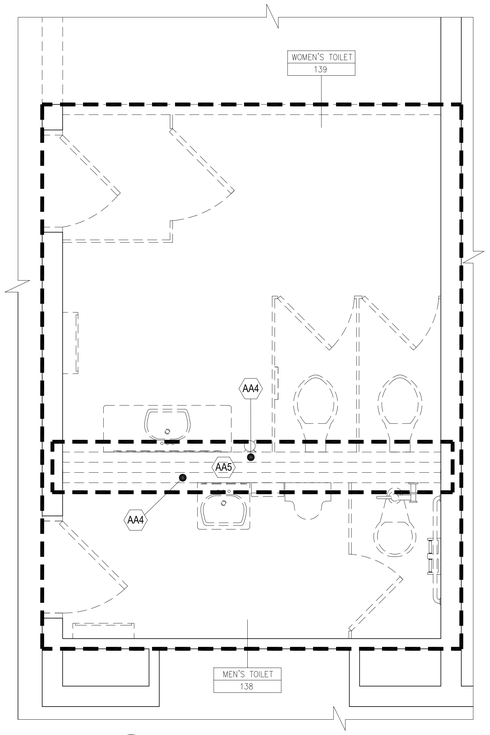
(N) THE TENT SHALL BE COLLAPSED INWARD, ENCLOSING THE CONTAMINATED CLOTHING. THIS CONTAMINATED MATERIAL SHALL BE DISPOSED OF IN ANOTHER PLASTIC BAG. THE HEPA VACUUM SHALL BE DECONTAMINATED AND SEALED.



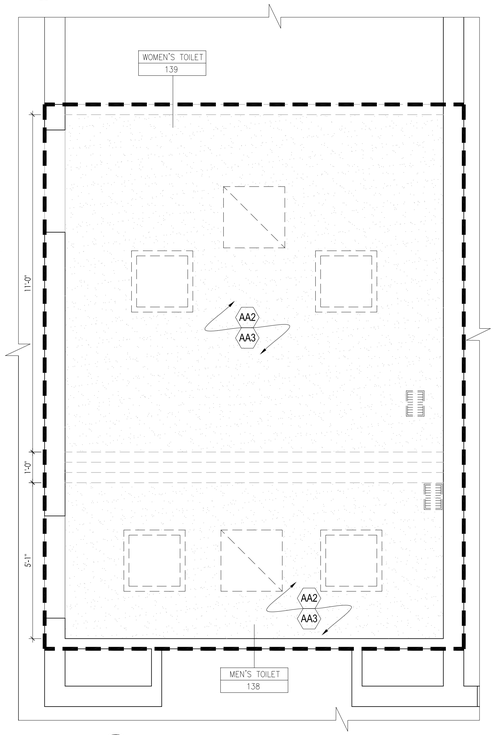
1 TOILET #165 ASBESTOS ABATEMENT PLAN
SCALE: 1/2"=1'-0"



2 TOILET #165 CEILING ABATEMENT PLAN
SCALE: 1/2"=1'-0"



3 TOILET ROOMS #138 & #139 ASBESTOS ABATEMENT PLAN
SCALE: 1/2"=1'-0"



4 TOILET ROOMS #138 & #139 CEILING ABATEMENT PLAN
SCALE: 1/2"=1'-0"

ASBESTOS ABATEMENT KEYNOTES

		QTY.
AA1	REMOVE AND DISPOSE OF FLOOR TILE	20 SQ. FT.
AA2	REMOVE EXISTING CEILINGS AS ASBESTOS CONTAINING MATERIAL. PACM EXISTS ABOVE CEILING AND CONDITION IS UNKNOWN. ALL CEILING SUSPENSION COMPONENTS, LIGHTS, REGISTERS AND THE LIKE SHALL BE DECONTAMINATED PRIOR TO DISPOSAL.	260 SQ. FT.
AA3	REMOVE PACM THERMAL SYSTEMS INSULATION ON PIPING ABOVE CEILING.	35 LIN. FT.
AA4	REMOVE EXISTING CHASE WALLS AS ASBESTOS CONTAINING MATERIAL. PACM EXISTS BEHIND WALLS. POTENTIAL FOR DISTURBANCE EXISTS DURING DEMOLITION AND CONDITION IS UNKNOWN. ALL WALL MATERIALS SHALL BE REMOVED AND DISPOSED OF AS ASBESTOS CONTAINING MATERIAL	250 SQ. FT.
AA5	REMOVE PACM THERMAL SYSTEMS INSULATION ON PIPING BEHIND WALLS.	24 LIN. FT.

GENERAL ABATEMENT NOTES:

1. SPECIFICATION SECTION 02 82 00 AND THE ABATEMENT LEGEND LIST APPROXIMATE QUANTITIES FOR REMOVAL, BUT THE CONTRACTOR IS ALONE RESPONSIBLE FOR DETERMINING THE ACTUAL ABATEMENT QUANTITIES OF ACM INCLUDING, SIZES, LENGTHS, SQUARE FOOTAGES AND CONFIGURATIONS.
2. THIS FACILITY WILL BE OCCUPIED DURING CONSTRUCTION WORK.
3. SHUT DOWN AND ISOLATE EXISTING MECHANICAL EQUIPMENT SYSTEMS TO PREVENT CONTAMINATION AND DISPERSAL TO OTHER AREAS IN THE BUILDING. COORDINATE WITH THE OWNER'S REPRESENTATIVE.
4. ANY CRITICAL ELECTRICAL RUNS THROUGH THE WORK AREA SHALL REMAIN ACTIVE DURING THE ENTIRE ABATEMENT PROCESS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REQUIRED VARIANCES REQUIRED TO MAINTAIN CRITICAL ELECTRICAL RUNS.
5. ALL SCHEDULED ABATEMENT WORK SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE. FOLLOW ALL RULES AND REGULATIONS OF NYS ICR 56, EPA, OSH

PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES

PERSONAL DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO COMMENCING THE REMAINDER OF THE PHASE II A REGULATED ABATEMENT WORK AREA PREPARATION ACTIVITIES. WASTE DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL AT THE COMPLETION OF PHASE II A PREPARATION ACTIVITIES, AFTER INSTALLATION OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE. ALL ACCESS TO THE REGULATED ABATEMENT WORK AREA SHALL BE VIA THE INSTALLED PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

PERSONAL DECONTAMINATION SYSTEM ENCLOSURE—LARGE PROJECT.

(1) ENCLOSURE—GENERAL. A PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL BE PROVIDED OUTSIDE THE REGULATED ABATEMENT WORK AREA AND ATTACHED TO ALL LOCATIONS WHERE PERSONNEL SHALL ENTER OR EXIT THE REGULATED ABATEMENT WORK AREA. ONE PERSONAL DECONTAMINATION ENCLOSURE SYSTEM FOR EACH REGULATED ABATEMENT WORK AREA SHALL BE REQUIRED. THIS SYSTEM MAY UTILIZE ADEQUATE EXISTING LIGHTING SOURCES SEPARATE FROM THE DECONTAMINATION SYSTEM ENCLOSURE, OR SHALL BE SUPPLIED WITH A GFCI PROTECTED TEMPORARY LIGHTING SYSTEM. THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL BE SIZED TO ACCOMMODATE THE NUMBER OF WORKERS AND EQUIPMENT REQUIRED FOR THE INTENDED PURPOSE. SUCH SYSTEM MAY CONSIST OF EXISTING ATTACHED ROOMS OUTSIDE OF THE REGULATED ABATEMENT WORK AREA, IF THE LAYOUT IS APPROPRIATE, THAT CAN BE PLASTICIZED AND ARE ACCESSIBLE FROM THE REGULATED ABATEMENT WORK AREA, WHEN THIS SITUATION DOES NOT EXIST, PERSONAL DECONTAMINATION ENCLOSURE SYSTEMS MAY BE CONSTRUCTED OF METAL, WOOD OR PLASTIC SUPPORTS COVERED WITH FIRE-RETARDANT PLASTIC SHEETING. A MINIMUM OF ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING SHALL BE INSTALLED ON THE CEILING, AND WALLS OF THE ENCLOSURE SYSTEM. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THIS AREA. THIS SYSTEM MUST BE KEPT CLEAN, SANITARY AND CLIMATE CONTROLLED AT ALL TIMES IN CONFORMANCE WITH ALL FEDERAL, STATE AND LOCAL GOVERNMENT REQUIREMENTS. THIS SYSTEM SHALL REMAIN ON-SITE, OPERATIONAL AND BE USED UNTIL COMPLETION OF PHASE II C OF THE ASBESTOS PROJECT.

(2) ROOMS AND CONFIGURATION. THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL CONSIST OF A CLEAN ROOM, A SHOWER ROOM AND AN EQUIPMENT ROOM CONNECTED IN SERIES BUT SEPARATED FROM EACH OTHER BY AIRLOCKS. THERE SHALL BE A CURTAINED DOORWAY SEPARATION BETWEEN THE EQUIPMENT ROOM AND THE REGULATED ABATEMENT WORK AREA, AND THERE SHALL BE A LOCKABLE DOOR TO THE OUTSIDE. MINIMUM DIMENSIONS FOR EACH AIRLOCK, SHOWER ROOM AND EQUIPMENT ROOM SHALL BE THREE FEET WIDE BY SIX FEET IN HEIGHT, TO ALLOW FOR ADEQUATE ACCESS TO AND FROM THE REGULATED ABATEMENT WORK AREA.

(3) CURTAINED DOORWAY. AN ASSEMBLY WHICH CONSISTS OF AT LEAST THREE OVERLAPPING SHEETS OF SIX MIL FIRE-RETARDANT PLASTIC OVER AN EXISTING OR TEMPORARILY FRAMED DOORWAY. ONE SHEET SHALL BE SECURED AT THE TOP AND LEFT SIDE, THE SECOND SHEET AT THE TOP AND RIGHT SIDE, AND THE THIRD SHEET AT THE TOP AND LEFT SIDE. ALL SHEETS SHALL HAVE WEIGHTS ATTACHED TO THE BOTTOM TO INSURE THAT THE SHEETS HANG STRAIGHT AND MAINTAIN A SEAL OVER THE DOORWAY WHEN NOT IN USE.

(4) FRAMING. ENCLOSURE SYSTEMS ACCESSIBLE TO THE PUBLIC SHALL BE FULLY FRAMED, HARD-WALL SHEATHED AND UTILIZE A LOCKABLE DOOR FOR SAFETY AND SECURITY.

(5) SHEATHING. A PLYWOOD OR ORIENTED STRAND BOARD (OSB) SHEATHING MATERIAL OF AT LEAST ¾ -INCH THICKNESS.

(6) PLASTIC SHEETING. ENCLOSURE SYSTEMS CONSTRUCTED AT THE WORK SITE SHALL USE AT LEAST ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING ON WALLS AND CEILING, AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOOR PROTECTION OF THIS AREA.

(7) PREFABRICATED OR TRAILER UNITS. A COMPLETELY WATERTIGHT FIBERGLASS OR MARINE PAINTED PREFABRICATED UNIT DOES NOT REQUIRE PLASTICIZING, ROOMS SHALL BE CONFIGURED AS PER NYCRR PART 56-7.5, ALL PREFABRICATED OR TRAILER DECONTAMINATION UNITS SHALL BE KEPT IN GOOD CONDITION, AND SHALL BE COMPLETELY DECONTAMINATED AFTER FINAL CLEANING AND IMMEDIATELY PRIOR TO CLEARANCE AIR SAMPLING. UPON RECEIVING SATISFACTORY CLEARANCE AIR RESULTS, THE PREFABRICATED UNITS SHALL BE SEALED THEN SEPARATED FROM THE REGULATED ABATEMENT WORK AREA AND REMOVED FROM THE SITE.

(8) CLEAN ROOM. THE CLEAN ROOM SHALL BE SIZED TO ACCOMMODATE A FULL WORKSHIFT OF ASBESTOS ABATEMENT CONTRACTOR PERSONNEL AS WELL AS THE AIR SAMPLING TECHNICIAN AND THE PROJECT MONITOR. THE CLEAN ROOM SHALL BE A MINIMUM OF SIX FEET IN HEIGHT, A MINIMUM OF 32 SQUARE FEET OF FLOOR SPACE SHALL BE PROVIDED FOR EVERY SIX FULL SHIFT ABATEMENT WORKERS, CALCULATED ON THE BASIS OF THE LARGEST WORK SHIFT. IF THE LARGEST WORK SHIFT CONSISTS OF THREE OR LESS FULL SHIFT ABATEMENT WORKERS, THE MINIMUM CLEAN ROOM SIZE REQUIREMENT IS REDUCED TO 24 SQUARE FEET OF FLOOR SPACE. BENCHES, LOCKERS AND HOOKS SHALL BE PROVIDED FOR STREET CLOTHES. SHELVES FOR STORING RESPIRATORS SHALL BE PROVIDED. CLEAN CLOTHING, REPLACEMENT FILTERS FOR RESPIRATORS, TOWELS AND OTHER NECESSARY ITEMS SHALL BE PROVIDED. THE CLEAN ROOM SHALL NOT BE USED FOR STORAGE OF TOOLS, EQUIPMENT OR MATERIALS. IT SHALL NOT BE USED FOR OFFICE SPACE. A LOCKABLE DOOR SHALL BE PROVIDED TO PERMIT ACCESS TO THE CLEAN ROOM FROM OUTSIDE THE REGULATED ABATEMENT WORK AREA OR ENCLOSURE AND SHALL BE USED TO SECURE THE REGULATED ABATEMENT WORK AREA AND DECONTAMINATION ENCLOSURE DURING NON-WORK HOURS.

(9) SHOWER ROOM. THE SHOWER ROOM SHALL CONTAIN ONE SHOWER PER EVERY SIX FULL SHIFT ABATEMENT WORKERS, CALCULATED ON THE BASIS OF THE LARGEST WORK SHIFT. MULTIPLE SHOWERS SHALL BE SIMULTANEOUSLY ACCESSIBLE (INSTALLED IN PARALLEL) TO CERTIFIED PERSONNEL. EACH SHOWERHEAD SHALL BE SUPPLIED WITH HOT AND COLD WATER ADJUSTABLE AT THE TAP. THE SHOWER ENCLOSURE SHALL BE CONSTRUCTED TO ENSURE AGAINST LEAKAGE OF ANY KIND. UNCONTAMINATED SOAP, SHAMPOO AND TOWELS SHALL BE AVAILABLE AT ALL TIMES. SHOWER WATER SHALL BE DRAINED, COLLECTED AND FILTERED THROUGH A SYSTEM WITH AT LEAST 5.0-MICRON PARTICLE SIZE COLLECTION CAPABILITY. SUBMERSIBLE PUMPS SHALL BE INSTALLED, MAINTAINED AND UTILIZED IN ACCORDANCE WITH PERTINENT OSHA REGULATIONS AND MANUFACTURER'S RECOMMENDATIONS. A MULTI-STAGE FILTERING SYSTEM CONTAINING A SERIES OF SEVERAL FILTERS WITH PROGRESSIVELY SMALLER PORE SIZES SHALL BE USED TO AVOID RAPID CLOGGING OF THE FILTERING SYSTEM BY LARGER PARTICLES. FILTERED WASTEWATER SHALL BE DISCHARGED IN ACCORDANCE WITH APPLICABLE CODES. CONTAMINATED FILTERS SHALL BE DISPOSED OF AS ASBESTOS-CONTAMINATED WASTE.

(10) EQUIPMENT ROOM. THE EQUIPMENT ROOM SHALL BE USED FOR THE STORAGE OF DECONTAMINATED EQUIPMENT AND TOOLS. A ONE-DAY SUPPLY OF REPLACEMENT FILTERS FOR HEPA-VACUUMS AND NEGATIVE PRESSURE VENTILATION EQUIPMENT IN SEALED CONTAINERS, EXTRA TOOLS, CONTAINERS OF SURFACTANT AND OTHER MATERIALS AND EQUIPMENT THAT MAY BE REQUIRED DURING THE ABATEMENT PROJECT MAY ALSO BE STORED HERE. A CONTAINER LINED WITH A LABELED, AT LEAST SIX MIL PLASTIC BAG FOR COLLECTION OF CLOTHING SHALL BE LOCATED IN THIS ROOM. CONTAMINATED FOOTWEAR AND WORK CLOTHES SHALL BE STORED IN THIS AREA.

(11) AIRLOCKS. AIRLOCK CONSTRUCTION SHALL CONSIST OF TWO CURTAINED DOORWAYS WITH THREE ALTERNATING SIX MIL FIRE-RETARDANT POLYETHYLENE CURTAINS PER DOORWAY, SEPARATED BY A DISTANCE OF AT LEAST THREE FEET, SUCH THAT ONE PASSES THROUGH ONE DOORWAY INTO THE AIRLOCK, ALLOWING THE DOORWAY SHEETING TO OVERLAP AND CLOSE OFF THE OPENING BEFORE PROCEEDING THROUGH THE NEXT DOORWAY. MINIMUM AIRLOCK SIZE SHALL BE THREE FEET WIDE, BY THREE FEET LONG, BY SIX FEET IN HEIGHT.

PERSONAL DECONTAMINATION SYSTEM ENCLOSURE—SMALL PROJECT.

(1) ENCLOSURE REQUIREMENTS. A PERSONAL DECONTAMINATION SYSTEM ENCLOSURE FOR A SMALL ASBESTOS PROJECT SHALL CONSIST OF, AT A MINIMUM, AN EQUIPMENT ROOM, A SHOWER ROOM AND A CLEAN ROOM SEPARATED FROM EACH OTHER AND FROM THE REGULATED ABATEMENT WORK AREA AND OTHER AREAS BY CURTAINED DOORWAYS AS DEFINED IN SECTION 56-2.1 OF NYCRR PART 56. ALL OTHER PROVISIONS FOR PERSONAL DECONTAMINATION SYSTEM FOR A LARGE ASBESTOS PROJECT SHALL APPLY. EQUIPMENT STORAGE, PERSONAL GROSS DECONTAMINATION AND REMOVAL OF CLOTHING SHALL OCCUR IN THE EQUIPMENT ROOM JUST PRIOR TO ENTERING THE SHOWER. THE FULL PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SPECIFIED FOR LARGE ASBESTOS PROJECTS IS RECOMMENDED.

REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

IF A PERSONAL DECONTAMINATION SYSTEM CANNOT BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA, DUE TO AVAILABLE SPACE RESTRICTIONS OR OTHER BUILDING AND FIRE CODE RESTRICTIONS, A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE MAY BE USED FOR LIMITED SPECIAL PROJECTS AS PER SUBPART 56-11 OF NYCRR PART 56, NEGATIVE PRESSURE TENT ENCLOSURE WORK AREAS WITH GLOVEBAG ONLY ABATEMENT, OR IF NON-FRIABLE ACM IS BEING REMOVED IN A MANNER WHICH WILL NOT RENDER THE ACM FRIABLE. IF IT IS FOUND DURING PHASE II B, THAT THE NON-FRIABLE ACM OR ASBESTOS MATERIAL WILL BECOME FRIABLE DURING THE REMOVAL PROCESS, AND IT IS LOGISTICALLY POSSIBLE TO ATTACH THE DECONTAMINATION SYSTEM ENCLOSURE, ABATEMENT WORK MUST STOP IMMEDIATELY WHILE THE REMOTE PERSONAL DECONTAMINATION SYSTEM IS RELOCATED TO BE ATTACHED AND CONTIGUOUS TO THE REGULATED ABATEMENT WORK AREA. THE FOLLOWING REQUIREMENTS APPLY FOR ALL REMOTE PERSONAL DECONTAMINATION SYSTEMS:

(1) PROTECTIVE CLOTHING. WORKERS SHALL DON TWO SETS OF DISPOSABLE PROTECTIVE CLOTHING AND A SUPPLY OF PROTECTIVE CLOTHING SHALL BE KEPT IN THE AIRLOCKS ATTACHED TO THE REGULATED ABATEMENT WORK AREA.

(2) LOCATION. THE REMOTE PERSONAL DECONTAMINATION SYSTEM SHALL BE CONSTRUCTED AS CLOSE TO THE REGULATED ABATEMENT WORK AREA AS PHYSICALLY POSSIBLE. IF THE REMOTE PERSONAL DECONTAMINATION SYSTEM MUST BE LOCATED AT THE EXTERIOR OF THE BUILDING/STRUCTURE DUE TO SPACE OR CODE RESTRICTIONS, IT SHALL BE CONSTRUCTED WITHIN 50 FEET OF THE BUILDING/STRUCTURE EXIT USED FOR ACCESS BY THE ASBESTOS ABATEMENT CONTRACTOR PERSONNEL. THE DECONTAMINATION UNIT SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET TO SEPARATE IT FROM PUBLIC AREAS.

(3) AIRLOCKS. AT A MINIMUM, TWO EXTRA AIRLOCKS AS DEFINED IN SECTION 56-2.1 OF NYCRR PART 56 SHALL BE CONSTRUCTED AS PER PARAGRAPH (B)(11) OF SECTION 56-7.5, ONE SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE EQUIPMENT ROOM OR EQUIPMENT/WASHROOM, THE OTHER EXTRA AIRLOCK SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE CONTAINMENT OR REGULATED ABATEMENT WORK AREA(S). THESE AIRLOCKS SHALL HAVE LOCKABLE DOORWAYS AT THE ENTRANCE TO THE AIRLOCK FROM UNCONTAMINATED AREAS. THESE AIRLOCKS SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET AND APPROPRIATELY SIGNED IN ACCORDANCE WITH SECTION 56-7.4(C) OF NYCRR PART 56. AIRLOCKS SHALL NOT BE USED AS A WASTE DECONTAMINATION AREA AND SHALL BE KEPT CLEAN AND FREE OF ASBESTOS CONTAINING MATERIAL.

(4) DESIGNATED PATHWAY. THE WALKWAY FROM THE REGULATED ABATEMENT WORK AREA TO THE PERSONAL DECONTAMINATION SYSTEM OR NEXT REGULATED ABATEMENT WORK AREA SHALL BE CORDONED OFF AND SIGNAGE INSTALLED AS PER SECTION 56-7.4(C) OF NYCRR PART 56, TO DELINEATE IT FROM PUBLIC AREAS WHILE IN USE DURING PHASES II A THROUGH II D.

(5) TRAVEL THROUGH UNCONTAMINATED AREAS. IF AT ANY TIME A WORKER MUST TRAVEL THROUGH AN UNCONTAMINATED AREA TO ACCESS THE PERSONAL DECONTAMINATION AREA, THE WORKER SHALL HEPA-VACUUM AND/OR WET WIPE HIS/HER OUTER PROTECTIVE CLOTHING WHILE IN THE REGULATED ABATEMENT WORK AREA, THEN PROCEED INTO THE AIRLOCK, WHICH SERVES AS A CHANGING AREA, WHERE HE/SHE SHALL REMOVE THE OUTER CLOTHING AND DON A CLEAN SET OF PROTECTIVE CLOTHING. THE WORKER MAY THEN PROCEED TO THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE ONLY ALONG A DESIGNATED PATHWAY AS DESCRIBED ABOVE. TRAVEL IN ANY OTHER AREA SHALL NOT BE ALLOWED.

(6) REMOVAL. THE REMOTE PERSONAL DECONTAMINATION UNIT SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED.

WASTE DECONTAMINATION SYSTEM ENCLOSURE—LARGE AND SMALL ASBESTOS PROJECTS.

(1) ENCLOSURE—GENERAL. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE PROVIDED OUTSIDE THE REGULATED ABATEMENT WORK AREA AND SHALL BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA. ONE WASTE DECONTAMINATION ENCLOSURE FOR EACH REGULATED ABATEMENT WORK AREA SHALL BE REQUIRED. THIS SYSTEM MAY UTILIZE ADEQUATE EXISTING LIGHTING SOURCES SEPARATE FROM THE DECONTAMINATION SYSTEM ENCLOSURE, OR SHALL BE SUPPLIED WITH A GFCI PROTECTED TEMPORARY LIGHTING SYSTEM. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE SIZED TO ACCOMMODATE THE NUMBER OF WORKERS AND EQUIPMENT FOR THE INTENDED PURPOSE. SUCH SYSTEM MAY CONSIST OF EXISTING ATTACHED ROOMS OUTSIDE OF THE REGULATED ABATEMENT WORK AREA, IF THE LAYOUT IS APPROPRIATE, THAT CAN BE PLASTICIZED AND ARE ACCESSIBLE FROM THE REGULATED ABATEMENT WORK AREA, WHEN THIS SITUATION DOES NOT EXIST, ENCLOSURE SYSTEMS MAY BE CONSTRUCTED OF METAL, WOOD OR PLASTIC SUPPORTS COVERED WITH FIRE-RETARDANT PLASTIC SHEETING. A MINIMUM OF ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING SHALL BE INSTALLED ON THE CEILING, AND WALLS OF THE ENCLOSURE SYSTEM. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THIS AREA. THIS SYSTEM MUST BE KEPT CLEAN, SANITARY AND CLIMATE CONTROLLED AT ALL TIMES IN CONFORMANCE TO ALL FEDERAL, STATE AND LOCAL GOVERNMENT REQUIREMENTS. THIS SYSTEM SHALL REMAIN AND BE USED UNTIL COMPLETION OF PHASE II C OF THE ASBESTOS PROJECT.

(2) ROOMS AND CONFIGURATION. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL CONSIST OF A WASHROOM AND A HOLDING AREA CONNECTED IN SERIES BUT SEPARATED FROM EACH OTHER BY AN AIRLOCK. THERE SHALL BE A LOCKABLE DOOR TO THE OUTSIDE, AND THERE SHALL BE A CURTAINED DOORWAY BETWEEN THE WASHROOM AND THE REGULATED ABATEMENT WORK AREA.

(3) CURTAINED DOORWAY. AN ASSEMBLY WHICH CONSISTS OF AT LEAST THREE OVERLAPPING SHEETS OF SIX MIL FIRE-RETARDANT PLASTIC OVER AN EXISTING OR TEMPORARILY FRAMED DOORWAY. ONE SHEET SHALL BE SECURED AT THE TOP AND LEFT SIDE, THE SECOND SHEET AT THE TOP AND RIGHT SIDE, AND THE THIRD SHEET AT THE TOP AND LEFT SIDE. ALL SHEETS SHALL HAVE WEIGHTS ATTACHED TO THE BOTTOM TO INSURE THAT THE SHEETS HANG STRAIGHT AND MAINTAIN A SEAL OVER THE DOORWAY WHEN NOT IN USE.

(4) WASHROOM. A ROOM/CHAMBER BETWEEN THE REGULATED ABATEMENT WORK AREA AND THE HOLDING AREA IN THE WASTE DECONTAMINATION SYSTEM ENCLOSURE, WHERE EQUIPMENT AND WASTE CONTAINERS ARE WET CLEANED OR HEPA-VACUUMED, ADEQUATE DRAINAGE AND BAG/CONTAINER WASH WATER SHALL BE PROVIDED WITHIN THE ROOM/CHAMBER, AS WELL AS A SUFFICIENT QUANTITY OF CLEAN WASTE BAGS/CONTAINERS.

(5) EQUIPMENT/WASHROOM ALTERNATIVE. WHERE THERE IS ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE HOLDING AREA OF THE WASTE DECONTAMINATION SYSTEM ENCLOSURE MAY BRANCH OFF FROM THE EQUIPMENT ROOM OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE. THE EQUIPMENT ROOM WILL ALSO BE USED AS A WASTE WASHROOM.

(6) PLASTIC SHEETING. WASTE DECONTAMINATION SYSTEM ENCLOSURES CONSTRUCTED AT THE WORK SITE SHALL USE AT LEAST ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING ON WALLS AND CEILING. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THESE AREAS.

(7) ENCLOSURE SECURITY. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE AND REGULATED ABATEMENT WORK AREA AIRLOCK(S) (WHEN REMOTE DECONTAMINATION SYSTEMS ARE USED) SHALL BE CONSTRUCTED WITH LOCKABLE DOORS TO PREVENT UNAUTHORIZED ENTRY. ENCLOSURE SYSTEMS LOCATED WITHIN 25 FEET OF AN AREA OF PUBLIC ACCESS SHALL BE FULLY FRAMED AND HARD-WALL SHEATHED FOR SAFETY.

(8) DRAINS. THE WASTE WASHROOM SHALL BE EQUIPPED WITH A WASH BIN OF SUFFICIENT SIZE TO PERFORM WASTE CONTAINER WASHING OPERATIONS AND SHALL HAVE A SUBMERSIBLE PUMP INSTALLED TO COLLECT WASTE WATER AND DELIVER IT TO THE SHOWER WASTEWATER FILTRATION SYSTEM WHERE IT SHALL BE FILTERED IN ACCORDANCE WITH PARAGRAPH (B)(9) OF NYCRR PART 56-7.5.

(9) SHOWER/WASHROOM ALTERNATIVE — SMALL ASBESTOS PROJECT. FOR SMALL ASBESTOS PROJECTS WITH ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE SHOWER ROOM MAY BE USED AS A WASTE WASHROOM. THE CLEAN ROOM SHALL NOT BE USED FOR WASTE STORAGE, BUT SHALL BE USED FOR WASTE TRANSFER TO CARTS. WHICH SHALL BE IMMEDIATELY REMOVED FROM THE ENCLOSURE. WASTE SHALL BE TRANSFERRED ONLY DURING TIMES WHEN THE SHOWERS ARE NOT IN USE.

WASTE DECONTAMINATION SYSTEM ENCLOSURE — WHEN REMOTE PERSONAL IS ALLOWED.

WHEN A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE IS ALLOWED AND UTILIZED FOR A REGULATED ABATEMENT WORK AREA, THE FOLLOWING REQUIREMENTS SHALL APPLY:

(1) MINOR SIZE REGULATED ABATEMENT WORK AREA. NO SPECIFIC WASTE DECONTAMINATION SYSTEM ENCLOSURE IS REQUIRED FOR MINOR SIZE REGULATED ABATEMENT WORK AREAS. THE WASTE GENERATED SHALL BE IMMEDIATELY BAGGED/CONTAINERIZED WITHIN THE REGULATED ABATEMENT WORK AREA.

(2) SMALL AND LARGE SIZE REGULATED ABATEMENT WORK AREAS.

(I) WASHROOM. AN ADDITIONAL CHAMBER SHALL BE CONSTRUCTED WITHIN THE REGULATED ABATEMENT WORK AREA, ATTACHED TO THE EXISTING AIRLOCK USED TO ACCESS THE WORK AREA. THE WASHROOM/AIRLOCK COMBINATION SHALL BE UTILIZED AS THE CONTIGUOUS WASTE DECONTAMINATION ENCLOSURE FOR WASTE BAGGING/CONTAINERIZATION AND WASTE TRANSFER ACTIVITIES. THE WASHROOM SHALL BE CONSTRUCTED AND SUPPLIED WITH EQUIPMENT/MATERIALS CONSISTENT WITH WASTE DECONTAMINATION SYSTEM ENCLOSURE WASHROOM REQUIREMENTS FOR CONTIGUOUS PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES.

(II) REMOVAL. THE WASHROOM CHAMBER SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED.

TENT PROCEDURES

TENT PROCEDURES SHALL BE CONDUCTED AS FOLLOWS:

(A) TENT PROCEDURES SHALL BE LIMITED TO THE REMOVAL OF LESS THAN 260 LINEAR FEET AND 160 SQUARE FEET OF ACM AND SHALL NOT RESULT IN DISTURBANCE OF ACM DURING TENT ERECTION.

(B) TENT PROCEDURES SHALL BE ACCOMPLISHED IN A CONSTRUCTED OR COMMERCIALLY AVAILABLE FIRE RETARDANT PLASTIC TENT. PLASTICIZING AND SEALING ALL SURFACES NOT BEING ABATED WITHIN THE TENT PERIPHERY FORMING AN ENCLOSURE. THE TENT SHALL BE OF FIRE RETARDANT 6-MIL PLASTIC AT A MINIMUM, WITH SEAMS HEAT-SEALED, OR DOUBLE-FOLDED, STAPLED AND TAPED AIRTIGHT AND THEN TAPED FLUSH WITH THE ADJACENT TENT WALL. THIS IS A SINGLE USE BARRIER THAT SHALL NOT BE REUSED ONCE DISMANTLED OR COLLAPSED.

(C) THERE SHALL BE AN AIRLOCK AT THE ENTRANCE TO THE TENT, UNLESS THERE IS AN ATTACHED WORKER OR WASTE DECONTAMINATION SYSTEM.

(D) ASBESTOS HANDLERS INVOLVED IN THE TENT PROCEDURE SHALL WEAR PERSONAL PROTECTIVE EQUIPMENT PLUS A SECOND DISPOSABLE SUIT. ALL STREET CLOTHES SHALL BE REMOVED AND STORED IN A CLEAN ROOM WITHIN THE WORK SITE. THE PERSONAL PROTECTIVE EQUIPMENT WITH TWO DISPOSABLE SUITS SHALL BE USED FOR INSTALLATION OF THE TENT AND THROUGHOUT THE PROCEDURE IF A DECONTAMINATION UNIT WITH A SHOWER IS NOT CONTIGUOUS TO THE WORK AREA. IF A DECONTAMINATION UNIT (WITH SHOWER AND CLEAN ROOM AT A MINIMUM) IS CONTIGUOUS TO THE WORK AREA, ONLY ONE DISPOSABLE SUIT SHALL BE REQUIRED; IN THIS CASE, PRIOR TO EXITING THE TENT THE WORKER SHALL HEPA VACUUM AND WET CLEAN THE DISPOSABLE SUIT.

(E) THE TENT SHALL BE ATTACHED TO THE SURFACE TO PRODUCE AN AIRTIGHT SEAL EXCEPT FOR AN APPROPRIATE SECTION TO ALLOW FOR MAKE-UP AIR INTO THE TENT.

(F) NEGATIVE PRESSURE VENTILATION EQUIPMENT SHALL BE USED TO CONTINUOUSLY EXHAUST THE ENCLOSED AREA.

(G) REMOVAL OF ACM SHALL BE BY WET METHODS IN ACCORDANCE.

(H) ACM REMOVED SHALL BE PLACED IN A LEAK-TIGHT CONTAINER WITHOUT DROPPING IT.

(I) UPON COMPLETION OF ABATEMENT, AND PRIOR TO TENT COLLAPSE, THE ENCLOSED SURFACES SHALL:

(1) BE WET CLEANED USING RAGS, MOPS OR SPONGES; AND

(2) BE PERMITTED SUFFICIENT TIME TO DRY, PRIOR TO HEPA VACUUMING ALL SUBSTRATES; AND

(3) BE LIGHTLY ENCAPSULATED TO LOCKDOWN RESIDUAL ASBESTOS.

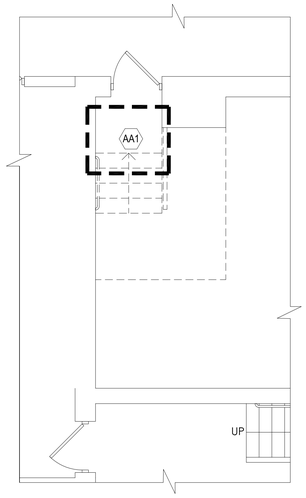
(J) UPON BARRIER DISTURBANCE, LOSS OF ENGINEERING CONTROLS, OR TERMINATION OF TENT USAGE, THE TENT AND THE ENCLOSED SURFACES SHALL BE TREATED ACCORDING TO SUBDIVISION (I) ABOVE.

(K) THE BAGGED WASTE SHALL BE WET CLEANED OR HEPA VACUUMED AND THEN TRANSFERRED OUTSIDE THE TENT, DOUBLE BAGGED, AND APPROPRIATELY HANDLED PRIOR TO DISPOSAL.

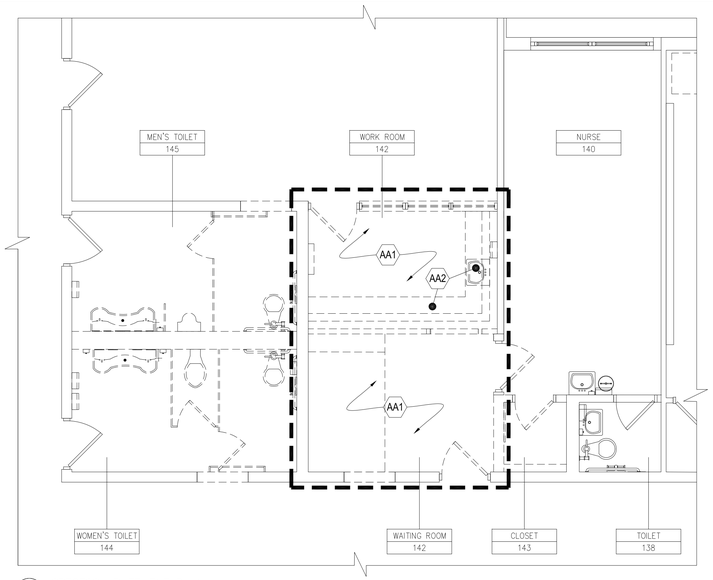
(L) THE OUTER DISPOSABLE SUIT (IF 2 SUITS ARE WORN) SHALL BE HEPA VACUUMED IN THE TENT PRIOR TO EXITING. THE OUTER DISPOSABLE SUIT SHALL BE REMOVED IN THE AIRLOCK AND A CLEAN SUIT SHALL BE WORN OVER THE INNER SUIT. THE WORKERS SHALL IMMEDIATELY PROCEED TO A SHOWER AT THE WORK SITE. THE INNER DISPOSABLE SUIT AND RESPIRATOR SHALL BE REMOVED IN THE SHOWER AFTER APPROPRIATE WETTING. THE DISPOSABLE CLOTHING SHALL BE DISPOSED OF AS ASBESTOS-CONTAINING WASTE MATERIAL. THE WORKERS SHALL THEN FULLY AND VIGOROUSLY SHOWER WITH SUPPLIED LIQUID BATH SOAP, SHAMPOO, AND CLEAN DRY TOWELS.

(M) THE NEGATIVE PRESSURE VENTILATION EQUIPMENT SHALL BE USED TO FILTER A MINIMUM OF 4 VOLUME CHANGES THROUGH THE TENT AFTER COMPLETION OF ABATEMENT BUT PRIOR TO COLLAPSE OF THE TENT/BARRIER. ALL REQUIRED AIR MONITORING MUST BE SUCCESSFULLY COMPLETED BEFORE THE TENT/BARRIER IS COLLAPSED.

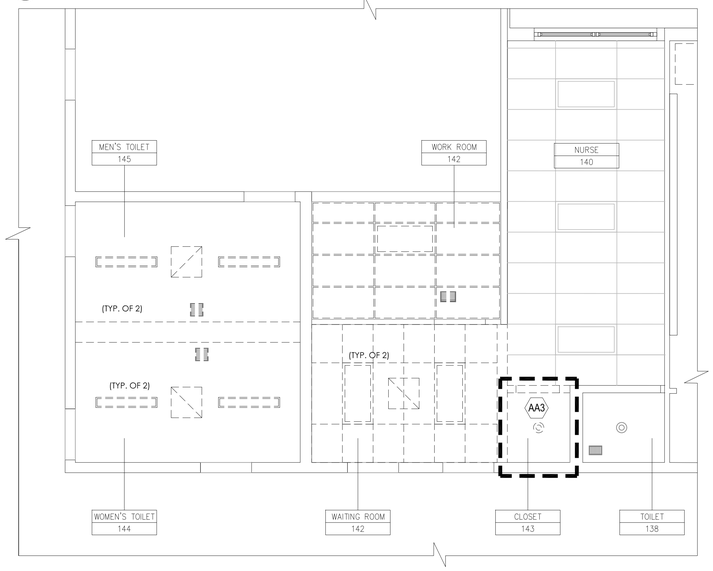
(N) THE TENT SHALL BE COLLAPSED INWARD, ENCLOSING THE CONTAMINATED CLOTHING. THIS CONTAMINATED MATERIAL SHALL BE DISPOSED OF IN ANOTHER PLASTIC BAG. THE HEPA VACUUM SHALL BE DECONTAMINATED AND SEALED.



2 STAGE — STAIR LANDING ASBESTOS ABATEMENT PLAN
SCALE: 1/4"=1'-0"



1 ASBESTOS ABATEMENT PLAN
SCALE: 1/4"=1'-0"



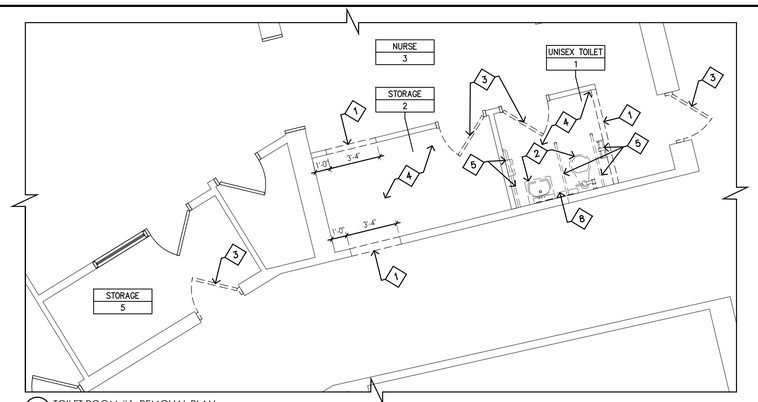
3 CEILING ABATEMENT PLAN
SCALE: 1/4"=1'-0"

ASBESTOS ABATEMENT KEYNOTES

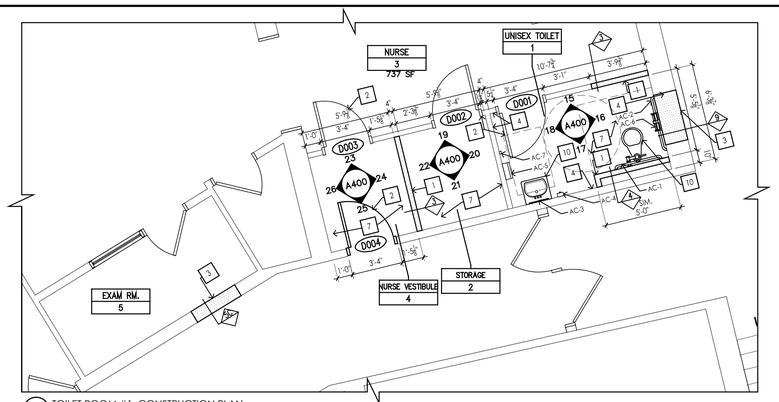
		QTY.
AA1	REMOVE AND DISPOSE OF FLOOR TILE AND MASTIC (INCLUDING UNDER ALL CASEWORK) TO TOP OF STRUCTURAL SLAB. ALL MASTIC SHALL BE REMOVED IN ITS ENTIRETY FROM ALL SUBSTRATES, SUB-FLOORS, CONCRETE SLABS AND THE LIKE.	225 SQ. FT.
AA2	REMOVE EXISTING CASEWORK, DECONTAMINATE OF ANY ASBESTOS CONTAINING MATERIALS AND DISPOSE OF AS GENERAL CONSTRUCTION DEBRIS.	20 LIN. FT.
AA3	REMOVE EXISTING CEILING TILE. DECONTAMINATE AND REMOVE GRID AND ALL ASSOCIATED SUSPENSION COMPONENTS.	20 SQ. FT.

GENERAL ABATEMENT NOTES:

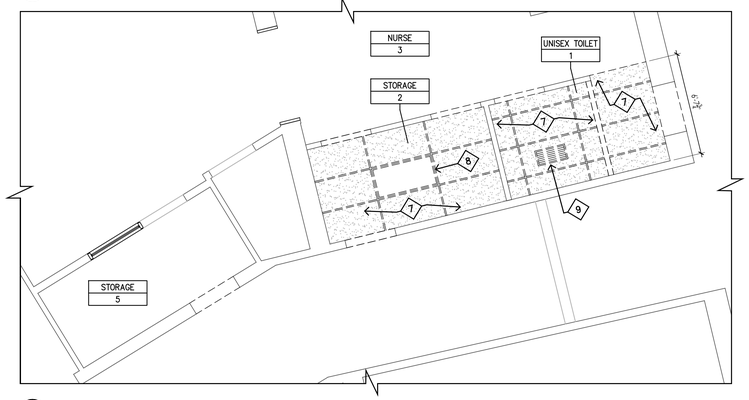
1. SPECIFICATION SECTION 02 82 00 AND THE ABATEMENT LEGEND LIST APPROXIMATE QUANTITIES FOR REMOVAL, BUT THE CONTRACTOR IS ALONE RESPONSIBLE FOR DETERMINING THE ACTUAL ABATEMENT QUANTITIES OF ACM INCLUDING, SIZES, LENGTHS, SQUARE FOOTAGES AND CONFIGURATIONS.
2. THIS FACILITY WILL BE OCCUPIED DURING CONSTRUCTION WORK.
3. SHUT DOWN AND ISOLATE EXISTING MECHANICAL EQUIPMENT SYSTEMS TO PREVENT CONTAMINATION AND DISPERSAL TO OTHER AREAS IN THE BUILDING. COORDINATE WITH THE OWNER'S REPRESENTATIVE.
4. ANY CRITICAL ELECTRICAL RUNS THROUGH THE WORK AREA SHALL REMAIN ACTIVE DURING THE ENTIRE ABATEMENT PROCESS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REQUIRED VARIANCES REQUIRED TO MAINTAIN CRITICAL ELECTRICAL RUNS.
5. ALL SCHEDULED ABATEMENT WORK SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE. FOLLOW ALL RULES AND REGULATIONS OF NYS ICR 56, EPA, OSHA AND OTHER APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS DURING THE ENTIRE PROJECT.
6. CONTRACTOR SHALL ATTEND THE PRE-WORK CONFERENCE AND PROVIDE A DETAILED ABATEMENT WORK PLAN FOR REVIEW.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ON-SITE SAFETY AND SECURITY OF HIS/HER EMPLOYEES DURING ALL HAZARDOUS REMOVAL ACTIVITIES. CONTRACTOR ALSO ASSUMES RESPONSIBILIT



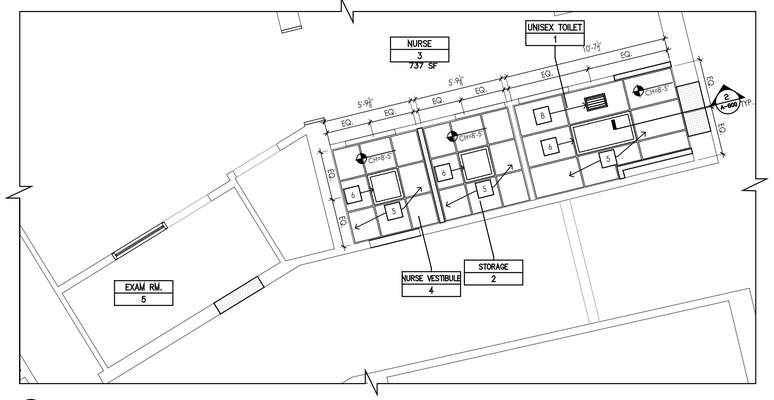
1 TOILET ROOM #1 REMOVAL PLAN
SCALE: 1/4"=1'-0" (225 SF EXISTING FLOOR & WALL TILE REMOVAL)



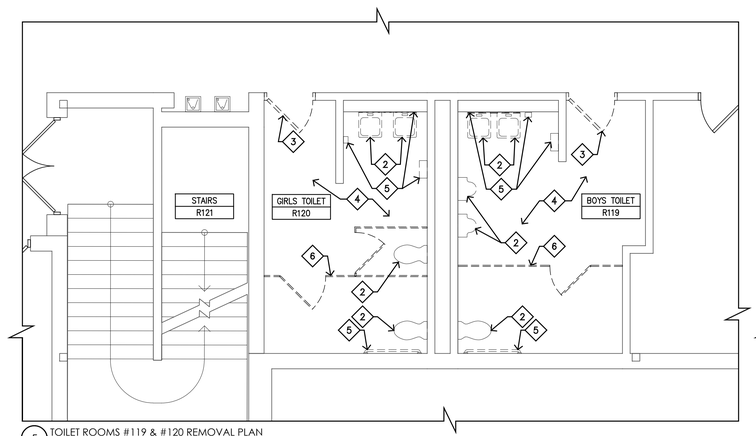
2 TOILET ROOM #1 CONSTRUCTION PLAN
SCALE: 1/4"=1'-0"



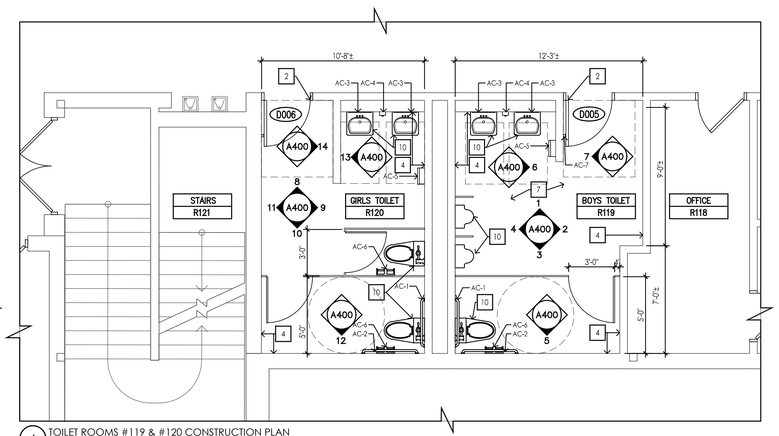
3 TOILET ROOM #1 RCP REMOVAL PLAN
SCALE: 1/4"=1'-0"



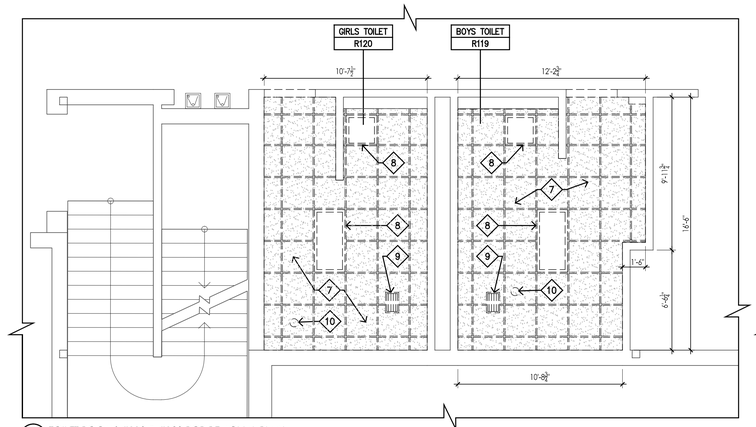
4 TOILET ROOM #1 RCP CONSTRUCTION PLAN
SCALE: 1/4"=1'-0"



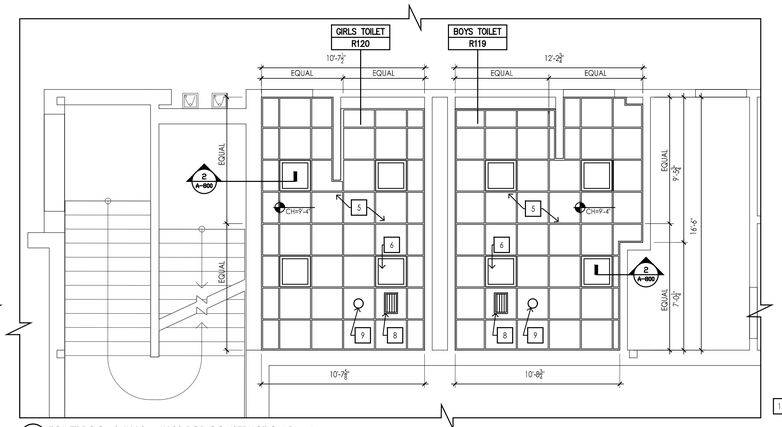
5 TOILET ROOMS #119 & #120 REMOVAL PLAN
SCALE: 1/4"=1'-0" (1,070 SF EXISTING FLOOR & WALL TILE REMOVAL)



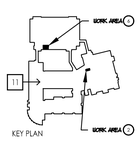
6 TOILET ROOMS #119 & #120 CONSTRUCTION PLAN
SCALE: 1/4"=1'-0"



7 TOILET ROOMS #119 & #120 RCP REMOVAL PLAN
SCALE: 1/4"=1'-0"



8 TOILET ROOMS #119 & #120 RCP CONSTRUCTION PLAN
SCALE: 1/4"=1'-0"



KEY PLAN

GENERAL REMOVAL / CONSTRUCTION NOTES

1. REMOVAL DRAWINGS INDICATE ONLY MAJOR SCOPE OF REMOVALS INCLUDING BUT NOT LIMITED TO PARTITIONS, WALLS, CEILINGS, FLOORS, COLUMN ENCLOSURES, DOOR FRAMES AND DOORS, AND ANY OTHER EXISTING ITEMS. CONTRACTOR IS REQUIRED TO REMOVE ANY AND ALL ITEMS NOT SHOWN AS REQUIRED TO SUIT ALL NEW WORK.
2. EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT, FIXTURES, RISERS, SHAFTS, PIPES, OUTLETS, DEVICES, ETC., SHOWN ON DRAWINGS ARE APPROXIMATELY LOCATED. CONTRACTOR IS TO DETERMINE EXACT LOCATIONS OF ALL ITEMS IN THE FIELD.
3. ALL EXISTING ITEMS LISTED IN NOTE NO. 2 WHICH ARE TO REMAIN SHALL BE PROVIDED WITH NEW GYPSUM BOARD ENCLOSURES BY THE CONSTRUCTION CONTRACTOR. LOCATIONS SHOWN ARE APPROXIMATE. ALL PIPES AND DUCTS SHALL BE ENCLOSED IN ALL SPACES BY DRYWALL CONSTRUCTION AND HUNG CEILINGS EXCEPT SHAFTS WHICH SHALL BE EXTENDED TO STRUCTURAL DECK. CONTRACTOR IS TO INFORM OWNERS REPRESENTATIVE OF EXISTING LOCATIONS FOR POSSIBLE DIMENSIONAL ADJUSTMENTS.
4. CONTRACTOR IS TO VERIFY ANY MAJOR DIMENSIONAL DEVIATIONS FROM DRAWINGS OR STRUCTURAL OBSTRUCTIONS. THESE SHALL BE BROUGHT TO THE OWNERS REPRESENTATIVES ATTENTION. ALL CONTRACT DRAWINGS INDICATE APPROXIMATE DIMENSIONS AND EXISTING CONDITIONS BASED ON FIELD SURVEY AND DRAWINGS FURNISHED BY THE OWNER. VARIATIONS MAY EXIST AS TO FIELD CONDITIONS. THE COST FOR ANY SUCH VARIATIONS SHALL BE INCLUDED WITHIN THE CONTRACT BID.
5. ALL SURFACES DISTURBED BY REMOVALS SHALL BE PATCHED TO MATCH EXISTING ADJACENT FINISHES, TYPICAL THROUGHOUT FOR WALLS, CEILINGS AND FLOORS, OR AS NOTED ON NEW FINISH SCHEDULE.
6. EACH CONTRACTOR SHALL FIRESTOP ALL NEW TRADE RELATED PENETRATIONS THROUGH FLOORS, PARTITIONS AND WALLS AT ALL LOCATIONS WITH APPROVED MATERIALS AND SYSTEMS.
7. PC TO REPLUMB EXISTING WATER AND WASTE PIPES TO NEW FIXTURES -SEE PLUMBING DRAWINGS FOR ADDITIONAL SCOPE.
8. GC TO PROVIDE OPENINGS IN EXISTING CMU WALLS, PROVIDE LINTELS AS SCHEDULED AND ALL CODE COMPLIANT FIRE STOPPING.
9. GC TO PATCH AND PREPARE MASONRY WALLS FOR REPAINTING.
10. GC TO PATCH AND PREPARE CONCRETE SLAB FOR NEW EPOXY FLOOR FINISH.

REMOVAL KEYNOTES

1. REMOVE EXISTING WALL SYSTEM AS INDICATED.
2. REMOVE ALL EXISTING PLUMBING FIXTURES. REFER TO PLUMBING DRAWINGS.
3. REMOVE EXISTING DOOR AND FRAME SYSTEM IN THEIR ENTIRETY, AND TURN OVER HARDWARE TO OWNER
4. REMOVE ALL EXISTING WALL & FLOOR FINISHES.
5. REMOVE EXISTING SURFACE MOUNTED ACCESSORIES
6. REMOVE EXISTING TOILET PARTITIONS, DOOR AND WALL COMPONENTS
7. REMOVE EXISTING CEILING AND ASSOCIATED ELEMENTS.
8. REMOVE EXISTING LIGHT FIXTURES. REFER TO MEP DRAWINGS.
9. REMOVE EXISTING CEILING VENTS. REFER TO MEP DRAWINGS.
10. REMOVE EXISTING MOTION SENSOR. REFER TO MEP DRAWINGS.

REMOVAL LEGEND

- 9 = REMOVAL KEY
- = EXISTING PARTITIONS TO BE REMOVED IN THEIR ENTIRETY

CONSTRUCTION KEYNOTES

1. G.C. TO CONSTRUCT NEW WALL. REFER TO PARTITION TYPES ON SHEET A-800.
2. G.C. TO PROVIDE AND INSTALL NEW DOOR. REFER TO DOOR SCHEDULE FOR SIZING AND HARDWARE INFORMATION ON SHEET A-700.
3. G.C. TO INFILL EXISTING OPENINGS WITH 2x STUDS, AS REQUIRED AND INSTALL ABUSE RESISTANT GYPSUM WALL BOARD. REFER TO FINISH SCHEDULE ON SHEET A-900. NEW WALLS TO MATCH ADJACENT FINISHES.
4. G.C. TO PREPARE EXISTING MASONRY WALL TO RECEIVE NEW TILE. REFER TO SHEET A-400 FOR INTERIOR ELEVATIONS.
5. G.C. TO INSTALL NEW CEILING GRID SYSTEM & ACT TILES. REFER TO SHEET A-900 FOR FINISH SELECTIONS.
6. G.C. TO INSTALL NEW LIGHT FIXTURES. REFER TO MEP DRAWINGS.
7. G.C. TO INSTALL NEW FLOOR FINISH. REFER TO FINISH SCHEDULE SHEET A-900.
8. G.C. TO INSTALL NEW CEILING VENTS.
9. G.C. TO INSTALL NEW MOTION SENSORS.
10. G.C. TO PROVIDE AND INSTALL NEW PLUMBING FIXTURES.
11. G.C. TO PROVIDE AND INSTALL NEW GENDER NEUTRAL SIGNAGE. LOCATION TBD.

CONSTRUCTION LEGEND

- # = CONSTRUCTION KEY
- A = PROPOSED PARTITION. REFER TO SHEET 1/A-800 FOR PARTITION TYPES
- D# = NEW DOOR TAG
- = PROPOSED PARTITION- REFER TO SHEET A-800 FOR PARTITION TYPES
- = 5'-0" TURNING RADIUS
- = 30" x 48" CLEAR FLOOR SPACE AT LAVATORY
- = PROPOSED LIGHT FIXTURE
- = PROPOSED VENTILATION GRILLE
- = PROPOSED 24" X 24" ACT CEILING
- = PROPOSED 48" X 24" ACT CEILING

TOILET ROOM ACCESSORY SCHEDULE

- AC-1 - 36" GRAB BAR WITH CONCEALED MOUNTING
- AC-2 - 42" GRAB BAR WITH CONCEALED MOUNTING
- AC-3 - 18"X30" MIRROR (SURFACE MOUNTED)
- AC-4 - SURFACE MOUNTED SOAP DISPENSER
- AC-5 - SURFACE MOUNTED HAND DRYER (PROVIDED AND INSTALLED BY OWNER)
- AC-6 - SURFACE MOUNTED DOUBLE-ROLL TOILET TISSUE DISPENSER (PROVIDED AND INSTALLED BY OWNER)
- AC-7 - WALL BUMPER

MOUNTING HEIGHTS FOR TOILET ROOM ELEMENTS

HC ELEMENTS SHOWN; NON-HC MOUNTING HEIGHTS NOTED IN PARENTHESES

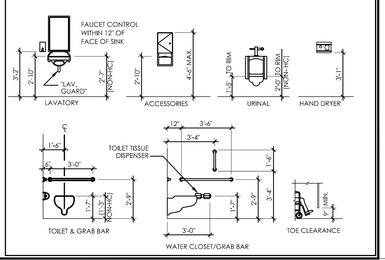
NOTES:

1.) STRUCTURAL STRENGTH OF GRAB BARS AND THEIR MOUNTING DEVICES ARE TO WITHSTAND FORCES UP TO 250 lbs./Ft. min.

2.) FORCE TO OPERATE VENDORS AND SOAP DISPENSERS SHALL BE A MAXIMUM 5 lbs. OF FORCE.

3.) ACCESS TO RECEPTACLE OPENINGS SHALL BE 15" MIN. TO 48" MAX. ABOVE FINISHED FLOOR TO ALLOW FOR FORWARD REACH.

MAX. MOUNTING HEIGHT FOR OPERATING PARTS OF MISC. ACCESSORIES, TOWEL DISPENSER, DISPOSAL UNITS, ETC. (UNLESS NOTED OTHERWISE)



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REVISIONS NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
1	01/07/2021	-	-	ADDENDUM #1
2	03/29/2021	JJG	JP	ISSUED FOR BID

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81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563
CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
MATTHER PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	JG	CG

SCALE AS SHOWN

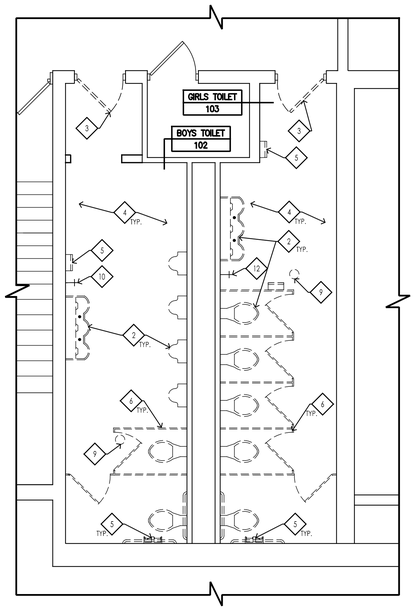
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TOILET ROOM REMOVAL, CONSTRUCTION AND RCP PLANS

PROJECT NUMBER 70019.00

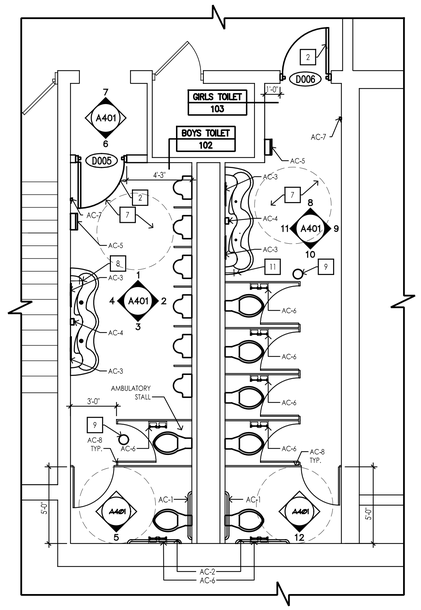
HS A100
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

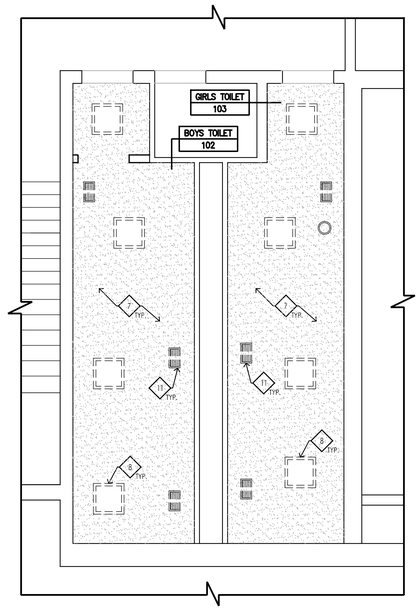
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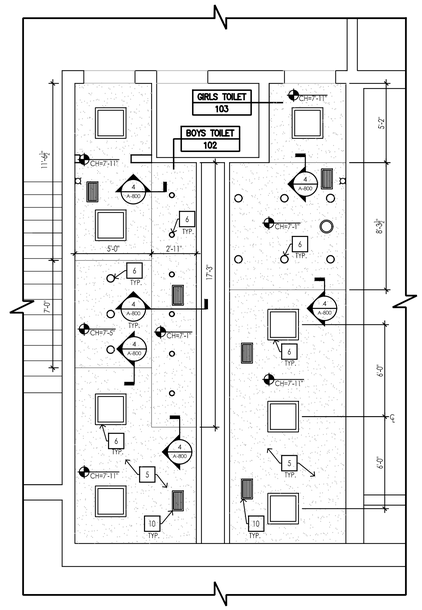
1 TOILET ROOMS #102 & #103 REMOVAL PLAN
SCALE: 1/4"=1'-0" (1,405 SF EXISTING FLOOR & WALL TILE REMOVAL)



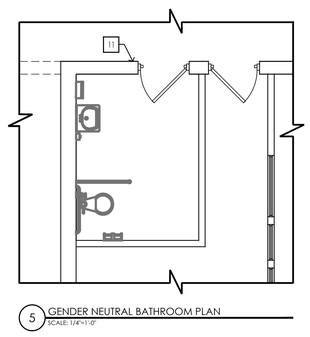
2 TOILET ROOMS #102 & #103 CONSTRUCTION PLAN
SCALE: 1/4"=1'-0"



3 TOILET ROOMS #102 & #103 RCP REMOVAL PLAN
SCALE: 1/4"=1'-0"



4 TOILET ROOMS #102 & #103 RCP CONSTRUCTION PLAN
SCALE: 1/4"=1'-0"



5 GENDER NEUTRAL BATHROOM PLAN
SCALE: 1/4"=1'-0"

GENERAL REMOVAL / CONSTRUCTION NOTES

1. REMOVAL DRAWINGS INDICATE ONLY MAJOR SCOPE OF REMOVALS INCLUDING BUT NOT LIMITED TO PARTITIONS, WALLS, CEILINGS, FLOORS, COLUMN ENCLOSURES, DOOR FRAMES AND DOORS, AND ANY OTHER EXISTING ITEMS. CONTRACTOR IS REQUIRED TO REMOVE ANY AND ALL ITEMS NOT SHOWN AS REQUIRED TO SUIT ALL NEW WORK.
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3. ALL EXISTING ITEMS LISTED IN NOTE NO. 2 WHICH ARE TO REMAIN SHALL BE PROVIDED WITH NEW GYPSUM BOARD ENCLOSURES BY THE CONSTRUCTION CONTRACTOR. LOCATIONS SHOWN ARE APPROXIMATE. ALL PIPES AND DUCTS SHALL BE ENCLOSED IN ALL SPACES BY DRYWALL CONSTRUCTION AND HUNG CEILINGS EXCEPT SHAFTS WHICH SHALL BE EXTENDED TO STRUCTURAL DECK. CONTRACTOR IS TO INFORM OWNERS REPRESENTATIVE OF EXISTING LOCATIONS FOR POSSIBLE DIMENSIONAL ADJUSTMENTS.
4. CONTRACTOR IS TO VERIFY ANY MAJOR DIMENSIONAL DEVIATIONS FROM DRAWINGS OR STRUCTURAL OBSTRUCTIONS. THESE SHALL BE BROUGHT TO THE OWNERS REPRESENTATIVE'S ATTENTION. ALL CONTRACT DRAWINGS INDICATE APPROXIMATE DIMENSIONS AND EXISTING CONDITIONS BASED ON FIELD SURVEY AND DRAWINGS FURNISHED BY THE OWNER. VARIATIONS MAY EXIST AS TO FIELD CONDITIONS. THE COST FOR ANY SUCH VARIATIONS SHALL BE INCLUDED WITHIN THE CONTRACT BID.
5. ALL SURFACES DISTURBED BY REMOVALS SHALL BE PATCHED TO MATCH EXISTING ADJACENT FINISHES, TYPICAL THROUGHOUT FOR WALLS, CEILINGS AND FLOORS, OR AS NOTED ON NEW FINISH SCHEDULE.
6. EACH CONTRACTOR SHALL FIRESTOP ALL NEW TRADE RELATED PENETRATIONS THROUGH FLOORS, PARTITIONS AND WALLS AT ALL LOCATIONS WITH APPROVED MATERIALS AND SYSTEMS.
7. PC TO REPLUMB EXISTING WATER AND WASTE PIPES TO NEW FIXTURES -SEE P-X FOR ADDITIONAL SCOPE.
8. GC TO PROVIDE OPENINGS IN EXISTING CMU WALLS, PROVIDE LINTELS AS SCHEDULED AND ALL CODE COMPLIANT FIRE STOPPING.
9. GC TO PATCH AND PREPARE MASONRY WALLS FOR REPAINTING.
10. GC TO PATCH AND PREPARE CONCRETE SLAB FOR NEW EPOXY FLOOR FINISH.

REMOVAL KEYNOTES

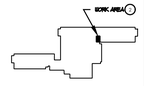
1. REMOVE EXISTING WALL SYSTEM AS INDICATED.
2. REMOVE ALL EXISTING PLUMBING FIXTURES, REFER TO MEP DRAWINGS.
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4. REMOVE ALL EXISTING WALL & FLOOR FINISHES.
5. REMOVE EXISTING SURFACE MOUNTED ACCESSORIES
6. REMOVE EXISTING TOILET PARTITIONS, DOOR AND WALL COMPONENTS
7. REMOVE EXISTING CEILING AND ASSOCIATED ELEMENTS.
8. REMOVE EXISTING LIGHT FIXTURES, REFER TO MEP DRAWINGS.
9. REMOVE EXISTING FLOOR DRAIN, REFER TO MEP DRAWINGS.
10. EXISTING HOSE BIBB TO REMAIN, REFER TO MEP DRAWINGS.
11. REMOVE EXISTING CEILING VENTS, REFER TO MEP DRAWINGS.

REMOVAL LEGEND

- ◇ = REMOVAL KEY
- = EXISTING PARTITIONS TO BE REMOVED IN THEIR ENTIRETY

CONSTRUCTION KEYNOTES

1. G.C. TO CONSTRUCT NEW WALL. REFER TO PARTITION TYPES ON SHEET A-800.
2. G.C. TO PROVIDE AND INSTALL NEW DOOR. REFER TO DOOR SCHEDULE FOR SIZING AND HARDWARE INFORMATION ON SHEET A-700.
3. G.C. TO INFILL EXISTING OPENINGS WITH 2x STUDS, AS REQUIRED AND INSTALL ABUSE RESISTANT GYPSUM WALL BOARD. REFER TO FINISH SCHEDULE ON SHEET A-900. NEW WALLS TO MATCH ADJACENT FINISHES.
4. G.C. TO PREPARE EXISTING MASONRY WALL TO RECEIVE NEW TILE. REFER TO SHEET A-400 FOR INTERIOR ELEVATIONS.
5. G.C. TO INSTALL NEW CEILING BOARD AND PAINT AS REQUIRED. REFER TO SHEET A-900 FOR FINISH SELECTIONS.
6. G.C. TO INSTALL NEW LIGHT FIXTURES. REFER TO MEP DRAWINGS.
7. G.C. TO INSTALL NEW FLOOR FINISH. REFER TO FINISH SCHEDULE SHEET A-900.
8. EXISTING HOSE BIBB BELOW PROPOSED SINK. REFER TO MEP DRAWINGS.
9. NEW FLOOR DRAIN. REFER TO MEP DRAWINGS.
10. NEW CEILING VENT. REFER TO MEP DRAWINGS.
11. G.C. TO PROVIDE AND INSTALL NEW GENDER NEUTRAL SIGNAGE. REFER TO SHEET A802 FOR DETAILS.



KEY PLAN

TOILET ROOM ACCESSORY SCHEDULE

- AC-1 - 36" GRAB BAR WITH CONCEALED MOUNTING
- AC-2 - 42" GRAB BAR WITH CONCEALED MOUNTING
- AC-3 - 18"X30" MIRROR (SURFACE MOUNTED)
- AC-4 - SURFACE MOUNTED SOAP DISPENSER
- AC-5 - SURFACE MOUNTED HAND DRYER (PROVIDED AND INSTALLED BY OWNER)
- AC-6 - SURFACE MOUNTED DOUBLE-ROLL TOILET TISSUE DISPENSER (PROVIDED AND INSTALLED BY OWNER)
- AC-7 - WALL BUMPER
- AC-8 - NEW TOILET PARTITIONS AND DOOR
- AC-9 - EYE WASH STATION

MOUNTING HEIGHTS FOR TOILET ROOM ELEMENTS

HC ELEMENTS SHOWN; NON-HC MOUNTING HEIGHTS NOTED IN PARENTHESES

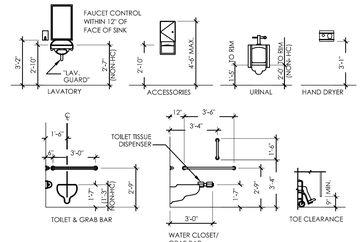
NOTES:

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2.) FORCE TO OPERATE VENDORS AND SOAP DISPENSERS SHALL BE A MAXIMUM 5 lbs. OF FORCE.

3.) ACCESS TO RECEPTACLE OPENINGS SHALL BE 15" MIN. TO 48" MAX. ABOVE FINISHED FLOOR TO ALLOW FOR FORWARD REACH.

MAX. MOUNTING HEIGHT FOR OPERATING PARTS OF MISC. ACCESSORIES, TOWEL DISPENSER, DISPOSAL UNITS, ETC. (UNLESS NOTED OTHERWISE)



CONSTRUCTION LEGEND

- # = CONSTRUCTION KEY
- A = PROPOSED PARTITION. REFER TO SHEET 1/A-800 FOR PARTITION TYPES
- D# = NEW DOOR TAG
- = PROPOSED PARTITION- REFER TO SHEET A-800 FOR PARTITION TYPES
- = 5'-0" TURNING RADIUS
- = 30" x 48" CLEAR FLOOR SPACE AT LAVATORY
- = PROPOSED LIGHT FIXTURE
- = PROPOSED 4" RECESSED LIGHT FIXTURE
- = PROPOSED 2" RECESSED LIGHT FIXTURE
- = PROPOSED VENTILATION GRILLE
- $ = SWITCH
- = EXISTING FIRE ALARM STROBE
- = OUTLET
- = EXISTING MOTION SENSOR
- = PROPOSED 24" X 24" ACT CEILING
- = PROPOSED 48" X 24" ACT CEILING

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FAX (914) 276-0779

REVISIONS NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
1	01/07/2022	-	-	ADDENDUM #1
2	03/29/2021	JKS	JP	ISSUED FOR BID

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CARMEL CENTRAL SCHOOL DISTRICT
81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563

CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
MAITHER PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	JG	CG

SCALE: AS SHOWN

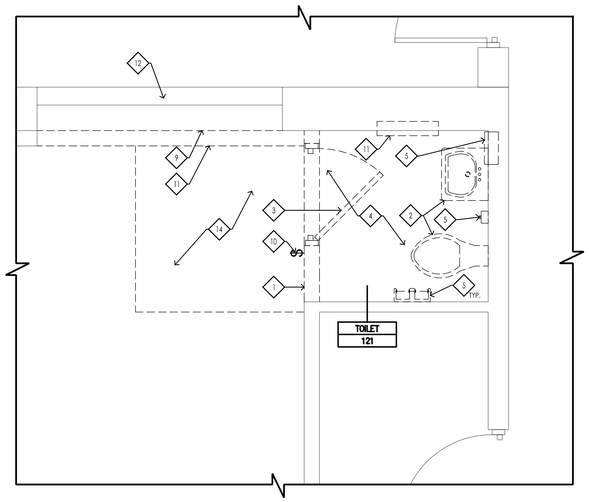
SHEET TITLE: TOILET ROOM REMOVAL , CONSTRUCTION AND RCP PLANS

PROJECT NUMBER: 70019.00

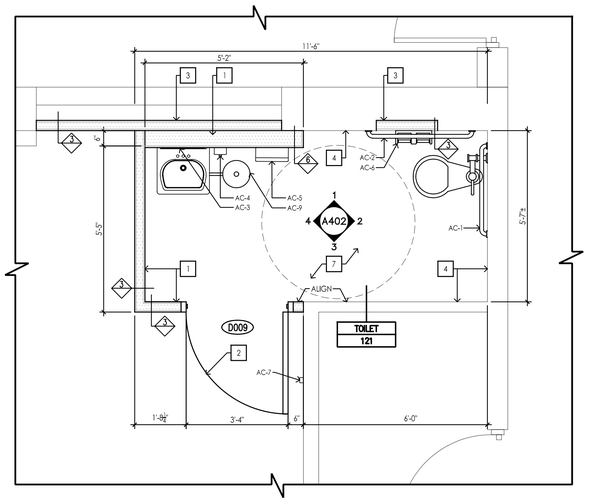
GF A101
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL, AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

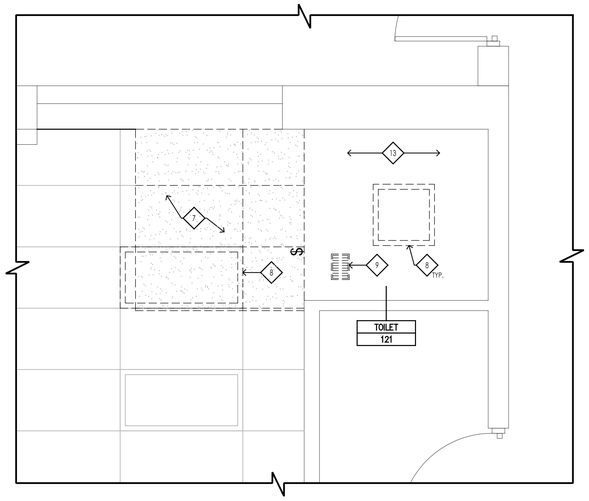
Drawing Name: S:\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\ARCH\GF\GF A101 - TOILET ROOM REMOVAL CONST. & RCP PLANS.dwg Date last accessed: 3/26/2021 8:31 AM Plotted By: Julie Gamerota Date last plotted: 3/26/2021 10:59 AM



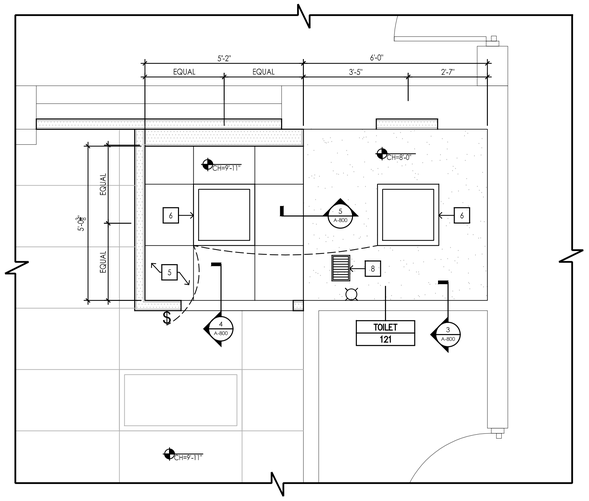
1 TOILET ROOM #121 REMOVAL PLAN
SCALE: 1/2"=1'-0" (120 SF EXISTING FLOOR & WALL TILE REMOVAL)



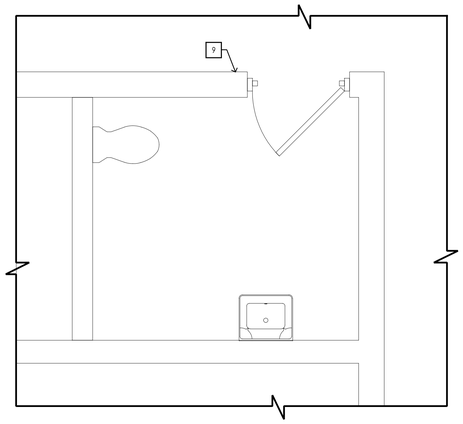
2 TOILET ROOM #121 CONSTRUCTION PLAN
SCALE: 1/2"=1'-0"



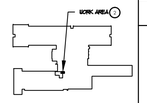
3 TOILET ROOM #121 RCP REMOVAL PLAN
SCALE: 1/2"=1'-0"



4 TOILET ROOM #121 RCP CONSTRUCTION PLAN
SCALE: 1/2"=1'-0"



5 GENDER NEUTRAL BATHROOM PLAN
SCALE: 1/2"=1'-0"



KEY PLAN

MOUNTING HEIGHTS FOR TOILET ROOM ELEMENTS

HC ELEMENTS SHOWN; NON-HC MOUNTING HEIGHTS NOTED IN PARENTHESES

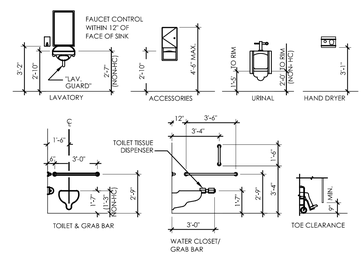
NOTES:

1.) STRUCTURAL STRENGTH OF GRAB BARS AND THEIR MOUNTING DEVICES ARE TO WITHSTAND FORCES UP TO 250 lbs./Ft. min.

2.) FORCE TO OPERATE VENDORS AND SOAP DISPENSERS SHALL BE A MAXIMUM 5 lbs. OF FORCE.

3.) ACCESS TO RECEPTACLE OPENINGS SHALL BE 15" MIN. TO 48" MAX. ABOVE FINISHED FLOOR TO ALLOW FOR FORWARD REACH.

MAX. MOUNTING HEIGHT FOR OPERATING PARTS OF MISC., ACCESSORIES, TOWEL DISPENSER, DISPOSAL UNITS, ETC. (UNLESS NOTED OTHERWISE)



GENERAL REMOVAL / CONSTRUCTION NOTES

1. REMOVAL DRAWINGS INDICATE ONLY MAJOR SCOPE OF REMOVALS INCLUDING BUT NOT LIMITED TO PARTITIONS, WALLS, CEILINGS, FLOORS, COLUMN ENCLOSURES, DOOR FRAMES AND DOORS, AND ANY OTHER EXISTING ITEMS. CONTRACTOR IS REQUIRED TO REMOVE ANY AND ALL ITEMS NOT SHOWN AS REQUIRED TO SUIT ALL NEW WORK.
2. EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT, FIXTURES, RISERS, SHAFTS, PIPES, OUTLETS, DEVICES, ETC. SHOWN ON DRAWINGS ARE APPROXIMATELY LOCATED. CONTRACTOR IS TO DETERMINE EXACT LOCATIONS OF ALL ITEMS IN THE FIELD.
3. ALL EXISTING ITEMS LISTED IN NOTE NO. 2 WHICH ARE TO REMAIN SHALL BE PROVIDED WITH NEW GYPSUM BOARD ENCLOSURES BY THE CONSTRUCTION CONTRACTOR. LOCATIONS SHOWN ARE APPROXIMATE. ALL PIPES AND DUCTS SHALL BE ENCLOSED IN ALL SPACES BY DRYWALL CONSTRUCTION AND HUNG CEILINGS EXCEPT SHAFTS WHICH SHALL BE EXTENDED TO STRUCTURAL DECK. CONTRACTOR IS TO INFORM OWNERS REPRESENTATIVE OF EXISTING LOCATIONS FOR POSSIBLE DIMENSIONAL ADJUSTMENTS.
4. CONTRACTOR IS TO VERIFY ANY MAJOR DIMENSIONAL DEVIATIONS FROM DRAWINGS OR STRUCTURAL OBSTRUCTIONS. THESE SHALL BE BROUGHT TO THE OWNERS REPRESENTATIVE'S ATTENTION. ALL CONTRACT DRAWINGS INDICATE APPROXIMATE DIMENSIONS AND EXISTING CONDITIONS BASED ON FIELD SURVEY AND DRAWINGS FURNISHED BY THE OWNER. VARIATIONS MAY EXIST AS TO FIELD CONDITIONS. THE COST FOR ANY SUCH VARIATIONS SHALL BE INCLUDED WITHIN THE CONTRACT BID.
5. ALL SURFACES DISTURBED BY REMOVALS SHALL BE PATCHED TO MATCH EXISTING ADJACENT FINISHES, TYPICAL THROUGHOUT FOR WALLS, CEILINGS AND FLOORS, OR AS NOTED ON NEW FINISH SCHEDULE.
6. EACH CONTRACTOR SHALL FIRESTOP ALL NEW TRADE RELATED PENETRATIONS THROUGH FLOORS, PARTITIONS AND WALLS AT ALL LOCATIONS WITH APPROVED MATERIALS AND SYSTEMS.
7. PC TO REPLUMB EXISTING WATER AND WASTE PIPES TO NEW FIXTURES -SEE P-X FOR ADDITIONAL SCOPE.
8. GC TO PROVIDE OPENINGS IN EXISTING CMU WALLS. PROVIDE LINTELS AS SCHEDULED AND ALL CODE COMPLIANT FIRE STOPPING.
9. GC TO PATCH AND PREPARE MASONRY WALLS FOR REPAINTING.
10. GC TO PATCH AND PREPARE CONCRETE SLAB FOR NEW EPOXY FLOOR FINISH.

REMOVAL KEYNOTES

1. REMOVE EXISTING WALL SYSTEM AS INDICATED.
2. REMOVE ALL EXISTING PLUMBING FIXTURES
3. REMOVE EXISTING DOOR AND FRAME SYSTEM IN THEIR ENTIRETY, AND SURRENDER HARDWARE TO OWNER
4. REMOVE ALL EXISTING WALL & FLOOR FINISHES.
5. REMOVE EXISTING SURFACE MOUNTED ACCESSORIES
6. REMOVE EXISTING TOILET PARTITIONS, DOOR AND WALL COMPONENTS
7. REMOVE EXISTING CEILING AND ASSOCIATED ELEMENTS.
8. REMOVE EXISTING LIGHT FIXTURES. REFER TO MEP DRAWINGS.
9. REMOVE EXISTING BUILT-IN BOOKSHELF SYSTEM. EXISTING GLASS BLOCK WALL TO REMAIN.
10. REMOVE AND RELOCATE EXISTING LIGHT SWITCH. REFER TO MEP DRAWINGS.
11. REMOVE EXISTING RADIATOR AND/OR FINTUBE AND TURN OVER TO OWNER. SEE MECHANICALS FOR REMOVAL.
12. EXISTING GLASS BLOCK WALL TO REMAIN.
13. REMOVE EXISTING GYPSUM BOARD CEILING.
14. REMOVE EXISTING FLOOR FINISH.

REMOVAL LEGEND

- ◇ = REMOVAL KEY
- = EXISTING PARTITIONS TO BE REMOVED IN THEIR ENTIRETY

CONSTRUCTION KEYNOTES

1. G.C. TO CONSTRUCT NEW WALL. REFER TO PARTITION TYPES ON SHEET A-800.
2. G.C. TO PROVIDE AND INSTALL NEW DOOR. REFER TO DOOR SCHEDULE FOR SIZING AND HARDWARE INFORMATION ON SHEET A-700.
3. G.C. TO INFILL EXISTING OPENINGS WITH 2x STUDS, AS REQUIRED AND INSTALL ABUSE RESISTANT GYPSUM WALL BOARD. REFER TO FINISH SCHEDULE ON SHEET A-900. NEW WALLS TO MATCH ADJACENT FINISHES.
4. G.C. TO PREPARE EXISTING MASONRY WALL TO RECEIVE NEW TILE. REFER TO SHEET A-400 FOR INTERIOR ELEVATIONS.
5. G.C. TO INSTALL NEW CEILING GRID, ACT TILES & GYPSUM BOARD CEILING. PAINT NEW GYPSUM BOARD CEILING. REFER TO SHEET A-900 FOR FINISH SELECTIONS.
6. G.C. TO INSTALL NEW LIGHT FIXTURES. REFER TO MEP DRAWINGS.
7. G.C. TO INSTALL NEW FLOOR FINISH. REFER TO FINISH SCHEDULE SHEET A-900.
8. G.C. TO INSTALL NEW CEILING VENT. REFER TO MEP DRAWINGS.
9. G.C. TO IPROVIDE AND NSTALL NEW GENDER NEUTRAL SIGNAGE. REFER TO SHEET A802 FOR DETAILS.

CONSTRUCTION LEGEND

- # = CONSTRUCTION KEY
- A = PROPOSED PARTITION. REFER TO SHEET 1/A-800 FOR PARTITION TYPES
- D# = NEW DOOR TAG
- = PROPOSED PARTITION- REFER TO SHEET A-800 FOR PARTITION TYPES
- = 5'-0" TURNING RADIUS
- = 30" x 48" CLEAR FLOOR SPACE AT LAVATORY
- = PROPOSED LIGHT FIXTURE
- = PROPOSED VENTILATION GRILLE
- $ = SWITCH
- = EXISTING FIRE ALARM STROBE
- = PROPOSED 24" X 24" ACT CEILING
- = PROPOSED 48" X 24" ACT CEILING

TOILET ROOM ACCESSORY SCHEDULE

AC-1 - 36" GRAB BAR WITH CONCEALED MOUNTING

AC-2 - 42" GRAB BAR WITH CONCEALED MOUNTING

AC-3 - 18"X30" MIRROR (SURFACE MOUNTED)

AC-4 - SURFACE MOUNTED SOAP DISPENSER

AC-5 - SURFACE MOUNTED HAND DRYER (PROVIDED AND INSTALLED BY OWNER)

AC-6 - SURFACE MOUNTED DOUBLE-ROLL TOILET TISSUE DISPENSER (PROVIDED AND INSTALLED BY OWNER)

AC-7 - WALL BUMPER

AC-8 - NEW TOILET PARTITIONS AND DOOR

AC-9 - EYE WASH STATION

CPLteam.com
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332 NY-100
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FAX (914) 276-0779

REVISIONS

NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 1005 CONSTRUCTION DOCUMENTS SUBMISSION
1	01/07/2021	-	-	ADDENDUM #1
2	03/29/2021	JKS	JP	ISSUED FOR BID

ENVIRONMENTAL CONSULTANT

ADELAIDE ENVIRONMENTAL HEALTH ASSOCIATES INC.
1511 ROUTE 22, SUITE C24
BREWSTER, NY 10509

TEL. 845. 278. 7710
FAX. 845.278.7750

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KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	JG	CG

SCALE AS SHOWN

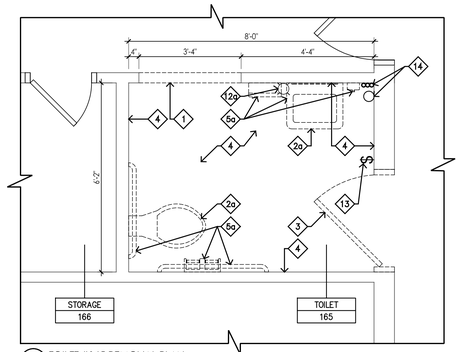
SHEET TITLE
TOILET ROOM REMOVAL , CONSTRUCTION AND RCP PLANS

PROJECT NUMBER
70019.00

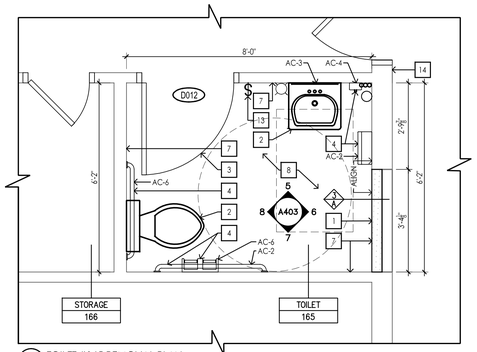
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A102
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

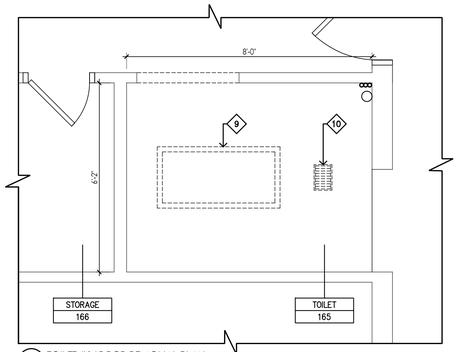
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Date last accessed: 3/26/2021 8:30 AM
Date last plotted: 3/26/2021 11:02 AM
Plotted By: Julie Gamerota



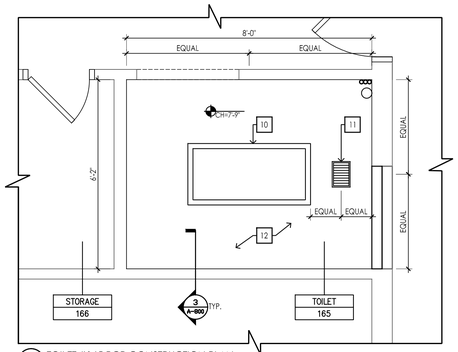
1 TOILET #165 REMOVAL PLAN
SCALE: 1/2"=1'-0" (60 SF EXISTING FLOOR & WALL TILE REMOVAL)



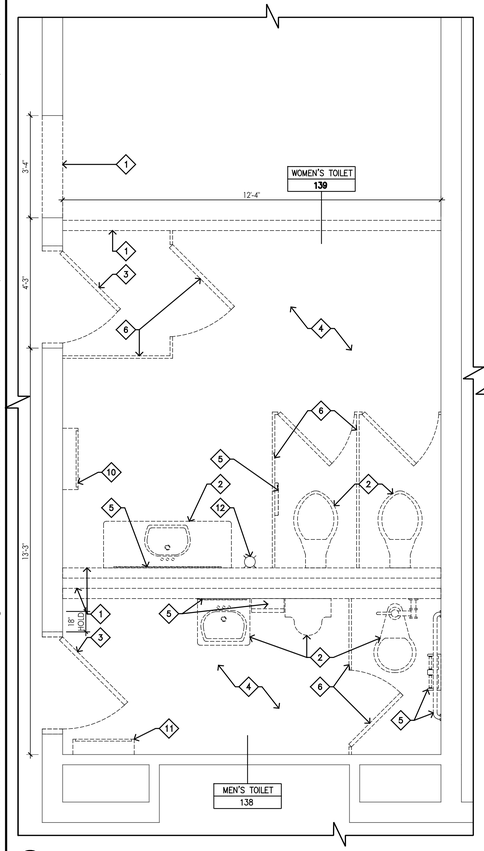
2 TOILET #165 REMOVAL PLAN
SCALE: 1/2"=1'-0"



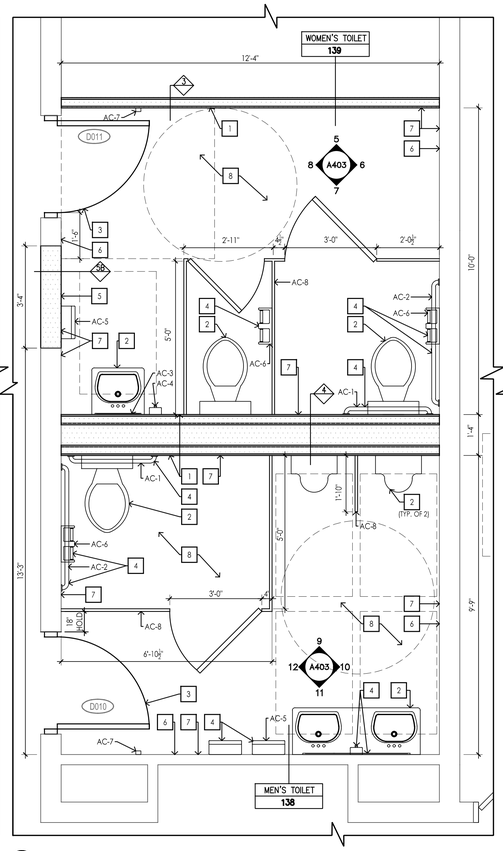
3 TOILET #165 RCP REMOVAL PLAN
SCALE: 1/2"=1'-0"



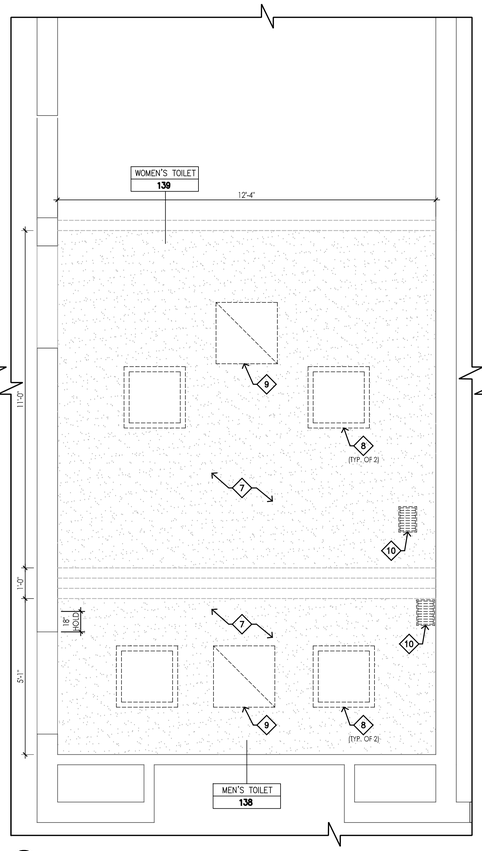
4 TOILET #165 RCP CONSTRUCTION PLAN
SCALE: 1/2"=1'-0"



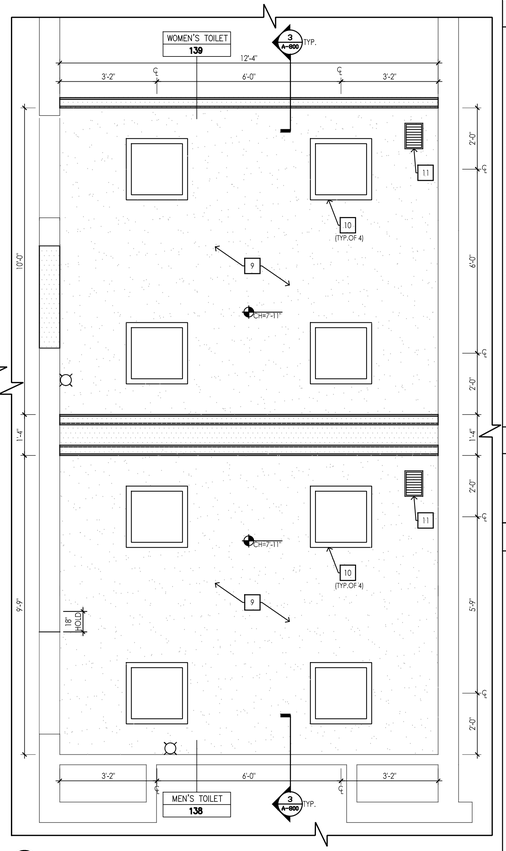
5 TOILET ROOMS #138 & #139 REMOVAL PLAN
SCALE: 1/2"=1'-0" (550 SF EXISTING FLOOR & WALL TILE REMOVAL)



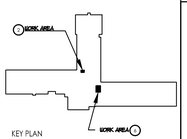
6 TOILET ROOMS #138 & #139 CONSTRUCTION PLAN
SCALE: 1/2"=1'-0"



7 TOILET ROOMS #138 & #139 RCP REMOVAL PLAN
SCALE: 1/2"=1'-0"



8 TOILET ROOMS #138 & #139 RCP CONSTRUCTION PLAN
SCALE: 1/2"=1'-0"



KEY PLAN

TOILET ROOM ACCESSORY SCHEDULE

AC-1 - 36" GRAB BAR WITH CONCEALED MOUNTING

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AC-3 - 18"X30" MIRROR (SURFACE MOUNTED)

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AC-7 - WALL BUMPER

AC-8 - NEW TOILET PARTITIONS AND DOOR

AC-9 - EYE WASH STATION

MOUNTING HEIGHTS FOR TOILET ROOM ELEMENTS

HC ELEMENTS SHOWN; NON-HC MOUNTING HEIGHTS NOTED IN PARENTHESES

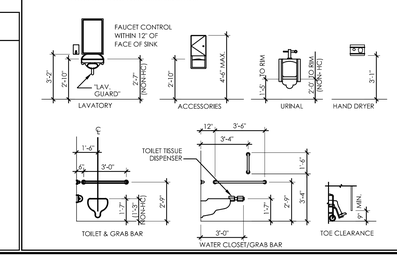
NOTES:

1.) STRUCTURAL STRENGTH OF GRAB BARS AND THEIR MOUNTING DEVICES ARE TO WITHSTAND FORCES UP TO 250 lbs./Ft. min.

2.) FORCE TO OPERATE VENDORS AND SOAP DISPENSERS SHALL BE A MAXIMUM 5 lbs. OF FORCE.

3.) ACCESS TO RECEPTACLE OPENINGS SHALL BE 15" MIN. TO 48" MAX. ABOVE FINISHED FLOOR TO ALLOW FOR FORWARD REACH.

MAX. MOUNTING HEIGHT FOR OPERATING PARTS OF MISC. ACCESSORIES, TOWEL DISPENSER, DISPOSAL UNITS, ETC. (UNLESS NOTED OTHERWISE)



GENERAL REMOVAL / CONSTRUCTION NOTES

1. REMOVAL DRAWINGS INDICATE ONLY MAJOR SCOPE OF REMOVALS INCLUDING BUT NOT LIMITED TO PARTITIONS, WALLS, CEILINGS, FLOORS, COLUMN ENCLOSURES, DOOR FRAMES AND DOORS, AND ANY OTHER EXISTING ITEMS. CONTRACTOR IS REQUIRED TO REMOVE ANY AND ALL ITEMS NOT SHOWN AS REQUIRED TO SUIT ALL NEW WORK.
2. EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT, FIXTURES, RISERS, SHAFTS, PIPES, OUTLETS, DEVICES, ETC. SHOWN ON DRAWINGS ARE APPROXIMATELY LOCATED. CONTRACTOR IS TO DETERMINE EXACT LOCATIONS OF ALL ITEMS IN THE FIELD.
3. ALL EXISTING ITEMS LISTED IN NOTE NO. 2 WHICH ARE TO REMAIN SHALL BE PROVIDED WITH NEW GYPSUM BOARD ENCLOSURES BY THE CONSTRUCTION CONTRACTOR. LOCATIONS SHOWN ARE APPROXIMATE. ALL PIPES AND DUCTS SHALL BE ENCLOSED IN ALL SPACES BY DRYWALL CONSTRUCTION AND HUNG CEILINGS EXCEPT SHAFTS WHICH SHALL BE EXTENDED TO STRUCTURAL DECK. CONTRACTOR IS TO INFORM OWNERS REPRESENTATIVE OF EXISTING LOCATIONS FOR POSSIBLE DIMENSIONAL ADJUSTMENTS.
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6. EACH CONTRACTOR SHALL FIRESTOP ALL NEW TRADE RELATED PENETRATIONS THROUGH FLOORS, PARTITIONS AND WALLS AT ALL LOCATIONS WITH APPROVED MATERIALS AND SYSTEMS.
7. PC TO REPLUMB EXISTING WATER AND WASTE PIPES TO NEW FIXTURES -SEE P-X FOR ADDITIONAL SCOPE.
8. GC TO PROVIDE OPENINGS IN EXISTING CMU WALLS, PROVIDE LINTELS AS SCHEDULED AND ALL CODE COMPLIANT FIRE STOPPING.
9. GC TO PATCH AND PREPARE MASONRY WALLS FOR REPAINTING.
10. GC TO PATCH AND PREPARE CONCRETE SLAB FOR NEW EPOXY FLOOR FINISH.

REMOVAL KEYNOTES

1 REMOVE EXISTING WALL SYSTEM AS INDICATED.
2 REMOVE ALL EXISTING PLUMBING FIXTURES, REFER TO MEP DRAWINGS.
3 REMOVE EXISTING DOOR AND FRAME SYSTEM IN THEIR ENTIRETY, AND SURRENDER HARDWARE TO OWNER
4 REMOVE ALL EXISTING WALL & FLOOR FINISHES.
5 REMOVE EXISTING SURFACE MOUNTED ACCESSORIES
6 REMOVE EXISTING TOILET PARTITIONS, DOOR AND WALL COMPONENTS
7 REMOVE EXISTING CEILING AND ASSOCIATED ELEMENTS.
8 REMOVE EXISTING LIGHT FIXTURES, REFER TO MEP DRAWINGS.
9 REMOVE EXISTING SKYLIGHT
10 REMOVE EXISTING CEILING VENTS, REFER TO MEP DRAWINGS.
11 REMOVE EXISTING RADIATOR AND TURN OVER TO OWNER, REFER TO MEP DRAWINGS.
12 REMOVE AND RELOCATE EXISTING FIRE ALARM STROBE, REFER TO MEP DRAWINGS.
13 REMOVE AND RELOCATE EXISTING LIGHT SWITCH, REFER TO MEP DRAWINGS.
14 EXISTING PIPING TO REMAIN.
15 EXISTING PIPES TO REMAIN, REFER TO MEP DRAWINGS.

REMOVAL LEGEND

= REMOVAL KEY
= EXISTING PARTITIONS TO BE REMOVED N THEIR ENTIRETY

CONSTRUCTION KEYNOTES

1 G.C. TO CONSTRUCT NEW WALL. REFER TO PARTITION TYPES ON SHEET A-800.
2 G.C. TO PROVIDE NEW PLUMBING FIXTURES
3 G.C. TO PROVIDE AND INSTALL NEW DOOR. REFER TO DOOR SCHEDULE FOR SIZING AND HARDWARE INFORMATION ON SHEET A-700.
4 G.C. TO PROVIDE NEW SURFACE MOUNTED ACCESSORIES. REFER TO ACCESSORIES SCHEDULE ON SHEET KP A103.
5 G.C. TO INFILL EXISTING OPENINGS WITH 2x STUDS, AS REQUIRED AND INSTALL ABUSE RESISTANT GYPSUM WALL BOARD. REFER TO FINISH SCHEDULE ON SHEET A-900. NEW WALLS TO MATCH ADJACENT FINISHES.
6 G.C. TO PREPARE EXISTING MASONRY WALL TO RECEIVE NEW TILE. REFER TO SHEET A-400 FOR INTERIOR ELEVATIONS.
7 G.C. TO PROVIDE NEW WALL TILE. REFER TO SHEET A-400 FOR INTERIOR ELEVATIONS.
8 G.C. TO INSTALL NEW FLOOR FINISH. REFER TO FINISH SCHEDULE SHEET A-900.
9 G.C. TO INSTALL NEW GYPSUM CEILING BOARD AND PAINT. REFER TO SHEET A-900 FOR FINISH SELECTIONS.
10 G.C. TO INSTALL NEW LIGHT FIXTURES. REFER TO MEP DRAWINGS.
11 G.C. TO INSTALL NEW CEILING VENTS. REFER TO MEP DRAWINGS.
12 G.C. TO REFINISH EXISTING CEILING SURFACE.
13 G.C. TO INSTALL NEW RELOCATED LIGHT SWITCH. REFER TO MEP DRAWINGS.
14 G.C. TO PROVIDE AND INSTALL GENDER NEUTRAL SIGNAGE. REFER TO SHEET A802 FOR DETAILS.

CONSTRUCTION LEGEND

# = CONSTRUCTION KEY
A = PROPOSED PARTITION. REFER TO SHEET 11A-800 FOR PARTITION TYPES
D# = NEW DOOR TAG
= PROPOSED PARTITION- REFER TO SHEET A-800 FOR PARTITION TYPES
= 5'-0" TURNING RADIUS
= 30" x 48" CLEAR FLOOR SPACE AT LAVATORY
= PROPOSED 24" x 24" LIGHT FIXTURE
= PROPOSED 24" x 48" LIGHT FIXTURE
= PROPOSED VENTILATION GRILLE
$ = SWITCH
= EXISTING FIRE ALARM STROBE

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REVISIONS

NO.	DATE	BY	CHKD	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
2	01/07/2021	LJ	CG	ADDENDUM #1
#	02/19/2021	KS	#	ISSUED FOR BID

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KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

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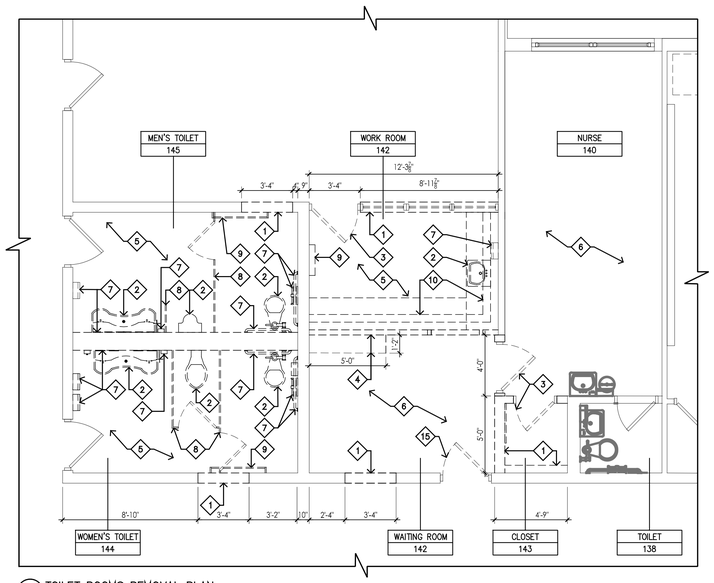
SHEET TITLE
TOILET ROOM REMOVAL , CONSTRUCTION AND RCP PLANS

PROJECT NUMBER
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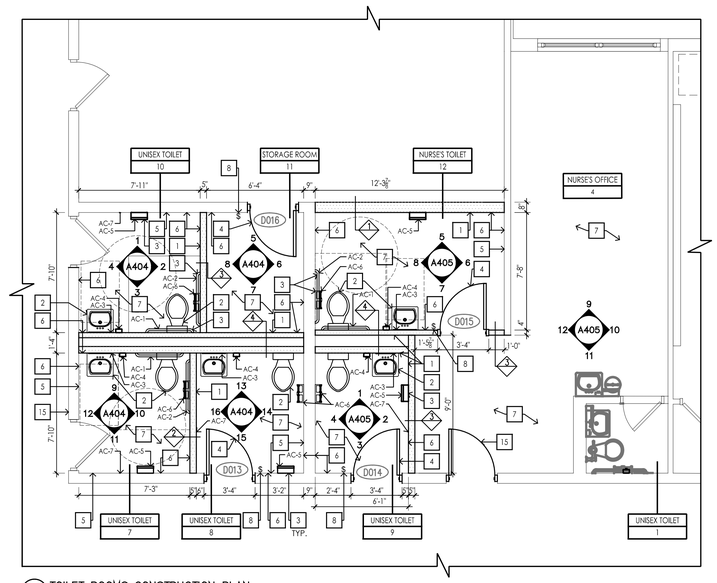
KP
A103
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

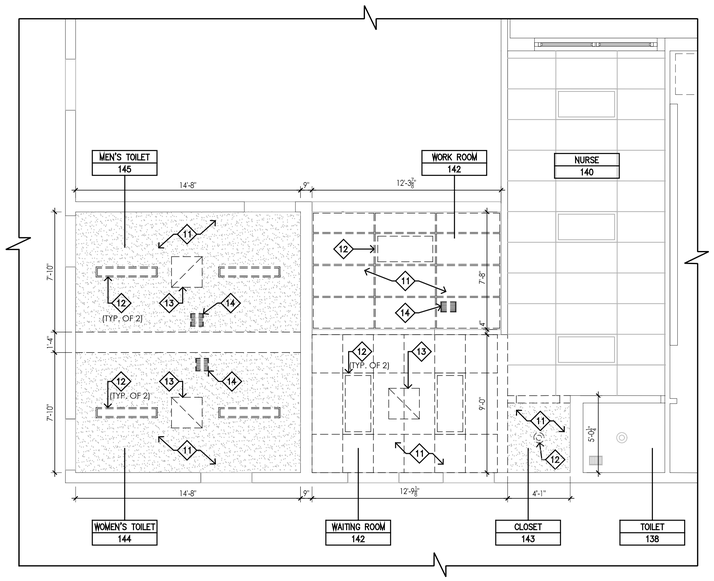
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Date last plotted: 3/26/2021 11:06 AM
Date last accessed: 3/26/2021 8:30 AM
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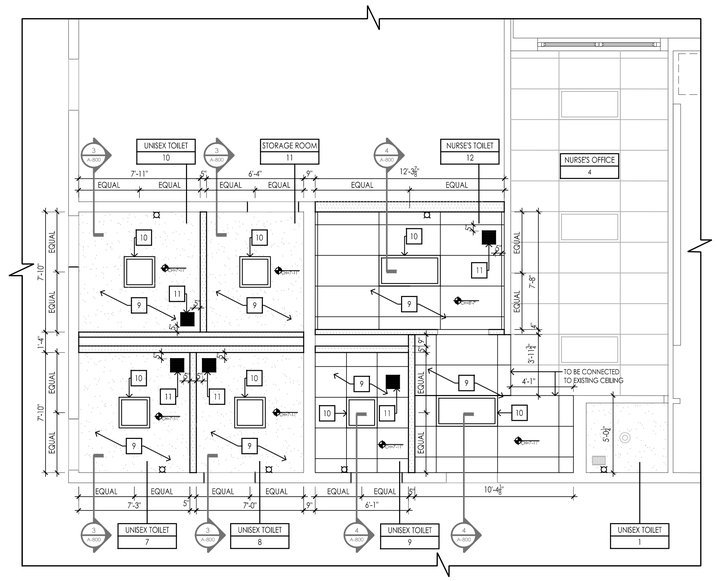
1 TOILET ROOMS REMOVAL PLAN
SCALE: 1/4"=1'-0" (1,010 SF EXISTING FLOOR & WALL TILE REMOVAL)



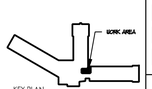
2 TOILET ROOMS CONSTRUCTION PLAN
SCALE: 1/4"=1'-0"



3 TOILET ROOMS RCP REMOVAL PLAN
SCALE: 1/4"=1'-0"



4 TOILET ROOMS RCP CONSTRUCTION PLAN
SCALE: 1/4"=1'-0"



KEY PLAN

TOILET ROOM ACCESSORY SCHEDULE

AC-1 - 36" GRAB BAR WITH CONCEALED MOUNTING

AC-2 - 42" GRAB BAR WITH CONCEALED MOUNTING

AC-3 - 18"X30" MIRROR (SURFACE MOUNTED)

AC-4 - SURFACE MOUNTED SOAP DISPENSER

AC-5 - SURFACE MOUNTED HAND DRYER (PROVIDED AND INSTALLED BY OWNER)

AC-6 - SURFACE MOUNTED DOUBLE-ROLL TOILET TISSUE DISPENSER (PROVIDED AND INSTALLED BY OWNER)

AC-7 - WALL BUMPER

AC-8 - NEW TOILET PARTITIONS AND DOOR

AC-9 - EYE WASH STATION

MOUNTING HEIGHTS FOR TOILET ROOM ELEMENTS

HC ELEMENTS SHOWN; NON-HC MOUNTING HEIGHTS NOTED IN PARENTHESES

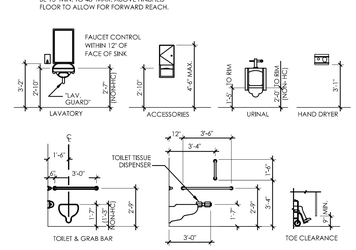
NOTES:

1.) STRUCTURAL STRENGTH OF GRAB BARS AND THEIR MOUNTING DEVICES ARE TO WITHSTAND FORCES UP TO 250 lbs./Ft. min.

2.) FORCE TO OPERATE VENDORS AND SOAP DISPENSERS SHALL BE A MAXIMUM 5 lbs. OF FORCE.

3.) ACCESS TO RECEPTACLE OPENINGS SHALL BE 15" MIN. TO 48" MAX. ABOVE FINISHED FLOOR TO ALLOW FOR FORWARD REACH.

MAX. MOUNTING HEIGHT FOR OPERATING PARTS OF MISC. ACCESSORIES, TOWEL DISPENSER, DISPOSAL UNITS, ETC. (UNLESS NOTED OTHERWISE)



GENERAL REMOVAL / CONSTRUCTION NOTES

1. REMOVAL DRAWINGS INDICATE ONLY MAJOR SCOPE OF REMOVALS INCLUDING BUT NOT LIMITED TO PARTITIONS, WALLS, CEILINGS, FLOORS, COLUMN ENCLOSURES, DOOR FRAMES AND DOORS, AND ANY OTHER EXISTING ITEMS. CONTRACTOR IS REQUIRED TO REMOVE ANY AND ALL ITEMS NOT SHOWN AS REQUIRED TO SUIT ALL NEW WORK.
2. EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT, FIXTURES, RISERS, SHAFTS, PIPES, OUTLETS, DEVICES, ETC., SHOWN ON DRAWINGS ARE APPROXIMATELY LOCATED. CONTRACTOR IS TO DETERMINE EXACT LOCATIONS OF ALL ITEMS IN THE FIELD.
3. ALL EXISTING ITEMS LISTED IN NOTE NO. 2 WHICH ARE TO REMAIN SHALL BE PROVIDED WITH NEW GYPSUM BOARD ENCLOSURES BY THE CONSTRUCTION CONTRACTOR. LOCATIONS SHOWN ARE APPROXIMATE. ALL PIPES AND DUCTS SHALL BE ENCLOSED IN ALL SPACES BY DRYWALL CONSTRUCTION AND HUNG CEILINGS EXCEPT SHAFTS WHICH SHALL BE EXTENDED TO STRUCTURAL DECK. CONTRACTOR IS TO INFORM OWNERS REPRESENTATIVE OF EXISTING LOCATIONS FOR POSSIBLE DIMENSIONAL ADJUSTMENTS.
4. CONTRACTOR IS TO VERIFY ANY MAJOR DIMENSIONAL DEVIATIONS FROM DRAWINGS OR STRUCTURAL OBSTRUCTIONS. THESE SHALL BE BROUGHT TO THE OWNERS REPRESENTATIVE'S ATTENTION. ALL CONTRACT DRAWINGS INDICATE APPROXIMATE DIMENSIONS AND EXISTING CONDITIONS BASED ON FIELD SURVEY AND DRAWINGS FURNISHED BY THE OWNER. VARIATIONS MAY EXIST AS TO FIELD CONDITIONS. THE COST FOR ANY SUCH VARIATIONS SHALL BE INCLUDED WITHIN THE CONTRACT BID.
5. ALL SURFACES DISTURBED BY REMOVALS SHALL BE PATCHED TO MATCH EXISTING ADJACENT FINISHES. TYPICAL THROUGHOUT FOR WALLS, CEILINGS AND FLOORS, OR AS NOTED ON NEW FINISH SCHEDULE.
6. EACH CONTRACTOR SHALL FIRESTOP ALL NEW TRADE RELATED PENETRATIONS THROUGH FLOORS, PARTITIONS AND WALLS AT ALL LOCATIONS WITH APPROVED MATERIALS AND SYSTEMS.
7. PC TO REPLUMB EXISTING WATER AND WASTE PIPES TO NEW FIXTURES -SEE P-X FOR ADDITIONAL SCOPE.
8. GC TO PROVIDE OPENINGS IN EXISTING CMU WALLS, PROVIDE LINTELS AS SCHEDULED AND ALL CODE COMPLIANT FIRE STOPPING.
9. GC TO PATCH AND PREPARE MASONRY WALLS FOR REPAINTING.
10. GC TO PATCH AND PREPARE CONCRETE SLAB FOR NEW EPOXY FLOOR FINISH.

REMOVAL KEYNOTES

1. REMOVE EXISTING WALL SYSTEM AS INDICATED.
2. REMOVE ALL EXISTING PLUMBING FIXTURES, REFER TO MEP DRAWINGS.
3. REMOVE EXISTING DOOR AND FRAME SYSTEM IN THEIR ENTIRETY, AND SURRENDER HARDWARE TO OWNER
4. REMOVE CONCRETE SLAB FOR NEW WASTE AND SUPPLY LINES. REFER TO MEP DRAWINGS.
5. REMOVE ALL EXISTING WALL & FLOOR FINISHES.
6. REMOVE PORTION OF EXISTING VCT FLOORING.
7. REMOVE EXISTING SURFACE MOUNTED ACCESSORIES.
8. REMOVE EXISTING TOILET PARTITIONS, DOOR AND WALL COMPONENTS.
9. REMOVE EXISTING RADIATOR AND TURN OVER TO OWNER.
10. G.C. TO REMOVE EXISTING CABINETRY AND TURNOVER TO OWNER.
11. REMOVE EXISTING ACT TILE, TRACK SYSTEM AND CEILING FINISHES.
12. REMOVE EXISTING LIGHT FIXTURES. REFER TO MEP DRAWINGS.
13. G.C. TO REMOVE EXISTING SKYLIGHT AND COMPONENTS.
14. REMOVE EXISTING LIGHT VENTS. REFER TO MEP DRAWINGS.
15. REVERSE EXISTING DOOR SWING.

REMOVAL LEGEND

◇ = REMOVAL KEY

= EXISTING PARTITIONS TO BE REMOVED IN THEIR ENTIRETY

CONSTRUCTION KEYNOTES

1. G.C. TO CONSTRUCT NEW WALL. REFER TO PARTITION TYPES ON SHEET A-800.
2. G.C. TO PROVIDE NEW PLUMBING FIXTURES
3. G.C. TO PROVIDE NEW SURFACE MOUNTED ACCESSORIES. REFER TO ACCESSORIES SCHEDULE ON SHEET KP A103.
4. G.C. TO PROVIDE AND INSTALL NEW DOOR. REFER TO DOOR SCHEDULE FOR SIZING AND HARDWARE INFORMATION ON SHEET A-700.
5. G.C. TO PREPARE EXISTING MASONRY WALL TO RECEIVE NEW TILE. REFER TO SHEET A-400 FOR INTERIOR ELEVATIONS.
6. G.C. TO PROVIDE NEW WALL FINISH. REFER TO SHEET A-400 FOR INTERIOR ELEVATIONS.
7. G.C. TO INSTALL NEW FLOOR FINISH. REFER TO FINISH SCHEDULE SHEET A-900.
8. G.C. TO INSTALL NEW LIGHT SWITCH
9. G.C. TO INSTALL NEW CEILING GRID SYSTEMS. ACT TILES AND GYPSUM CEILING BOARD AND PAINT. REFER TO SHEET A-900 FOR FINISH SELECTIONS.
10. G.C. TO INSTALL NEW LIGHT FIXTURES. REFER TO MEP DRAWINGS.
11. G.C. TO PROVIDE AND INSTALL NEW CEILING VENTS.
12. EXISTING DOOR SWING REVERSED.
13. G.C. TO PROVIDE AND INSTALL NEW GENDER NEUTRAL SIGNAGE. REFER TO SHEET A802 FOR DETAILS.

CONSTRUCTION LEGEND

= CONSTRUCTION KEY

A = PROPOSED PARTITION, REFER TO SHEET 1/A-800 FOR PARTITION TYPES

D# = NEW DOOR TAG

= PROPOSED PARTITION- REFER TO SHEET A-800 FOR PARTITION TYPES

= 5'-0" TURNING RADIUS

= 30" x 48" CLEAR FLOOR SPACE AT LAVATORY

= PROPOSED LIGHT FIXTURE

= PROPOSED VENTILATION GRILLE

$ = SWITCH

= EXISTING FIRE ALARM STROBE

= PROPOSED 24" X 24" ACT CEILING

= PROPOSED 48" X 24" ACT CEILING

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DATE	DRAWN	CHECKED
11/30/2020	JG	CG

SCALE AS SHOWN

SHEET TITLE
TOILET ROOM REMOVAL, CONSTRUCTION AND RCP PLANS

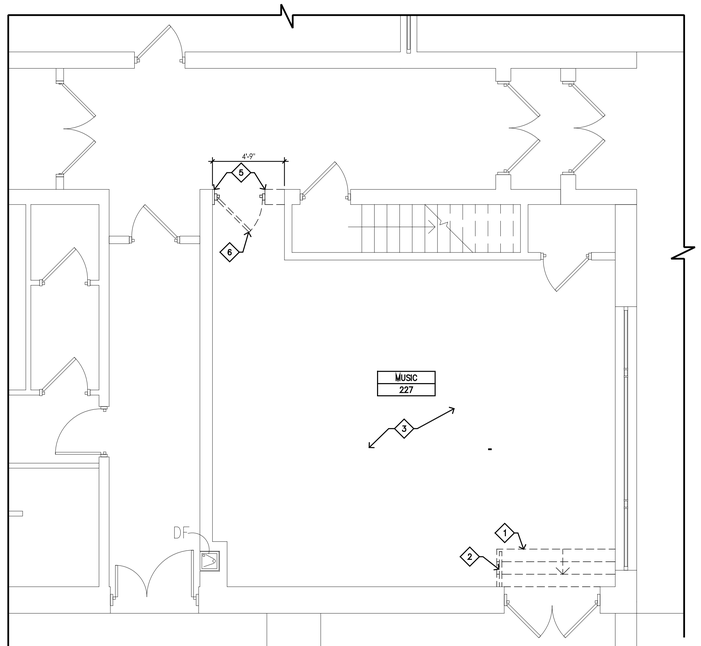
PROJECT NUMBER
70019.00

MP
A104
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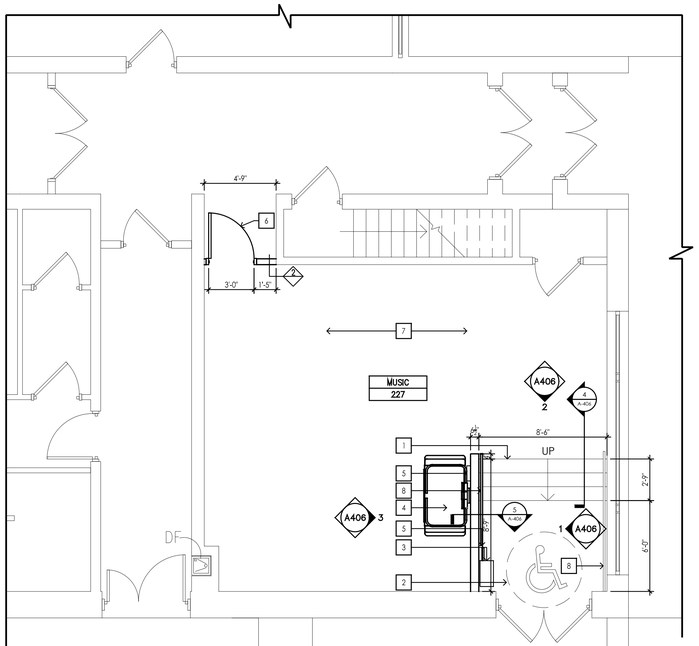
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Drawing Name: S:\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\ARCH\MP\MP A104 - TOILET ROOM REMOVAL CONST. & RCP PLANS.dwg Date last accessed: 3/26/2021 8:29 AM Date last plotted: 3/26/2021 11:59 AM Plotted By: Julie Gamerota

ALTERNATE NO. 1



1 STAGE #125/MUSIC #227 REMOVAL PLAN
SCALE: 1/4"=1'-0"



2 STAGE #125/MUSIC #227 CONSTRUCTION PLAN
SCALE: 1/4"=1'-0"

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6. EACH CONTRACTOR SHALL FIRESTOP ALL NEW TRADE RELATED PENETRATIONS THROUGH FLOORS, PARTITIONS AND WALLS AT ALL LOCATIONS WITH APPROVED MATERIALS AND SYSTEMS.
7. GC TO PATCH AND PREPARE MASONRY WALLS FOR REPAINTING.
8. GC TO PATCH AND PREPARE CONCRETE SLAB FOR NEW EPOXY FLOOR FINISH.

REMOVAL KEYNOTES

1. REMOVE EXISTING STAIR.
2. REMOVE ALL EXISTING HANDRAILS.
3. REMOVE EXISTING WALL BASE AND FLOOR FINISHES.
4. REMOVE EXISTING SPEAKER AND SHELF.
5. REMOVE PORTION OF EXISTING CORRIDOR WALL.
6. RELOCATE AND REVERSE EXISTING DOOR SWING.

REMOVAL LEGEND

(#) = REMOVAL KEY

= EXISTING PARTITIONS TO BE REMOVED IN THEIR ENTIRETY

CONSTRUCTION KEYNOTES

1. G.C. TO PROVIDE AND INSTALL NEW WOOD STAIRS. REFER TO KE A406.
2. G.C. TO PROVIDE AND INSTALL NEW WOOD PLATFORM TO ALLOW FOR 5'-0" TURNING RADIUS.
3. G.C. TO PROVIDE AND INSTALL NEW DRIVE BOX FOR NEW LIFT.
4. G.C. PROVIDE AND INSTALL NEW LIFT. REFER TO ELECTRICAL DRAWINGS.
5. G.C. PROVIDE AND INSTALL NEW LIFT CONTROLS AT BOTTOM OF STAIRS AND TOP AT NEW PLATFORM. REFER TO ELECTRICAL DRAWINGS.
6. G.C. TO REVERSE EXISTING DOOR SWING.
7. G.C. TO INSTALL NEW WALL BASE AND FLOOR FINISHES. REFER TO FINISH SCHEDULE A-900.
8. G.C. TO INSTALL NEW HANDRAIL EACH SIDE

CONSTRUCTION LEGEND

(#) = CONSTRUCTION KEY

(A) = PROPOSED PARTITION, REFER TO SHEET 1/A-800 FOR PARTITION TYPES

(D#) = NEW DOOR TAG

= 5'-0" TURNING RADIUS

KEY PLAN



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2	03/29/2021	JG	JP	ISSUED FOR BID

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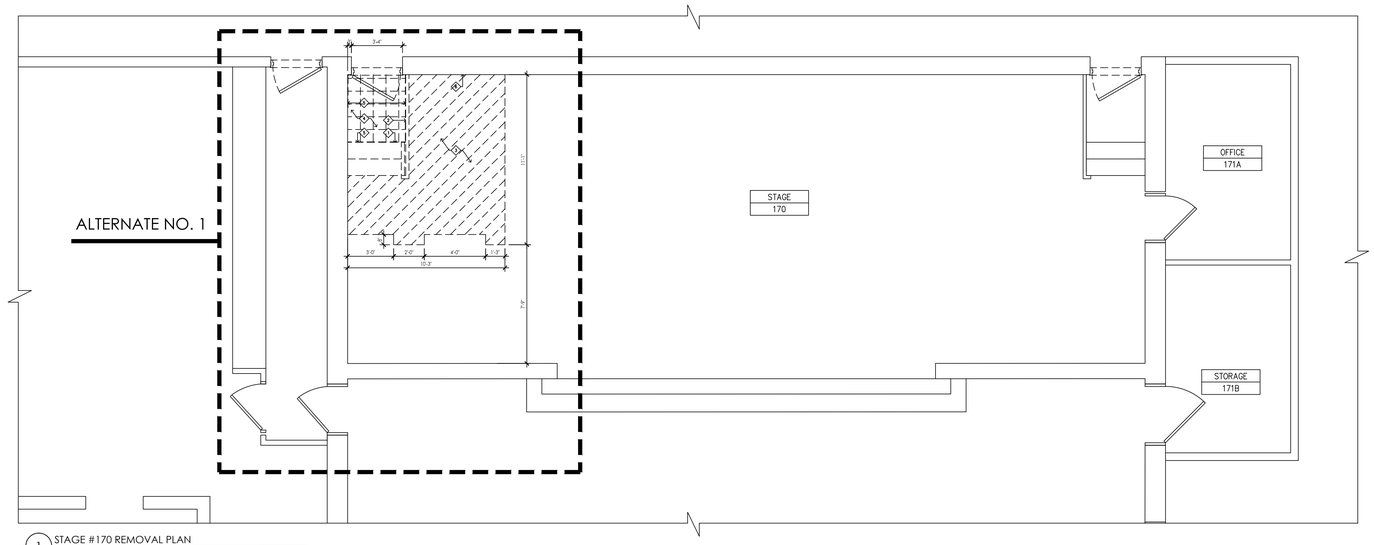
SHEET TITLE
PART STAGE REMOVAL AND CONSTRUCTION PLANS

PROJECT NUMBER
70019.00

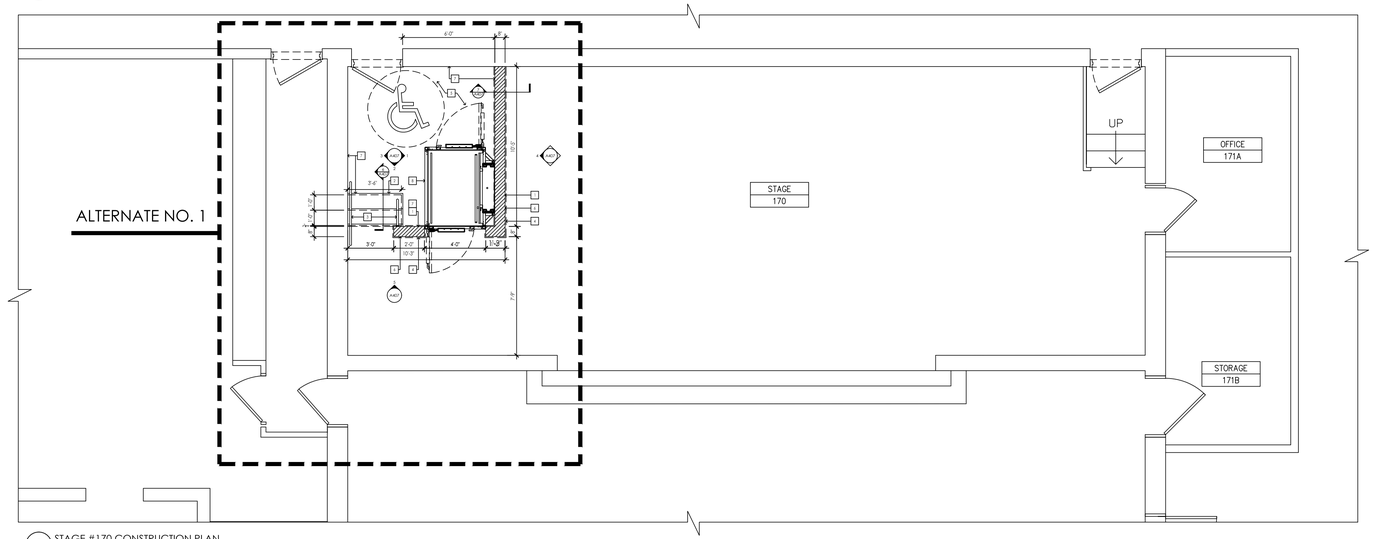
KE
A105
DRAWING NUMBER

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Drawing Name: S:\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\ARCH\KE\KE A105 - PART STAGE REMOVAL & CONST. PLANS.dwg Date last accessed: 3/26/2021 8:30 AM Date last plotted: 3/26/2021 8:33 AM Plotted By: Julie Gamerota



1 STAGE #170 REMOVAL PLAN
SCALE: 1/4"=1'-0"



2 STAGE #170 CONSTRUCTION PLAN
SCALE: 1/4"=1'-0"

GENERAL REMOVAL / CONSTRUCTION NOTES

1. REMOVAL DRAWINGS INDICATE ONLY MAJOR SCOPE OF REMOVALS INCLUDING BUT NOT LIMITED TO PARTITIONS, WALLS, CEILINGS, FLOORS, COLUMN ENCLOSURES, DOOR FRAMES AND DOORS, AND ANY OTHER EXISTING ITEMS. CONTRACTOR IS REQUIRED TO REMOVE ANY AND ALL ITEMS NOT SHOWN AS REQUIRED TO SUIT ALL NEW WORK.
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4. CONTRACTOR IS TO VERIFY ANY MAJOR DIMENSIONAL DEVIATIONS FROM DRAWINGS OR STRUCTURAL OBSTRUCTIONS. THESE SHALL BE BROUGHT TO THE OWNERS REPRESENTATIVE'S ATTENTION. ALL CONTRACT DRAWINGS INDICATE APPROXIMATE DIMENSIONS AND EXISTING CONDITIONS BASED ON FIELD SURVEY AND DRAWINGS FURNISHED BY THE OWNER. VARIATIONS MAY EXIST AS TO FIELD CONDITIONS. THE COST FOR ANY SUCH VARIATIONS SHALL BE INCLUDED WITHIN THE CONTRACT BID.
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6. EACH CONTRACTOR SHALL FIRESTOP ALL NEW TRADE RELATED PENETRATIONS THROUGH FLOORS, PARTITIONS AND WALLS AT ALL LOCATIONS WITH APPROVED MATERIALS AND SYSTEMS.
7. GC TO PATCH AND PREPARE MASONRY WALLS FOR REPAINTING.
8. GC TO PATCH AND PREPARE CONCRETE SLAB FOR NEW EPOXY FLOOR FINISH.

REMOVAL KEYNOTES

1. REMOVE EXISTING WOOD STEPS
2. REMOVE ALL EXISTING WOOD RAIL
3. SAW CUT EXISTING WOOD DECK
4. REMOVE ALL EXISTING VCT FLOOR FINISH
5. REMOVE EXISTING VINYL BASE
6. REMOVE EXISTING WOOD BASE

REMOVAL LEGEND

- (#) = REMOVAL KEY
- = EXISTING PARTITIONS TO BE REMOVED IN THEIR ENTIRETY
- = EXISTING WOOD DECK TO BE REMOVED IN THEIR ENTIRETY
- = EXISTING VCT FLOOR FINISH TO BE REMOVED
- = EXISTING WOOD RAIL TO BE REMOVED
- = EXISTING WOOD STEPS TO BE REMOVED

CONSTRUCTION KEYNOTES

1. G.C. TO PROVIDE AND INSTALL NEW WALL.
2. G.C. TO PROVIDE AND INSTALL NEW WOOD STEPS.
3. G.C. TO PROVIDE AND INSTALL NEW RAIL.
4. G.C. TO PROVIDE AND INSTALL NEW WALL TOP COVER.
5. G.C. TO PROVIDE AND INSTALL NEW VCT FLOOR FINISH.
6. G.C. TO PROVIDE AND INSTALL NEW WOOD BASE.
7. G.C. TO PROVIDE AND INSTALL VINYL BASE.
8. G.C. TO PROVIDE AND INSTALL NEW LIFT TO BE INSTALLED BY THE MANUFACTURE.

CONSTRUCTION LEGEND

- (#) = CONSTRUCTION KEY
- = 5'-0" TURNING RADIUS
- = PROPOSED PARTITION, SEE SHEET KP A-407 FOR DETAILS
- = NEW RAIL

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

332 NY-100
SOMERS, NEW YORK 10589
TEL (914) 276-0777
FAX (914) 276-0779

REVISIONS

NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
1	01/07/2021	-	-	ADDENDUM #1
2	03/29/2021	JG	JP	ISSUED FOR BID

ENVIRONMENTAL CONSULTANT

ADELAIDE ENVIRONMENTAL HEALTH ASSOCIATES INC.
1511 ROUTE 22, SUITE C24
BREWSTER, NY 10509

TEL. 845. 278. 7710
FAX. 845.278.7750

CARMEL CENTRAL SCHOOL DISTRICT
81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563

CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
MATTHEW PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

SCALE AS SHOWN

SHEET TITLE
PART STAGE REMOVAL AND CONSTRUCTION PLANS

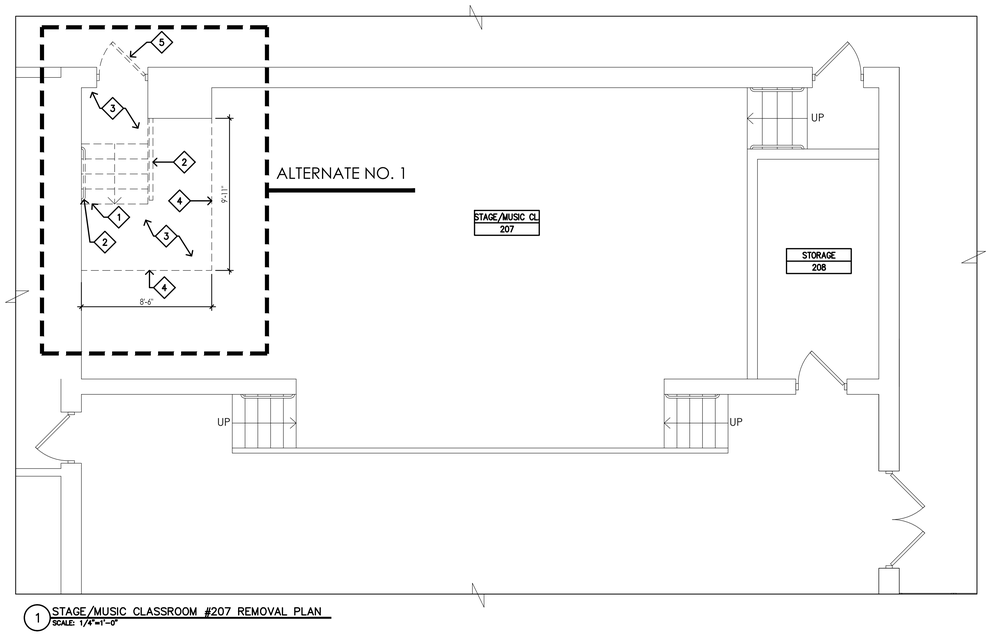
KEY PLAN
WORK AREA

PROJECT NUMBER
70019.00

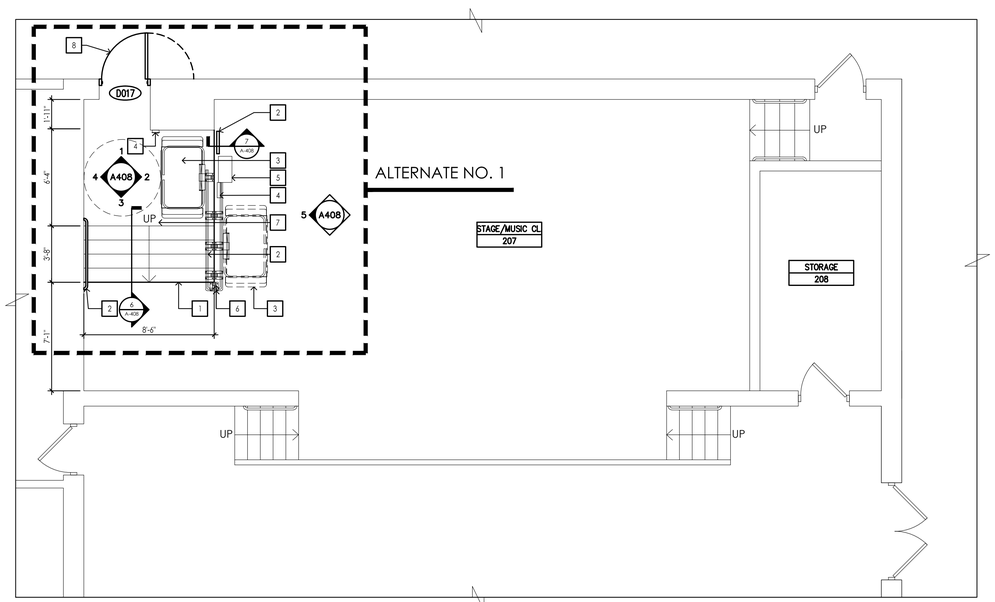
KP A106
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\ARCH\KP\KP A106 - PART STAGE REMOVAL & CONST. PLAN.dwg Date last accessed: 3/26/2021 8:30 AM Date last plotted: 3/26/2021 8:34 AM Plotted By: Julie Gomeroto



1 STAGE/MUSIC CLASSROOM #207 REMOVAL PLAN
SCALE: 1/4"=1'-0"



2 STAGE/MUSIC CLASSROOM #207 CONSTRUCTION PLAN
SCALE: 1/4"=1'-0"

GENERAL REMOVAL / CONSTRUCTION NOTES

1. REMOVAL DRAWINGS INDICATE ONLY MAJOR SCOPE OF REMOVALS INCLUDING BUT NOT LIMITED TO PARTITIONS, WALLS, CEILINGS, FLOORS, COLUMN ENCLOSURES, DOOR FRAMES AND DOORS, AND ANY OTHER EXISTING ITEMS. CONTRACTOR IS REQUIRED TO REMOVE ANY AND ALL ITEMS NOT SHOWN AS REQUIRED TO SUIT ALL NEW WORK.
2. EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT, FIXTURES, RISERS, SHAFTS, PIPES, OUTLETS, DEVICES, ETC. SHOWN ON DRAWINGS ARE APPROXIMATELY LOCATED. CONTRACTOR IS TO DETERMINE EXACT LOCATIONS OF ALL ITEMS IN THE FIELD.
3. ALL EXISTING ITEMS LISTED IN NOTE NO. 2 WHICH ARE TO REMAIN SHALL BE PROVIDED WITH NEW GYPSUM BOARD ENCLOSURES BY THE CONSTRUCTION CONTRACTOR. LOCATIONS SHOWN ARE APPROXIMATE. ALL PIPES AND DUCTS SHALL BE ENCLOSED IN ALL SPACES BY DRYWALL CONSTRUCTION AND HUNG CEILINGS EXCEPT SHAFTS WHICH SHALL BE EXTENDED TO STRUCTURAL DECK. CONTRACTOR IS TO INFORM OWNERS REPRESENTATIVE OF EXISTING LOCATIONS FOR POSSIBLE DIMENSIONAL ADJUSTMENTS.
4. CONTRACTOR IS TO VERIFY ANY MAJOR DIMENSIONAL DEVIATIONS FROM DRAWINGS OR STRUCTURAL OBSTRUCTIONS. THESE SHALL BE BROUGHT TO THE OWNERS REPRESENTATIVE'S ATTENTION. ALL CONTRACT DRAWINGS INDICATE APPROXIMATE DIMENSIONS AND EXISTING CONDITIONS BASED ON FIELD SURVEY AND DRAWINGS FURNISHED BY THE OWNER. VARIATIONS MAY EXIST AS TO FIELD CONDITIONS. THE COST FOR ANY SUCH VARIATIONS SHALL BE INCLUDED WITHIN THE CONTRACT BID.
5. ALL SURFACES DISTURBED BY REMOVALS SHALL BE PATCHED TO MATCH EXISTING ADJACENT FINISHES. TYPICAL THROUGHOUT FOR WALLS, CEILINGS AND FLOORS, OR AS NOTED ON NEW FINISH SCHEDULE.
6. EACH CONTRACTOR SHALL FIRESTOP ALL NEW TRADE RELATED PENETRATIONS THROUGH FLOORS, PARTITIONS AND WALLS AT ALL LOCATIONS WITH APPROVED MATERIALS AND SYSTEMS.
7. GC TO PATCH AND PREPARE MASONRY WALLS FOR REPAINTING.
8. GC TO PATCH AND PREPARE CONCRETE SLAB FOR NEW EPOXY FLOOR FINISH.

REMOVAL KEYNOTES

1. REMOVE EXISTING STAIR.
2. REMOVE ALL EXISTING HANDRAILS.
3. REMOVE EXISTING WALL AND FLOOR FINISHES.
4. REMOVE PORTION OF EXISTING STAGE.
5. REMOVE EXISTING DOOR.

REMOVAL LEGEND

(#) = REMOVAL KEY

= EXISTING TO BE REMOVED IN THEIR ENTIRETY

CONSTRUCTION KEYNOTES

1. G.C. TO PROVIDE AND INSTALL NEW WOOD STAIRS.
2. G.C. TO PROVIDE AND INSTALL NEW METAL AND/OR WOOD HANDRAILS.
3. G.C. PROVIDE AND INSTALL NEW LIFT. REFER TO ELECTRICAL DRAWINGS.
4. G.C. PROVIDE AND INSTALL NEW LIFT CONTROLS BOXES AT BOTTOM AND TOP OF STAIRS. REFER TO ELECTRICAL DRAWINGS.
5. G.C. PROVIDE AND INSTALL NEW LIFT DRIVE BOX. REFER TO ELECTRICAL DRAWINGS.
6. G.C. PROVIDE AND INSTALL NEW LIFT SYSTEM TOWER AND RAIL SYSTEM.
7. G.C. PROVIDE AND INSTALL NEW FLOOR FINISH. REFER TO FINISH SCHEDULE A900.
8. G.C. PROVIDE AND INSTALL NEW DOOR. REFER TO DOOR SCHEDULE A700.

CONSTRUCTION LEGEND

[#] = CONSTRUCTION KEY

= 5'-0" TURNING RADIUS

CPLteam.com
ARCHITECTURE + ENGINEERING + PLANNING

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REVISIONS

NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
1	01.07.2021	-	-	ADDENDUM #1
2	02/19/2021	JG	JP	ISSUED FOR BID

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KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

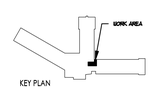
DATE	DRAWN	CHECKED
11/30/2020	LJ/JG	CG

SCALE AS SHOWN

SHEET TITLE
PART STAGE REMOVAL AND CONSTRUCTION PLANS

PROJECT NUMBER
70019.00

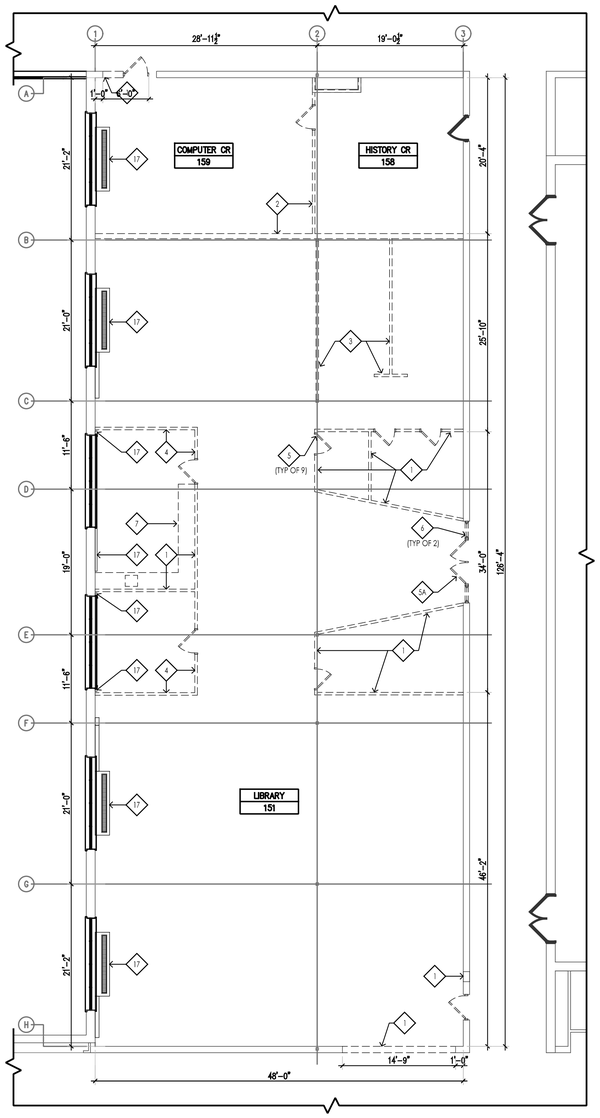
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A107
DRAWING NUMBER



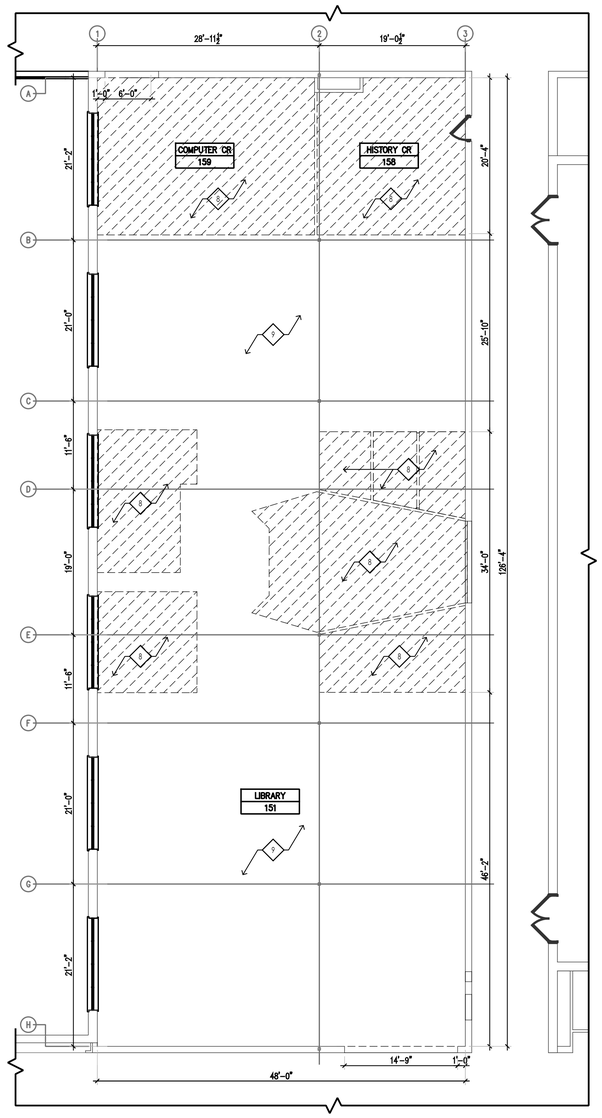
KEY PLAN

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

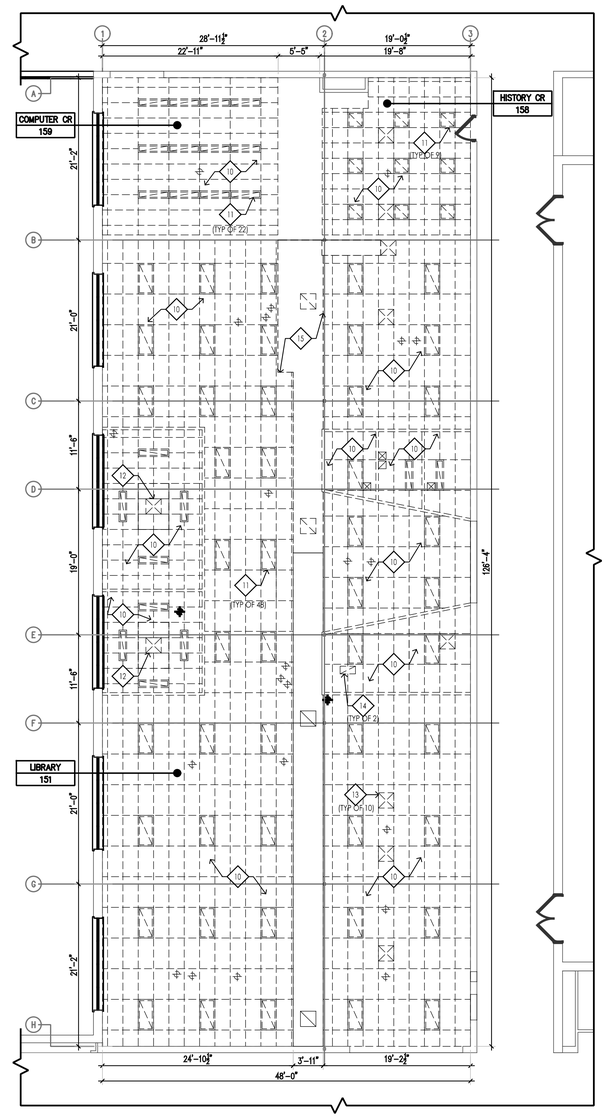
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1 LIBRARY REMOVAL PLAN
SCALE: 1/8"=1'-0"



2 LIBRARY FLOOR FINISH REMOVAL PLAN
SCALE: 1/8"=1'-0"



3 LIBRARY REFLECTED CEILING REMOVAL PLAN
SCALE: 1/8"=1'-0"

GENERAL REMOVAL / CONSTRUCTION NOTES

1. REMOVAL DRAWINGS INDICATE ONLY MAJOR SCOPE OF REMOVALS INCLUDING BUT NOT LIMITED TO PARTITIONS, WALLS, CEILINGS, FLOORS, COLUMN ENCLOSURES, DOOR FRAMES AND DOORS, AND ANY OTHER EXISTING ITEMS. CONTRACTOR IS REQUIRED TO REMOVE ANY AND ALL ITEMS NOT SHOWN AS REQUIRED TO SUIT ALL NEW WORK.
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6. EACH CONTRACTOR SHALL FIRESTOP ALL NEW TRADE RELATED PENETRATIONS THROUGH FLOORS, PARTITIONS AND WALLS AT ALL LOCATIONS WITH APPROVED MATERIALS AND SYSTEMS.
7. PC TO REPLUMB EXISTING WATER AND WASTE PIPES TO NEW FIXTURES -SEE P-X FOR ADDITIONAL SCOPE.
8. GC TO PROVIDE OPENINGS IN EXISTING CMU WALLS. PROVIDE LINTELS AS SCHEDULED AND ALL CODE COMPLIANT FIRE STOPPING.
9. GC TO PATCH AND PREPARE MASONRY WALLS FOR REPAINTING.
10. GC TO PATCH AND PREPARE CONCRETE SLAB FOR NEW EPOXY FLOOR FINISH.

REMOVAL KEYNOTES

1. REMOVE EXISTING CMU WALL DOWN TO SLAB, INCLUDING REINFORCING MATERIALS AND INSULATION.
2. REMOVE EXISTING PARTITION. REMOVE STEEL STUDS AND TRACK, WOOD PANEL BOARD, BOX HEADERS AND INSULATION, IF PRESENT. COORDINATE REMOVALS WITH ELECTRICAL DEMOLITION WORK.
3. REMOVE EXISTING LOW PARTITION. REMOVE STEEL STUDS AND TRACK, GYPSUM WALL BOARD, AND BOX HEADERS, IF PRESENT. COORDINATE REMOVALS WITH ELECTRICAL DEMOLITION WORK.
4. REMOVE EXISTING WOOD FRAMED CURTAIN WALL. COORDINATE REMOVALS WITH ELECTRICAL DEMOLITION WORK.
5. REMOVE EXISTING DOOR, FRAME, SILL AND FASTENERS IN IT'S ENTIRETY. TURN OVER HARDWARE TO OWNER.
5A. REMOVE EXISTING GLASS DOOR, FRAME, SILL AND FASTENERS IN IT'S ENTIRETY. TURN OVER HARDWARE TO OWNER.
6. REMOVE EXISTING FIXED WINDOW, SILL, FRAME AND FASTENERS IN IT'S ENTIRETY.
7. REMOVE WALL AND FLOOR MOUNTED CABINETRY. TURN OVER SINK AND FAUCET TO OWNER. COORDINATE REMOVALS WITH PLUMBING DEMOLITION WORK. COORDINATE REMOVALS WITH ELECTRICAL DEMOLITION WORK.
8. REMOVE EXISTING VINYL FLOOR AND BASE, ADHESIVE AND RELATED ITEMS IN ITS ENTIRETY.
9. REMOVE CARPET, PADDING, AND VINYL BASE. SCRAPE SLAB CLEAN OF MASTIC. COORDINATE REMOVALS WITH ELECTRICAL DEMOLITION WORK.
10. REMOVE EXISTING ACT AND GRID IN IT'S ENTIRETY, INCLUDING ALL THE ELECTRICAL DEVICES. COORDINATE WITH MECHANICAL REMOVAL. COORDINATE REMOVALS WITH ELECTRICAL DEMOLITION WORK.
11. EXISTING LIGHT FIXTURES TO BE REMOVED. SURRENDER THEM TO OWNER. COORDINATE REMOVALS WITH ELECTRICAL DEMOLITION WORK.
12. EXISTING SUPPLY GRILLE AND UNIT TO BE REMOVED. COORDINATE WITH MECHANICAL REMOVAL. COORDINATE REMOVALS WITH ELECTRICAL DEMOLITION WORK.
13. EXISTING SUPPLY GRILLE TO BE REMOVED. COORDINATE WITH MECHANICAL REMOVAL.
14. EXISTING EXHAUST GRILLE TO BE REMOVED. COORDINATE WITH MECHANICAL REMOVAL.
15. EXISTING EXHAUST DUCT SOFFIT TO BE REMOVED. COORDINATE WITH MECHANICAL REMOVAL.
16. EXISTING VENTILATION CONSOLE AND PIPES TO BE REMOVED. COORDINATE WITH MECHANICAL REMOVAL.
17. SAW CUT AND REMOVE EXISTING VENTILATION CONSOLE. COORDINATE WITH MECHANICAL REMOVAL.

REMOVAL LEGEND

- # — REMOVAL KEY
- EXISTING WALL AND PARTITIONS TO BE REMOVED IN THEIR ENTIRETY.
- VCT REMOVAL SCRAPE SLAB CLEAN OF MASTIC
- 24" x 24" ACT AND GRID REMOVAL.
- 24" x 48" ACT AND GRID REMOVAL.
- CEILING LIGHT REMOVAL.
- SUPPLY GRILLE REMOVAL.
- EXHAUST GRILLE REMOVAL.
- EXHAUST GRILLE TO REMAIN
- ELECTRICAL DEVICES REMOVAL. (EMERGENCY LIGHTS, CAMS, SMOKE DETECTORS, PROJECTORS)

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REVISIONS				
NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
1	01/07/2021	LJ	CG	ADDENDUM #1
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DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

SCALE: AS SHOWN

SHEET TITLE: LIBRARY REMOVAL PLANS

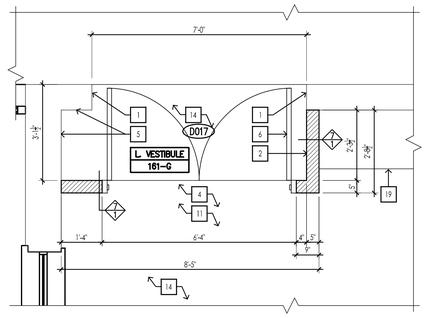
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GF A108

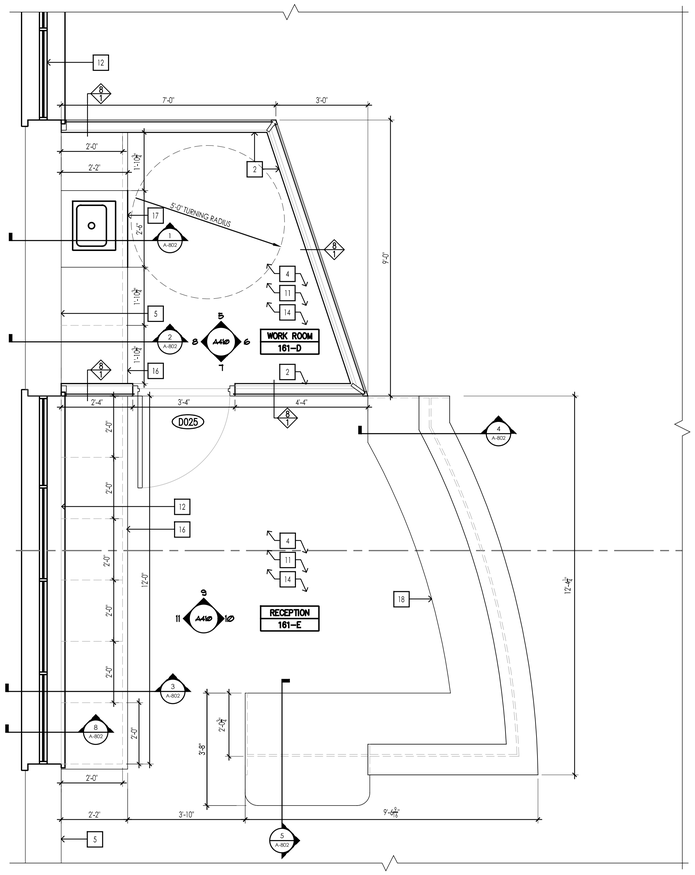
DRAWING NUMBER

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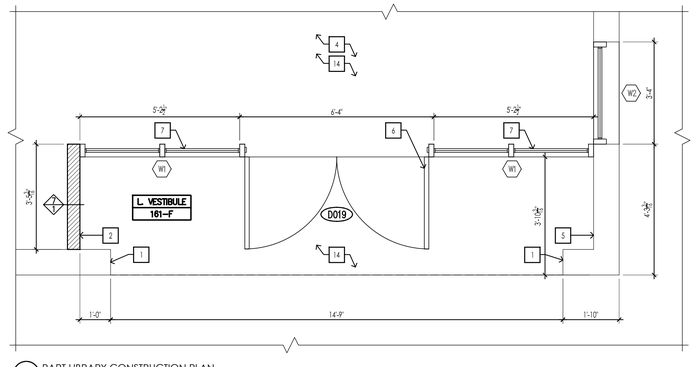
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Date last accessed: 3/26/2021 8:30 AM
Date last plotted: 3/26/2021 8:34 AM
Plotted By: Julie Comerota



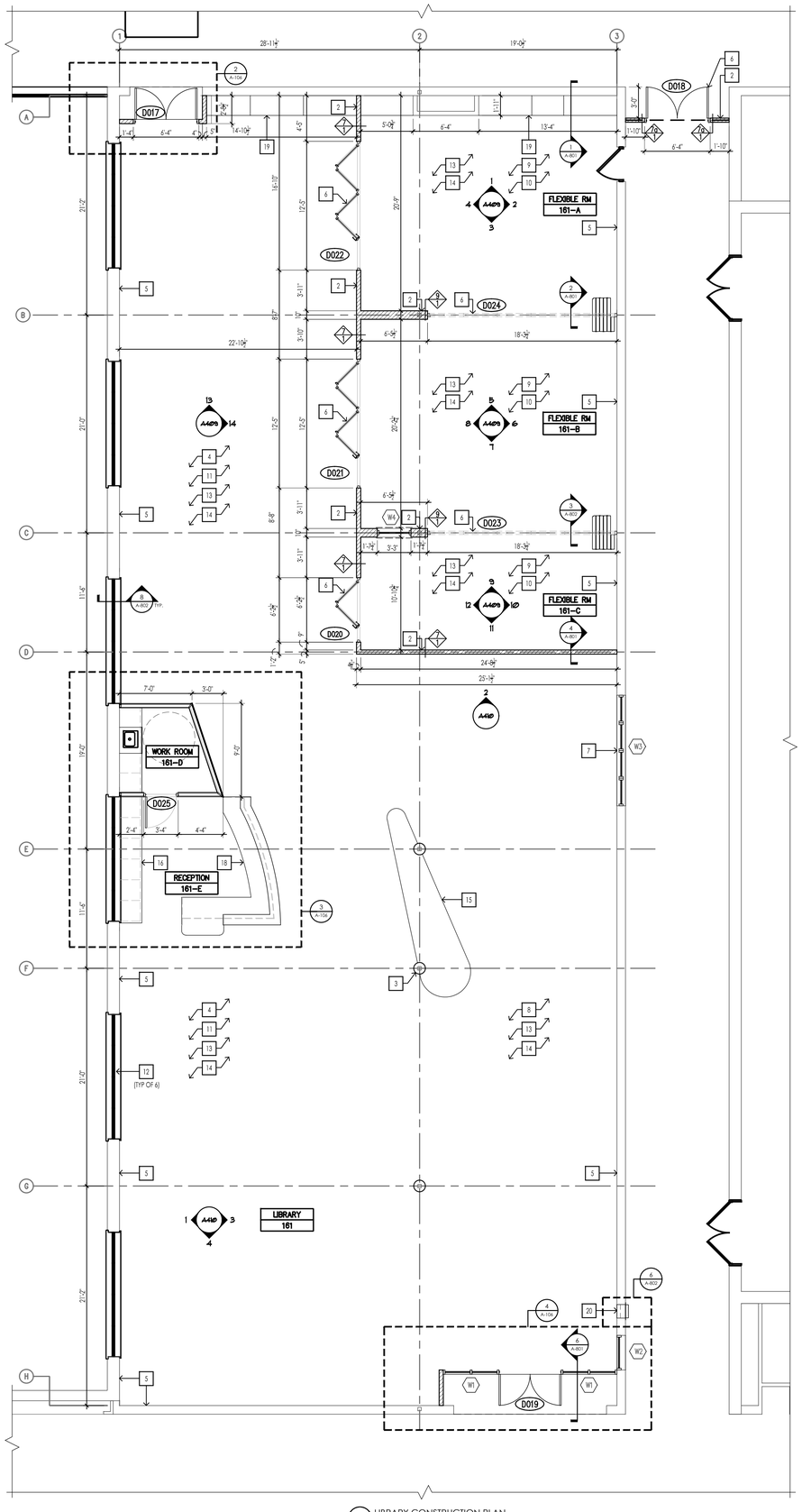
2 PART LIBRARY CONSTRUCTION PLAN
SCALE: 1/2"=1'-0"



3 PART LIBRARY CONSTRUCTION PLAN
SCALE: 1/2"=1'-0"



4 PART LIBRARY CONSTRUCTION PLAN
SCALE: 1/2"=1'-0"



1 LIBRARY CONSTRUCTION PLAN
SCALE: 3/16"=1'-0"

GENERAL REMOVAL / CONSTRUCTION NOTES

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6. EACH CONTRACTOR SHALL FIRESTOP ALL NEW TRADE RELATED PENETRATIONS THROUGH FLOORS. PARTITIONS AND WALLS AT ALL LOCATIONS WITH APPROVED MATERIALS AND SYSTEMS.
7. PC TO REPLUMB EXISTING WATER AND WASTE PIPES TO NEW FIXTURES -SEE P-X FOR ADDITIONAL SCOPE.
8. GC TO PROVIDE OPENINGS IN EXISTING CMU WALLS, PROVIDE LINTELS AS SCHEDULED AND ALL CODE COMPLIANT FIRE STOPPING.
9. GC TO PATCH AND PREPARE MASONRY WALLS FOR REPAINTING.
10. GC TO PATCH AND PREPARE CONCRETE SLAB FOR NEW EPOXY FLOOR FINISH.

CONSTRUCTION KEYNOTES

1. PATCH, PRIME AND PAINT EXISTING CMU WALL WHERE THE WALL WAS SAW CUT OR REMOVED.
2. G.C. TO CONSTRUCT NEW WALL. REFER TO PARTITION TYPES ON SHEET 1/A800.
3. G.C. TO CONSTRUCT NEW COLUMN COVER. REFER TO PARTITION TYPES ON SHEET 5/A801.
4. SEE GF A600
5. G.C. TO CLEAN, PRIME AND PAINT EXISTING INTERIOR WALLS. PATCH WHERE WALLS WERE REMOVED. REFER TO SHEET A900 FOR FINISH SELECTIONS.
6. G.C. TO PROVIDE AND INSTALL NEW DOOR. REFER TO DOOR SCHEDULE FOR SIZING AND HARDWARE INFORMATION ON SHEET A700.
7. G.C. TO PROVIDE AND INSTALL NEW WINDOW. REFER TO WINDOW DETAILS ON SHEET A701.
8. SEE GF A600
9. SEE GF A600
10. SEE GF A600
11. G.C. TO CLEAN, PRIME AND PAINT EXISTING INTERIOR SLAB. REFER TO SHEET A-900 FOR FINISH SELECTIONS.
12. G.C. TO PROVIDE A WINDOW HEAD AND WALL OVER THE EXISTING WINDOW. REFER TO WINDOW DETAILS ON SHEET 8/A801.
13. SEE GF A600 AND MEP DRAWINGS.
14. G.C. TO INSTALL NEW FLOOR AND BASE ON SCHEDULE. SEE SHEET A900 AND A901
15. G.C. TO INSTALL LAMINATE COUNTER TOP WITH CUSTOM BUILT BASE. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
16. G.C. TO INSTALL CUSTOM BUILT ON SITE CABINET AND LAMINATE COUNTER TOP. SEE DETAILS ON SHEET 3/A802.
17. G.C. TO INSTALL ACCESSIBLE SINK. SEE DETAILS ON SHEET 1/A802.
18. G.C. TO INSTALL CUSTOM BUILT ON SITE FRONT DESK. SEE DETAILS ON SHEET 4/A802.
19. G.C. TO INSTALL CUSTOM BUILT ON SITE FURNITURE. SEE DETAILS ON SHEET 5/A802.
20. G.C. TO INSTALL BOOK DROP. SEE DETAILS ON SHEET 6/A802.

CONSTRUCTION LEGEND

- # = CONSTRUCTION KEY
- = PROPOSED PARTITION. REFER TO SHEET 1/A-800 FOR PARTITION TYPES
- D# = NEW DOOR TAG
- W# = NEW WINDOW TAG
- A = PARTITION TYPE TAG
- = 5'-0" TURNING RADIUS
- = 1 HOUR RATED PARTITION

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SOMERS, NEW YORK 10589
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REVISIONS

NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
1	01/07/2021	-	-	ADDENDUM #1
2	03/29/2021	JKS	JP	ISSUED FOR BID

ENVIRONMENTAL CONSULTANT

ADELAIDE ENVIRONMENTAL HEALTH ASSOCIATES INC.
1511 ROUTE 22, SUITE C24
BREWSTER, NY 10509

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CARMEL CENTRAL SCHOOL DISTRICT
81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563

CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
MATTHER PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

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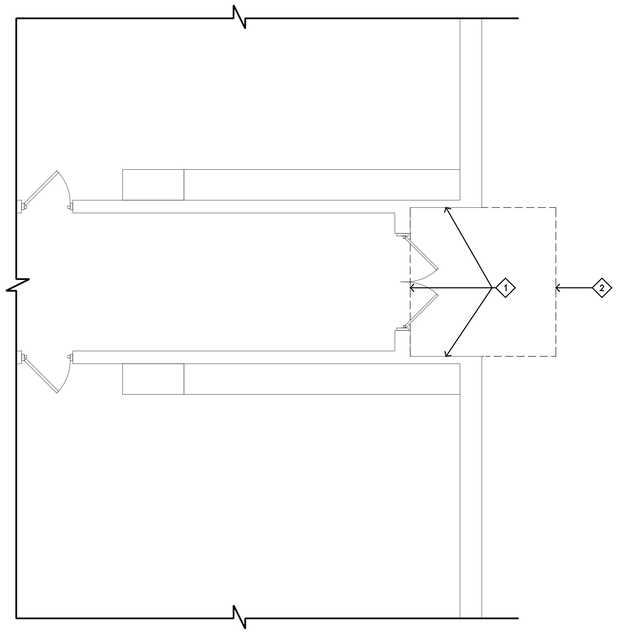
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LIBRARY CONSTRUCTION PLANS

PROJECT NUMBER
70019.00

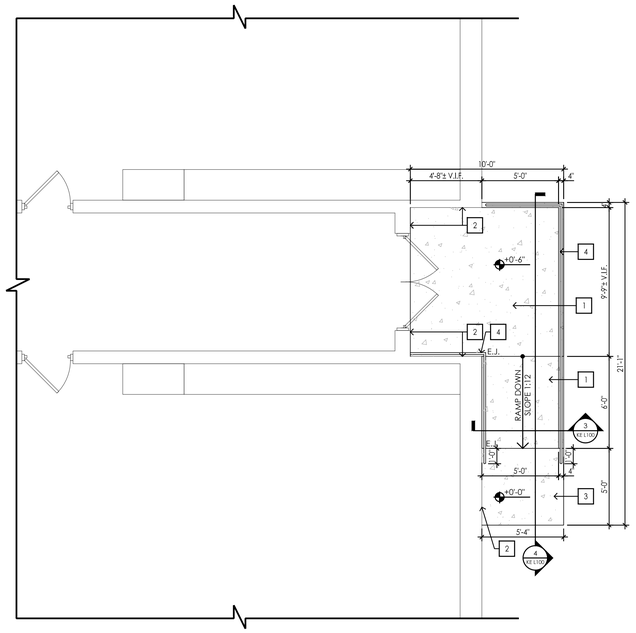
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DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL, AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

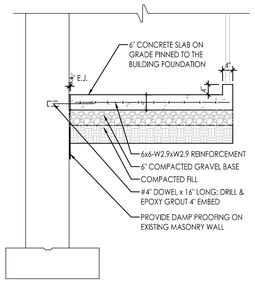
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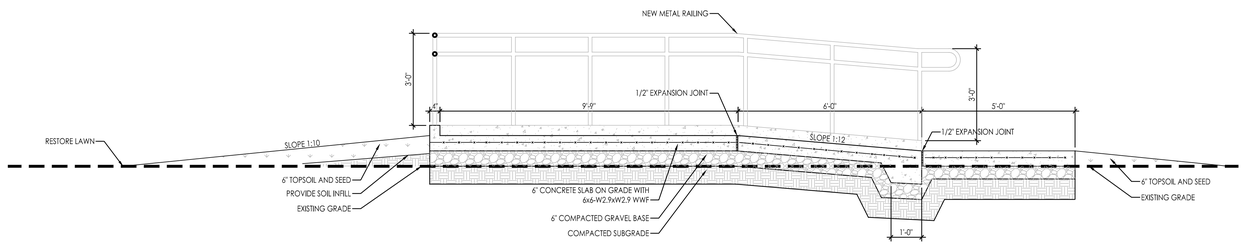
1 CONCRETE PAD REMOVAL PLAN
SCALE: 1/4"=1'-0"



2 CONCRETE PAD & RAMP CONSTRUCTION PLAN
SCALE: 1/4"=1'-0"



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



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

GENERAL REMOVAL / CONSTRUCTION NOTES

1. REMOVAL DRAWINGS INDICATE ONLY MAJOR SCOPE OF REMOVALS INCLUDING BUT NOT LIMITED TO PARTITIONS, WALLS, CEILINGS, FLOORS, COLUMN ENCLOSURES, DOOR FRAMES AND DOORS, AND ANY OTHER EXISTING ITEMS. CONTRACTOR IS REQUIRED TO REMOVE ANY AND ALL ITEMS NOT SHOWN AS REQUIRED TO SUIT ALL NEW WORK.
2. EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT, FIXTURES, RISERS, SHAFTS, PIPES, OUTLETS, DEVICES, ETC. SHOWN ON DRAWINGS ARE APPROXIMATELY LOCATED. CONTRACTOR IS TO DETERMINE EXACT LOCATIONS OF ALL ITEMS IN THE FIELD.
3. ALL EXISTING ITEMS LISTED IN NOTE NO. 2 WHICH ARE TO REMAIN SHALL BE PROVIDED WITH NEW GYPSUM BOARD ENCLOSURES BY THE CONSTRUCTION CONTRACTOR. LOCATIONS SHOWN ARE APPROXIMATE. ALL PIPES AND DUCTS SHALL BE ENCLOSED IN ALL SPACES BY DRYWALL CONSTRUCTION AND HUNG CEILINGS EXCEPT SHAFTS WHICH SHALL BE EXTENDED TO STRUCTURAL DECK. CONTRACTOR IS TO INFORM OWNERS REPRESENTATIVE OF EXISTING LOCATIONS FOR POSSIBLE DIMENSIONAL ADJUSTMENTS.
4. CONTRACTOR IS TO VERIFY ANY MAJOR DIMENSIONAL DEVIATIONS FROM DRAWINGS OR STRUCTURAL OBSTRUCTIONS. THESE SHALL BE BROUGHT TO THE OWNERS REPRESENTATIVE'S ATTENTION. ALL CONTRACT DRAWINGS INDICATE APPROXIMATE DIMENSIONS AND EXISTING CONDITIONS BASED ON FIELD SURVEY AND DRAWINGS FURNISHED BY THE OWNER. VARIATIONS MAY EXIST AS TO FIELD CONDITIONS. THE COST FOR ANY SUCH VARIATIONS SHALL BE INCLUDED WITHIN THE CONTRACT BID.
5. ALL SURFACES DISTURBED BY REMOVALS SHALL BE PATCHED TO MATCH EXISTING ADJACENT FINISHES, TYPICAL THROUGHOUT FOR WALLS, CEILINGS AND FLOORS, OR AS NOTED ON NEW FINISH SCHEDULE.
6. EACH CONTRACTOR SHALL FIRESTOP ALL NEW TRADE RELATED PENETRATIONS THROUGH FLOORS, PARTITIONS AND WALLS AT ALL LOCATIONS WITH APPROVED MATERIALS AND SYSTEMS.
7. GC TO PATCH AND PREPARE MASONRY WALLS FOR REPAINTING.
8. GC TO PATCH AND PREPARE CONCRETE SLAB FOR NEW EPOXY FLOOR FINISH.

REMOVAL KEYNOTES

1 RAKE OUT SEALANT AT EXISTING EXPANSION JOINTS. PREP FOR NEW WORK.

2 REMOVE EXISTING CONCRETE PAD IN ITS ENTIRETY.

REMOVAL LEGEND

= REMOVAL KEY

= EXISTING PARTITIONS TO BE REMOVED IN THEIR ENTIRETY

CONSTRUCTION KEYNOTES

1 G.C. TO PROVIDE AND INSTALL 6" CONCRETE SLAB AND RAMP PINNED TO EXISTING BUILDING FOUNDATION.

2 G.C. TO PROVIDE AND INSTALL 1/2" EXPANSION JOINT AT EACH LOCATION BETWEEN EXISTING FOUNDATION AND NEW CONCRETE SLAB.

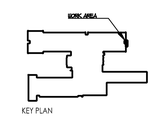
3 G.C. TO PROVIDE AND INSTALL 6" CONCRETE SIDEWALK PAD ON GRADE..

4 G.C. TO PROVIDE AND INSTALL NEW METAL RAILING AT 36" HIGH.

CONSTRUCTION LEGEND

= CONSTRUCTION KEY

E.J. = EXPANSION JOINT



KEY PLAN

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DATE	DRAWN	CHECKED
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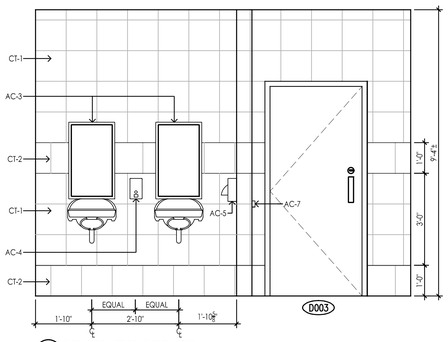
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PART CONCRETE PAD REMOVAL PLANS, CONSTRUCTION PLANS AND SECTIONS

PROJECT NUMBER
70019.00

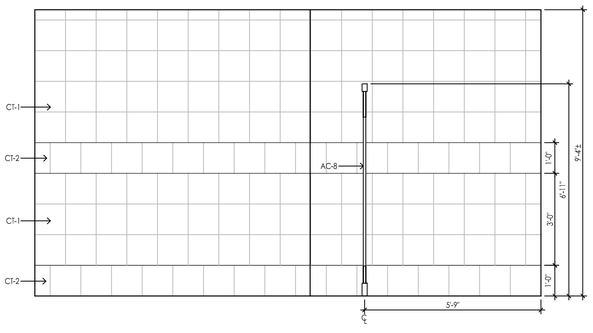
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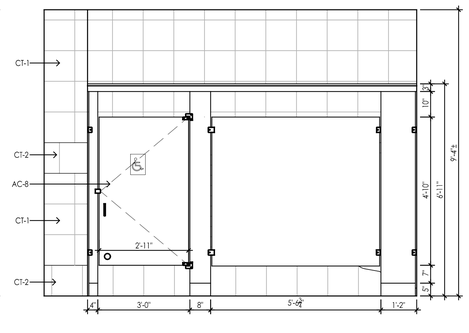
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Plotted By: Julie Gamerota



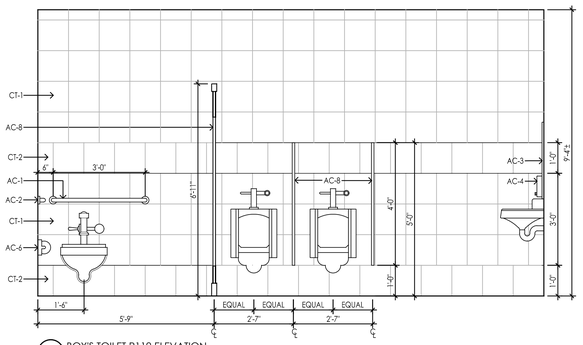
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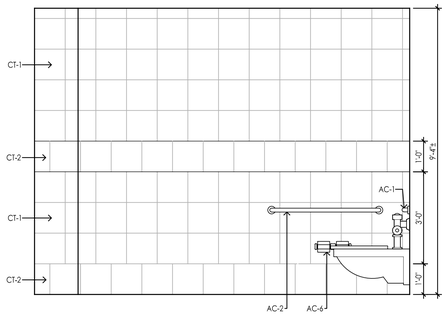
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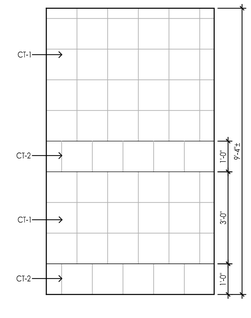
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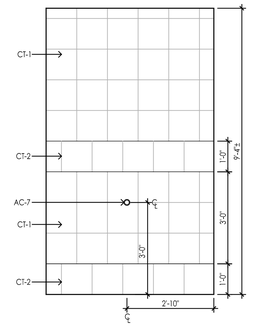
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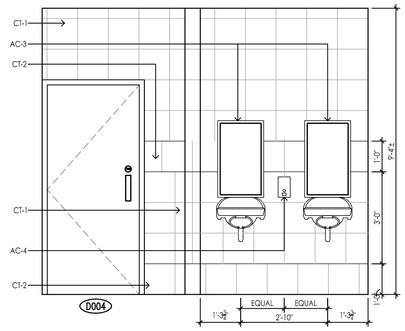
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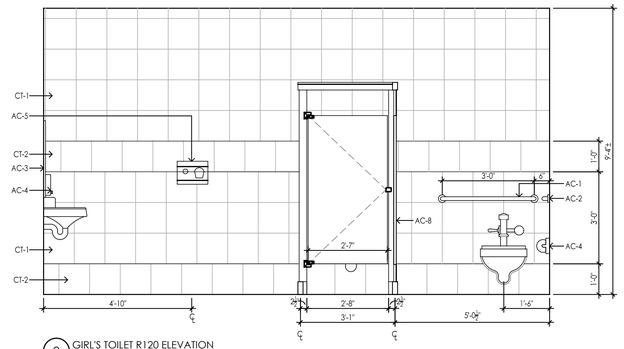
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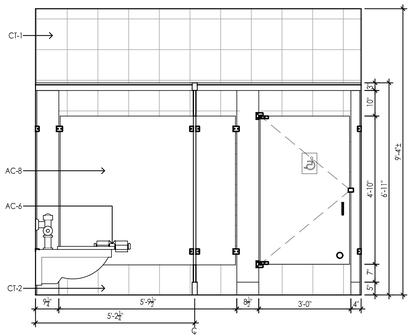
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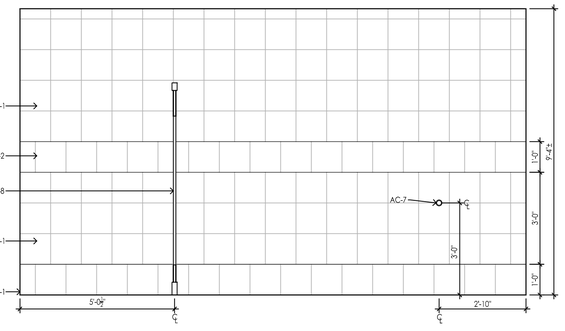
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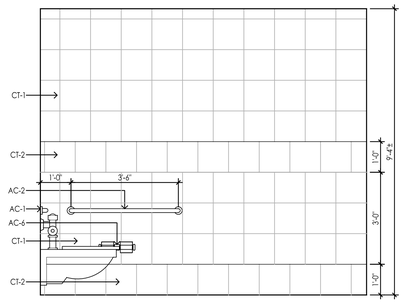
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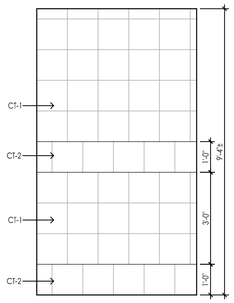
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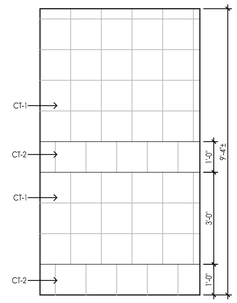
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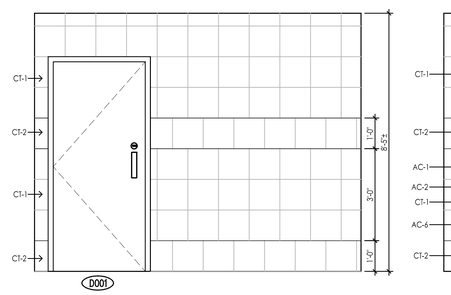
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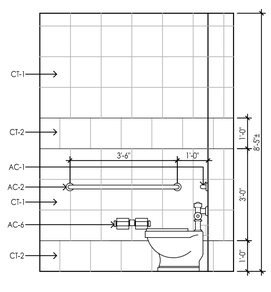
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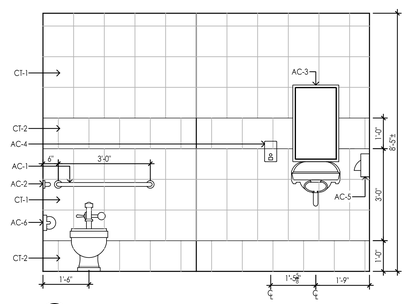
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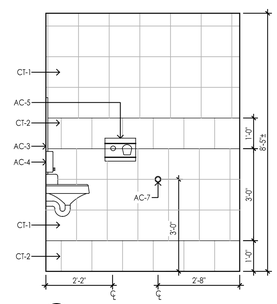
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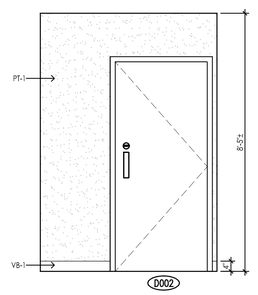
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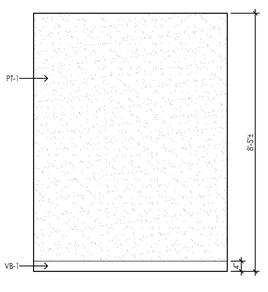
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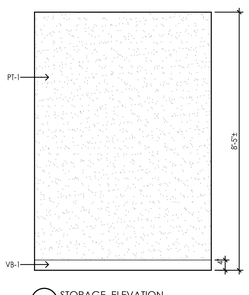
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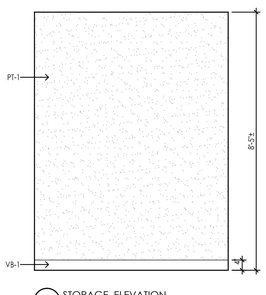
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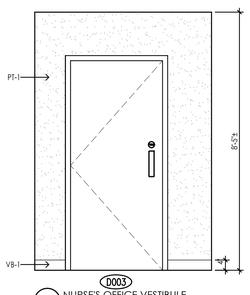
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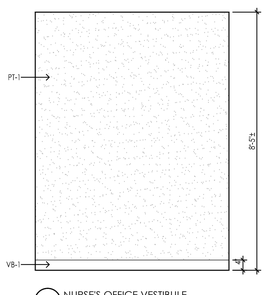
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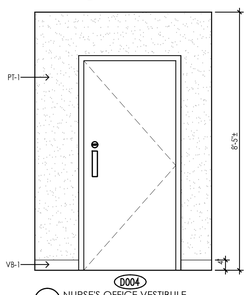
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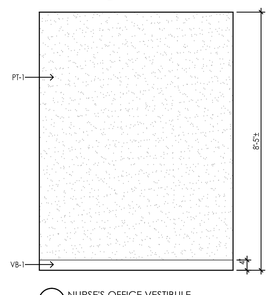
23 NURSE'S OFFICE VESTIBULE
SCALE: 1/2"=1'-0"



24 NURSE'S OFFICE VESTIBULE
SCALE: 1/2"=1'-0"



25 NURSE'S OFFICE VESTIBULE
SCALE: 1/2"=1'-0"



26 NURSE'S OFFICE VESTIBULE
SCALE: 1/2"=1'-0"



KEY PLAN

MOUNTING HEIGHTS FOR TOILET ROOM ELEMENTS

HC ELEMENTS SHOWN; NON-HC MOUNTING HEIGHTS NOTED IN PARENTHESES

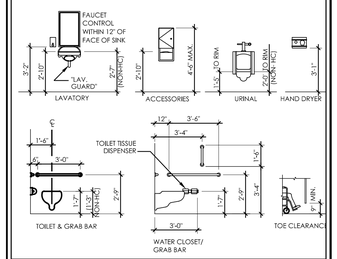
NOTES:

1.) STRUCTURAL STRENGTH OF GRAB BARS AND THEIR MOUNTING DEVICES ARE TO WITHSTAND FORCES UP TO 250 lbs./ft. min.

2.) FORCE TO OPERATE VENDORS AND SOAP DISPENSERS SHALL BE A MAXIMUM 5 lbs. OF FORCE.

3.) ACCESS TO RECEPTACLE OPENINGS SHALL BE 15" MIN. TO 48" MAX. ABOVE FINISHED FLOOR TO ALLOW FOR FORWARD REACH.

MAX. MOUNTING HEIGHT FOR OPERATING PARTS OF MISC. ACCESSORIES, TOWEL DISPENSER, DISPOSAL UNITS, ETC.. (UNLESS NOTED OTHERWISE)



CONSTRUCTION NOTES

1. G.C. TO PROVIDE AND INSTALL 2x WOOD BLOCKING AT ALL SURFACE MOUNTED TOILET ROOM ACCESSORIES, TYPICAL.

TOILET ROOM FINISH SCHEDULE

BASE	CT-2 - 12" x 12" CERAMIC TILE
	VB-1 - 4" VINYL BASE
WALL	PT-1 - PAINT NEW GYPSUM BOARD
	PT-2 - PAINT EXISTING CMU BLOCK WALL
	CT-1 - 12"x 12" CERAMIC TILE (FIELD)
	CT-2 - 12"x 12" CERAMIC TILE (ACCENT)

TOILET ROOM ACCESSORY SCHEDULE

AC-1 - 36" GRAB BAR WITH CONCEALED MOUNTING

AC-2 - 42" GRAB BAR WITH CONCEALED MOUNTING

AC-3 - 18"X30" MIRROR (SURFACE MOUNTED)

AC-4 - SURFACE MOUNTED SOAP DISPENSER

AC-5 - SURFACE MOUNTED HAND DRYER (PROVIDED AND INSTALLED BY OWNER)

AC-6 - SURFACE MOUNTED DOUBLE-ROLL TOILET TISSUE DISPENSER (PROVIDED AND INSTALLED BY OWNER)

AC-7 - WALL BUMPER

AC-8 - TOILET PARTITIONS

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REVISIONS

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DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

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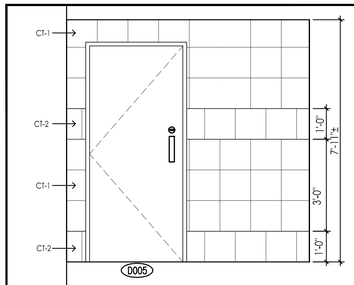
SHEET TITLE
TOILET ROOMS
INTERIOR ELEVATIONS

PROJECT NUMBER
70019.00

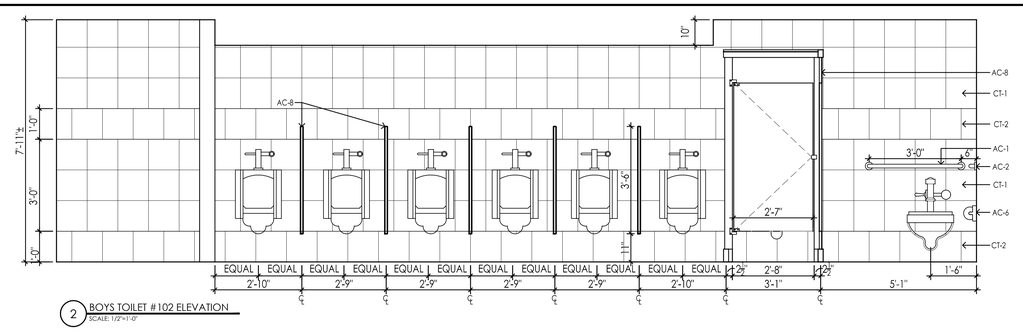
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A400
DRAWING NUMBER

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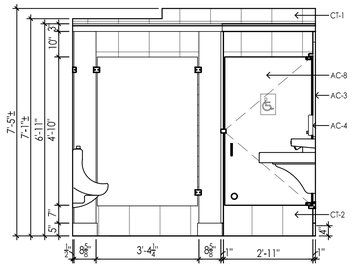
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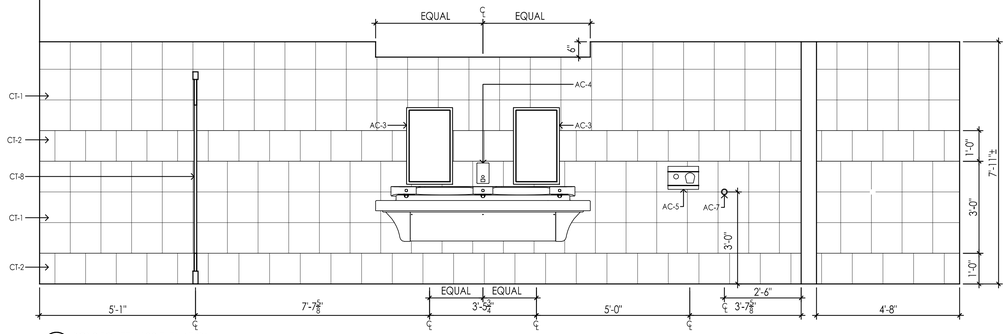
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SCALE: 1/2"=1'-0"



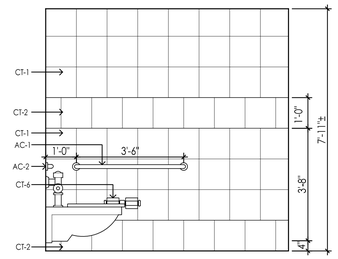
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SCALE: 1/2"=1'-0"



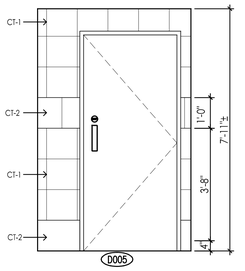
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SCALE: 1/2"=1'-0"



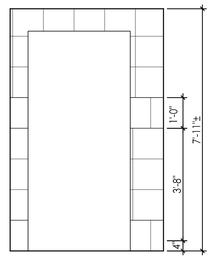
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SCALE: 1/2"=1'-0"



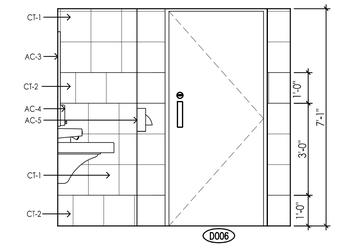
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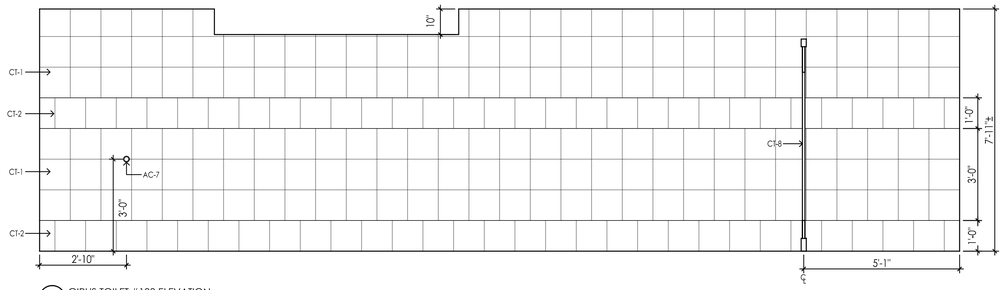
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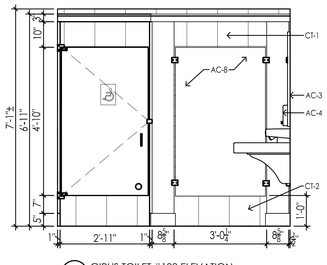
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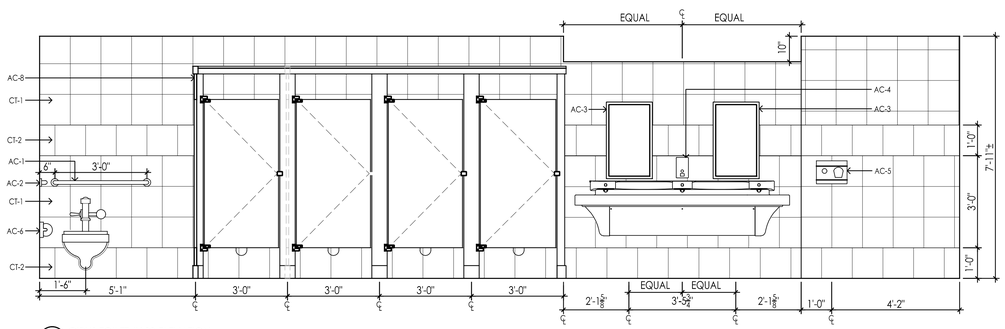
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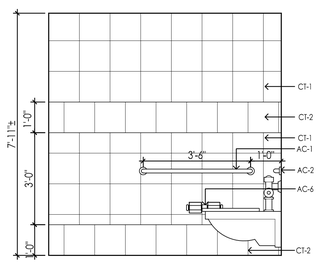
9 GIRL'S TOILET #103 ELEVATION
SCALE: 1/2"=1'-0"



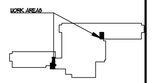
10 GIRL'S TOILET #103 ELEVATION
SCALE: 1/2"=1'-0"



11 GIRL'S TOILET #103 ELEVATION
SCALE: 1/2"=1'-0"



12 GIRL'S TOILET #103 ELEVATION
SCALE: 1/2"=1'-0"



KEY PLAN

MOUNTING HEIGHTS FOR TOILET ROOM ELEMENTS

HC ELEMENTS SHOWN: NON-HC MOUNTING HEIGHTS NOTED IN PARENTHESES

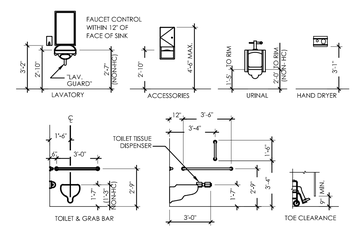
NOTES:

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CONSTRUCTION NOTES

1. G.C. TO PROVIDE AND INSTALL 2x WOOD BLOCKING AT ALL SURFACE MOUNTED TOILET ROOM ACCESSORIES, TYPICAL.

TOILET ROOM FINISH SCHEDULE

BASE	CT-2 - 12" x 12" CERAMIC TILE
	VB-1 - 4" VINYL BASE
WALL	PT-1 - PAINT NEW GYPSUM BOARD
	PT-2 - PAINT EXISTING CMU BLOCK WALL
	CT-1 - 12'x 12" CERAMIC TILE (FIELD)
	CT-2 - 12'x 12" CERAMIC TILE (ACCENT)

TOILET ROOM ACCESSORY SCHEDULE

AC-1 - 36" GRAB BAR WITH CONCEALED MOUNTING

AC-2 - 42" GRAB BAR WITH CONCEALED MOUNTING

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AC-7 - WALL BUMPER

AC-8 - TOILET PARTITIONS

AC-9 - EYE WASH STATION

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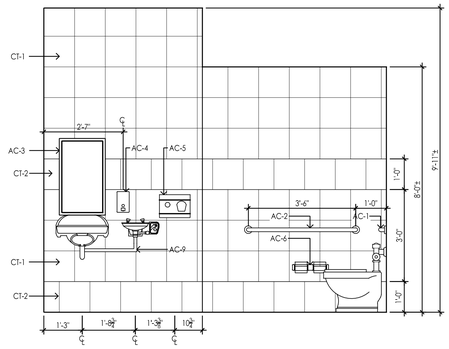
SHEET TITLE
TOILET ROOM INTERIOR ELEVATIONS

PROJECT NUMBER
70019.00

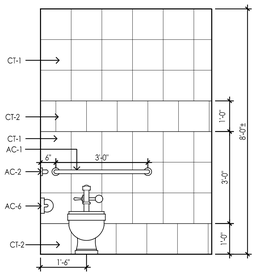
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DRAWING NUMBER

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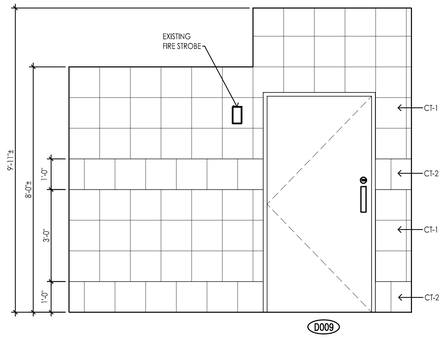
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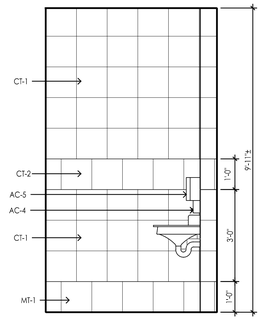
1 TOILET ROOM #121 ELEVATION
SCALE: 1/2"=1'-0"



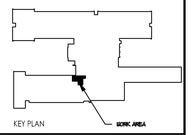
2 TOILET ROOM #121 ELEVATION
SCALE: 1/2"=1'-0"



3 TOILET ROOM #121 ELEVATION
SCALE: 1/2"=1'-0"



4 TOILET ROOM #121 ELEVATION
SCALE: 1/2"=1'-0"



KEY PLAN

MOUNTING HEIGHTS FOR TOILET ROOM ELEMENTS

HC ELEMENTS SHOWN: NON-HC MOUNTING HEIGHTS NOTED IN PARENTHESES

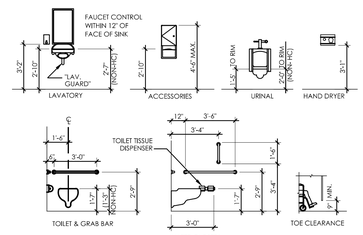
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	VB-1 - 4" VINYL BASE
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DATE	DRAWN	CHECKED
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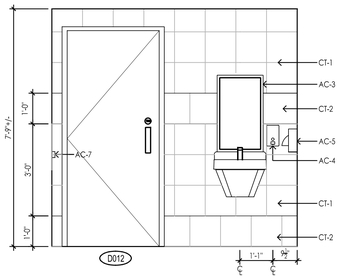
SHEET TITLE
TOILET ROOM
INTERIOR ELEVATIONS

PROJECT NUMBER
70019.00

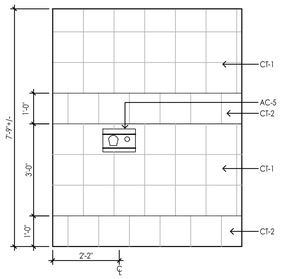
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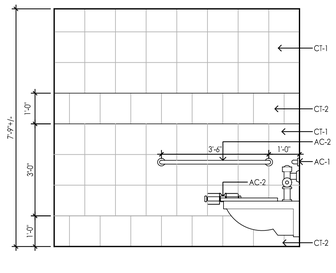
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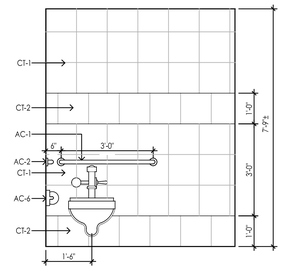
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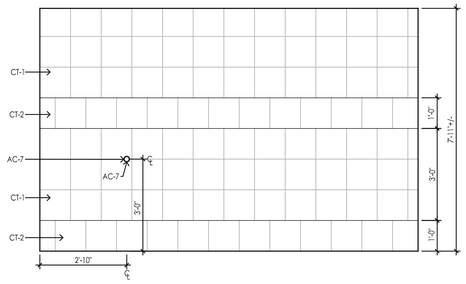
2 NURSE'S TOILET ROOM #162B ELEVATION
SCALE: 1/2"=1'-0"



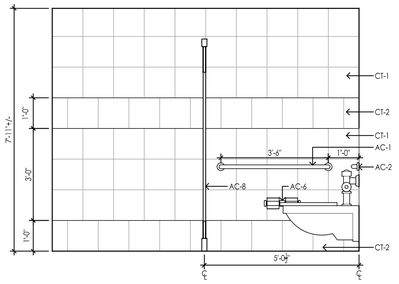
3 NURSE'S TOILET ROOM #162B ELEVATION
SCALE: 1/2"=1'-0"



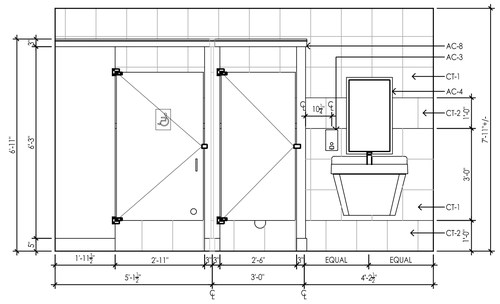
4 NURSE'S TOILET ROOM #162B ELEVATION
SCALE: 1/2"=1'-0"



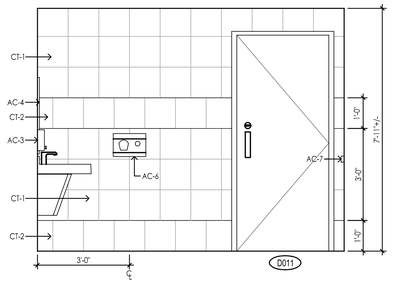
5 WOMENS TOILET ROOM #139 ELEVATION
SCALE: 1/2"=1'-0"



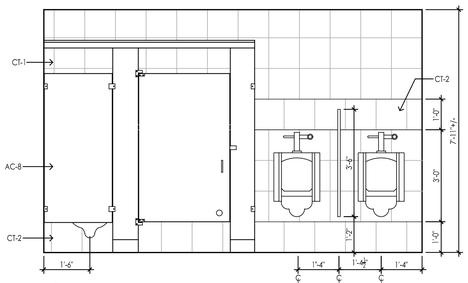
6 WOMENS TOILET ROOM #139 ELEVATION
SCALE: 1/2"=1'-0"



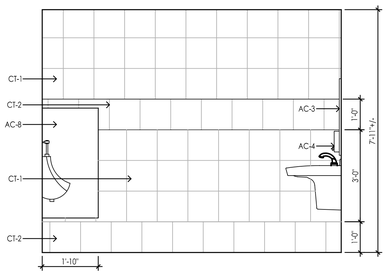
7 WOMENS TOILET ROOM #139 ELEVATION
SCALE: 1/2"=1'-0"



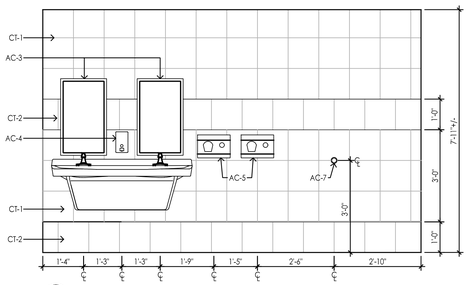
8 WOMENS TOILET ROOM #139 ELEVATION
SCALE: 1/2"=1'-0"



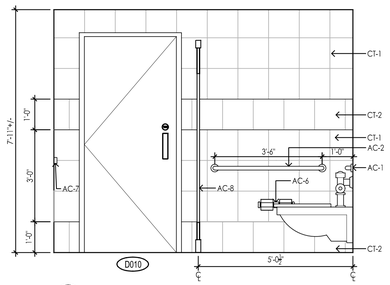
9 MENS TOILET ROOM #138 ELEVATION
SCALE: 1/2"=1'-0"



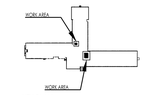
10 MENS TOILET ROOM #138 ELEVATION
SCALE: 1/2"=1'-0"



11 MENS TOILET ROOM #138 ELEVATION
SCALE: 1/2"=1'-0"



12 MENS TOILET ROOM #138 ELEVATION
SCALE: 1/2"=1'-0"



KEY PLAN

MOUNTING HEIGHTS FOR TOILET ROOM ELEMENTS

HC ELEMENTS SHOWN; NON-HC MOUNTING HEIGHTS NOTED IN PARENTHESES

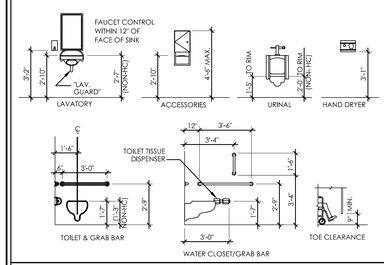
NOTES:

1.) STRUCTURAL STRENGTH OF GRAB BARS AND THEIR MOUNTING DEVICES ARE TO WITHSTAND FORCES UP TO 250 lbs./Ft. min.

2.) FORCE TO OPERATE VENDORS AND SOAP DISPENSERS SHALL BE A MAXIMUM 5 lbs. OF FORCE.

3.) ACCESS TO RECEPTACLE OPENINGS SHALL BE 15" MIN. TO 48" MAX. ABOVE FINISHED FLOOR TO ALLOW FOR FORWARD REACH.

MAX. MOUNTING HEIGHT FOR OPERATING PARTS OF MISC. ACCESSORIES, TOWEL DISPENSER, DISPOSAL UNITS, ETC. (UNLESS NOTED OTHERWISE)



CONSTRUCTION NOTES

1. G.C. TO PROVIDE AND INSTALL 2x WOOD BLOCKING AT ALL SURFACE MOUNTED TOILET ROOM ACCESSORIES, TYPICAL.

TOILET ROOM FINISH SCHEDULE

BASE	CT-2 - 12" x 12" CERAMIC TILE
	VB-1 - 4" VINYL BASE
WALL	PT-1 - PAINT NEW GYPSUM BOARD
	PT-2 - PAINT EXISTING CMU BLOCK WALL
	CT-1 - 12'x 12" CERAMIC TILE (FIELD)
	CT-2 - 12'x 12" CERAMIC TILE (ACCENT)

TOILET ROOM ACCESSORY SCHEDULE

AC-1 - 36" GRAB BAR WITH CONCEALED MOUNTING

AC-2 - 42" GRAB BAR WITH CONCEALED MOUNTING

AC-3 - 18"X30" MIRROR (SURFACE MOUNTED)

AC-4 - SURFACE MOUNTED SOAP DISPENSER

AC-5 - SURFACE MOUNTED HAND DRYER (PROVIDED AND INSTALLED BY OWNER)

AC-6 - SURFACE MOUNTED DOUBLE-ROLL TOILET TISSUE DISPENSER (PROVIDED AND INSTALLED BY OWNER)

AC-7 - WALL BUMPER

AC-8 - TOILET PARTITIONS

AC-9 - EYE WASH STATION

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ARCHITECTURE + ENGINEERING + PLANNING

332 NY-100
SOMERS, NEW YORK 10589
TEL (914) 276-0777
FAX (914) 276-0779

REVISIONS

NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	BID 100% CONSTRUCTION DOCUMENTS SUBMISSION
1	01/07/2021	LJ	CG	ADDENDUM #1
2	03/29/2021	LJ	JG	ISSUED FOR BID

ENVIRONMENTAL CONSULTANT

ADELAIDE ENVIRONMENTAL HEALTH ASSOCIATES INC.
1511 ROUTE 22, SUITE C24
BREWSTER, NY 10509

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CARMEL CENTRAL SCHOOL DISTRICT
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CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
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KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

SCALE AS SHOWN

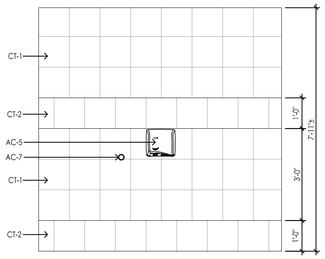
SHEET TITLE
TOILET ROOMS
INTERIOR ELEVATIONS

PROJECT NUMBER
70019.00

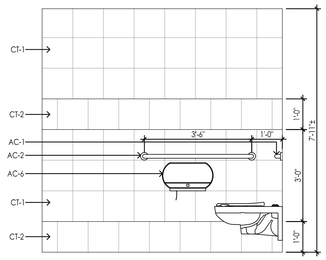
KP
A403
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IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM, THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

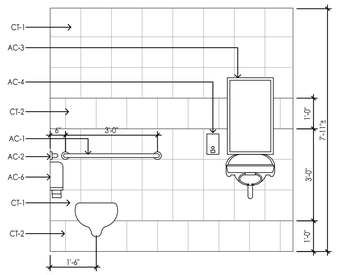
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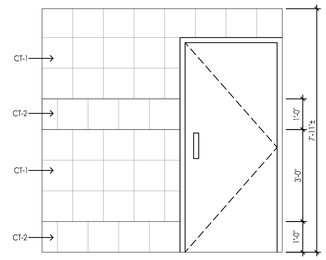
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SCALE: 1/2"=1'-0"



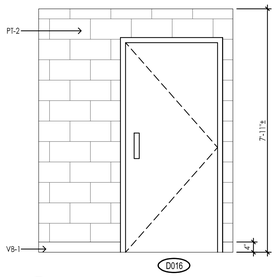
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SCALE: 1/2"=1'-0"



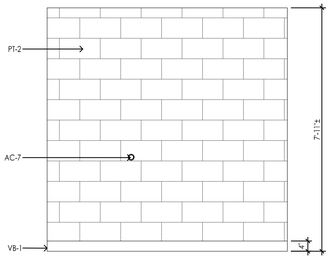
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SCALE: 1/2"=1'-0"



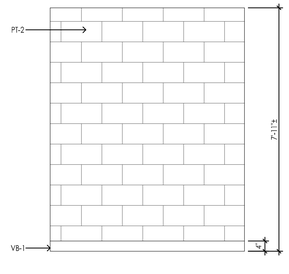
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SCALE: 1/2"=1'-0"



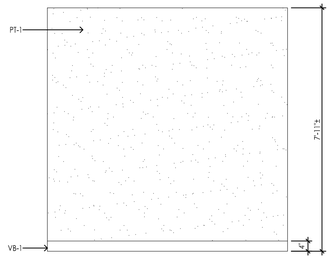
5 STORAGE ROOM #11 ELEVATION
SCALE: 1/2"=1'-0"



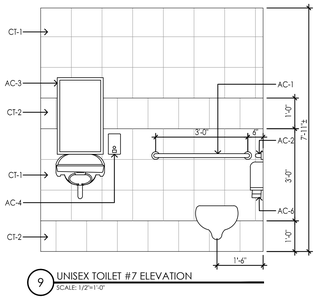
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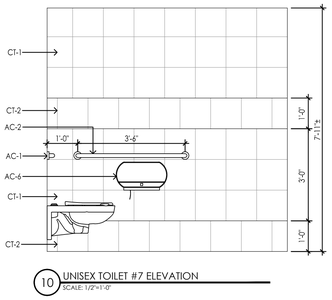
7 STORAGE ROOM #11 ELEVATION
SCALE: 1/2"=1'-0"



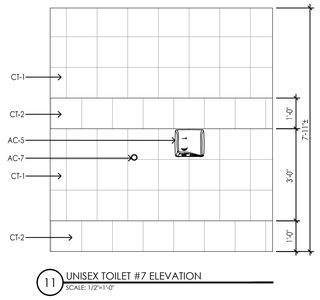
8 STORAGE ROOM #11 ELEVATION
SCALE: 1/2"=1'-0"



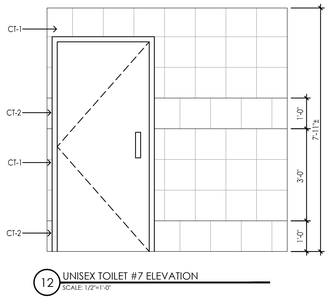
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SCALE: 1/2"=1'-0"



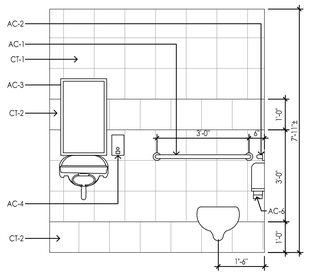
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SCALE: 1/2"=1'-0"



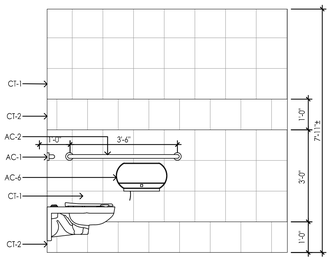
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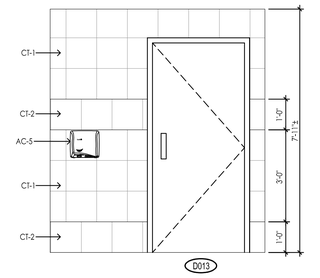
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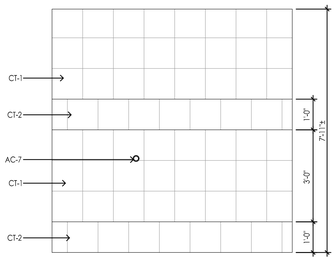
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SCALE: 1/2"=1'-0"



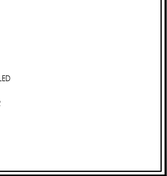
14 UNISEX TOILET #8 ELEVATION
SCALE: 1/2"=1'-0"



15 UNISEX TOILET #8 ELEVATION
SCALE: 1/2"=1'-0"



16 UNISEX TOILET #8 ELEVATION
SCALE: 1/2"=1'-0"



KEY PLAN

MOUNTING HEIGHTS FOR TOILET ROOM ELEMENTS

HC ELEMENTS SHOWN; NON-HC MOUNTING HEIGHTS NOTED IN PARENTHESES

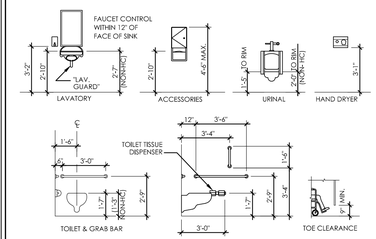
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MAX. MOUNTING HEIGHT FOR OPERATING PARTS OF MISC. ACCESSORIES, TOWEL DISPENSER, DISPOSAL UNITS, ETC. (UNLESS NOTED OTHERWISE)



CONSTRUCTION NOTES

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TOILET ROOM FINISH SCHEDULE

BASE	CT-2 - 12" x 12" CERAMIC TILE
	VB-1 - 4" VINYL BASE
WALL	PT-1 - PAINT NEW GYPSUM BOARD
	PT-2 - PAINT EXISTING CMU BLOCK WALL
	CT-1 - 12"x 12" CERAMIC TILE (FIELD)
	CT-2 - 12"x 12" CERAMIC TILE (ACCENT)

TOILET ROOM ACCESSORY SCHEDULE

AC-1 - 36" GRAB BAR WITH CONCEALED MOUNTING

AC-2 - 42" GRAB BAR WITH CONCEALED MOUNTING

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AC-4 - SURFACE MOUNTED SOAP DISPENSER

AC-5 - SURFACE MOUNTED HAND DRYER (PROVIDED AND INSTALLED BY OWNER)

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AC-7 - WALL BUMPER

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REVISIONS				
NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
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2	02/19/2021	JG	JP	ISSUED FOR BID

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KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

SCALE AS SHOWN

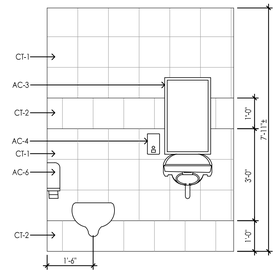
SHEET TITLE
TOILET ROOM INTERIOR ELEVATIONS

PROJECT NUMBER
70019.00

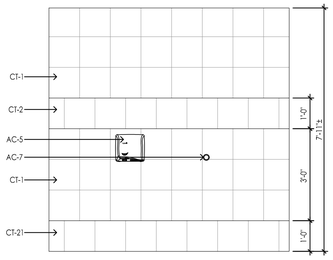
MP
A404
DRAWING NUMBER

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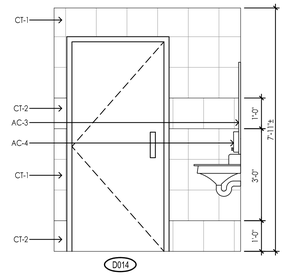
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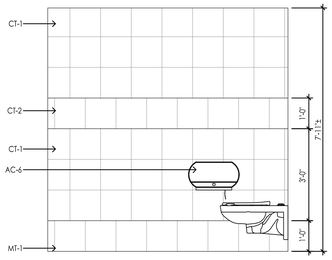
1 UNISEX TOILET #9 ELEVATION
SCALE: 1/2"=1'-0"



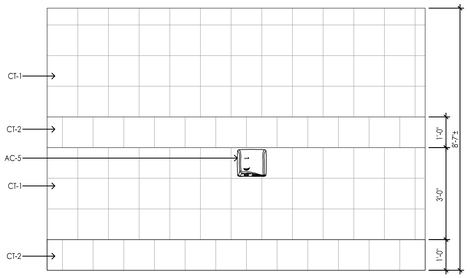
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SCALE: 1/2"=1'-0"



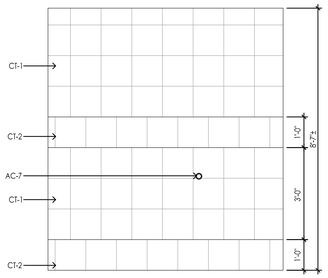
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SCALE: 1/2"=1'-0"



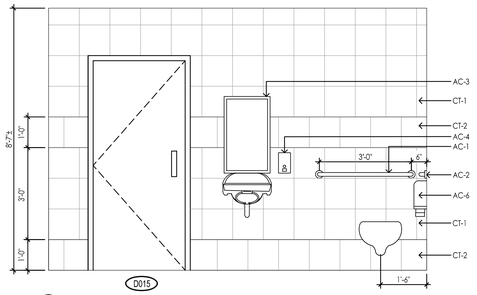
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SCALE: 1/2"=1'-0"



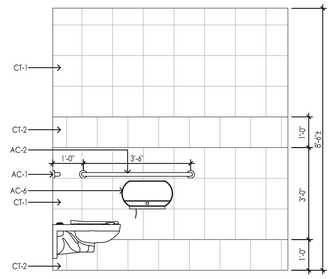
5 NURSE TOILET #12 ELEVATION
SCALE: 1/2"=1'-0"



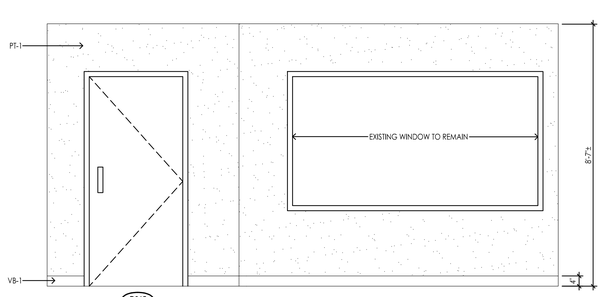
6 NURSE TOILET #12 ELEVATION
SCALE: 1/2"=1'-0"



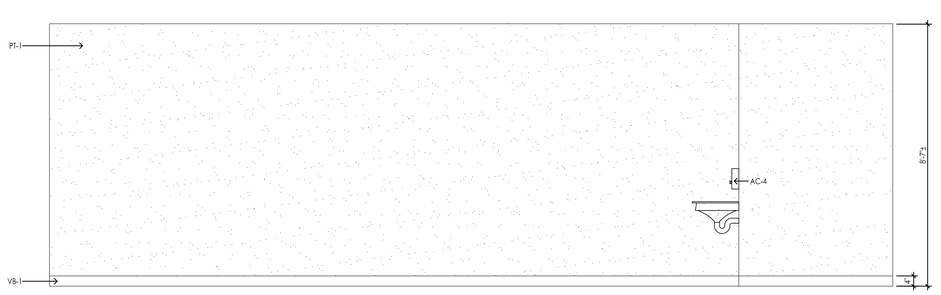
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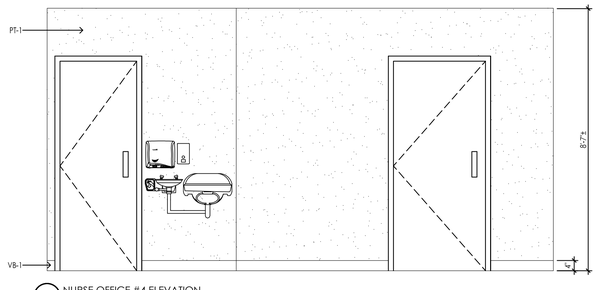
8 NURSE TOILET #12 ELEVATION
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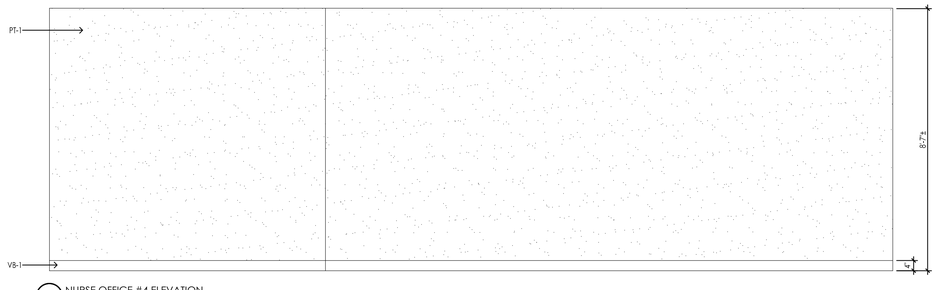
9 NURSE OFFICE #4 ELEVATION
SCALE: 1/2"=1'-0"



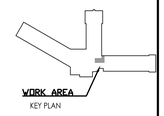
10 NURSE OFFICE #4 ELEVATION
SCALE: 1/2"=1'-0"



11 NURSE OFFICE #4 ELEVATION
SCALE: 1/2"=1'-0"



12 NURSE OFFICE #4 ELEVATION
SCALE: 1/2"=1'-0"



KEY PLAN

MOUNTING HEIGHTS FOR TOILET ROOM ELEMENTS

HC ELEMENTS SHOWN; NON-HC MOUNTING HEIGHTS NOTED IN PARENTHESES

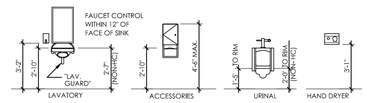
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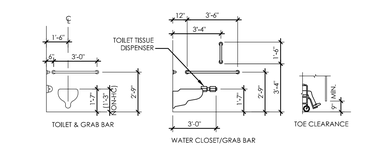
1.) STRUCTURAL STRENGTH OF GRAB BARS AND THEIR MOUNTING DEVICES ARE TO WITHSTAND FORCES UP TO 250 lbs./Ft. min.

2.) FORCE TO OPERATE VENDORS AND SOAP DISPENSERS SHALL BE A MAXIMUM 5 lbs. OF FORCE.

3.) ACCESS TO RECEPTACLE OPENINGS SHALL BE 15" MIN. TO 48" MAX. ABOVE FINISHED FLOOR TO ALLOW FOR FORWARD REACH.

MAX. MOUNTING HEIGHT FOR OPERATING PARTS OF MISC. ACCESSORIES, TOWEL DISPENSER, DISPOSAL UNITS, ETC., (UNLESS NOTED OTHERWISE)





CONSTRUCTION NOTES

1. G.C. TO PROVIDE AND INSTALL 2x WOOD BLOCKING AT ALL SURFACE MOUNTED TOILET ROOM ACCESSORIES, TYPICAL.

TOILET ROOM FINISH SCHEDULE

BASE	CT-2 - 12" x 12" CERAMIC TILE
	VB-1 - 4" VINYL BASE
WALL	PT-1 - PAINT NEW GYPSUM BOARD
	PT-2 - PAINT EXISTING CMU BLOCK WALL
	CT-1 - 12'x 12" CERAMIC TILE (FIELD)
	CT-2 - 12'x 12" CERAMIC TILE (FIELD)

TOILET ROOM ACCESSORY SCHEDULE

AC-1 - 36" GRAB BAR WITH CONCEALED MOUNTING

AC-2 - 42" GRAB BAR WITH CONCEALED MOUNTING

AC-3 - 18"X30" MIRROR (SURFACE MOUNTED)

AC-4 - SURFACE MOUNTED SOAP DISPENSER

AC-5 - SURFACE MOUNTED HAND DRYER (PROVIDED AND INSTALLED BY OWNER)

AC-6 - SURFACE MOUNTED DOUBLE-ROLL TOILET TISSUE DISPENSER (PROVIDED AND INSTALLED BY OWNER)

AC-7 - WALL BUMPER

AC-8 - TOILET PARTITIONS

AC-9 - EYE WASH STATION

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KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

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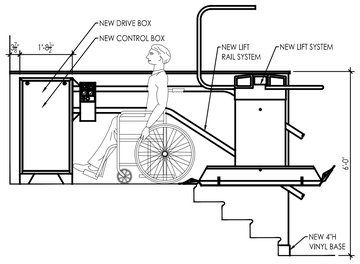
SHEET TITLE
TOILET ROOM INTERIOR ELEVATIONS

PROJECT NUMBER
70019.00

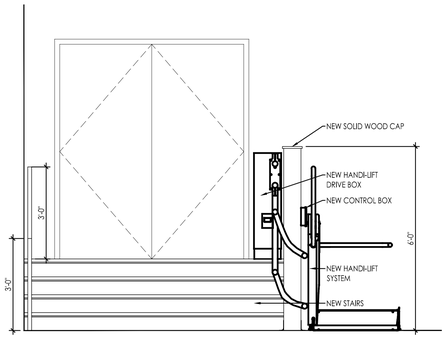
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A405
DRAWING NUMBER

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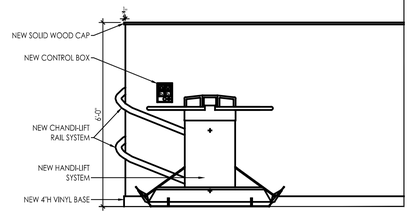
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Date last plotted: 3/26/2021 8:35 AM
Date last accessed: 3/26/2021 8:30 AM
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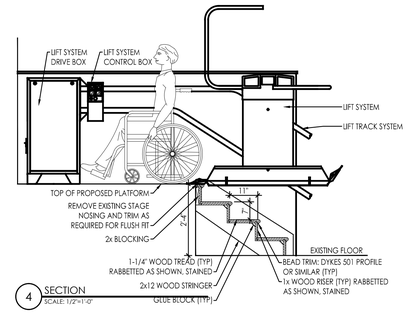
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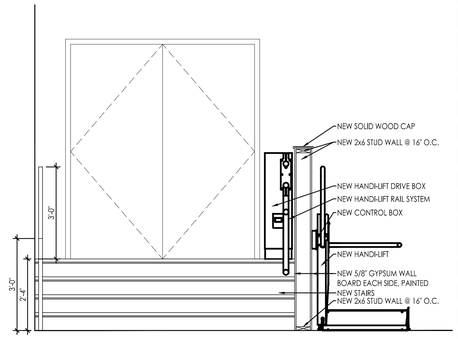
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SCALE: 1/2"=1'-0"



3 LIFT INTERIOR ELEVATION
SCALE: 1/2"=1'-0"

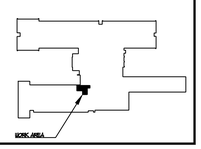


4 SECTION
SCALE: 1/2"=1'-0"



5 SECTION
SCALE: 1/2"=1'-0"

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DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

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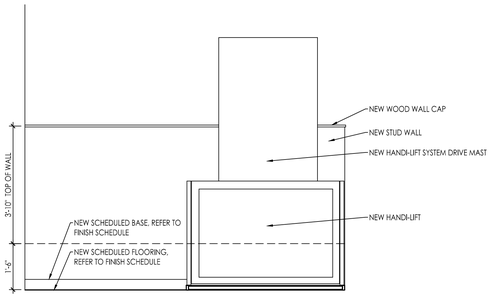
SHEET TITLE
STAGE INTERIOR
ELEVATIONS & SECTIONS

PROJECT NUMBER
70019.00

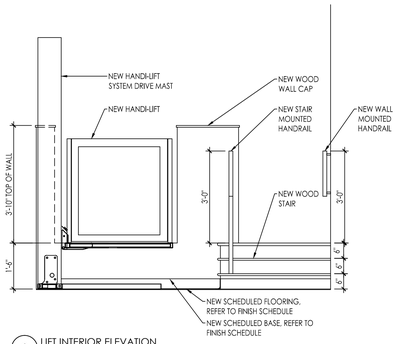
KE
A406
DRAWING NUMBER

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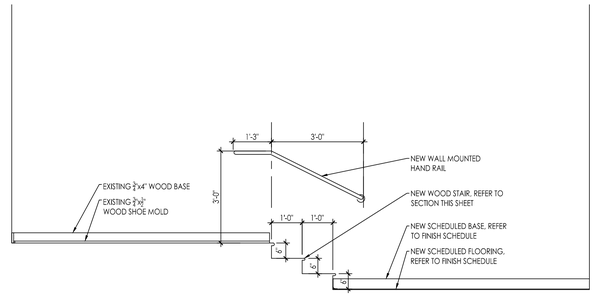
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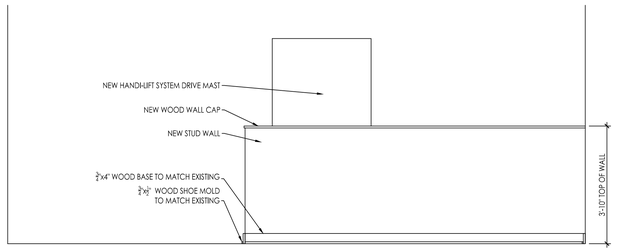
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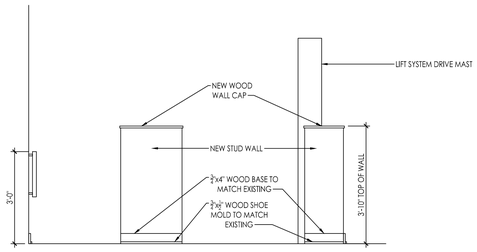
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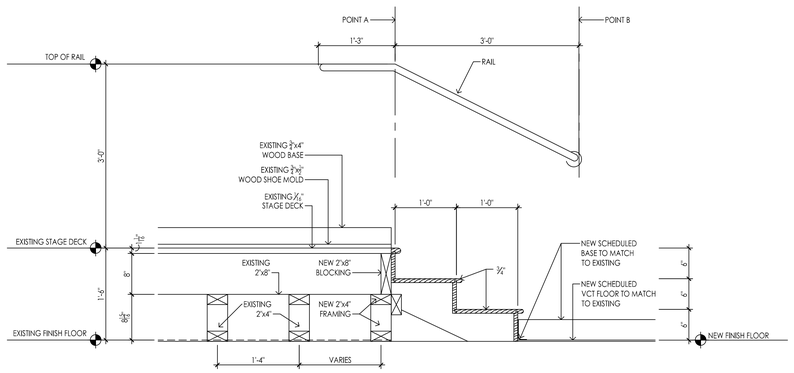
3 LIFT INTERIOR ELEVATION
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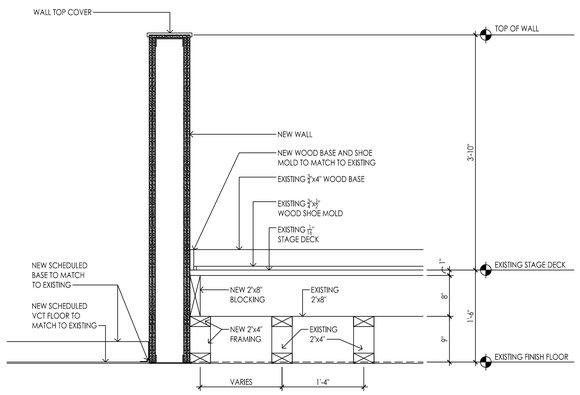
4 LIFT INTERIOR ELEVATION
SCALE: 1/2"=1'-0"



5 LIFT INTERIOR ELEVATION
SCALE: 1/2"=1'-0"



6 NEW STEPS @ STAGE DETAIL
SCALE: 1"=1'-0"



7 NEW WALL @ STAGE DETAIL
SCALE: 1"=1'-0"

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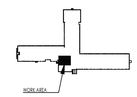
DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

SCALE AS SHOWN

SHEET TITLE
STAGE INTERIOR ELEVATIONS & SECTIONS

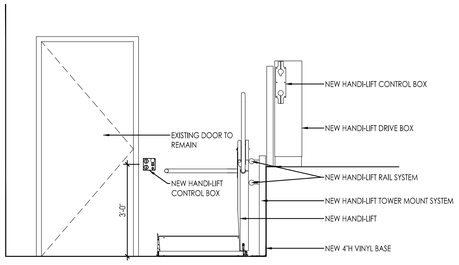
PROJECT NUMBER
70019.00

KP
A407
DRAWING NUMBER

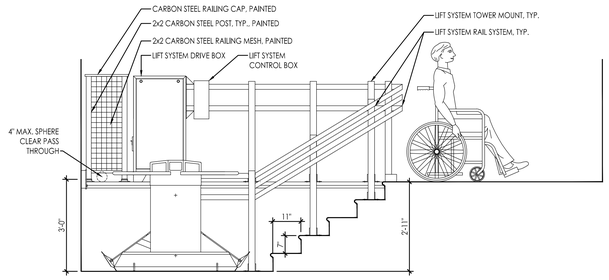


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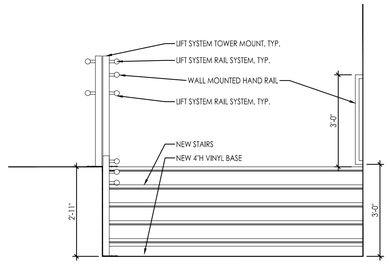
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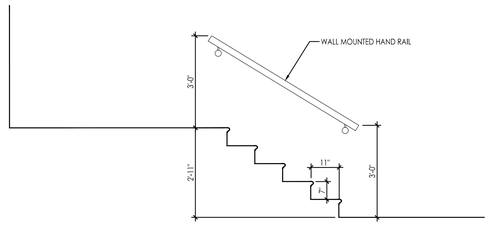
1 LIFT INTERIOR ELEVATION
SCALE: 1/2"=1'-0"



2 LIFT INTERIOR ELEVATION
SCALE: 1/2"=1'-0"



3 LIFT INTERIOR ELEVATION
SCALE: 1/2"=1'-0"



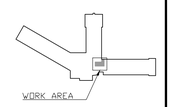
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SCALE: 1/2"=1'-0"

5 LIFT INTERIOR ELEVATION
SCALE: 1/2"=1'-0"

6 SECTION
SCALE: 1/2"=1'-0"

7 SECTION
SCALE: 1/2"=1'-0"

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DATE	DRAWN	CHECKED
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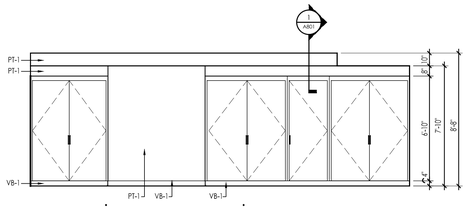
SHEET TITLE
STAGE INTERIOR ELEVATIONS & SECTIONS

PROJECT NUMBER
70019.00

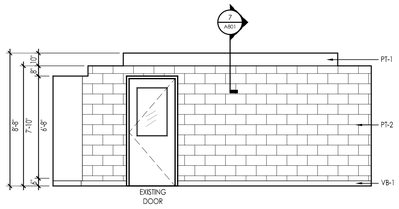
MP
A408
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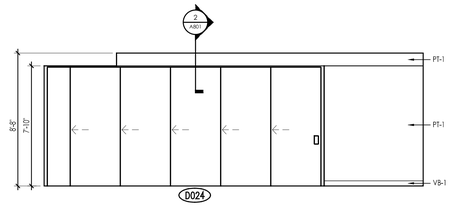
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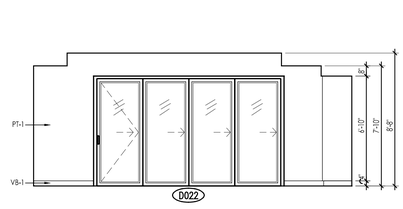
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SCALE: 1/4"=1'-0"



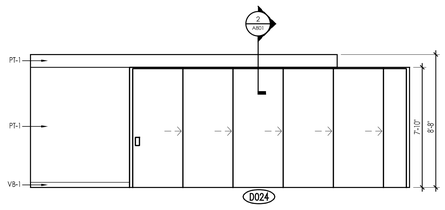
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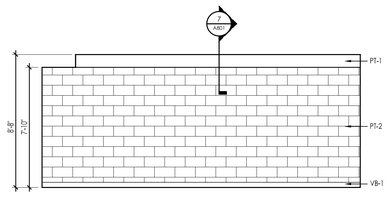
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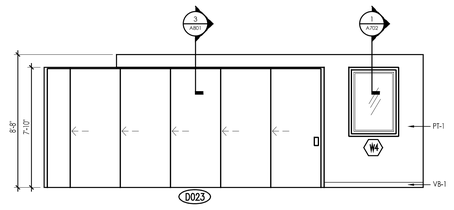
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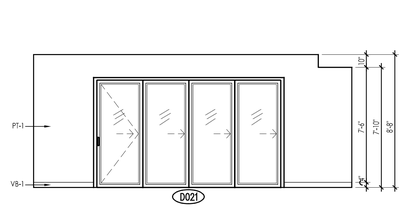
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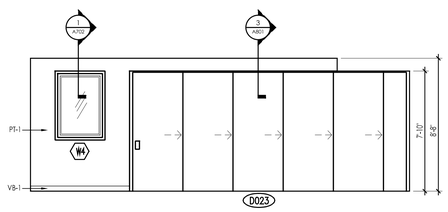
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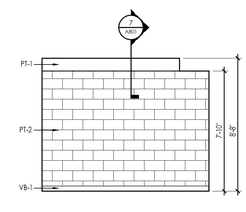
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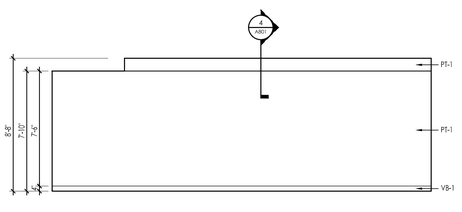
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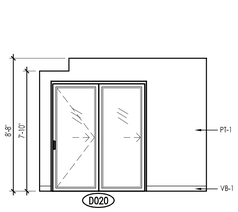
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SCALE: 1/4"=1'-0"



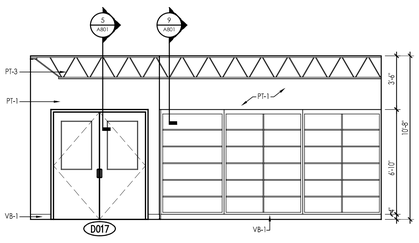
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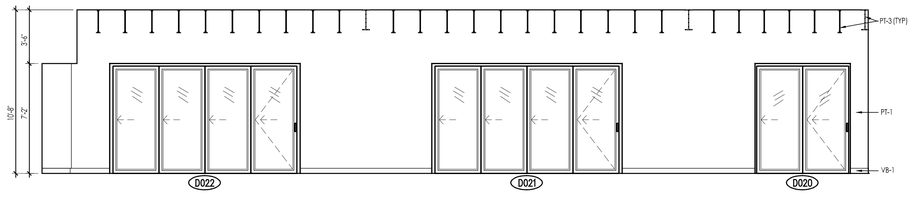
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SCALE: 1/4"=1'-0"



12 LIBRARY FELXIBLE ROOM 161-C ELEVATION
SCALE: 1/4"=1'-0"



13 LIBRARY ELEVATION
SCALE: 1/4"=1'-0"



14 LIBRARY ELEVATION
SCALE: 1/4"=1'-0"

ELEVATION LEGEND

D# = NEW DOOR TAG

W# = NEW WINDOW TAG

LIBRARY FINISH TAG

BASE	VB-1	4" VINYL BASE
WALL	PT-1	PAINT NEW GYPSUM BOARD
	PT-2	PAINT EXISTING CMU BLOCK WALL
STRUCTURAL ELEMENT	PT-3	PAINT EXISTING TRUSS
	MC-1	NEW COLUMN METAL COVER

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1	01/07/2021	-	-	ADDENDUM #1
2	03/29/2021	JKS	JP	ISSUED FOR BID

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KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

SCALE: AS SHOWN

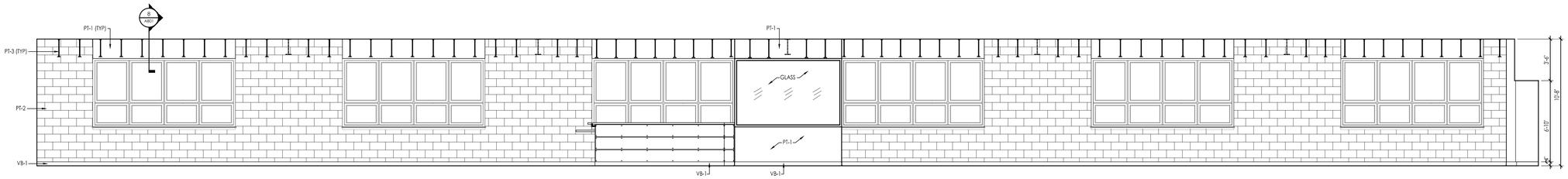
SHEET TITLE
LIBRARY INTERIOR ELEVATIONS

PROJECT NUMBER
70019.00

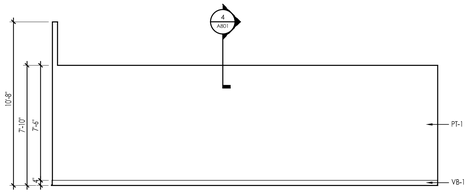
GF A409
DRAWING NUMBER

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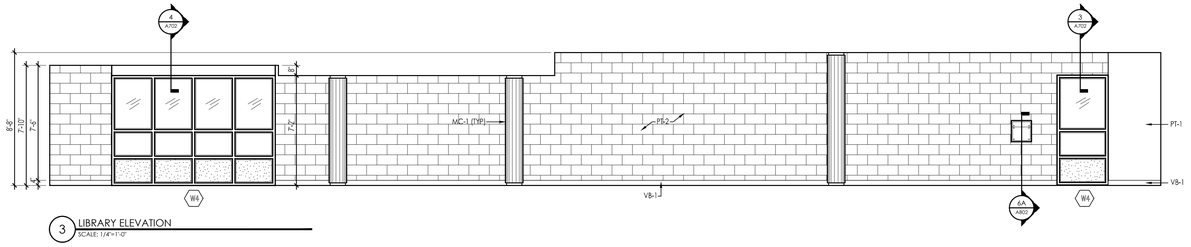
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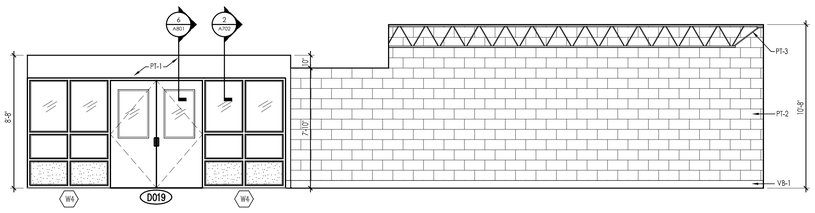
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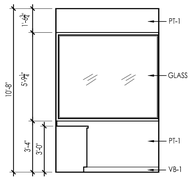
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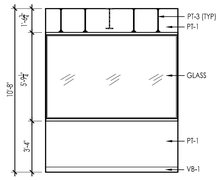
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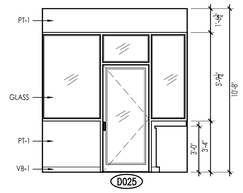
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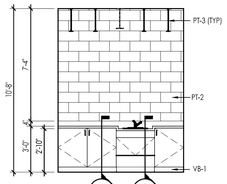
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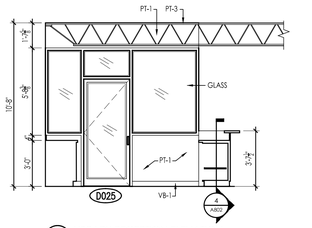
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SCALE: 1/4"=1'-0"



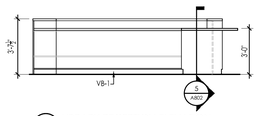
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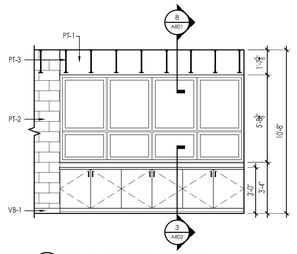
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9 LIBRARY RECEPTION ELEVATION
SCALE: 1/4"=1'-0"



10 LIBRARY RECEPTION ELEVATION
SCALE: 1/4"=1'-0"



11 LIBRARY RECEPTION ELEVATION
SCALE: 1/4"=1'-0"

ELEVATION LEGEND

D# = NEW DOOR TAG

W# = NEW WINDOW TAG

LIBRARY FINISH SCHEDULE

BASE	VB-1 4" VINYL BASE
WALL	PT-1 PAINT NEW GYPSUM BOARD
	PT-2 PAINT EXISTING CMU BLOCK WALL
STRUCTURAL ELEMENT	PT-3 PAINT EXISTING TRUSS
	MC-1 NEW COLUMN COVER

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DATE	DRAWN	CHECKED
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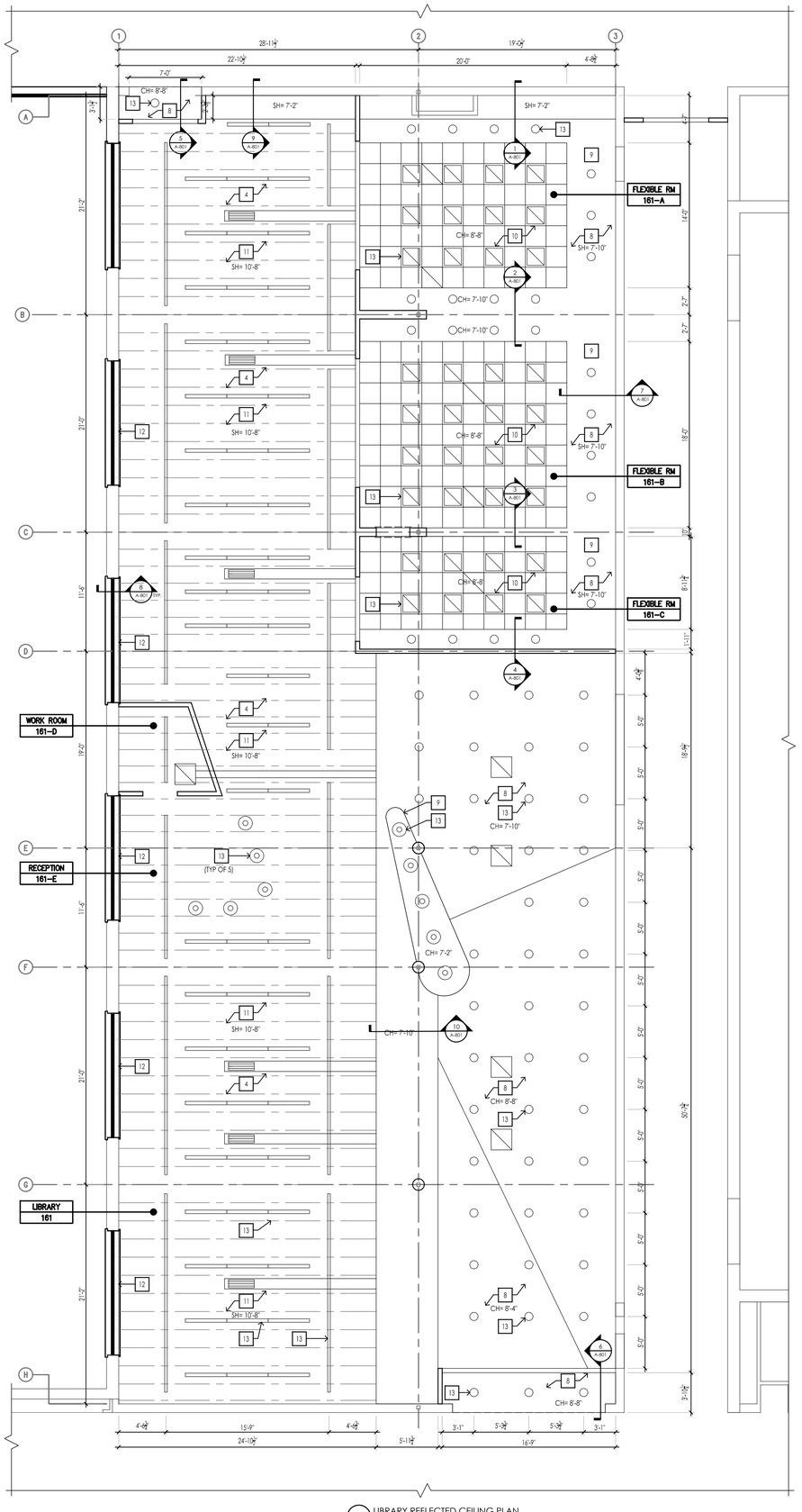
SHEET TITLE
LIBRARY INTERIOR ELEVATIONS

PROJECT NUMBER
70019.00

GF
A410
DRAWING NUMBER

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Plotted By: Julie Gamerota
Date last plotted: 3/26/2021 8:35 AM
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Drawing Name: S:\Projects\Carmel CSD\2019 Bond Interior Alts\3 Design\06 CAD\AutoCAD\ARCH\GF\GF A410 - LIBRARY INTERIOR ELEVATIONS.dwg



1 LIBRARY REFLECTED CEILING PLAN
SCALE: 3/16"=1'-0"

GENERAL REMOVAL / CONSTRUCTION NOTES

1. REMOVAL DRAWINGS INDICATE ONLY MAJOR SCOPE OF REMOVALS INCLUDING BUT NOT LIMITED TO PARTITIONS, WALLS, CEILINGS, FLOORS, COLUMN ENCLOSURES, DOOR FRAMES AND DOORS, AND ANY OTHER EXISTING ITEMS. CONTRACTOR IS REQUIRED TO REMOVE ANY AND ALL ITEMS NOT SHOWN AS REQUIRED TO SUIT ALL NEW WORK.
2. EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT, FIXTURES, RISERS, SHAFTS, PIPES, OUTLETS, DEVICES, ETC. SHOWN ON DRAWINGS ARE APPROXIMATELY LOCATED. CONTRACTOR IS TO DETERMINE EXACT LOCATIONS OF ALL ITEMS IN THE FIELD.
3. ALL EXISTING ITEMS LISTED IN NOTE NO. 2 WHICH ARE TO REMAIN SHALL BE PROVIDED WITH NEW GYPSUM BOARD ENCLOSURES BY THE CONSTRUCTION CONTRACTOR. LOCATIONS SHOWN ARE APPROXIMATE. ALL PIPES AND DUCTS SHALL BE ENCLOSED IN ALL SPACES BY DRYWALL CONSTRUCTION AND HUNG CEILINGS EXCEPT SHAFTS WHICH SHALL BE EXTENDED TO STRUCTURAL DECK. CONTRACTOR IS TO INFORM OWNERS REPRESENTATIVE OF EXISTING LOCATIONS FOR POSSIBLE DIMENSIONAL ADJUSTMENTS.
4. CONTRACTOR IS TO VERIFY ANY MAJOR DIMENSIONAL DEVIATIONS FROM DRAWINGS OR STRUCTURAL OBSTRUCTIONS. THESE SHALL BE BROUGHT TO THE OWNERS REPRESENTATIVE'S ATTENTION. ALL CONTRACT DRAWINGS INDICATE APPROXIMATE DIMENSIONS AND EXISTING CONDITIONS BASED ON FIELD SURVEY AND DRAWINGS FURNISHED BY THE OWNER. VARIATIONS MAY EXIST AS TO FIELD CONDITIONS. THE COST FOR ANY SUCH VARIATIONS SHALL BE INCLUDED WITHIN THE CONTRACT BID.
5. ALL SURFACES DISTURBED BY REMOVALS SHALL BE PATCHED TO MATCH EXISTING ADJACENT FINISHES, TYPICAL THROUGHOUT FOR WALLS, CEILINGS AND FLOORS, OR AS NOTED ON NEW FINISH SCHEDULE.
6. EACH CONTRACTOR SHALL FIRESTOP ALL NEW TRADE RELATED PENETRATIONS THROUGH FLOORS, PARTITIONS AND WALLS AT ALL LOCATIONS WITH APPROVED MATERIALS AND SYSTEMS.
7. PC TO REPLUMB EXISTING WATER AND WASTE PIPES TO NEW FIXTURES -SEE P-X FOR ADDITIONAL SCOPE.
8. GC TO PROVIDE OPENINGS IN EXISTING CMU WALLS. PROVIDE LINTELS AS SCHEDULED AND ALL CODE COMPLIANT FIRE STOPPING.
9. GC TO PATCH AND PREPARE MASONRY WALLS FOR REPAINTING.
10. GC TO PATCH AND PREPARE CONCRETE SLAB FOR NEW EPOXY FLOOR FINISH.

CONSTRUCTION KEYNOTES

1. SEE GF A106
2. SEE GF A106
3. SEE GF A106
4. G.C. TO CLEAN, PRIME AND PAINT EXISTING JOIST AND BEAM. REFER TO SHEET A-900 FOR FINISH SELECTIONS.
5. SEE GF A106
6. SEE GF A106
7. SEE GF A106
8. G.C. TO INSTALL NEW CEILING BOARD AND PAINT AS REQUIRED. REFER TO SHEET A-900 FOR FINISH SELECTIONS.
9. GC. TO INSTALL NEW CEILING BOARD AND PAINT AS REQUIRED. REFER TO SHEET A-900 FOR FINISH SELECTIONS.
10. G.C. TO INSTALL NEW ACT. CEILING. REFER TO SHEET A-900 FOR FINISH SELECTIONS.
11. G.C. TO CLEAN, PRIME AND PAINT UNDERSIDE OF EXISTING INTERIOR SLAB. REFER TO SHEET A-900 FOR FINISH SELECTIONS.
12. G.C. TO PROVIDE A WINDOW HEAD AND WALL OVER THE EXISTING WINDOW. REFER TO WINDOW DETAILS ON SHEET 8/A-801.
13. G.C. TO INSTALL NEW LIGHT FIXTURES. REFER TO SHEET A-600 AND MEP DRAWINGS.
14. SEE GF A106
15. SEE GF A106
16. SEE GF A106
17. SEE GF A106
18. SEE GF A106
19. SEE GF A106

CONSTRUCTION LEGEND

- [#] = CONSTRUCTION KEY
- SH = SLAB HEIGHT
- CH = CEILING HEIGHT
- = EXISTING BEAMS AND JOIST
- = 24" x 24" ACOUSTICAL TILE
- = 24"x 24" RECESSED FLUORESCENT LIGHT
- = CEILING TRACK, MULTIPLE SPOTLIGHT
- = 4' x 48" INDUSTRIAL PENDANT LAMP
- = 16" INDUSTRIAL PENDANT LAMP
- = 8" RECESSED LIGHT
- = SUPPLY GRILLE, REFER TO MEP DRAWINGS

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DATE	DRAWN	CHECKED
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SCALE AS SHOWN

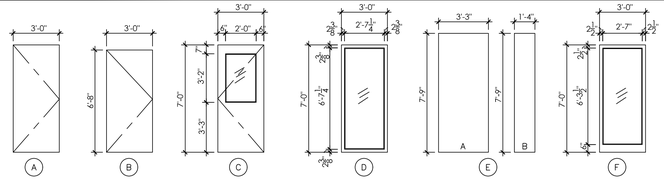
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LIBRARY REFLECTED CEILING PLAN

PROJECT NUMBER 70019.00

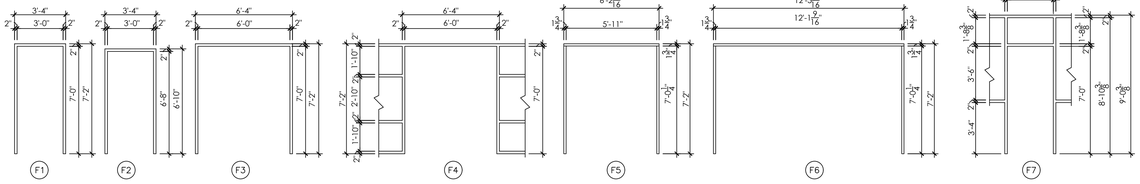
GF A600
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

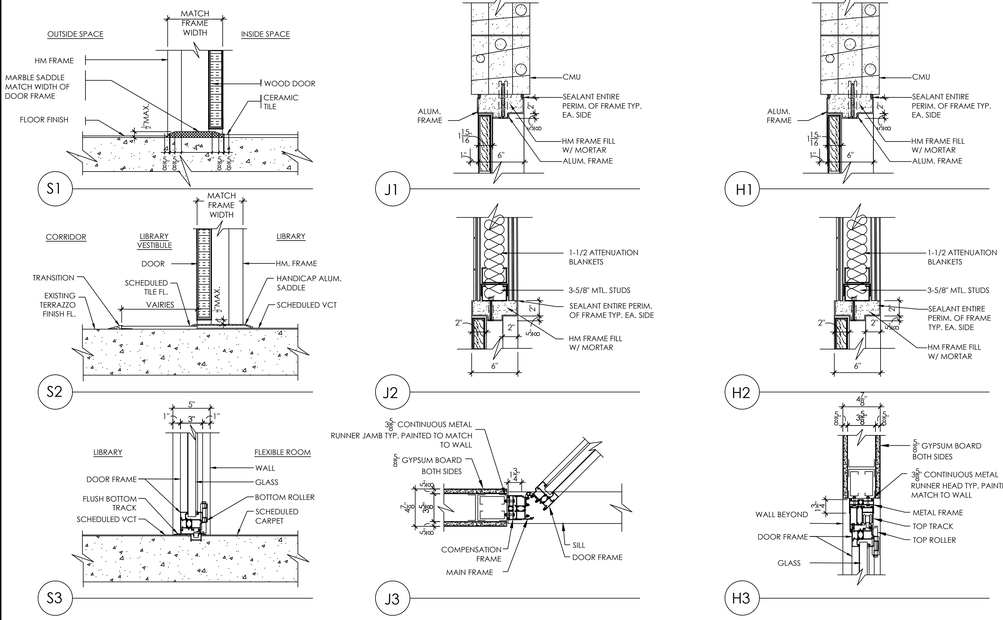
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Date last plotted: 3/26/2021 8:43 AM



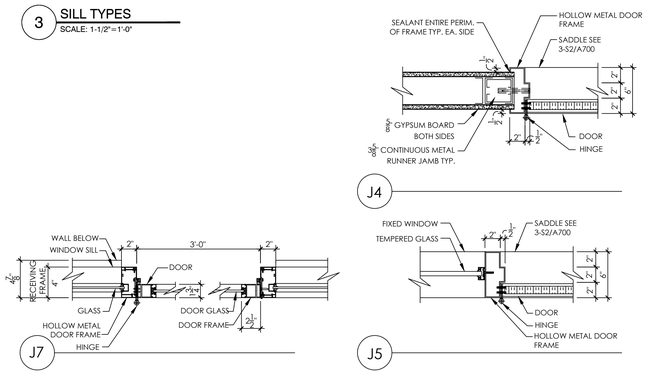
1 DOOR TYPES
SCALE: 1/4" = 1'-0"



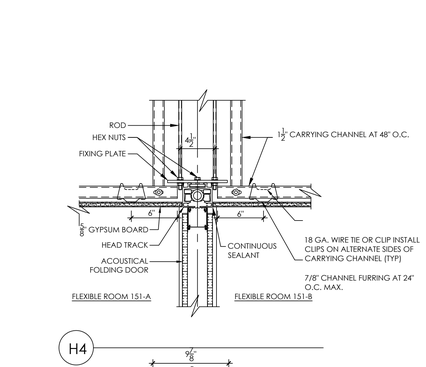
2 FRAME TYPES
SCALE: 1/4" = 1'-0"



3 SILL TYPES
SCALE: 1-1/2" = 1'-0"



4 JAMB TYPES
SCALE: 1-1/2" = 1'-0"



5 HEAD TYPES
SCALE: 1-1/2" = 1'-0"

CARMEL HIGH SCHOOL - TOILET ROOM DOOR SCHEDULE

DOOR No.	LOCATION		DOOR					FRAME							UNDER CUT 3/4"	FIRE LABEL	HARDWARE SET
	ROOM FROM	ROOM TO	TYPE	MATERIAL	WIDTH	HEIGHT	THICKNESS	TYPE	HEAD	JAMB	SILL	MATERIAL	WIDTH	HEIGHT			
1	NURSE'S OFFICE	NURSE'S TOILET	A	WOOD	3'-0"	7'-0"	1-3/4"	F1	H2	J2	S1	WOOD	3'-4"	7'-0"		1 HR.	4
2	NURSE'S OFFICE	STORAGE	A	WOOD	3'-0"	7'-0"	1-3/4"	F1	H2	J2	S1	WOOD	3'-4"	7'-0"		1 HR.	4
3	NURSE'S OFFICE	NURSE'S VESTIBULE	A	WOOD	3'-0"	7'-0"	1-3/4"	F1	H2	J2	S1	WOOD	3'-4"	7'-0"		1 HR.	1
4	CORRIDOR	NURSE'S VESTIBULE	A	WOOD	3'-0"	7'-0"	1-3/4"	F1	H2	J2	S1	WOOD	3'-4"	7'-0"		1 HR.	1
5	CORRIDOR	BOYS TOILET	B	WOOD	3'-0"	6'-8"	1-3/4"	F2	H1	J1	S1	WOOD	3'-4"	6'-8"		1 HR.	1
6	CORRIDOR	GIRLS TOILET	B	WOOD	3'-0"	6'-8"	1-3/4"	F2	H1	J1	S1	WOOD	3'-4"	6'-8"		1 HR.	1

GEORGE FISCHER MIDDLE SCHOOL - TOILET ROOM DOOR SCHEDULE

DOOR No.	LOCATION		DOOR					FRAME							UNDER CUT 3/4"	FIRE LABEL	HARDWARE SET
	ROOM FROM	ROOM TO	TYPE	MATERIAL	WIDTH	HEIGHT	THICKNESS	TYPE	HEAD	JAMB	SILL	MATERIAL	WIDTH	HEIGHT			
5	CORRIDOR	BOY'S TOILET	A	WOOD	3'-0"	7'-0"	1-3/4"	F1	H1	J1	S1	WOOD	3'-4"	7'-0"		1 HR.	1
6	CORRIDOR	GIRL'S TOILET	A	WOOD	3'-0"	7'-0"	1-3/4"	F1	H1	J1	S1	WOOD	3'-4"	7'-0"		1 HR.	1
7	NURSE'S OFFICE	E. ADA TOILET	A	WOOD	3'-0"	7'-0"	1-3/4"	F1	H1	J1	S1	WOOD	3'-4"	7'-0"		1 HR.	4

GEORGE FISCHER MIDDLE SCHOOL - LIBRARY DOOR SCHEDULE

DOOR No.	LOCATION		DOOR					FRAME							UNDER CUT 3/4"	FIRE LABEL	HARDWARE SET
	ROOM FROM	ROOM TO	TYPE	MATERIAL	WIDTH	HEIGHT	THICKNESS	TYPE	HEAD	JAMB	SILL	MATERIAL	WIDTH	HEIGHT			
17	LIBRARY	CORRIDOR	C	WOOD	3'-0" (2)	7'-0"	1-3/4"	F3	H7	J4	S2	ALUMN.	6'-4"	7'-2"	-	1 HR.	3
18	CORRIDOR	CORRIDOR	C	WOOD	3'-0" (2)	7'-0"	1-3/4"	F3	H7	J4	-	ALUMN.	6'-4"	7'-2"	-	1 HR.	5
19	LIBRARY	CORRIDOR	C	WOOD	3'-0" (2)	7'-0"	1-3/4"	F4	H7	J5	S2	ALUMN.	6'-4"	7'-2"	-	1 HR.	3
20	LIBRARY	FLEXIBLE RM.	D	ALUMN. AND GLASS	3'-0" (2)	7'-0"	1-3/4"	F5	H3	J3	S3	ALUMN.	6'-2 9/16"	7'-2"	-	1 HR.	-
21	LIBRARY	FLEXIBLE RM.	D	ALUMN. AND GLASS	3'-0" (4)	7'-0"	1-3/4"	F6	H3	J3	S3	ALUMN.	12'-5 1/16"	7'-2"	-	1 HR.	-
22	LIBRARY	FLEXIBLE RM.	D	ALUMN. AND GLASS	3'-0" (4)	7'-0"	1-3/4"	F6	H3	J3	S3	ALUMN.	12'-5 1/16"	7'-2"	-	1 HR.	-
23	FLEXIBLE RM	FLEXIBLE RM	E	WOOD	A. 3'-3" (5) B. 1'-4" (1)	7'-9"	4"	-	H5	J6	-	ALUMN.	12'-3 1/4"	7'-10"	-	1 HR.	-
24	FLEXIBLE RM	FLEXIBLE RM	E	WOOD	A. 3'-3" (5) B. 1'-4" (1)	7'-9"	4"	-	H4	J6	-	ALUMN.	12'-3 1/4"	7'-10"	-	1 HR.	-
25	RECEPTION RM	WORK RM	F	ALUMN. AND GLASS	3'-0"	7'-0"	1-3/4"	F7	H8	J7	-	ALUMN.	3'-4"	9'- 0 3/8"	-	1 HR.	2

KENT ELEMENTARY SCHOOL - TOILET ROOM DOOR SCHEDULE

DOOR No.	LOCATION		DOOR					FRAME							UNDER CUT 3/4"	FIRE LABEL	HARDWARE SET
	ROOM FROM	ROOM TO	TYPE	MATERIAL	WIDTH	HEIGHT	THICKNESS	TYPE	HEAD	JAMB	SILL	MATERIAL	WIDTH	HEIGHT			
9	NURSE'S OFFICE	NURSE'S TOILET	A	WOOD	3'-0"	7'-0"	1-3/4"	F1	H2	J2	S1	WOOD	3'-4"	7'-0"		1 HR.	1

KENT PRIMARY SCHOOL - TOILET ROOM DOOR SCHEDULE

DOOR No.	LOCATION		DOOR					FRAME							UNDER CUT 3/4"	FIRE LABEL	HARDWARE SET
	ROOM FROM	ROOM TO	TYPE	MATERIAL	WIDTH	HEIGHT	THICKNESS	TYPE	HEAD	JAMB	SILL	MATERIAL	WIDTH	HEIGHT			
10	NURSE'S OFFICE	NURSE'S TOILET	A	WOOD	3'-0"	7'-0"	1-3/4"	F1	H2	J2	S1	WOOD	3'-4"	7'-0"		1 HR.	1
11	CORRIDOR	WOMEN'S TOILET	A	WOOD	3'-0"	7'-0"	1-3/4"	F1	H1	J1	S1	WOOD	3'-4"	7'-0"		1 HR.	4
12	CORRIDOR	MEN'S TOILET	A	WOOD	3'-0"	7'-0"	1-3/4"	F1	H1	J1	S1	WOOD	3'-4"	7'-0"		1 HR.	4

MATTHEW PATERSON MIDDLE SCHOOL - TOILET ROOM DOOR SCHEDULE

DOOR No.	LOCATION		DOOR					FRAME							UNDER CUT 3/4"	FIRE LABEL	HARDWARE SET
	ROOM FROM	ROOM TO	TYPE	MATERIAL	WIDTH	HEIGHT	THICKNESS	TYPE	HEAD	JAMB	SILL	MATERIAL	WIDTH	HEIGHT			
13	CORRIDOR	UNISEX TOILET	A	WOOD	3'-0"	7'-0"	1-3/4"	F1	H1	J1	S1	WOOD	3'-4"	7'-0"		1 HR.	4
14	CORRIDOR	UNISEX TOILET	A	WOOD	3'-0"	7'-0"	1-3/4"	F1	H1	J1	S1	WOOD	3'-4"	7'-0"		1 HR.	4
15	NURSE'S OFFICE	NURSE'S TOILET	A	WOOD	3'-0"	7'-0"	1-3/4"	F1	H2	J2	S1	WOOD	3'-4"	7'-0"		1 HR.	4
16	LIBRARY	STORAGE	A	WOOD	3'-0"	7'-0"	1-3/4"	F1	H1	J1	S1	WOOD	3'-4"	7'-0"		1 HR.	1

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REVISIONS

NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
Δ1	01/07/2021	-	-	ADDENDUM #1
2	03/29/2021	JG	JP	ISSUED FOR BID

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ADELAIDE ENVIRONMENTAL HEALTH ASSOCIATES INC.
1511 ROUTE 22, SUITE C24
BREWSTER, NY 10509

TEL. 845. 278. 7710
FAX. 845.278.7750

CARMEL CENTRAL SCHOOL DISTRICT
81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563

CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.010.013
MATTHEW PATERSON SCHOOL SED#: 48.01.02.06.0.001.017
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.004.016
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	LJ/JG	CG

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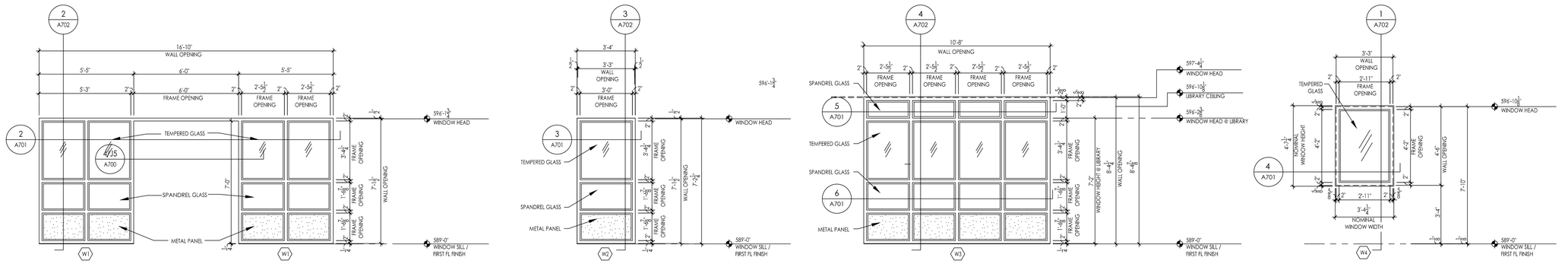
SHEET TITLE
DOOR SCHEDULES, TYPES & DETAILS

PROJECT NUMBER
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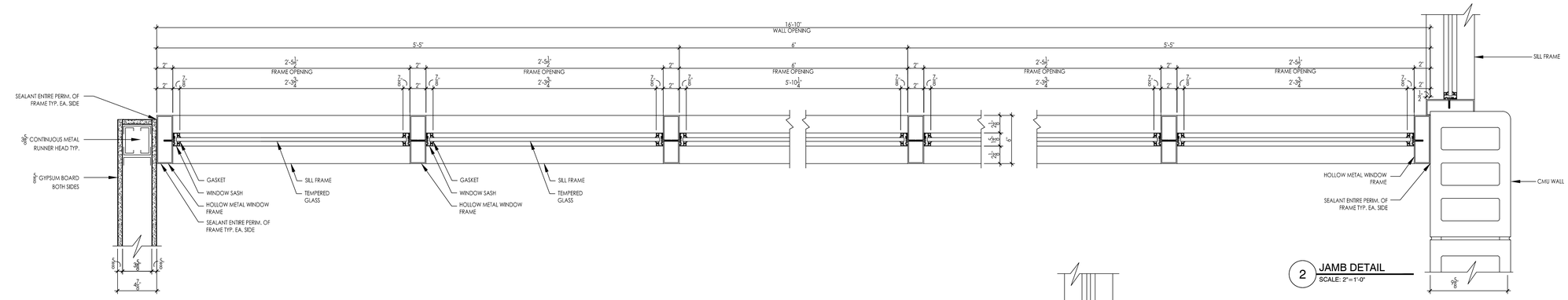
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DRAWING NUMBER

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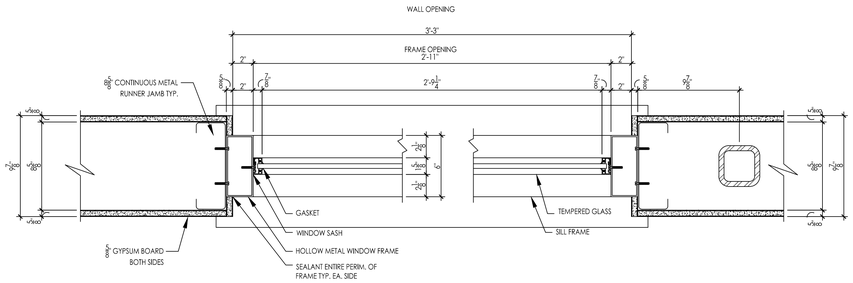
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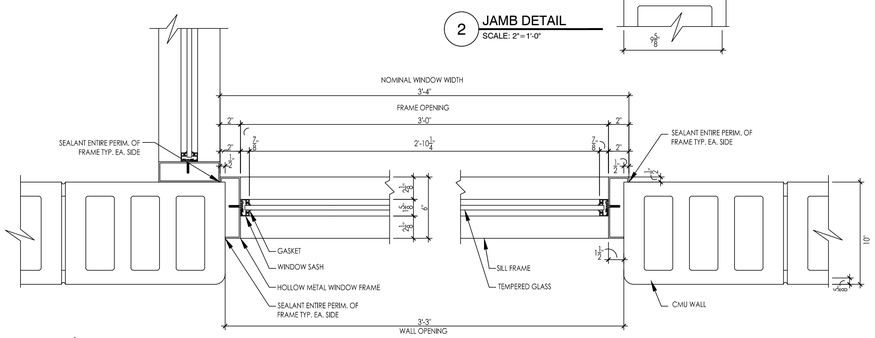
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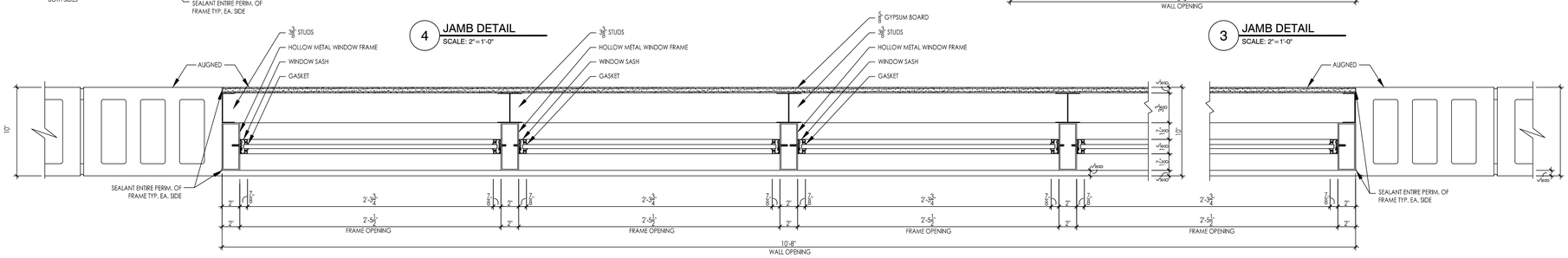
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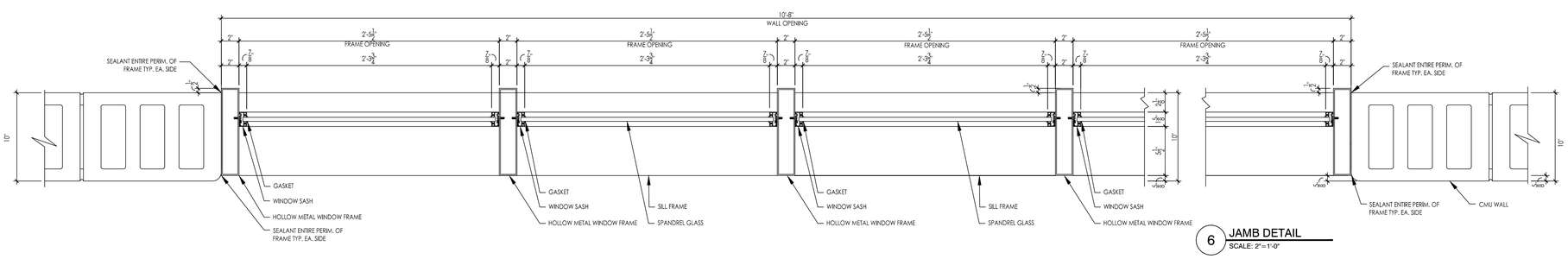
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SCALE: 2" = 1'-0"



3 JAMB DETAIL
SCALE: 2" = 1'-0"



5 JAMB DETAIL
SCALE: 2" = 1'-0"



6 JAMB DETAIL
SCALE: 2" = 1'-0"

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CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
MATTHEW PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

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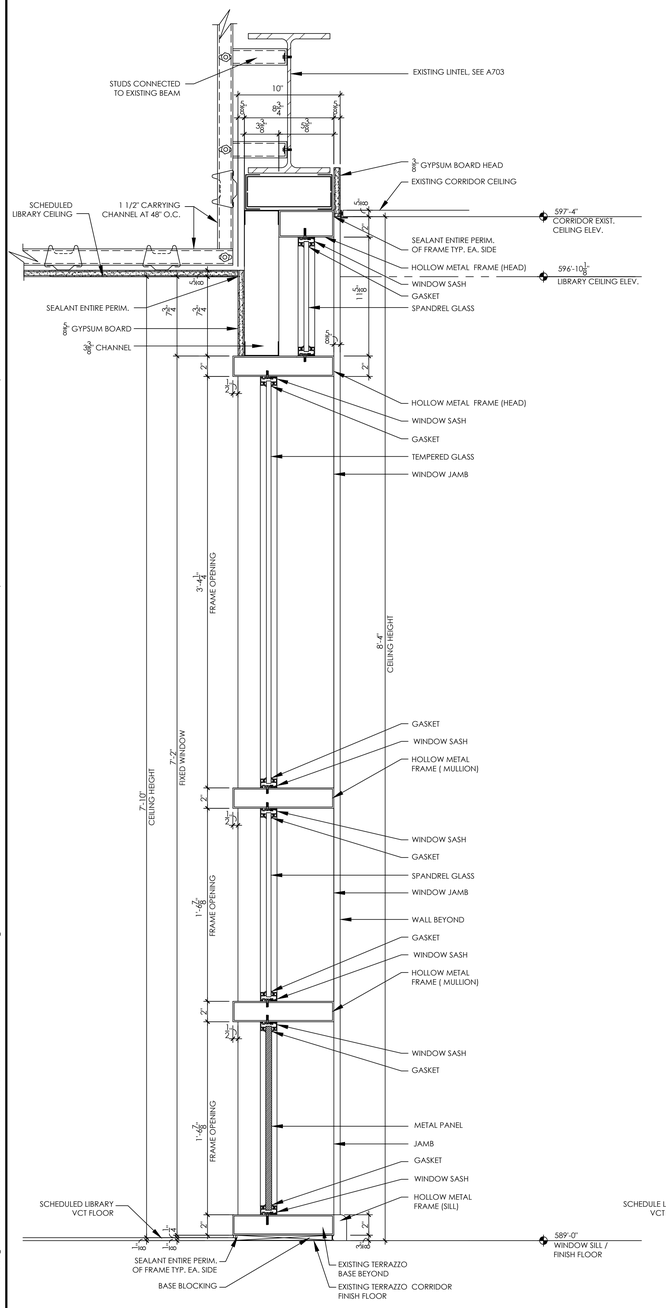
SHEET TITLE
WINDOW TYPES AND DETAILS

PROJECT NUMBER
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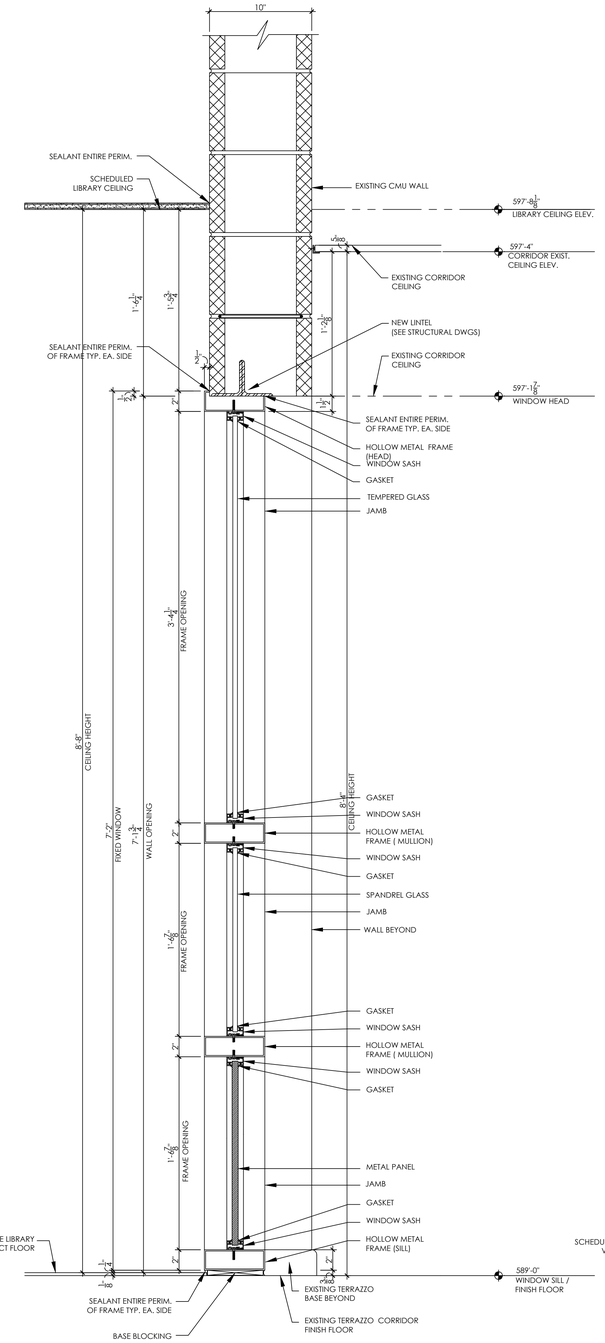
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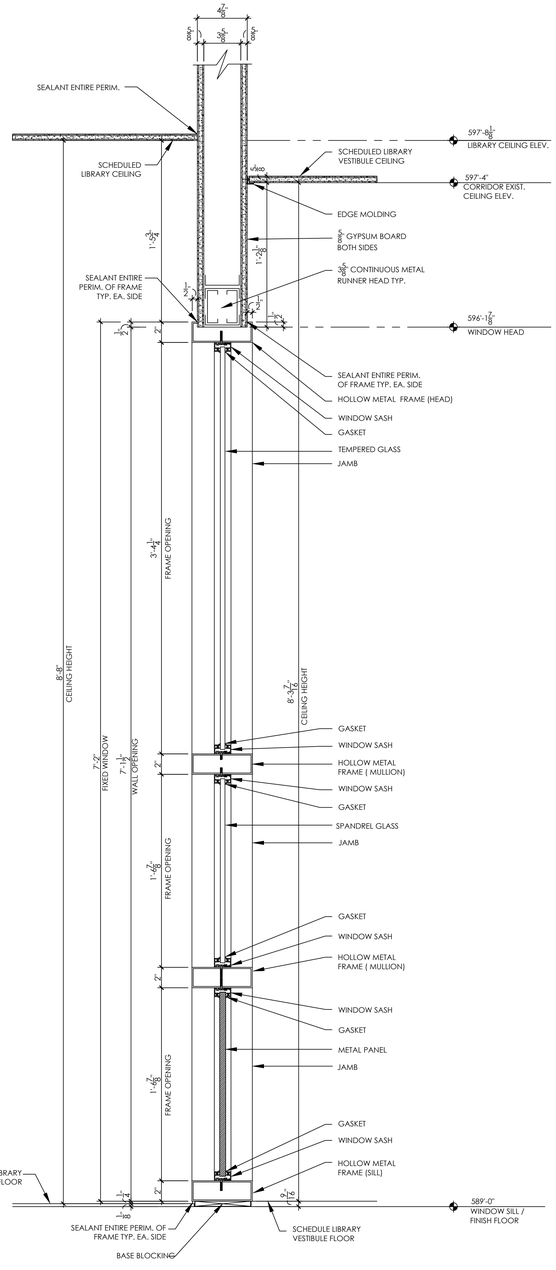
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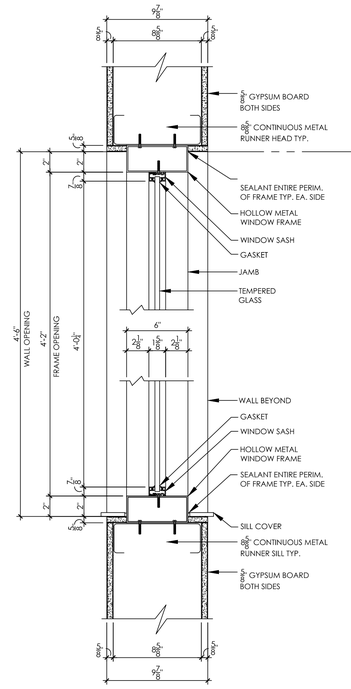
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SCALE: 2"=1'-0"



3 HEAD AND SILL DETAIL
SCALE: 2"=1'-0"



2 HEAD AND SILL DETAIL
SCALE: 2"=1'-0"



1 HEAD AND SILL DETAIL
SCALE: 2"=1'-0"

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KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.00.1.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

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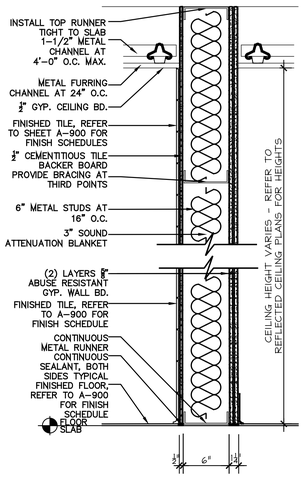
SHEET TITLE
WINDOW DETAILS

PROJECT NUMBER
70019.00

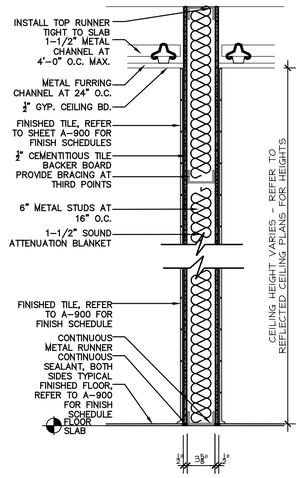
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DRAWING NUMBER

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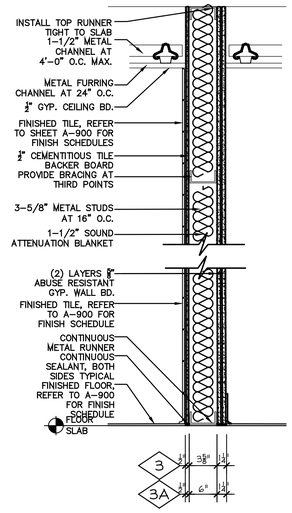
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Date last plotted: 3/26/2021 8:36 AM
Plotted By: Julie Gamerota



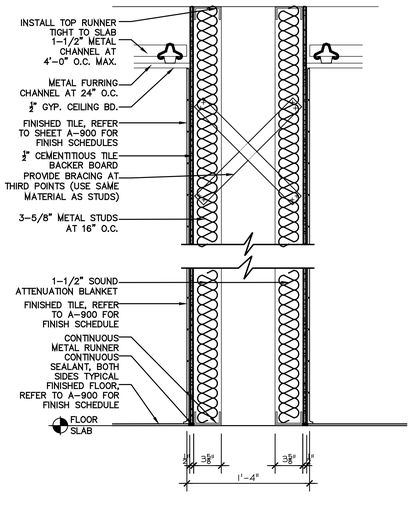
1 INTERIOR PARTITION
SCALE: 1-1/2"=1'-0"



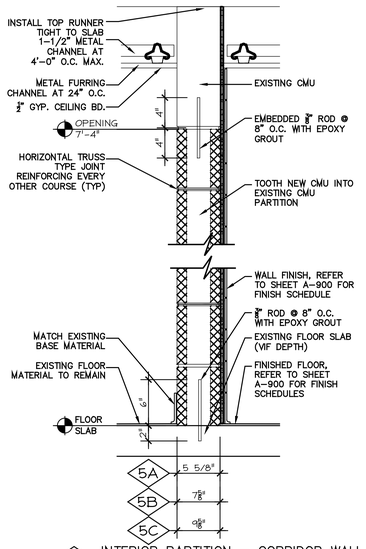
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SCALE: 1-1/2"=1'-0"



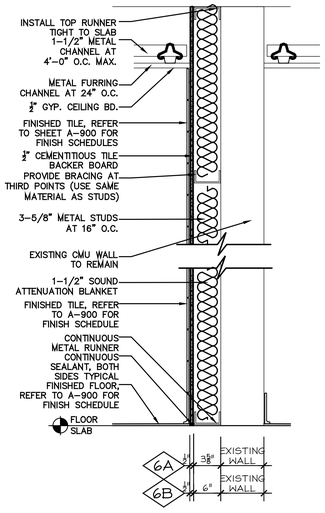
3 INTERIOR PARTITION
SCALE: 1-1/2"=1'-0"



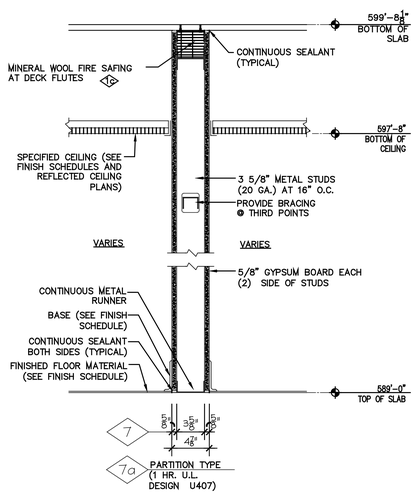
4 INTERIOR PARTITION – PLUMBING WALL
SCALE: 1-1/2"=1'-0"



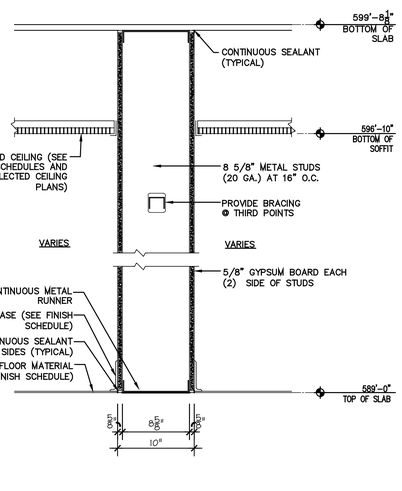
5 INTERIOR PARTITION – CORRIDOR WALL
SCALE: 1-1/2"=1'-0"



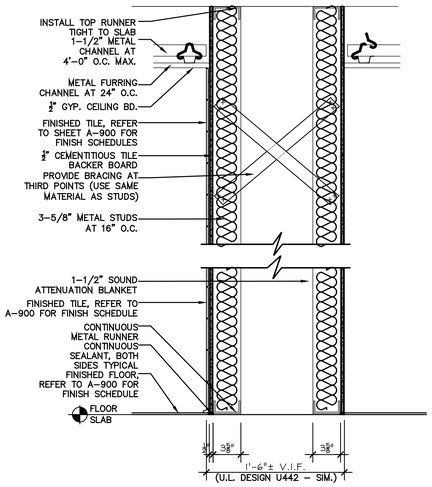
6 INTERIOR PARTITION
SCALE: 1-1/2"=1'-0"



7 INTERIOR PARTITION
SCALE: 1-1/2"=1'-0"

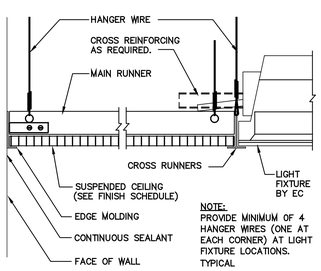


8 INTERIOR PARTITION
SCALE: 1-1/2"=1'-0"

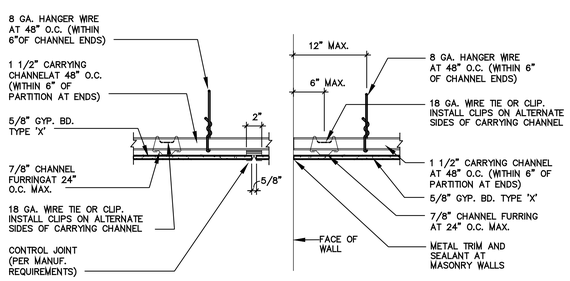


9 INTERIOR PARTITION
SCALE: 1-1/2"=1'-0"

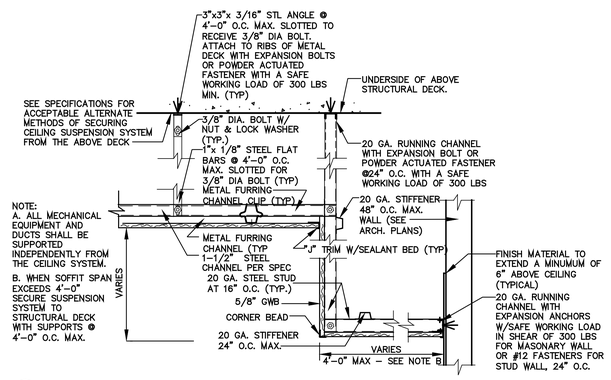
1 PARTITION TYPES
SCALE: 1-1/2"=1'-0"



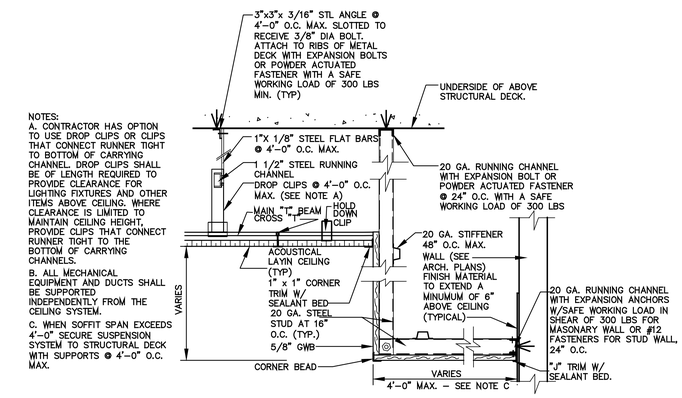
2 TYPICAL SUSPENDED ACOUSTICAL CEILING
SCALE: 3"=1'-0"



3 TYPICAL SUSPENDED GYPSUM BOARD CEILING
SCALE: 1-1/2"=1'-0"



4 TYPICAL GYPSUM BOARD SOFFIT SUSPENED CEILING
SCALE: 1-1/2"=1'-0"



5 TYPICAL GYPSUM BOARD SOFFIT & SUSPENED CEILING ACOUSTICAL LAY-IN CEILING
SCALE: 1-1/2"=1'-0"

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REVISIONS				
NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	BID DOCS CONSTRUCTION DOCUMENTS SUBMISSION
2	01/07/2021	JG	JP	ADDENDUM #1
3	03/29/2021			ISSUED FOR BID

ENVIRONMENTAL CONSULTANT
ADELAIDE ENVIRONMENTAL HEALTH ASSOCIATES INC.
1511 ROUTE 22, SUITE C24
BREWSTER, NY 10509
TEL. 845.278.7710
FAX. 845.278.7750

CARMEL CENTRAL SCHOOL DISTRICT
81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563
CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
MATTHEW PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	LJ/KG	CG

SCALE: AS SHOWN

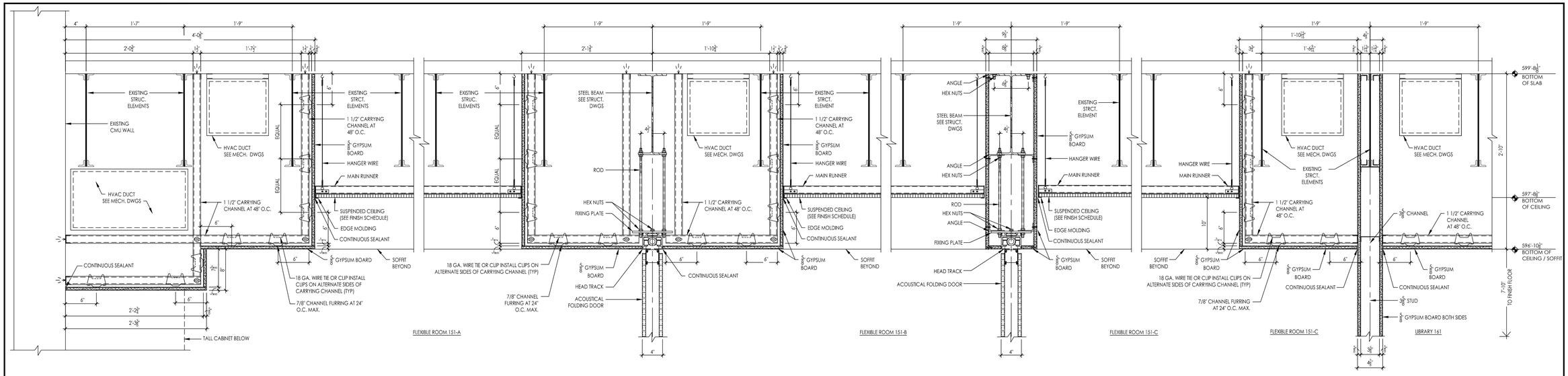
SHEET TITLE
PARTITION TYPES & DETAILS

PROJECT NUMBER
70019.00

A800
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Plotted By: Julie Gamerota
Date last plotted: 3/26/2021 1:59 PM
Date last accessed: 3/26/2021 8:31 AM
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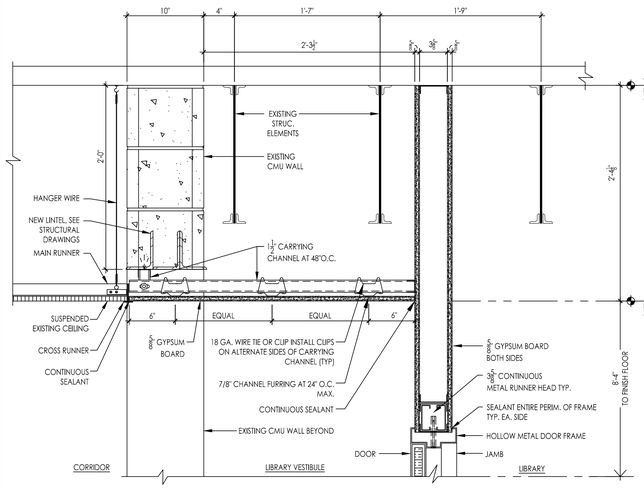


1 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"

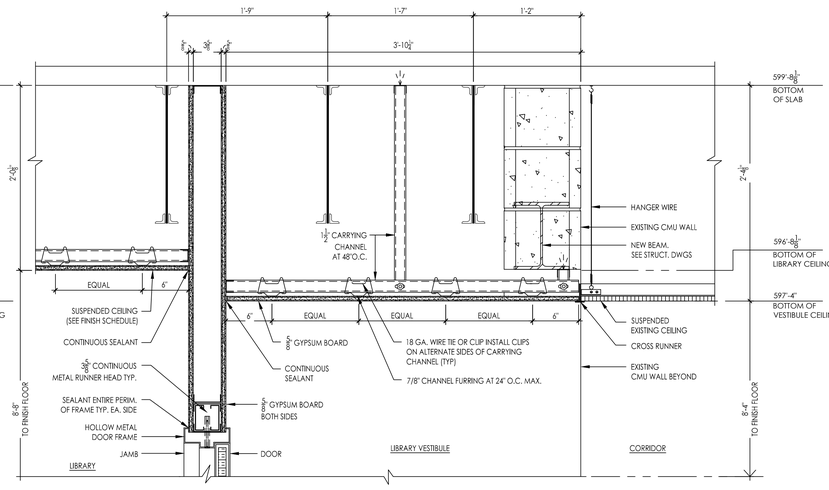
2 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"

3 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"

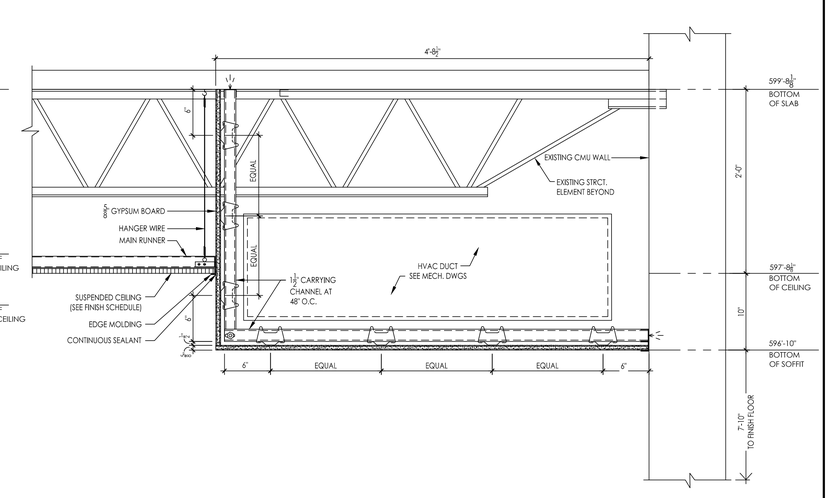
4 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



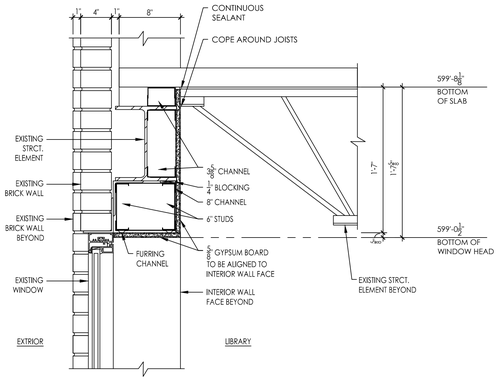
5 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



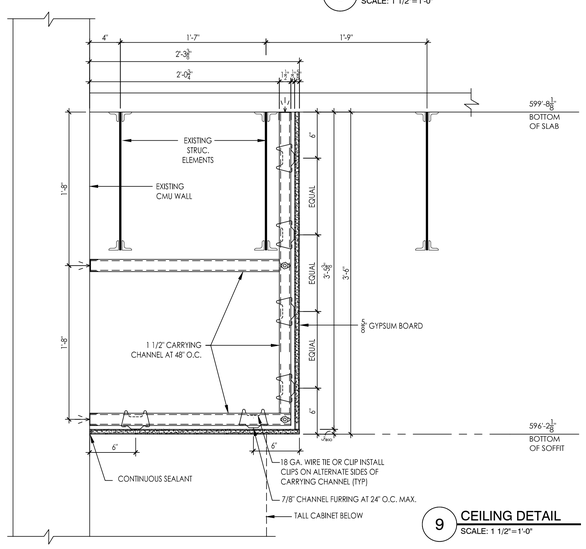
6 CEILING DETAIL
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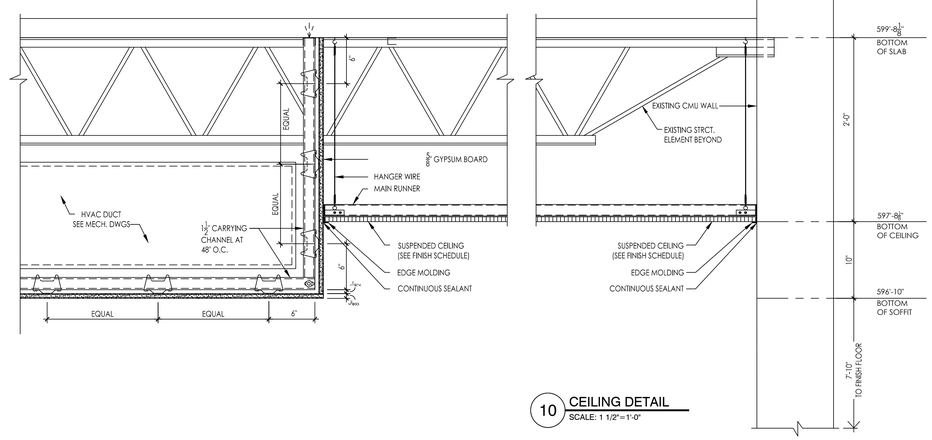
7 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



8 WINDOW HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



9 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



10 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"

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REVISIONS

NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
1	01/07/2021	-	-	ADDENDUM #1
2	03/29/2021	JG	JP	ISSUED FOR BID

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CARMEL CENTRAL SCHOOL DISTRICT
81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563

CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.010.013
MATTHEW PATERSON SCHOOL SED#: 48.01.02.06.0.001.017
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.004.016
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

SCALE AS SHOWN

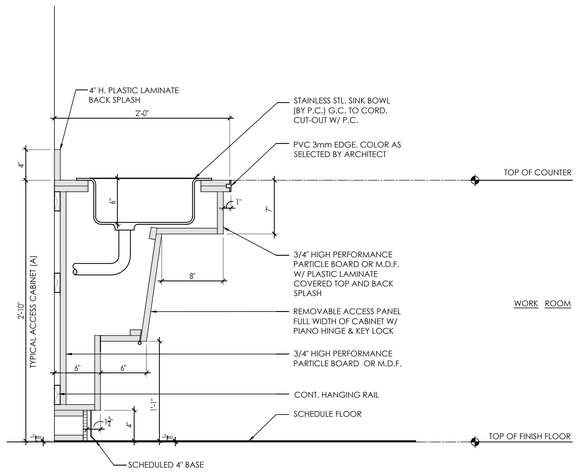
SHEET TITLE
INTERIOR DETAILS

PROJECT NUMBER
70019.00

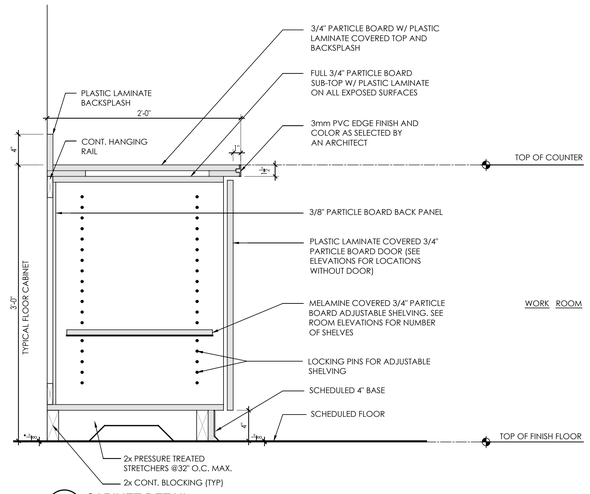
A801
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

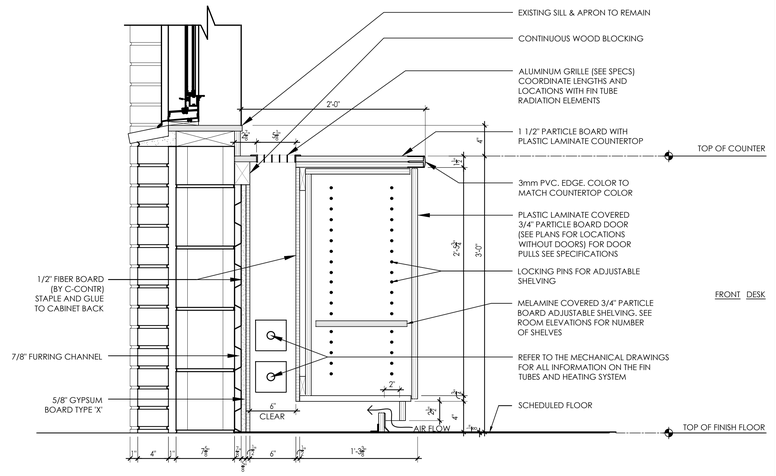
Plotted By: Julie Gamerota
Date last plotted: 3/26/2021 8:36 AM
Date last accessed: 3/26/2021 8:31 AM
Drawing Name: S:\Projects\Carmel CSD\2019 Bond Interior Alts\3.D Design\06 CAD\AutoCAD\ARCH\General Sheets\A-801 Interior Details.dwg



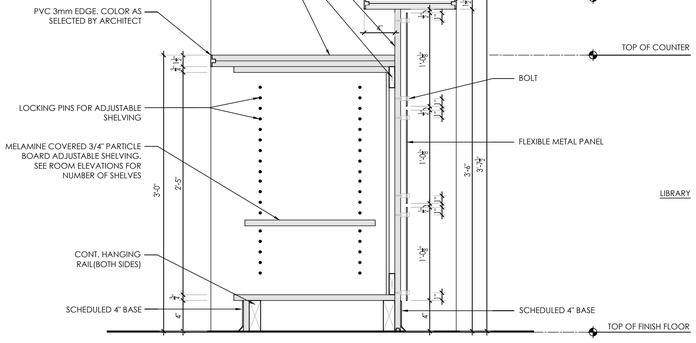
1 CABINET DETAIL
SCALE: 1 1/2"=1'-0"



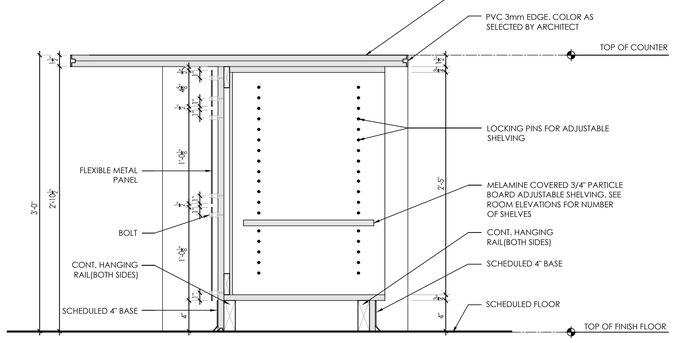
2 CABINET DETAIL
SCALE: 1 1/2"=1'-0"



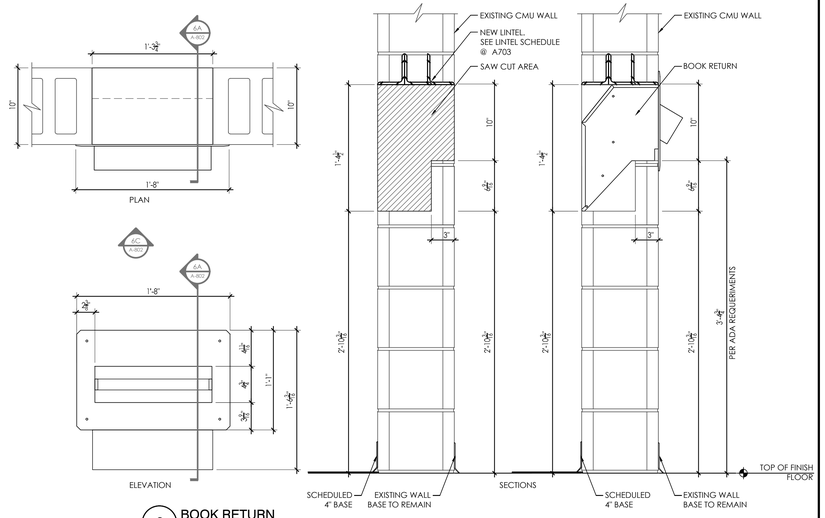
3 CABINET DETAIL
SCALE: 1 1/2"=1'-0"



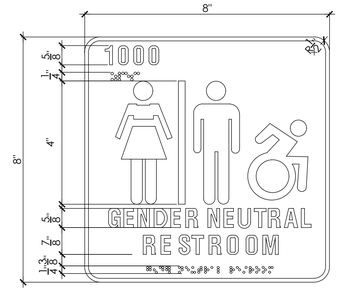
4 FRONT DESK DETAIL
SCALE: 1 1/2"=1'-0"



5 FRONT DESK DETAIL
SCALE: 1 1/2"=1'-0"



6 BOOK RETURN
SCALE: 1 1/2"=1'-0"



GENDER NUETRAL SIGNAGE ID FRONT ELEVATION
INSERT BACKGROUND: 1/16" ACRYLIC (COLOR TBD)
TEXT: 1/32" APPLIED ACRYLIC (COLOR TBD)
FRAME: PLASTIC (COLOR TBD) W/ ROUND CORNERS
INSERT MOUNTING: SNAP LOCKS
SIGN MOUNTING: D/F TAPE & SCREWS

7 GENDER NEUTRAL SIGNAGE
SCALE: 6"=1'-0"

NOTES:

1. SIGNS FOR THE DISABLED SHALL COMPLY WITH REQUIREMENTS OF AMERICANS WITH DISABILITIES ACT (ADA) AND ANSI A117.1.
2. COORDINATE EXACT LOCATIONS OF ALL SIGNAGE WITH OWNER'S REPRESENTATIVE.
3. CONTRACTOR TO VERIFY QUANTITIES IN FILED. CONTRACTOR TO PROVIDE SIGNAGE SHOP DRAWINGS FOR ARCHITECT AND OWNER'S REPRESENTATIVE APPROVALS.
4. ACRYLIC SNAP FRAME SIGNS AS MANUFACTURED BY GRAVOGRAPH, 2200 NORTHMONT PARKWAY, DULUTH, GA 30096; 800-843-7637

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SOMERS, NEW YORK 10589
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REVISIONS				
NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	BID DOCS CONSTRUCTION DOCUMENTS SUBMISSION
2	01/07/2021	LJ	JG	ADDENDUM #1
2	02/22/2021		JP	ISSUED FOR BID

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MATTHEW PATERSON SCHOOL SED#: 48.01.02.06.0.001.017
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.004.016
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

SCALE AS SHOWN

SHEET TITLE
INTERIOR DETAILS

PROJECT NUMBER
70019.00

A802
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\ARCH\General Sheets\A-802 Interior and Millwork Details.dwg Date last accessed: 3/26/2021 11:38 AM Date last plotted: 3/26/2021 11:56 AM Plotted By: Julie Gamerota

Drawing Name: S:\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\ARCH\General Sheets\A-900 Finish Schedule.dwg Date last accessed: 3/26/2021 8:30 AM Date last plotted: 3/26/2021 8:36 AM Plotted By: Julie Gamerota

FINISH TAGS

FLOOR	CONC.	CONCRETE	CEILING	GWB	GYPSUM BOARD CEILING, PAINT
	CT	CERAMIC TILE		PT	PAINT, SEE PAINT FINISHES
	VCT	VINYL COMPOSITION TILE: 12"x12"		ACT	2x2 OR 2x4 TILES
	CP	CARPET		PSL	EXISTING SLAB, PAINT
	TT	TERRAZZO TILE	NOTES:	1. WORK IN THIS AREA IS A COMBINATION OF NEW FINISHES AND EXISTING FINISHES TO REMAIN, SEE ENLARGED PART. PLAN FOR EXTENT OF NEW WORK.	
BASE	CT-1	12x12 CERAMIC TILE		2. THE CONTRACTOR SHALL PATCH AND REPAIR ALL FLOORS, WALLS, CEILINGS, ETC., DAMAGED OR EXPOSED DUE TO WORK OR REMOVALS, AND FINISH TO MATCH ADJOINING SURFACES.	
	VB-1	4" VINYL BASE		3. WHERE GWB IS DESIGNATED FOR CEILINGS, CEILING MATERIAL SHALL BE MOLD & MOISTURE RESISTANT GYPSUM BOARD.	
WALL	PT-1	PAINT NEW GYPSUM BOARD			
	PT-2	PAINT EXISTING CMU BLOCK WALL			
	CT-1	12x12 CERAMIC TILE			
	CT-2	12x12 CERAMIC ACCENT TILE			

FINISH SCHEDULE

ROOM FINISH SCHEDULE — CARMEL HIGH SCHOOL

ROOM NO.	SPACE NO.	ROOM NAME	FLOOR	BASE	WALL			CEILING			REMARKS:
			MATERIAL	MATERIAL	MATERIAL	HEIGHT/VIF	AREA	MATERIAL	HEIGHT/VIF	AREA	
1	-	UNISEX TOILET	CT	CT-1	CT-1/CT-2	8'-5"±	250	ACT	8'-5"±	65	REFER TO FINISH TAGS SCHEDULE
2	-	STORAGE	CONCRETE	VB-1	GWB/PT	8'-5"±	250	ACT	8'-5"±	55	REFER TO FINISH TAGS SCHEDULE
3	-	NURSE	VCT	VB-1	GWB/PT	8'-5"±	150	ACT	8'-5"±	55	REFER TO FINISH TAGS SCHEDULE
4	-	NURSE VESTIBULE	VCT	VB-1	GWB/PT	8'-5"±	250	ACT	8'-5"±	55	REFER TO FINISH TAGS SCHEDULE
5	-	EXAM ROOM 5	VCT	VB-1	GWB/PT	8'-5"±	250	ACT	8'-5"±	55	REFER TO FINISH TAGS SCHEDULE
R119	-	MEN'S TOILET	CT	CT-1	CT-1/CT-2	9'-4"±	620	ACT	9'-4"±	190	REFER TO FINISH TAGS SCHEDULE
R120	-	WOMEN'S TOILET	CT	CT-1	CT-1/CT-2	9'-4"±	585	ACT	9'-4"±	175	REFER TO FINISH TAGS SCHEDULE

FINISH SCHEDULE

ROOM FINISH SCHEDULE — GEORGE FISCHER MIDDLE SCHOOL

ROOM NO.	SPACE NO.	ROOM NAME	FLOOR	BASE	WALL			CEILING			REMARKS:
			MATERIAL	MATERIAL	MATERIAL	HEIGHT/VIF	AREA	MATERIAL	HEIGHT/VIF	AREA	
102	-	BOY'S TOILET	CT	CT-1	CT-1/CT-2	VARIES	560	GWB	VARIES	225	REFER TO FINISH TAGS SCHEDULE
103	-	GIRL'S TOILET	CT	CT-1	CT-1/CT-2	VARIES	560	GWB	VARIES	225	REFER TO FINISH TAGS SCHEDULE
116	-	NURSE'S TOILET	CT	CT-1	CT-1/CT-2	7'-11"±/ 8'-4"±	275	GWB/ACT	7'-11"±/ 8'-4"±	75	REFER TO FINISH TAGS SCHEDULE
120	-	NURSE'S ROOM	VCT	VB-1	EXISTING CMU	8'-4"±	110	ACT	8'-4"±	-	REFER TO FINISH TAGS SCHEDULE

FINISH SCHEDULE

ROOM FINISH SCHEDULE — KENT ELEMENTARY SCHOOL

ROOM NO.	SPACE NO.	ROOM NAME	FLOOR	BASE	WALL			CEILING			REMARKS:
			MATERIAL	MATERIAL	MATERIAL	HEIGHT/VIF	AREA	MATERIAL	HEIGHT/VIF	AREA	
121	-	NURSE'S TOILET ROOM	CT	CT-1	CT-1/CT-2	8'-0"±/ 9'-11"±	280	GWB	8'-0"±/ 9'-11"±	50	REFER TO FINISH TAGS SCHEDULE
STAGE	-	STAGE STAIR FLOOR	VCT	VB-1	PT-2	V.I.F.	-	-	-	-	REFER TO FINISH TAGS SCHEDULE

FINISH SCHEDULE

ROOM FINISH SCHEDULE — KENT PRIMARY SCHOOL

ROOM NO.	SPACE NO.	ROOM NAME	FLOOR	BASE	WALL			CEILING			REMARKS:
			MATERIAL	MATERIAL	MATERIAL	HEIGHT/VIF	AREA	MATERIAL	HEIGHT/VIF	AREA	
138	-	WOMEN'S TOILET	CT	CT-1	CT-1/CT-2	7'-11"±	330	GWB	7'-11"±	125	REFER TO FINISH TAGS SCHEDULE
139	-	MEN'S TOILET	CT	CT-1	CT-1/CT-2	7'-11"±	335	GWB	7'-11"±	125	REFER TO FINISH TAGS SCHEDULE
165	-	NURSE'S TOILET	CT	CT-1	CT-1/CT-2	7'-9"±	230	GWB	7'-9"±	50	REFER TO FINISH TAGS SCHEDULE
STAGE	-	STAGE STAIR FLOOR	VCT	VB-1	PT-2	V.I.F.	-	-	-	-	REFER TO FINISH TAGS SCHEDULE

FINISH SCHEDULE

ROOM FINISH SCHEDULE — MATTHEW PATERSON ELEMENTARY SCHOOL

ROOM NO.	SPACE NO.	ROOM NAME	FLOOR	BASE	WALL			CEILING			REMARKS:
			MATERIAL	MATERIAL	MATERIAL	HEIGHT/VIF	AREA	MATERIAL	HEIGHT/VIF	AREA	
4	-	NURSE OFFICE	VCT	VB-1	PT-1	8'-7"±	220	ACT	8'-7"±	60	REFER TO FINISH TAGS SCHEDULE
7	-	UNISEX TOILET	CT	CT-1	CT-1/CT-2	7'-11"±	215	GWB	7'-11"±	55	REFER TO FINISH TAGS SCHEDULE
8	-	UNISEX TOILET	CT	CT-1	CT-1/CT-2	7'-11"±	205	GWB	7'-11"±	45	REFER TO FINISH TAGS SCHEDULE
9	-	UNISEX TOILET	CT	CT-1	CT-1/CT-2	7'-11"±	230	ACT	7'-11"±	65	REFER TO FINISH TAGS SCHEDULE
10	-	UNISEX TOILET	CT	CT-1	CT-1/CT-2	7'-11"±	205	GWB	7'-11"±	50	REFER TO FINISH TAGS SCHEDULE
11	-	STORAGE ROOM	CONCRETE	VB-1	PT-2/CMU	7'-11"±	320	GWB	7'-11"±	95	REFER TO FINISH TAGS SCHEDULE
12	-	NURSE'S TOILET	CT	CT-1	CT-1/CT-2	8'-7"±	710	ACT	8'-7"±	340	REFER TO FINISH TAGS SCHEDULE
STAGE	-	STAGE STAIR FLOOR	VCT	VB-1	PT-2	V.I.F.	-	-	-	-	REFER TO FINISH TAGS SCHEDULE

FINISH SCHEDULE

ROOM FINISH SCHEDULE — GEORGE FISCHER MIDDLE SCHOOL - LIBRARY

ROOM NO.	SPACE NO.	ROOM NAME	FLOOR	BASE	WALL			CEILING			REMARKS:
			MATERIAL	MATERIAL	MATERIAL	HEIGHT/VIF	AREA	MATERIAL	HEIGHT/VIF	AREA	
161	-	LIBRARY	VCT/CP	VB-1	PT-1/PT-2	VARIES	941/ 1,654	GWB/GWB/ PSL	7'-10"/8'-8"/10' -8"	844/ 783/ 2,981	REFER TO FINISH TAGS SCHEDULE. REFER TO RCP PLANS FOR CEILING HEIGHTS
161-A	-	FLEXIBLE ROOM	VCT	VB-1	PT-1/PT-2	VARIES	244/ 161	GWB/ACT	7'-10"/8'-8"	221/ 281	REFER TO FINISH TAGS SCHEDULE. REFER TO RCP PLANS FOR CEILING HEIGHTS
161-B	-	FLEXIBLE ROOM	VCT	VB-1	PT-1/PT-2	VARIES	225/ 163	GWB/ACT	7'-10"/8'-8"	138/ 360	REFER TO FINISH TAGS SCHEDULE. REFER TO RCP PLANS FOR CEILING HEIGHTS
161-C	-	FLEXIBLE ROOM	VCT	VB-1	PT-1/PT-2	VARIES	319/ 85	GWB/ACT	7'-10"/8'-8"	96/ 180	REFER TO FINISH TAGS SCHEDULE. REFER TO RCP PLANS FOR CEILING HEIGHTS
161-D	-	WORK ROOM	VCT	VB-1	PT-1/PT-2	VARIES	111/-	PSL	10'-8"	-	REFER TO FINISH TAGS SCHEDULE. REFER TO RCP PLANS FOR CEILING HEIGHTS
161-F	-	LIBRARY VESTIBULE	TT	VB-1	PT-1/PT-2	VARIES	55/ 30	GBW	8'-4"	65	REFER TO FINISH TAGS SCHEDULE. REFER TO RCP PLANS FOR CEILING HEIGHTS
161-G	-	LIBRARY VESTIBULE	TT	VB-1	PT-1/PT-2	VARIES	22/ 22	GBW	8'-4"	22	REFER TO FINISH TAGS SCHEDULE. REFER TO RCP PLANS FOR CEILING HEIGHTS

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REVISIONS

NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	BID 100% CONSTRUCTION DOCUMENTS SUBMISSION
1	01/07/2021	LJ	CG	ADDENDUM #1
2	03/29/2021	JG	JP	ISSUED FOR BID

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CARMEL CENTRAL SCHOOL DISTRICT

81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563

CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
MATTHEW PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
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KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	RWR	CG

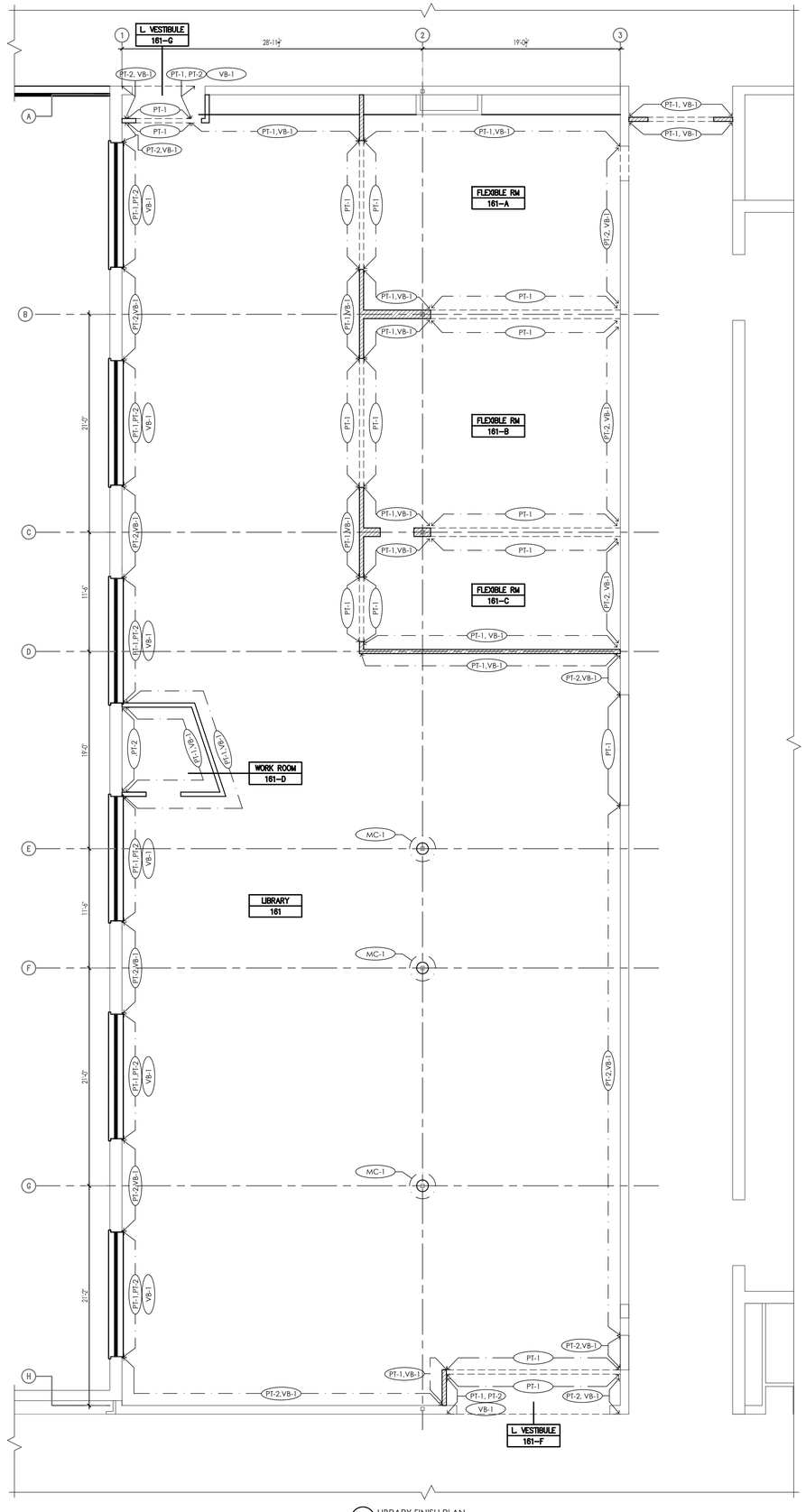
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SHEET TITLE
TOILET ROOM AND LIFT FINISH SCHEDULES

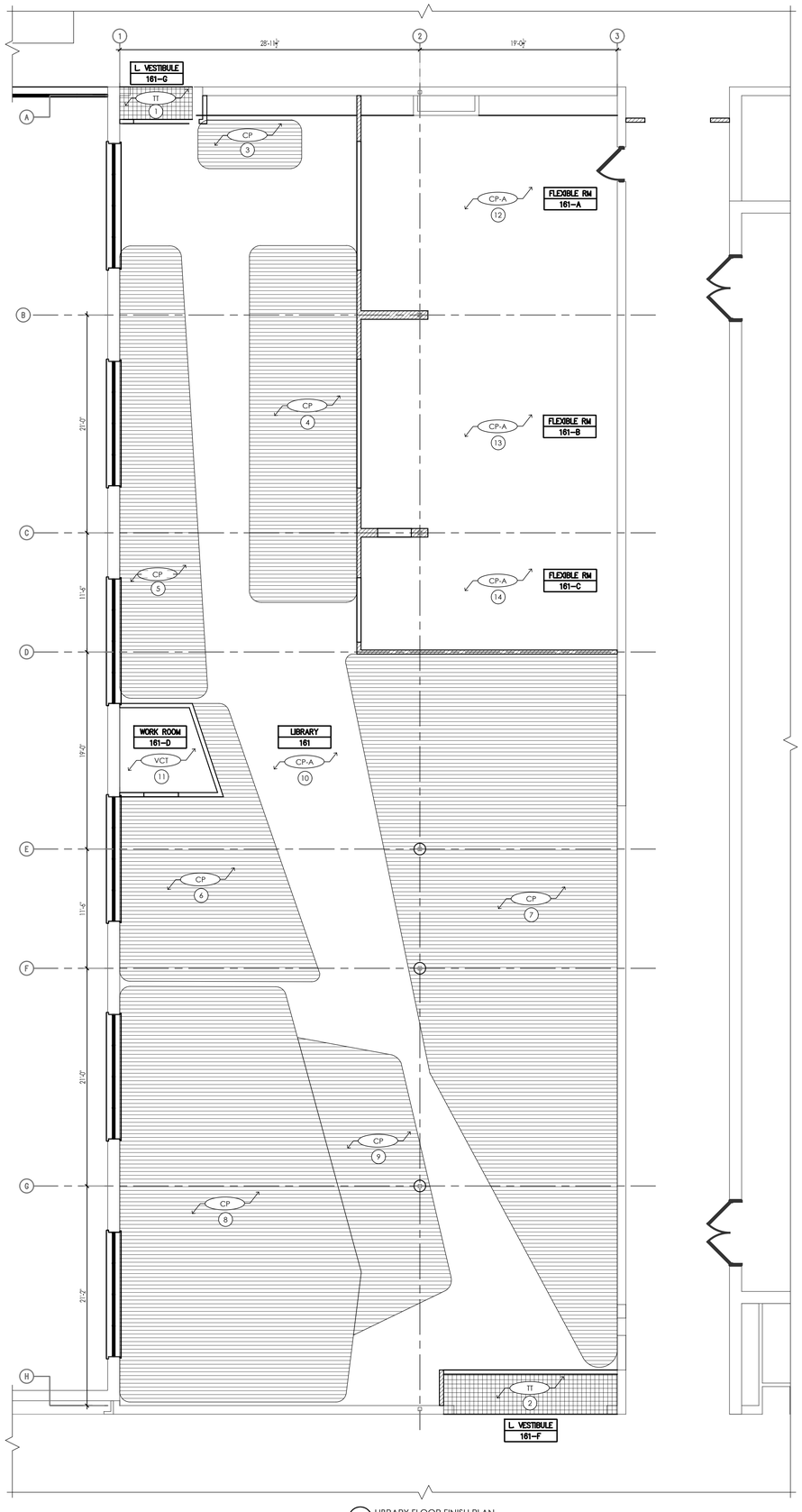
PROJECT NUMBER
70019.00

A900
DRAWING NUMBER

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2 LIBRARY FINISH PLAN
SCALE: 3/16"=1'-0"



1 LIBRARY FLOOR FINISH PLAN
SCALE: 3/16"=1'-0"

LIBRARY FINISH LEGEND

= CARPET

= TILES

LIBRARY FINISH TAG

FLOOR	CONC.	CONCRETE
	CT	CERAMIC TILE
	VCT	VINYL COMPOSITION TILE; 12"x12"
	CP	CARPET
	CP-A	CARPET (ACCENT COLOR)
	TT	TERRAZZO TILE
BASE	MT-1	1x1 MOSAIC TILE
	VB-1	4" VINYL BASE
WALL	PT-1	PAINT NEW GYPSUM BOARD
	PT-2	PAINT EXISTING CMU BLOCK WALL
	CT-1	4x8 CERAMIC SUBWAY TILE
	CT-2	1x1 CERAMIC TILE
SRUCT. ELEMENTS	MC-1	NEW COLUMN METAL COVER

LIBRARY FLOOR FINISH ZONES

ZONE	ROOM NO.	ROOM NAME	FINISH TAG	AREA (SQ.FT.)	COLOR	REMARKS
1	161-F	LIBRARY VESTIBULE	TT	65	-	SEE FLOOR FINISH PLAN
2	161-G	LIBRARY VESTIBULE	TT	22	-	SEE FLOOR FINISH PLAN
			TOTAL	87		
3	161	LIBRARY	CP	46	-	SEE FLOOR FINISH PLAN
4	161	LIBRARY	CP	355	-	SEE FLOOR FINISH PLAN
5	161	LIBRARY	CP	313	-	SEE FLOOR FINISH PLAN
6	161	LIBRARY	CP	323	-	SEE FLOOR FINISH PLAN
7	161	LIBRARY	CP	1,193	-	SEE FLOOR FINISH PLAN
8	161	LIBRARY	CP	820	-	SEE FLOOR FINISH PLAN
9	161	LIBRARY	CP	229	-	SEE FLOOR FINISH PLAN
			TOTAL	3,279		
10	161	LIBRARY	VCT	1,276	-	SEE FLOOR FINISH PLAN
11	161-D	WORK ROOM	VCT	66	-	SEE FLOOR FINISH PLAN
12	161-A	FLEXIBLE ROOM	VCT	521	-	SEE FLOOR FINISH PLAN
13	161-B	FLEXIBLE ROOM	VCT	514	-	SEE FLOOR FINISH PLAN
14	161-C	FLEXIBLE ROOM	VCT	277	-	SEE FLOOR FINISH PLAN
			TOTAL	2,654		

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DATE	DRAWN	CHECKED
11/30/2020	LJ	CG

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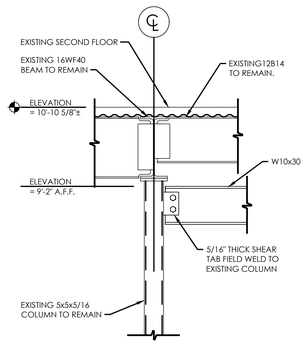
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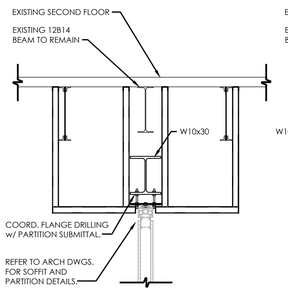
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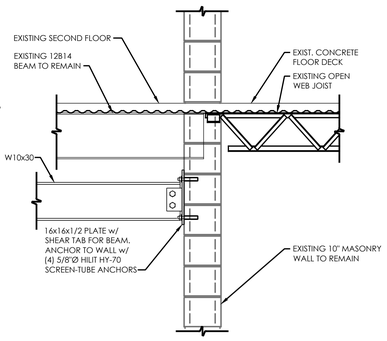
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DRAWING NUMBER

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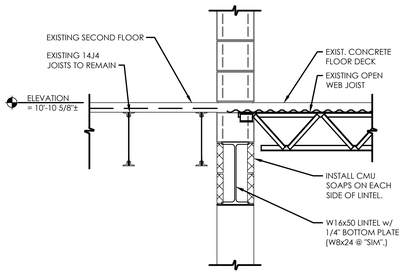
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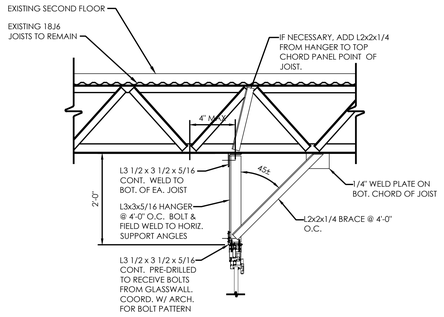




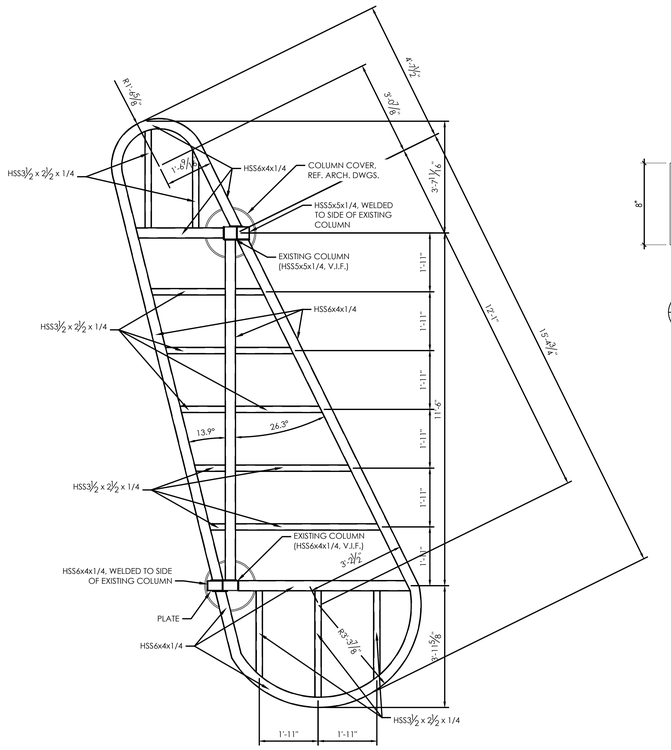
2 S202 OPERABLE PARTITION FRAMING SECTION/DETAIL
SCALE: 3/4" = 1'-0"



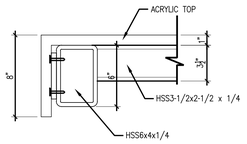
3 S202 LINTEL SECTION
SCALE: 3/4" = 1'-0"



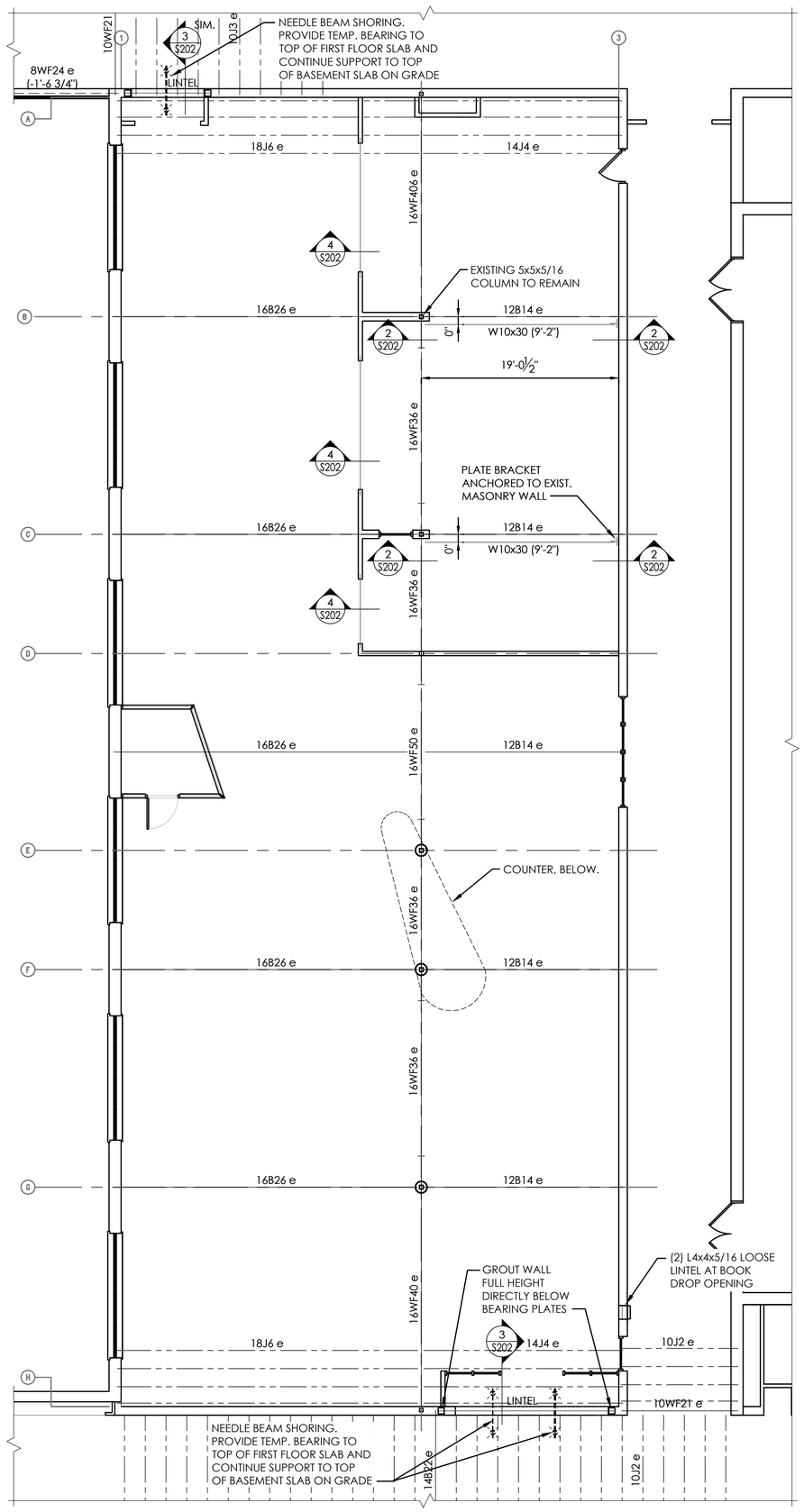
4 S202 GLASSWALL HEAD SECTION
SCALE: 3/4" = 1'-0"



5 S202 COUNTER SUB-FRAME PLAN DETAIL
SCALE: 3/4" = 1'-0"



6 S202 COUNTER EDGE DETAIL
SCALE: 2" = 1'-0"



1 S202 EXISTING SECOND FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. THE STRUCTURE SHOWN ON THESE DRAWING IS SOUND ONLY IN ITS COMPLETED FORM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE DESIGN, ADEQUACY, SAFETY AND STABILITY OF TEMPORARY ERECTION BRACING AND SHORING.
2. WHERE A DETAIL, TYPICAL DETAIL, SECTION, TYPICAL SECTION OR PLAN NOTE IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL SIMILAR OR LIKE CONDITIONS UNLESS NOTED OTHERWISE.
3. ALL DESIGN, INCLUDING MATERIAL STRESSES AND METHODS OF CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE 2020 NEW YORK STATE BUILDING CODE , THE UNIFORM BUILDING CODE, OSHA AND GOVERNING AGENCIES HAVING JURISDICTION.
4. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS SHOWN ON THE DRAWINGS AND IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO ORDERING OR FABRICATING MATERIALS OR OTHERWISE PROCEEDING WITH THE WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES IN ORDER TO COMPLY WITH THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, EQUIPMENT AND SERVICES REQUIRED TO EXECUTE AND COMPLETE ALL ITEMS OF WORK AS SHOWN OR INDICATED ON THE DRAWINGS AND AS SPECIFIED HEREIN, INCLUDING INCIDENTAL ITEMS TO EFFECT A FINISHED AND COMPLETE JOB, EVEN THOUGH SUCH ITEMS ARE NOT SHOWN OR PARTICULARLY MENTIONED.
6. THE GENERAL CONTRACTOR SHALL USE CONSTRUCTION METHODS THAT ARE IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
7. CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR ADEQUATELY SHORING EXISTING CONSTRUCTION WHILE PERFORMING NEW WORK.
8. DIMENSIONS ARE NOT TO BE DERIVED BY SCALING THESE DRAWINGS. IF THERE ARE ANY QUESTIONS REGARDING DIMENSIONS, CONTACT THE ARCHITECT/ENGINEER FOR INFORMATION PRIOR TO SUBMITTING SHOP DRAWINGS.
9. THE CONTRACTOR SHALL COORDINATE ALL STRUCTURAL WORK WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS, AND WITH THE WORK OF ALL OTHER TRADES.
10. THE CONTRACTOR SHALL COORDINATE ALL SIZES AND LOCATIONS OF FLOOR, ROOF AND WALL PENETRATIONS WITH MECHANICAL, PLUMBING AND ARCHITECTURAL DRAWINGS.
11. THE CONTRACTOR SHALL RESTORE TO ITS ORIGINAL CONDITION ALL SITE APPURTENANCES DAMAGED UNDER THIS CONTRACT AT NO ADDITIONAL COST TO THE OWNER.
12. INFORMATION IN THESE STRUCTURAL NOTES IS A SELECTED SUMMARY OF REQUIREMENTS. REFER TO SPECIFICATIONS FOR AMPLIFICATIONS OF REQUIREMENTS.
13. WHERE MEMBER LOCATIONS ARE NOT SPECIFICALLY DIMENSIONED, MEMBERS ARE EITHER LOCATED ON COLUMN LINES OR ARE EQUALLY SPACED BETWEEN LOCATED MEMBERS.
14. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. CONTRACTOR SHALL BE SOLEY RESPONSIBLE FOR CONSTRUCTION SAFETY.

EXISTING CONSTRUCTION NOTES

1. BEFORE PROCEEDING WITH ANY WORK WITHIN THE EXISTING FACILITY, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING BUILDING AT THE JOB SITE AND REPORT ANY DISCREPANCIES FROM ASSUMED CONDITIONS SHOWN ON THE DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND ERECTION OF ANY MEMBERS.
2. THE CONTRACTOR SHALL FIELD VERIFY THE DIMENSIONS, ELEVATIONS, ETC. NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW WORK TO THE EXISTING WORK.
3. WORK SHOWN ON THE DRAWINGS IS NEW, UNLESS NOTED AS EXISTING.
4. EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS WAS OBTAINED FROM DRAWINGS PREPARED BY THE FIRM OF CLARK AND WARREN AIA., DATED 1968 AND LIMITED SITE OBSERVATION. THESE DRAWINGS OF EXISTING CONSTRUCTION ARE AVAILABLE FOR CONTRACTOR USE. HOWEVER, THE AVAILABLE DRAWINGS OF EXISTING CONSTRUCTION MAY NOT NECESSARILY BE COMPLETE. THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT INFORMATION.
5. IF ANY ARCHITECTURAL, STRUCTURAL, OR MECHANICAL MEMBERS OR COMPONENTS NOT DESIGNATED FOR REMOVAL INTERFERE WITH THE NEW WORK, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY AND APPROVAL MUST BE OBTAINED PRIOR TO REMOVAL OF THOSE MEMBERS.
6. THE CONTRACTOR SHALL SAFELY SHORE EXISTING CONSTRUCTION TO ALLOW THE INSTALLATION OF NEW WORK. ALL SHORING METHODS AND SEQUENCING OF DEMOLITION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THEIR ENGINEER.
7. THE CONTRACTOR SHALL SUBMIT A DETAILED PLAN FOR SHORING, BRACING AND PROTECTION OF THE EXISTING CONSTRUCTION. THE PLAN SHALL INCLUDE CONSTRUCTION SEQUENCE, BEAR THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK, AND BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO THE BEGINNING OF WORK.
8. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION AND TAKE CARE TO PROTECT EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE.
9. THE CONTRACTOR SHALL REPAIR ALL DAMAGE CAUSED DURING CONSTRUCTION WITH SIMILAR MATERIALS AND WORKMANSHIP TO RESTORE CONDITIONS TO LEVELS ACCEPTABLE TO THE ARCHITECT.
10. THE CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION METHODS USED WILL NOT CAUSE DAMAGE TO THE ADJACENT BUILDINGS AND PROPERTY. THIS SHALL INCLUDE ALL FOUNDATION INSTALLATION.

STRUCTURAL STEEL NOTES

1. STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS." HOT ROLLED STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM A992. HOLLOW STRUCTURAL SHAPES (HSS) SHALL CONFORM TO ASTM A500 GRADE B. ANGLES, CHANNELS, AND OTHER MISCELLANEOUS METALS SHALL CONFORM TO ASTM A36.
2. STEEL CONNECTIONS ARE SHOWN SCHEMATICALLY. FABRICATOR IS RESPONSIBLE FOR DESIGN AND DETAILING OF CONNECTIONS, INCLUDING MATERIAL GRADE AND SIZES, WELD SIZES, AND NUMBER OF BOLTS. ADDITIONAL CONNECTION ELEMENTS MAY NOT BE SPECIFICALLY SHOWN ON THE SCHEMATIC DETAILS BUT MAY BE REQUIRED BY THE FINAL CONNECTION DESIGN, SUCH AS STIFFENER PLATES, DOUBLER PLATES, SUPPLEMENT / REINFORCING PLATES OR OTHER CONNECTION MATERIAL.
3. REACTIONS AND LOADS PROVIDED ON DRAWINGS ARE UNFACTORED.
4. EACH BEAM CONNECTION SHALL BE DESIGNED FOR ONE HALF OF THE TOTAL LOAD SHOWN IN THE AISC TABLES FOR THE RESPECTIVE SPAN UNLESS OTHERWISE NOTED. WHERE POSSIBLE, EACH BEAM CONNECTION SHALL BE OF THE TWO SIDED ANGLE TYPE AS PER AISC SPECIFICATION, UNLESS OTHERWISE NOTED ON THE DRAWINGS. MINIMUM CONNECTION SHALL BE TWO (2) BOLTS. ALL BEAM AND GIRDER CONNECTIONS SHALL BE WELDED CONNECTIONS, OR BOLTED CONNECTIONS USING ASTM A325X BOLTS, 3/4" DIAMETER.
5. ALL CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS SHALL BE EITHER WELDED CONNECTIONS, OR BOLTED CONNECTIONS USING ASTM A325X BOLTS.
6. UNLESS SPECIFICALLY DETAILED OTHERWISE, SPLICES SHALL BE DESIGNED TO DEVELOP THE FULL CAPACITY OF THE MEMBER AT THE POINT OF THE SPLICE.
7. CUTS, HOLES, COPES, ETC., REQUIRED FOR WORK OF OTHER TRADES SHALL BE SHOWN ON SHOP DRAWINGS AND MADE IN THE SHOP. FIELD CUTTING OR BURNING WILL NOT BE PERMITTED.
8. ALL WELDING BOTH SHOP AND FIELD, SHALL BE PERFORMED BY CERTIFIED WELDERS IN ACCORDANCE WITH AWS SPECIFICATIONS. WELDING ELECTRODES SHALL CONFORM TO ASTM A233, E70-XX. MINIMUM WELD SIZE SHALL BE 1/4 INCHES (FILLET) UNLESS OTHERWISE NOTED. WELDED CONNECTIONS SHALL BE DESIGNED TO BE STRESSED TO LESS THAN 50% OF THEIR ALLOWABLE CAPACITIES.
9. STRUCTURAL STEEL SHALL RECEIVE A SHOP COAT OF RUST INHIBITING PAINT EXCEPT AS FOLLOWS:
   A. WITHIN TWO INCHES OF FIELD WELDS.
11. AFTER ERECTION, ALL DAMAGED AREAS IN THE SHOP COAT SHALL BE REPAIRED WITH THE SAME PAINT USED FOR THE SHOP COAT.
12. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW.

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KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	BSC	BSC

SCALE AS SHOWN

SHEET TITLE
LIBRARY CONSTRUCTION PARTIAL EXIST. SECOND FLOOR FRAMING PLAN, SECTIONS AND NOTES

PROJECT NUMBER 70019.00

GF S202
DRAWING NUMBER

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HVAC SYMBOLS LIST

SYMBOL	DESCRIPTION
20in	DOUBLE WALL LINED DUCT
20/10	DUCT SECTION - SUPPLY
20/10	DUCT SECTION - RETURN/EXHAUST
12"	DUCT SECTION - ROUND DUCT IN INCHES
12X10	DUCT SECTION - FLAT OVAL DUCT IN INCHES
	ACOUSTIC THERMAL LINING
	FLEXIBLE DUCTWORK
FC	FLEXIBLE CONNECTION
FD	FIRE DAMPER
SD	SMOKE DAMPER
CFSD	COMBINATION FIRE AND SMOKE DAMPER
VD	VOLUME DAMPER
20/10 / 12X10 / 10/05	AIR DUCT (FIRST FIGURE IS DUCT WIDTH/TOP, SECOND FIGURE IS DUCT DEPTH)
	MULTI-BLADE AIR EXTRACTOR
	TURNING VANES
	EXISTING WORK TO BE REMOVED (HATCHED)
	POINT OF CONNECTION
	POINT OF DISCONNECTION
	TRANSITION SQUARE TO ROUND
	HUMIDIFIER DISPERSION TUBE
	SQUARE CEILING DIFFUSER (4 WAY)
	ROUND CEILING DIFFUSER
	SQUARE OR RECTANGULAR CEILING GRILLE
	SUPPLY REGISTER, RETURN OR EXHAUST GRILLE
SR/RG EAG EAG	SUPPLY DIFFUSER, 1-WAY, 2-WAY, 3-WAY
#30 - 8x3 300 CFM	CEILING DIFFUSER WITH NECK SIZE, TYPE, & CFM.
RTV/EF 12x12 300 CFM	CEILING RETURN OR EXHAUST GRILLE WITH SIZE, TYPE, & CFM.
SR/EF 8x8 300 CFM	SUPPLY REGISTER WITH SIZE, TYPE, & CFM.
SR/EF 8x3 300 CFM	RETURN OR EXHAUST GRILLE WITH SIZE, TYPE, & CFM.
	AIR FLOW
L1	ACOUSTIC/THERMAL DUCTWORK LINING - 1 INCH THICK
L2	ACOUSTIC/THERMAL DUCTWORK LINING - 2 INCH THICK
PL1	ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
PL2	ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
	SPACE TEMPERATURE SENSOR

SYMBOL	DESCRIPTION
AAD	AUTOMATIC AIR DAMPER
ACC	AIR-COOLED CONDENSING UNIT
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
BBD	BOILER BLOW DOWN
BD	BACKDRAFT DAMPER
CFM	CUBIC FEET PER MINUTE
CR	CONDENSER WATER RETURN
CS	CONDENSER WATER SUPPLY
CW	DOMESTIC COLD WATER
(E)	EXISTING
EA	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EW	EXISTING TO REMAIN
GC	GENERAL CONTRACTOR
HC	HVAC CONTRACTOR
LPC	LOW PRESSURE CONDENSATE
LPS	LOW PRESSURE STEAM
MBH	1,000 BTU/HR
MC	MECHANICAL CONTRACTOR
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTSIDE AIR
PC	PLUMBING CONTRACTOR
RA	RETURN AIR
RTU	ROOFTOP UNIT
RV	ROOF VENT
SA	SUPPLY AIR
TC	TEMPERATURE CONTROLS CONTRACTOR
UH	UNIT HEATER
UV	UNIT VENTILATOR
V	VENT

SYMBOLS GENERAL NOTES:

1) VALVE AND DAMPER ACTUATOR TYPES (ELECTRIC OR PNEUMATIC) WHICH ARE INDICATED IN HVAC TEMPERATURE CONTROL DRAWINGS SHALL SUPERSEDE TYPE INDICATED ON ALL OTHER HVAC DRAWINGS.

HVAC CONTRACTOR GENERAL NOTES:

A. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL DEMOLITION AND NEW WORK.

B. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILINGS, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING. THE EXISTING CEILINGS SHALL BE REMOVED IN A MANNER TO AVOID DAMAGE TO THE CEILING SYSTEMS. STORAGE OF CEILING SYSTEM COMPONENTS FOR REINSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR. THE STORAGE OF ALL MATERIAL SHALL BE IN AREAS OR LOCATIONS APPROVED BY THE OWNER. THE OWNER WILL NOT COMPENSATE FOR ANY DAMAGED OR LOST MATERIAL WHILE IN STORAGE. AFTER COMPLETION OF ALL DEMOLITION OR NEW WORK, THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATION.

C. DEMOLITION DRAWINGS SHOW MAJOR EQUIPMENT, PIPING, AND DUCTWORK REMOVALS. THE INTENT IS NOT TO IDENTIFY ALL MISCELLANEOUS PIPING, PIPING ACCESSORIES, DUCTWORK, DUCTWORK ACCESSORIES, SUPPORTS, CONTROLS, CONTROL ACCESSORIES, CONTROS WIRING, CONDUIT, AND PNEUMATIC CONTROL TUBING TO BE DISCONNECTED AND REMOVED, BUT IS THE REQUIREMENT UNDER THIS CONTRACT. NO EQUIPMENT, PIPING, OR DUCTWORK SHALL BE ABANDONED IN PLACE, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

D. ALL EQUIPMENT INDICATED TO BE TURNED OVER TO THE OWNER SHALL BE DISCONNECTED AND REMOVED FROM THE EXISTING SYSTEMS AND DELIVERED (INCLUDING LOADING AND UNLOADING) TO A STORAGE AREA WITHIN THE BUILDING AS SELECTED BY THE OWNER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ANY EQUIPMENT DAMAGED DURING REMOVAL AND DELIVERY. ANY DAMAGE TO EQUIPMENT PRIOR TO DISCONNECTING SHOULD BE REPORTED TO THE OWNER'S REPRESENTATIVE. IF NOT REPORTED, THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR REPAIRS TO THE EQUIPMENT.

E. BEFORE DISCONNECTING, REMOVING, OR SERVICING ANY AIR CONDITIONING EQUIPMENT OR SYSTEMS CONTAINING REFRIGERANTS, THE EQUIPMENT OR SYSTEMS SHALL BE EVACUATED OF ALL REFRIGERANT PER THE LATEST ADOPTED RULES AND REGULATIONS BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA). THE CONTRACTOR OR TECHNICIAN PERFORMING THE WORK SHALL BE CERTIFIED BY AN EPA APPROVED CERTIFYING AGENCY OR ORGANIZATION.

F. ALL DUCTWORK, PIPING, AND CONDUIT PENETRATIONS THROUGH RATED WALLS OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPINGS PER SPECIFICATION. REFER TO CODE ANALYSIS DRAWING FOR ALL RATED WALL LOCATIONS. ALL FLOORS SHALL BE CONSIDERED RATED.

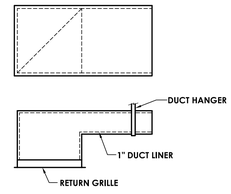
G. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THIS CONTRACT TO PATCH AND FINISH ALL EXISTING DUCTWORK OR PIPE PENETRATIONS THROUGH FLOORS, ROOFS, INTERIOR WALLS, AND EXTERIOR WALLS AFTER DEMOLITION WORK, IN ADDITION, ALL NEW PENETRATIONS SHALL BE PROVIDED FOR INSTALLATION OF MECHANICAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, CURBING, DUCTWORK, PIPING, CONTROLS, ETC. PATCHING AND FINISHING SHALL MATCH EXISTING CONSTRUCTION INCLUDING FIRE RATINGS. PROVIDE LINTELS PER LINTEL SCHEDULE.

H. IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW ALL AIR VENTS AND DRAINS IN THE PIPING SYSTEMS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AIR VENTS AT ALL SYSTEM HIGH POINTS AND AT AREAS WITHIN THE PIPING SYSTEMS THAT COULD ACCUMULATE OR TRAP AIR WHICH WOULD PREVENT PROPER VENTING OR OPERATION OF THE SYSTEMS. DRAINS SHALL BE PROVIDED AT ALL LOW POINTS WITHIN THE PIPING SYSTEM TO FACILITATE COMPLETE DRAINING OF THE SYSTEM .

I. PROVIDE THERMAL EXPANSION COMPENSATORS AND THERMAL EXPANSION LOOPS IN PIPING SYSTEM PER INDUSTRY STANDARDS.

GEORGE FISHER LIBRARY RENOVATION

ROOM NAME	TOTAL SQ. FT.	TOTAL OCCUPANCY FOR VENTILATION	O.A. PER PERSON (CFM)	O.A. PER SQ. FT. (CFM)	Vbz (CFM)	Ez	Voz=Vot (CFM)
LIBRARY	4725	48	5	0.12	807	0.8	1009
BREAKOUT 1	520	20	10	0.12	262	0.8	328
BREAKOUT 2	520	20	10	0.12	262	0.8	328
BREAKOUT 3	280	10	10	0.12	134	0.8	167

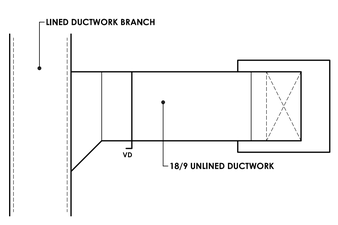


NOTE: COORDINATE HEIGHT OF DUCT BOOT TO AVOID INTERFERENCE WITH LIGHTS AND JOISTS.

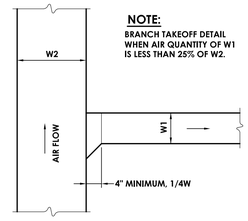
3 H000 **DUCT BOOT DETAIL**
NOT TO SCALE

REGISTERS, GRILLES, AND DIFFUSERS

MARK	APPLICATION	MATERIAL	TYPE	FINISH	DESIGN EQUIP.	REMARKS
D1	SUPPLY	STEEL	DUCT GRILLE		PRICE SDGE	1
D2	SUPPLY	STEEL	FACE MNTD		PRICE	
D3	SUPPLY	STEEL	FACE MNTD		PRICE	
R1	RETURN/EA	STEEL	FACE MNTD		PRICE SDGER	
R2	RETURN/EA	STEEL			PRICE	
R3	RETURN/EA	STEEL	FACE MNTD		PRICE	
REMARKS:	1. PROVIDE AIR SCOOPS					
	2.					
	3.					



2 H000 **DIFFUSER D-1 DETAIL**
NOT TO SCALE



NOTE:
BRANCH TAKEOFF DETAIL WHEN AIR QUANTITY OF W1 IS LESS THAN 25% OF W2.

1 H000 **BRANCH TAKE-OFF DETAIL**
NOT TO SCALE

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NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
2	01/07/2021	JG	-	ADDENDUM #1
	03/29/2021		JP	ISSUED FOR BID

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CARMEL CENTRAL SCHOOL DISTRICT
81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563

CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
MATTHER PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	NRH	JJM

SCALE AS NOTED

SHEET TITLE
HVAC SCHEDULES, DETAILS, LEGEND AND ABREVIATIONS

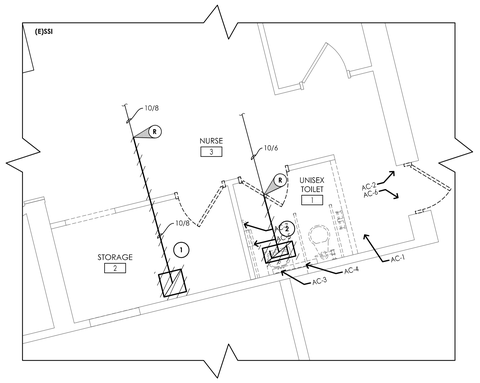
PROJECT NUMBER
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GF H000
DRAWING NUMBER

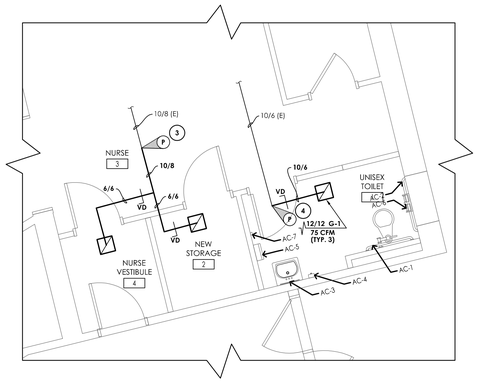
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KEY NOTES:

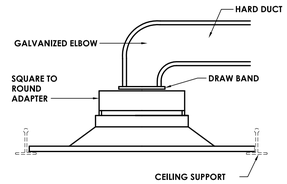
1. REMOVE EXISTING GRILLE AND DUCTWORK TO POINT INDICATED. PREPARE DUCTWORK FOR CONNECTION TO NEW.
2. REMOVE EXISTING EXHAUST GRILLE. PREPARE DUCTWORK FOR NEW GRILLE.
3. PROVIDE NEW GRILLE AND DUCTWORK. JOG DUCTWORK TO MISS WALL RELOCATION.
4. PROVIDE NEW GRILLE AS SCHEDULED. CONNECT TO EXISTING DUCTWORK.



1 H200 **TOILET ROOM DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



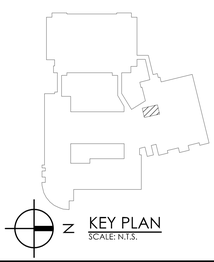
2 H200 **TOILET ROOM NEW WORK PLAN**
SCALE: 1/4" = 1'-0"



3 H200 **HARD DUCT EXHAUST GRILLE DETAIL**
NOT TO SCALE

REGISTERS, GRILLES, AND DIFFUSERS

MARK	APPLICATION	MATERIAL	TYPE	FINISH	DESIGN EQUIP.	REMARKS
G-1	RETURN/EA	STEEL	LAY-IN	WHITE	PRICE 530	-



Z KEY PLAN
SCALE: N.T.S.

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2	03/29/2021	JAS	JP	ISSUED FOR BID

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DATE	DRAWN	CHECKED
11/30/2020	ZBH	JJM

SCALE AS NOTED

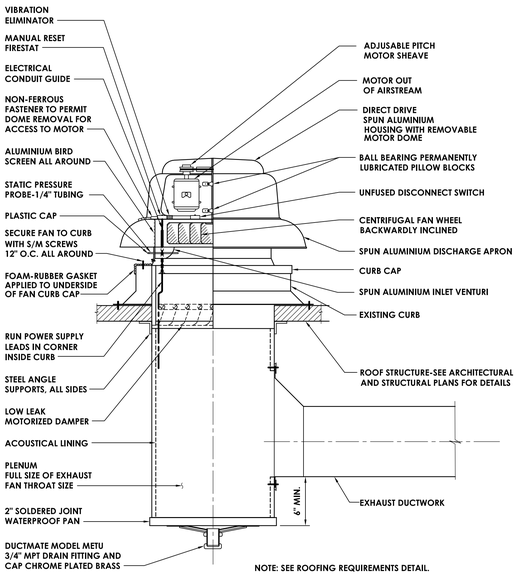
SHEET TITLE
HVAC DEMOLITION, NEW WORK, DETAILS, AND SCHEDULES PLAN

PROJECT NUMBER
70019.00

HS
H200
DRAWING NUMBER

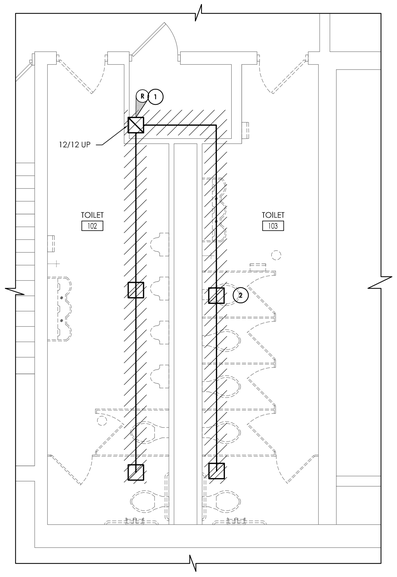
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Drawing Name: \\clarkpatterson.local\Vdi\Projects3\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\MECH\H2\HS-H200.dwg Date last accessed: 3/26/2021 8:30 AM Date last plotted: 3/26/2021 9:50 AM Plotted By: James Masuka

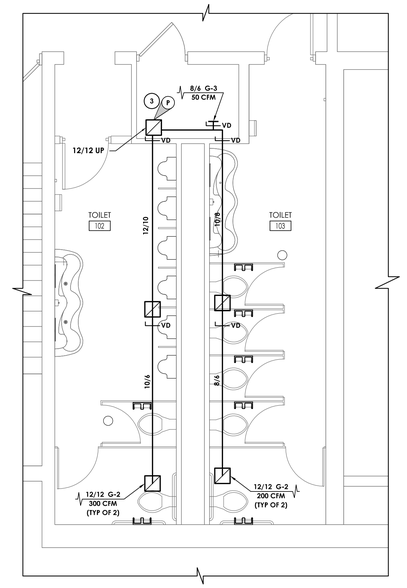


NOTE: SEE ROOFING REQUIREMENTS DETAIL.

6 / H201 **EXHAUST FAN DETAIL**
NOT TO SCALE



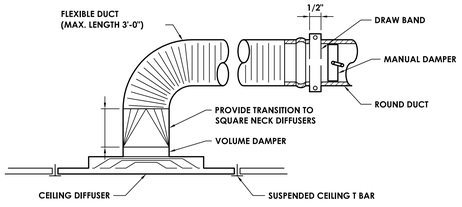
1 / H201 **TOILET ROOMS #102 & #103 DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



2 / H201 **TOILET ROOMS #102 & #103 NEW WORK PLAN**
SCALE: 1/4" = 1'-0"

KEY NOTES:

1. REMOVE DUCTWORK TO EXHAUST RISER. PREPARE DUCTWORK FOR NEW CONSTRUCTION.
2. REMOVE EXISTING RETURN GRILLES.
3. CONNECT NEW DUCTWORK TO EXISTING RISER. FIELD VERIFY RISER SIZE.
4. EXISTING EXHAUST GRILLE TO REMAIN.
5. REMOVE AND REPLACE EF-GF-18. MAINTAIN EXISTING CONTROLS MODIFY EXISTING CURB FOR NEW FAN.



7 / H201 **DIFFUSER DETAIL**
NOT TO SCALE

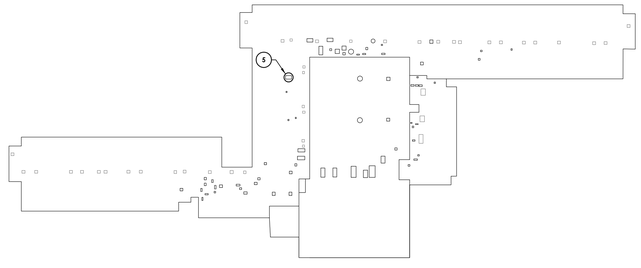
REGISTERS, GRILLES, AND DIFFUSERS

MARK	APPLICATION	MATERIAL	TYPE	FINISH	DESIGN EQUIP.	REMARKS
G-2	RETURN/EA	STEEL	SURFACE MOUNT	WHITE	PRICE 530	-
G-3	RETURN/EA	STEEL	DUCT GRILLE	WHITE	PRICE 530	-

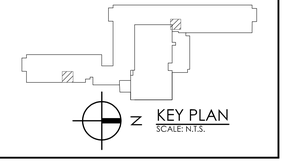
FAN SCHEDULE

MARK	LOCATION	SERVICE	TYPE	ROOF OPENING (IN.)	CFM	SP IN W.G.	RPM	ELECTRICAL DATA			TYPICAL UNIT MFG & MODEL NO.	REMARKS:
								BHP / HP	VOLTS	PHASE		
EF-GF-18	ROOF	TOILETS	DOWN BLAST	20.5x20.5	3,000	0.7	833	0.48 / 0.75	208	3	GREENHECK GB-200	1,2,3

REMARKS:
1. PROVIDE DISCONNECT.
2. ALUMINUM BIRD SCREEN.
3. HINGED BASE.



5 / H201 **ROOF PLAN**
SCALE: 1/64" = 1'-0"



KEY PLAN
SCALE: N.T.S.

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DATE	DRAWN	CHECKED
11/30/2020	ZBH	JJM

SCALE AS NOTED

SHEET TITLE
HVAC DEMOLITION, NEW WORK, DETAILS, AND SCHEDULES PLAN

PROJECT NUMBER
70019.00

GF
H201
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Plotted By: James Masula
Date last plotted: 3/26/2021 9:40 AM
Date last accessed: 3/26/2021 8:30 AM
Drawing Name: \\clarksoatterson.local\dfs\Projects\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\MECH\H2\GF-H201.dwg

KEY DEMOLITION NOTES:

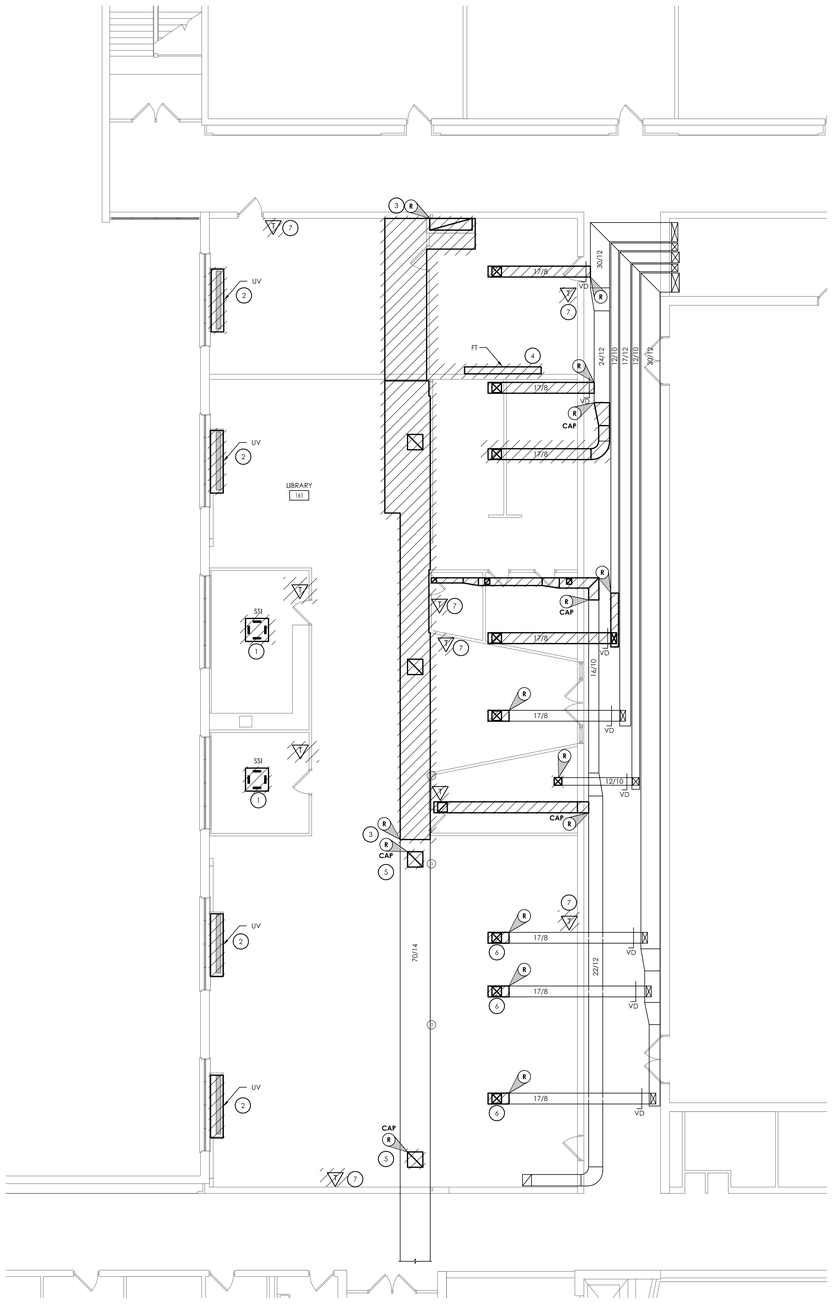
1. REMOVE EXISTING SPLIT UNIT, ALL ASSOCIATED CONTROLS, PIPING AND ROOF MOUNTED CONDENSING UNIT. PATCH AND FILL ANY THRU ROOF PENETRATIONS. MAINTAIN ALL EXISTING ROOF WARRANTIES. RETURN SPLIT UNIT AND CONDENSER TO OWNER FOR REUSE.
2. REMOVE EXISTING UNIT VENTILATOR, ALL ASSOCIATED CONTROLS AND ROOF MOUNTED CONDENSING UNIT. CAP EXISTING TEAM PIPING BELOW THE FLOOR. PATCH FLOOR AND OUTDOOR AIR OPENING. RETURN UNIT VENTILATOR TO OWNER FOR PARTS.
3. REMOVE EXISTING 70"x14" RETURN DUCTWORK TO POINTS INDICATED. PREPARE DUCTWORK FOR NEW CONNECTION.
4. REMOVE EXISTING ELECTRICAL FIN TUBE AND ASSOCIATED CONTROLS. RETURN TO OWNER FOR PARTS.
5. REMOVE EXISTING GRILLS. PATCH AND SEAL DUCTWORK.
6. REMOVE DUCTWORK AND ASSOCIATED GRILLES TO POINT INDICATED.
7. REMOVE CONTROLS. PREPARE FOR NEW.

KEY NEW WORK NOTES:

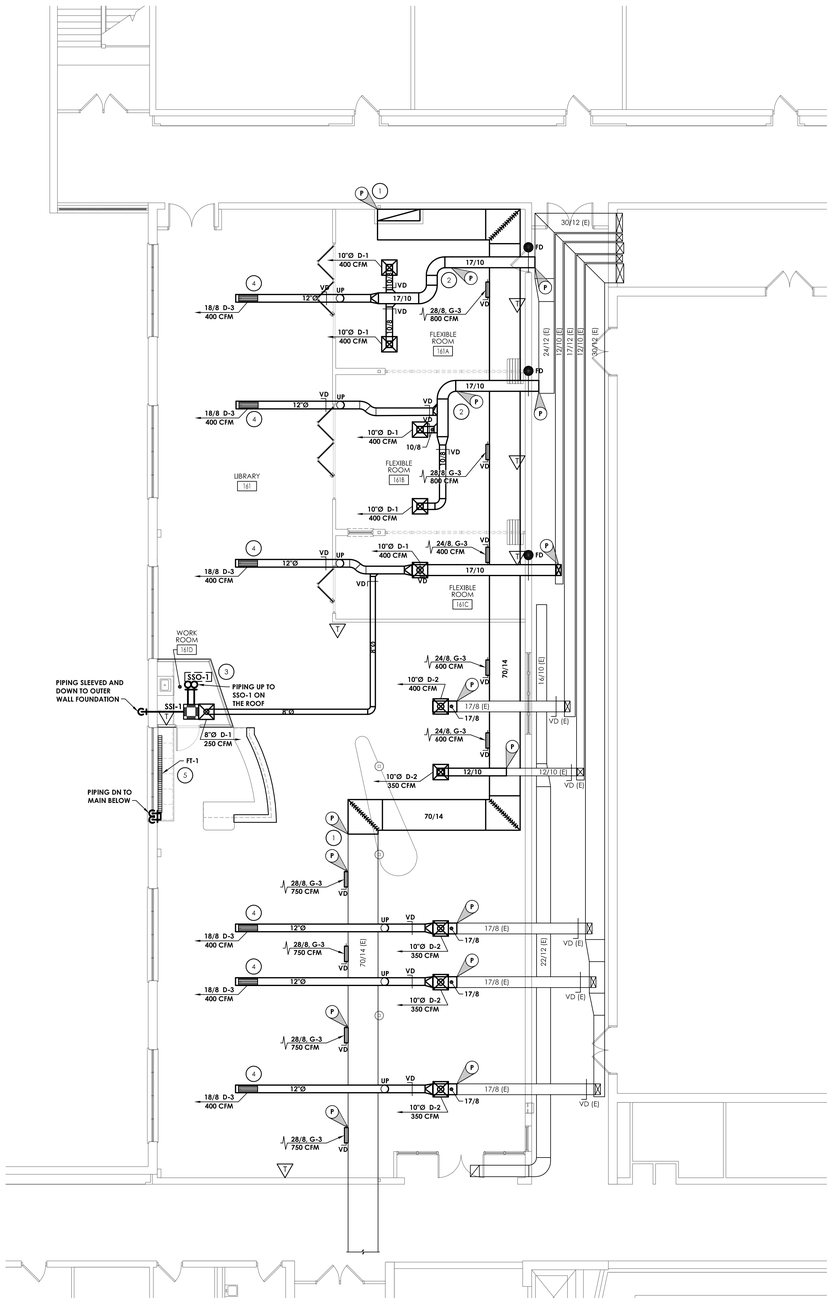
1. CONNECT TO EXISTING RETURN DUCTWORK RISER AT THE TOP OF THE CHASE. RUN DUCT TIGHT TO STEEL. COORDINATE LOCATION WITH EXISTING STEEL.
2. CONNECT TO EXISTING SUPPLY DUCTWORK. RUN DUCT IN JOIST SPACE, TIGHT TO DECK. COORDINATE DUCT BRANCHING WITH EXISTING JOISTS.
3. PROVIDE NEW SPLIT SYSTEM INDOOR UNIT AND OUTDOOR CONDENSING UNIT. ROUTE REFRIGERANT PIPING TO ROOF THROUGH EXISTING PITCH POCKETS.
4. ROUTE DUCT AS HIGH AS POSSIBLE IN JOIST SPACE. MOUNT SUPPLY GRILLE FLUSH WITH THE BOTTOM OF THE CEILING LIGHTS.
5. CONNECT NEW 3/4" INCH FT-1 PIPE TO EXISTING MAIN BELOW FLOOR.

GENERAL NOTES:

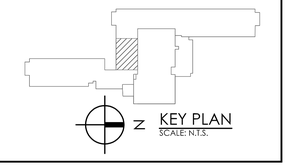
1. PROVIDE A PRE-BALANCE REPORT OF ALL SUPPLY AND RETURN GRILLS IN PROJECT AREA.
2. CLEAN ALL REMAINING DUCTWORK IN PROJECT AREA.
3. RE-BALANCE EXISTING AHU TO THE REQUIRED LIBRARY 6000 CFM TOTAL SUPPLY AIR AND 1500 CFM TOTAL OA AIR.



1 H202 **LIBRARY HVAC DEMOLITION PLAN**
SCALE: 1/8" = 1'



2 H202 **LIBRARY HVAC NEW WORK PLAN**
SCALE: 1/8" = 1'



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REVISIONS:				
NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
Δ1	01/07/2021	-	-	ADDENDUM #1
2	03/29/2021	JG	JP	ISSUED FOR BID

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CARMEL CENTRAL SCHOOL DISTRICT
81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563

CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
MATTHER PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	ZBH	JJM

SCALE: AS NOTED

SHEET TITLE
HVAC DEMOLITION, AND NEW WORK

PROJECT NUMBER
70019.00

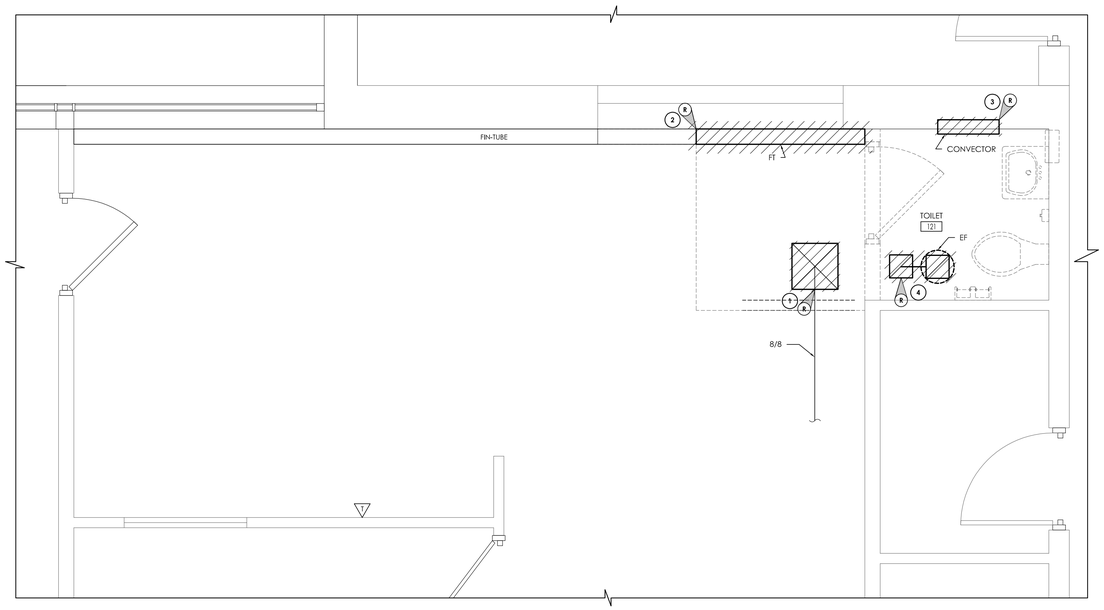
GF
H202
DRAWING NUMBER

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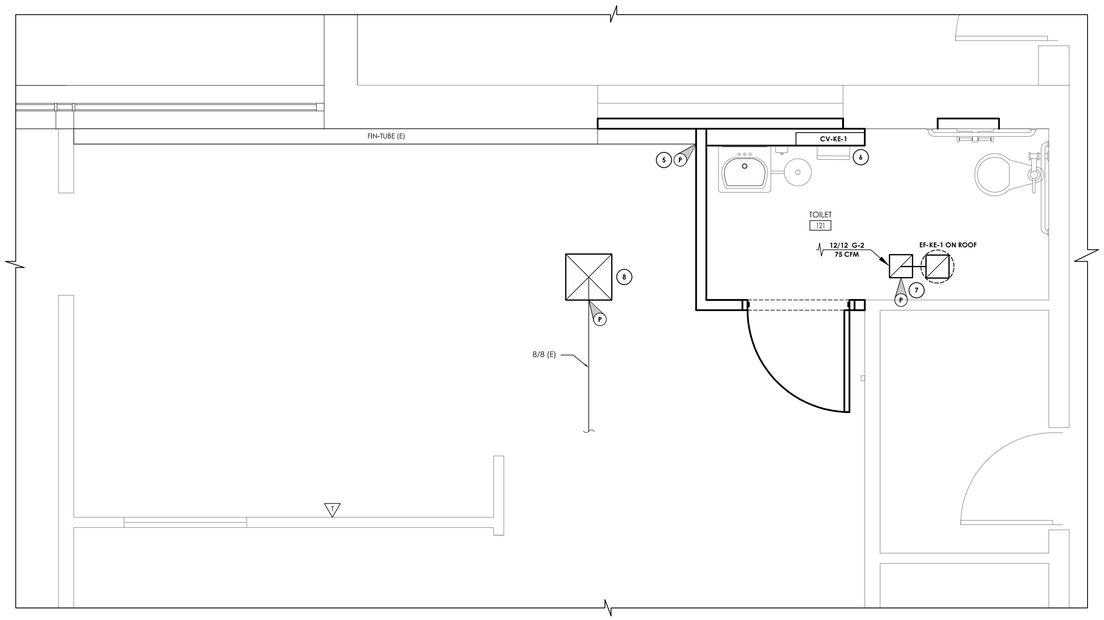
Drawing Name: \\clarkpatterson.local\dfs\Projects3\Projects\Carmel CSD 2019 Bond Interior AHs\D Design\06 CAD\AutoCAD\MECH\H2\ GF LIBRARY GF-H202.dwg Date last accessed: 3/26/2021 8:31 AM Date last plotted: 3/26/2021 9:42 AM Plotted By: James Masula

KEY NOTES:

1. REMOVE EXISTING 18X18 GRILLE. SAVE FOR REINSTALLATION.
2. REMOVE EXISTING FIN-TUBE, CONTROL VALVE, AND COVER BACK TO POINT INDICATED. PREPARE PIPING TO NEW CONTROL VALVES AND MODIFIED COVER.
3. REMOVE EXISTING CONVECTOR, PREPARE 1" PIPING FOR RELOCATION.
4. REMOVE EXISTING EXHAUST FAN, DUCTWORK AND GRILLES. PREPARE CURB OR NEW FAN. FIELD VERIFY SIZE.
5. MODIFY EXISTING FIN-TUBE COVER TO FIT NEW CONTROL VALVES. EXTEND PIPING FROM BELOW FLOOR TO NEW LOCATION. PAINT ANY EXPOSED EDGES OR DAMAGE TO MATCH EXISTING.
6. PROVIDE NEW CONVECTOR. EXTEND EXISTING PIPING TO NEW UNIT. CONVECTOR SHALL HAVE MOUNTED CONTROLS.
7. PROVIDE NEW EXHAUST FAN MOUNTED ON EXITING ROOF CURB. FIELD VERIFY SIZE. CONTROL ON/OFF WITH OCCUPANCY SENSOR.
8. RE-INSTALL EXISTING SUPPLY GRILLE. MODIFY EXISTING DUCTWORK TO ACCOMMODATE NEW LOCATION. FIELD VERIFY DUCTWORK SIZE.



1 H202 **TOILET ROOM #121 DEMOLITION PLAN**
SCALE: 1/2" = 1'-0"



2 H202 **TOILET ROOM #121 NEW WORK PLAN**
SCALE: 1/2" = 1'-0"

REGISTERS, GRILLES, AND DIFFUSERS

MARK	APPLICATION	MATERIAL	TYPE	FINISH	DESIGN EQUIP.	REMARKS
G-2	RETURN/EA	STEEL	SURFACE MOUNT	WHITE	PRICE 530	-

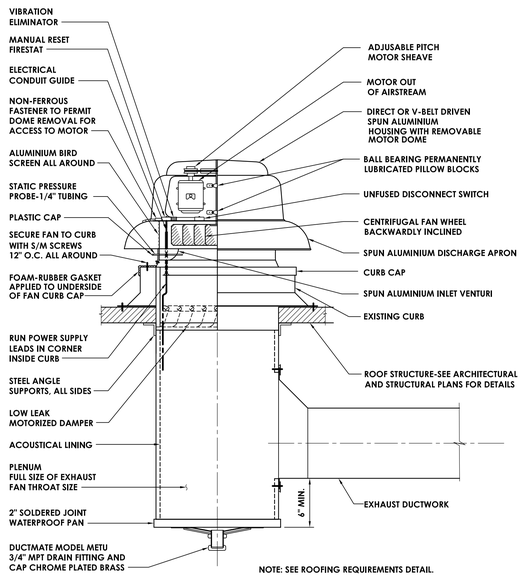
CONVECTOR SCHEDULE

MARK	MBH	LENGTH	HEIGHT	DEPTH	GPM	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
CV-KE-1	3960	36	24	4.25	0.5	VULCAN SF-A	*

FAN SCHEDULE

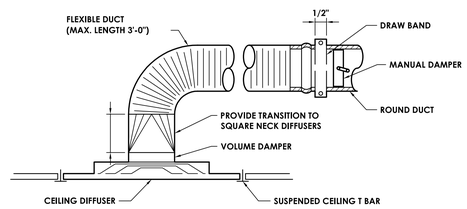
MARK	LOCATION	SERVICE	TYPE	ROOF OPENING (IN.)	CFM	SP IN W.G.	RPM	ELECTRICAL DATA			TYPICAL UNIT MFG & MODEL NO.	REMARKS:
								BHP / HP	VOLTS	PHASE		
EF-KE-1	ROOF	TOILETS	DOWN BLAST	20.5x20.5	75	0.25	833	0.026 / 1/6	120	1	GREENHECK GB-071	1,2,3

REMARKS: 1. PROVIDE DISCONNECT.
2. ALUMINUM BIRD SCREEN.
3. HINGED BASE.

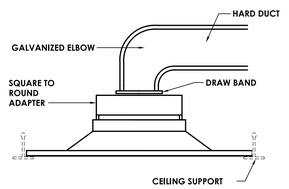


NOTE: SEE ROOFING REQUIREMENTS DETAIL.

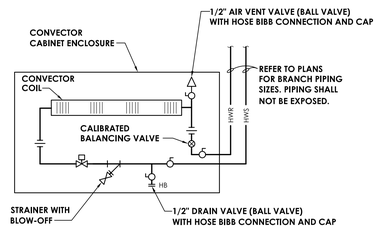
5 H202 **EXHAUST FAN DETAIL**
NOT TO SCALE



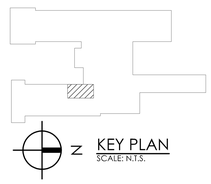
3 H202 **DIFFUSER DETAIL**
NOT TO SCALE



4 H202 **HARD DUCT EXHAUST GRILLE DETAIL**
NOT TO SCALE



6 H202 **CONVECTOR DETAIL**
NOT TO SCALE



KEY PLAN
SCALE: N.T.S.

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KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
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DATE	DRAWN	CHECKED
11/30/2020	ZBH	JJM

SCALE AS NOTED

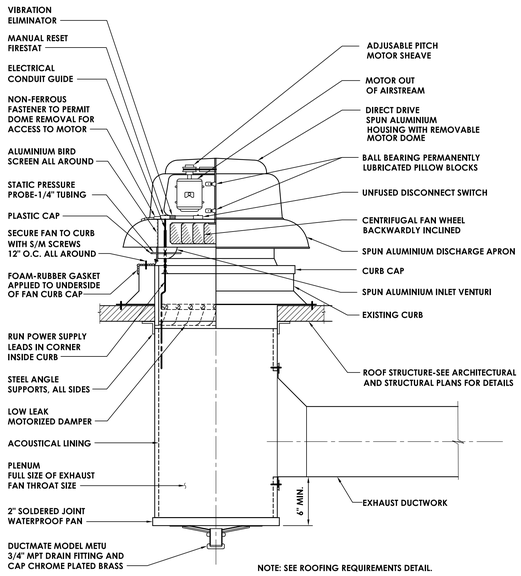
SHEET TITLE
HVAC DEMOLITION, NEW WORK, DETAILS, AND SCHEDULES PLAN

PROJECT NUMBER
70019.00

KE
H202
DRAWING NUMBER

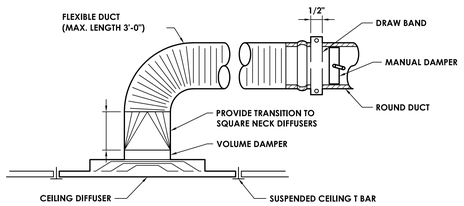
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Drawing Name: \\clarkpatterson.local\dfs\Projects3\Projects\3\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\MECH\H2\KE-H202.dwg
Date last accessed: 3/26/2021 8:30 AM
Date last plotted: 3/26/2021 9:51 AM
Plotted By: James Masuka

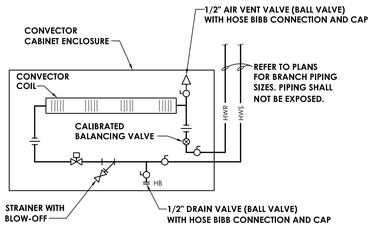


NOTE: SEE ROOFING REQUIREMENTS DETAIL.

5 / H203 **EXHAUST FAN DETAIL**
NOT TO SCALE



6 / H203 **DIFFUSER DETAIL**
NOT TO SCALE



7 / H203 **CONVECTOR DETAIL**
NOT TO SCALE

REGISTERS, GRILLES, AND DIFFUSERS

MARK	APPLICATION	MATERIAL	TYPE	FINISH	DESIGN EQUIP.	REMARKS
G-2	RETURN/EA	STEEL	SURFACE MOUNT	WHITE	PRICE 530	-

CONVECTOR SCHEDULE

MARK	MBH	LENGTH	HEIGHT	DEPTH	GPM	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
CV-KP-1	3960	36	24	4.25	0.5	VULCAN SF-A	*
CV-KP-2	3960	36	24	4.25	0.5	VULCAN SF-A	*

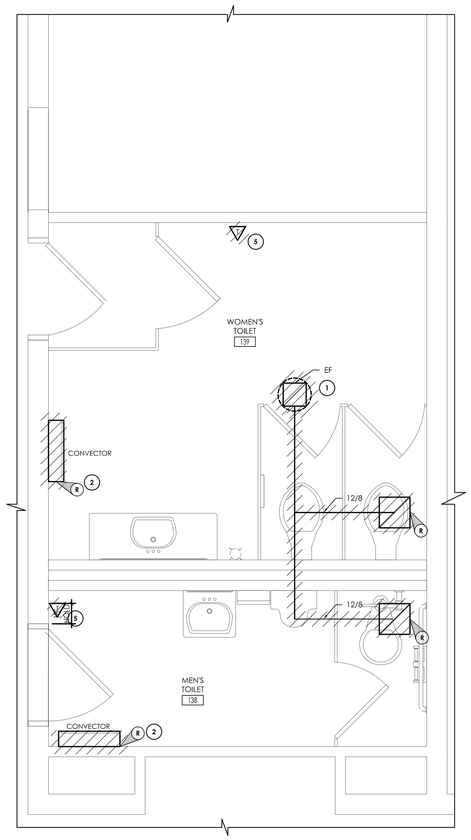
FAN SCHEDULE

MARK	LOCATION	SERVICE	TYPE	ROOF OPENING (IN.)	CFM	SP IN W.G.	RPM	ELECTRICAL DATA			TYPICAL UNIT MFG & MODEL NO.	REMARKS:
								BHP / HP	VOLTS	PHASE		
EF-KP-1	ROOF	TOILETS	DOWN BLAST	14.5x14.5	375	0.5	1144	0.07 / 0.25	120	1	GREENHECK GB-101	1,2,3
EF-KP-2	ROOF	TOILETS	DOWN BLAST	14.5x14.5	150	0.35	1127	0.06 / 1/6	120	1	GREENHECK GB-071	1,2,3

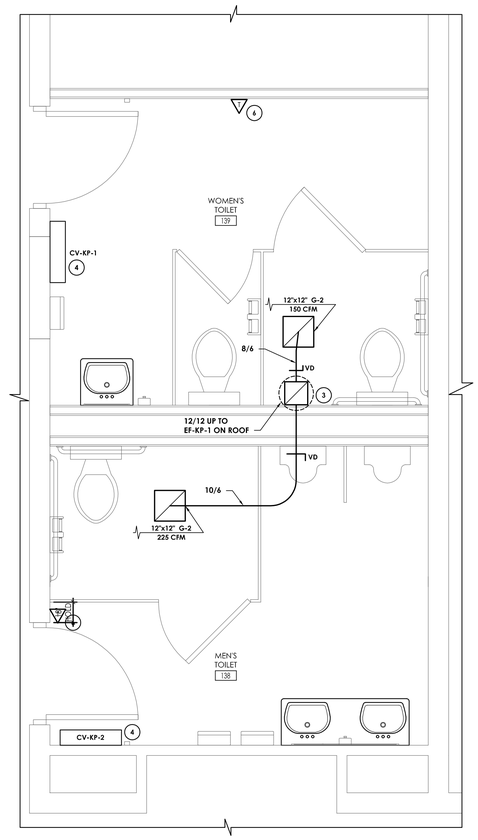
REMARKS:
1. PROVIDE DISCONNECT.
2. ALUMINUM BIRD SCREEN.
3. HINGED BASE.

KEY NOTES:

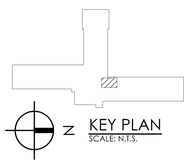
1. REMOVE EXISTING ROOF-MOUNTED EXHAUST FAN AND ASSOCIATED DUCTWORK AND GRILLES. FIELD VERIFY CURB SIZE FOR NEW FAN.
2. REMOVE EXISTING CONVECTOR. PREPARE PIPING AND CONTROLS FOR NEW UNIT.
3. PROVIDE NEW EXHAUST FAN. MOUNT TO EXISTING CURB. BALANCE FAN FOR NEW AIRFLOW.
4. EXTEND PIPING AND CONTROLS TO NEW CONVECTOR. COORDINATE WITH GENERAL CONTRACTOR FOR FLOOR/WALL CUTS.
5. REMOVE EXISTING TEMPERATURE CONTROLS. SAVE FOR RE-INSTALLATION.
6. RE-INSTALL SALVAGED TEMPERATURE CONTROLS.



1 / H203 **TOILET ROOMS #138 & #139 REMOVAL PLAN**
SCALE: 1/2" = 1'-0"



2 / H203 **TOILET ROOMS #138 & #139 CONSTRUCTION PLAN**
SCALE: 1/2" = 1'-0"



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DATE	DRAWN	CHECKED
11/30/2020	ZBH	JJM

SCALE AS NOTED

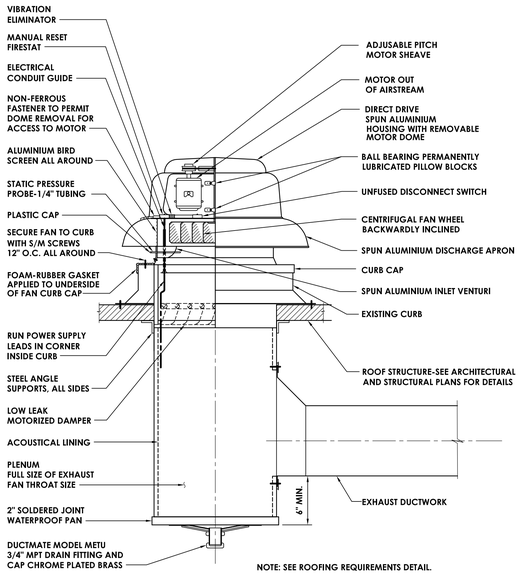
SHEET TITLE
HVAC DEMOLITION, NEW WORK, DETAILS, AND SCHEDULES PLAN

PROJECT NUMBER
70019.00

KP
H203
DRAWING NUMBER

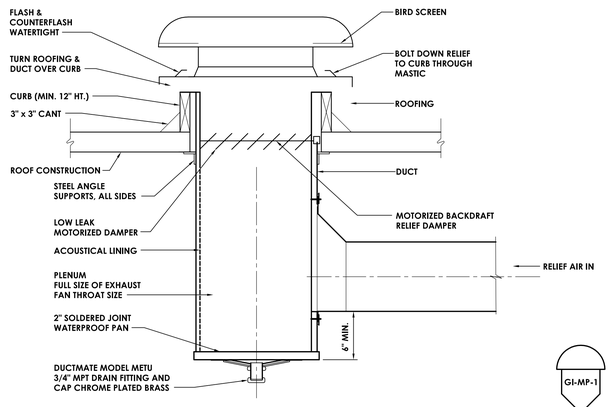
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Drawing Name: \\clarkpatterson.local\dfs\Projects\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\MECH\H2\KP-H203.dwg Date last accessed: 3/26/2021 8:31 AM Date last plotted: 3/26/2021 9:52 AM Plotted By: James Masula

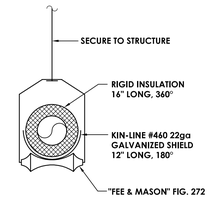


NOTE: SEE ROOFING REQUIREMENTS DETAIL.

3 / H204 **EXHAUST FAN DETAIL**
NOT TO SCALE



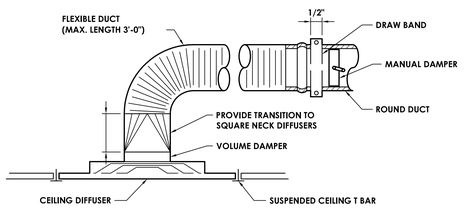
5 / H204 **LOUVERED PENTHOUSE - RELIEF VENT**
NOT TO SCALE



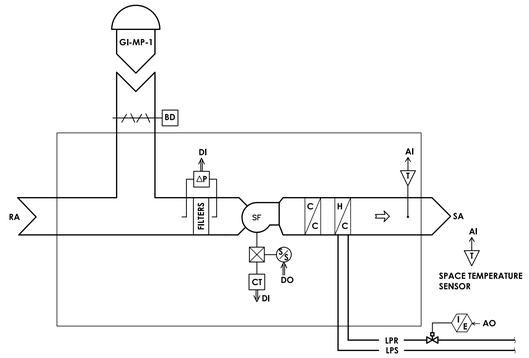
7 / H204 **PIPE HANGER DETAIL**
NOT TO SCALE

KEY NOTES:

1. REMOVE EXISTING CONVECTOR AND ASSOCIATED CONTROLS. PREPARE PIPING FOR EXTENSION TO NEW UNIT.
2. REMOVE EXISTING CONVECTOR AND ASSOCIATED CONTROLS. CAP PIPING FLUSH WITH FLOOR.
3. REMOVE EXISTING EXHAUST DUCTWORK AND ASSOCIATED FAN CONTROLS AND GRILLES. FIELD VERIFY FAN LOCATION AND SIZE. PREPARE CURB FOR RE-USE.
4. FIELD VERIFY CURB LOCATIONS. RE-USE CURB FOR NEW FAN. ADJUST DUCTWORK ACCORDINGLY.
5. PROVIDE NEW CEILING RECESSED FAN COIL. MOUNT UNIT AS HIGH AS POSSIBLE. LEAVE SUFFICIENT ROOM FOR STEAM PIPING. CONNECT TO EXISTING CONTROLS (HONEYWELL).
6. PROVIDE NEW GRAVITY INTAKE AND CURB FOR OUTDOOR AIR. DUCT TO FAN COIL MIXING BOX.
7. PROVIDE NEW TEMPERATURES CONTROLS. CONNECT TO EXISTING HONEYWELL BMS.
8. TERMINATE CONDENSATE DRAIN PIPING IN NEAREST JANITORS CLOSET FLOOR DRAIN.

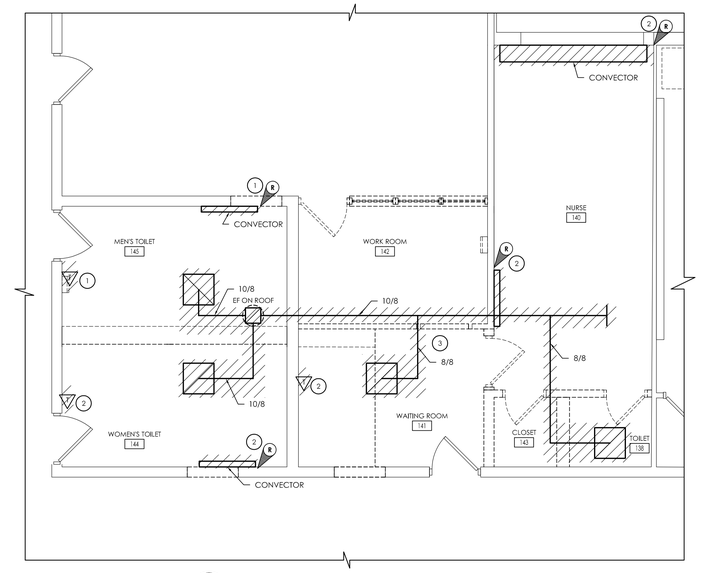


4 / H204 **DIFFUSER DETAIL**
NOT TO SCALE

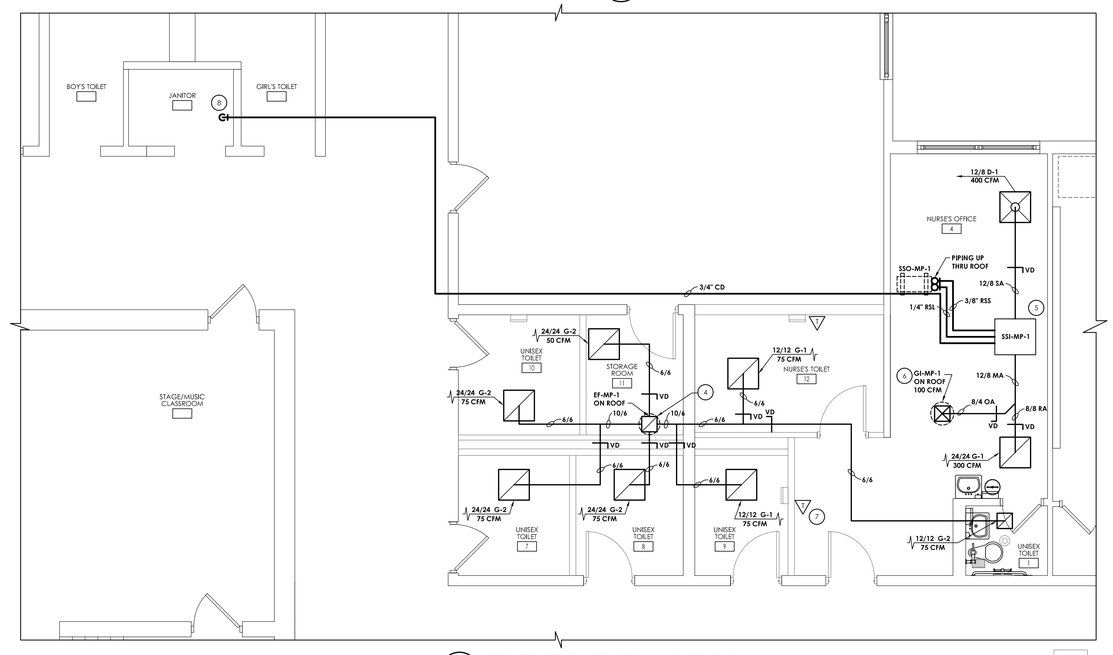


DAMPERS AND LOW VOLTAGE ACTUATORS TO BE PROVIDED BY CONTROLS VENDOR. INTEGRATE WITH EXISTING HONEYWELL CONTROLS.

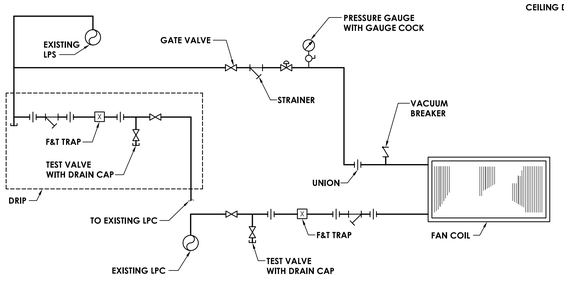
8 / H204 **HEATING ONLY FAN COIL CONTROL SCHEMATIC - MP-FC-1**
NOT TO SCALE



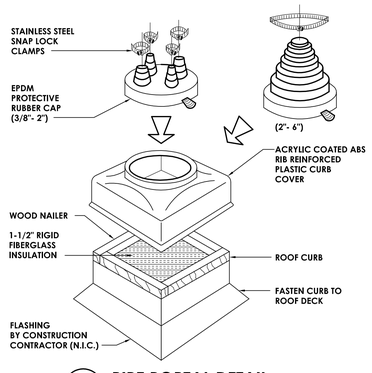
1 / H204 **TOILET ROOM'S DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



2 / H204 **TOILET ROOM'S NEW WORK PLAN**
SCALE: 1/4" = 1'-0"



6 / H204 **STEAM FAN COIL PIPING DETAIL**
NOT TO SCALE



7 / H900 **PIPE PORTAL DETAIL**
NOT TO SCALE

REGISTERS, GRILLES, AND DIFFUSERS

MARK	APPLICATION	MATERIAL	TYPE	FINISH	DESIGN EQUIP.	REMARKS
D-1	SUPPLY	STEEL	LAY-IN	WHITE	TITUS, TMS	-
G-1	RETURN/EA	STEEL	LAY-IN	WHITE	TITUS, 50F-NT	-
G-2	RETURN/EA	STEEL	SURFACE MOUNT	WHITE	TITUS, 50F-NT	-

GRAVITY INTAKE SCHEDULE

MARK	LOCATION	SERVICE	THROAT AREA (SQ. FT.)	HOOD AREA (SQ. FT.)	AIR FLOW (CFM)	SP (IN. W.G.)	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
GI-MP-1	ROOF	VENTILATION AIR	1	3	100	0.011	LOREN COOK 12x12GI	1

REMARKS: 1. PROVIDE WITH WIRE MESH BIRD SCREEN.

FAN SCHEDULE

MARK	LOCATION	SERVICE	TYPE	ROOF OPENING (IN.)	CFM	SP IN W.G.	RPM	ELECTRICAL DATA			TYPICAL UNIT MFG & MODEL NO.	REMARKS:
								BHP / HP	VOLTS	PHASE		
EF-MP-1	ROOF	TOILETS	DOWN BLAST	18X18	500	0.5	1413	0.084/0.5	120	1	LOREN COOK 101C15D	1,2,3

REMARKS: 1. PROVIDE DISCONNECT.
2. ALUMINUM BIRD SCREEN.
3. HINGED BASE.

MATTHEW PATTERSON SED OA CALCULATION

SPACE	TOTAL SQ. FT.	CFM/ft^2 AT MAXIMUM	OCCUPANT DENSITY #/1000 SQFT	TOTAL OCCUPANCY FOR VENTILATION	O.A. PER PERSON (CFM)	O.A. PER SQ. FT. (CFM)	Vbz (CFM)	Ez	Voz=Vot (CFM)	DESIGN OUTSIDE AIR CFM	DESIGN SUPPLY AIR CFM
NURSE'S OFFICE - 4	347	0.29	5.00	2	5	0.06	29.495	0.8	37	100	400

SPLIT SYSTEM INDOOR UNIT SCHEDULE

MARK	TOTAL AIRFLOW CFM	OUTSIDE AIR CFM	NOM.HEATING CAPACITY BTU/HR	NOM.COOLING CAPACITY BTU/HR	DIMENSIONS (H" X W" X D")	COLOR	WEIGHT (LBS)	POWER (Ø/V/Hz)	MCA AMPS	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
SSI-MP-1	400	100	13,600	10,800	9-5/8 X 27-9/16 X 31-1/2	WHITE	64	1 / 208-230 / 60	13	DAIKIN AURORA FDMQ12RVJU	1,2,3

REMARKS: 1. FURNISH DISCONNECT SWITCH.
2. PROVIDE MERV 8 FILTERS FOR FAN COIL UNIT.
3. UNIT SHALL INCLUDE INTEGRATED CONDENSATE PUMP.

OUTDOOR CONDENSING UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	NOM.HEATING CAPACITY BTU/HR	NOM.COOLING CAPACITY BTU/HR	ELECTRICAL			WEIGHT (LBS)	REMARKS:
					POWER (Ø/V/Hz)	MCA (AMPS)	RLA (AMPS)		
SSO-MP-1	DAIKIN	RXL12QMVJU9	13,600	10,800	208-230/60/1	13	12	70	1,2,3

REMARKS: 1. PROVIDE DISCONNECT.
2. PROVIDE MANUFACTURER'S SNOW HOOD.
3. PROVIDE RECTORSEAL BIG FOOT STAND MODEL: B5551 WITH 18" INCH CLEARANCE ABOVE ROOF DECK.

KEY PLAN
SCALE: N.T.S.

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REVISIONS

NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
1	01/07/2021	JGS	-	ADDENDUM #1
2	03/29/2021	JGS	JP	ISSUED FOR BID

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CARMEL CENTRAL SCHOOL DISTRICT
81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563

CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
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MATTHEW PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	ZBH	JJM

SCALE AS NOTED

SHEET TITLE
HVAC DEMOLITION, NEW WORK, DETAILS, AND SCHEDULES PLAN

PROJECT NUMBER 70019.00

MP H204
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

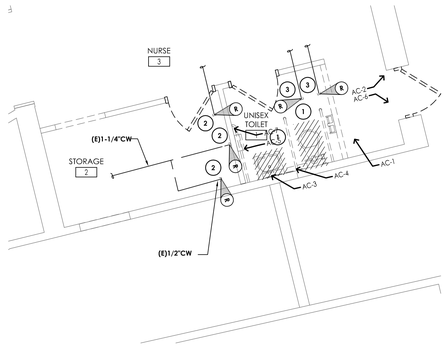
Plotted By: James Masuka
Date last plotted: 3/26/2021 9:52 AM
Date last accessed: 3/26/2021 8:29 AM
Drawing Name: \\clarkpatterson.local\dfs\Projects3\Projects\Carmel CSD\2019 Bond Interior Alts\3D Design\06 CAD\AutoCAD\MECH\H2\MP-H204.dwg

KEY NOTES - DEMOLITION

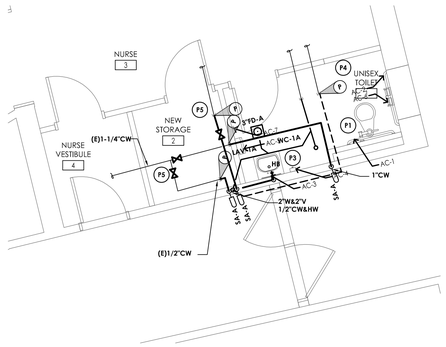
1. DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURES SHOWN HATCHED. DISCONNECT AND REMOVED ASSOCIATED DOMESTIC WATER, SANITARY, AND VENT PIPING BACK TO ASSOCIATED MAIN LINE AND CAP.
2. DISCONNECT AND REMOVE EXISTING WATER PIPING SERVING TOILET TO BE DEMOLISHED. REMOVE BACK TO THIS POINT & CAP.
3. DISCONNECT AND REMOVE EXISTING WASTE & VENT PIPING SERVING TOILET TO BE DEMOLISHED. REMOVE BACK TO THIS POINT & CAP.

KEY NOTES - PLUMBING:

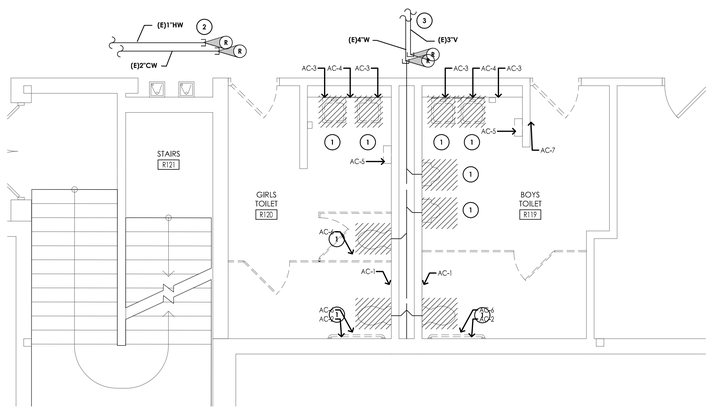
- P1 PROVIDE WATER CLOSET, FLUSH VALVE, SUPPORTS, WATER PIPING, SANITARY PIPING, & VENT PIPING.
- P2 PROVIDE URINAL, FLUSH VALVE, SUPPORTS, WATER PIPING, SANITARY PIPING, & VENT PIPING.
- P3 PROVIDE LAVATORY, FAUCET, P-TRAP, H & CW WATER PIPING, SHUT-OFF VALVES, SANITARY PIPING, & VENT PIPING.
- P4 EXTEND & CONNECT TO EXISTING WASTE & VENT PIPING. COORDINATE EXACT POINT OF CONNECTION TO EXISTING IN FIELD.
- P5 EXTEND & CONNECT TO EXISTING COLD & HOT WATER PIPING. COORDINATE EXACT POINT OF CONNECTION TO EXISTING IN FIELD.



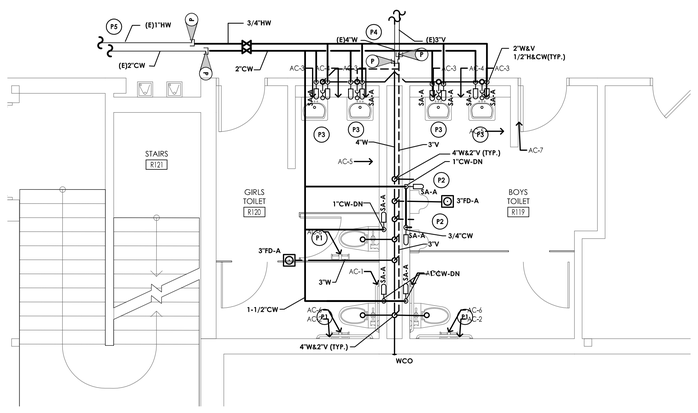
1 P200 **UNISEX TOILET DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



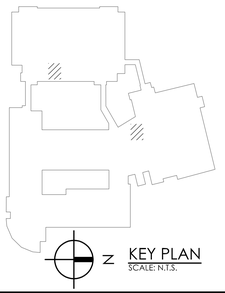
2 P200 **UNISEX TOILET NEW WORK PLAN**
SCALE: 1/4" = 1'-0"



3 P200 **BOYS #R119 AND GIRLS #R120 TOILET DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



4 P200 **BOYS #R119 AND GIRLS #R120 TOILET NEW WORK PLAN**
SCALE: 1/4" = 1'-0"



N KEY PLAN
SCALE: N.T.S.

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KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	RWR	CG

SCALE AS SHOWN

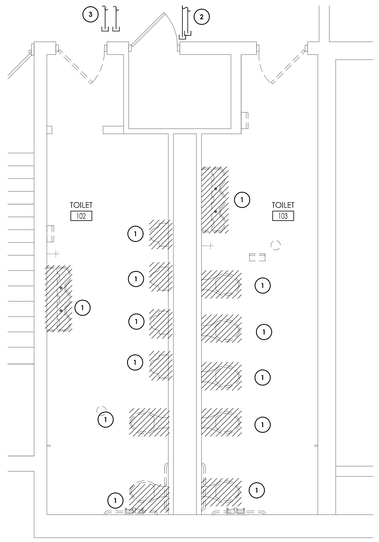
SHEET TITLE
TOILET ROOM PLUMBING DEMOLITION, AND NEW WORK PLAN

PROJECT NUMBER
70019.00

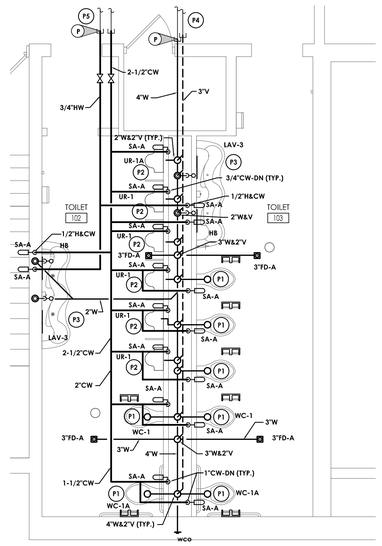
HS
P200
DRAWING NUMBER

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Drawing Name: \\clarkpatterson.local\dfs\Projects3\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD PLUMA\P2\H5-P200-RLA.dwg Date last accessed: 3/26/2021 8:30 AM Date last plotted: 3/26/2021 9:54 AM Plotted By: James Masula



1 P201 **TOILET ROOMS #102 & #103 DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



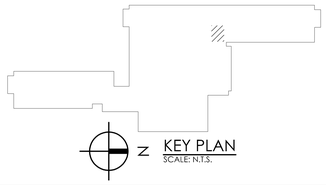
2 P201 **TOILET ROOMS #102 & #103 NEW WORK PLAN**
SCALE: 1/4" = 1'-0"

KEY NOTES - DEMOLITION

1. DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURES SHOWN HATCHED. DISCONNECT AND REMOVED ASSOCIATED DOMESTIC WATER, SANITARY, AND VENT PIPING BACK TO ASSOCIATED MAIN LINE AND CAP.
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3. DISCONNECT AND REMOVE EXISTING WASTE & VENT PIPING SERVING TOILET TO BE DEMOLISHED. REMOVE BACK TO THIS POINT & CAP.

KEY NOTES - PLUMBING:

- P1 PROVIDE WATER CLOSET, FLUSH VALVE, SUPPORTS, WATER PIPING, SANITARY PIPING, & VENT PIPING.
- P2 PROVIDE URINAL, FLUSH VALVE, SUPPORTS, WATER PIPING, SANITARY PIPING, & VENT PIPING.
- P3 PROVIDE LAVATORY, FAUCET, P-TRAP, H & CW WATER PIPING, SHUT-OFF VALVES, SANITARY PIPING, & VENT PIPING.
- P4 EXTEND & CONNECT TO EXISTING WASTE & VENT PIPING. COORDINATE EXACT POINT OF CONNECTION TO EXISTING IN FIELD.
- P5 EXTEND & CONNECT TO EXISTING COLD & HOT WATER PIPING. COORDINATE EXACT POINT OF CONNECTION TO EXISTING IN FIELD.



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KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	RWR	CG

SCALE AS SHOWN

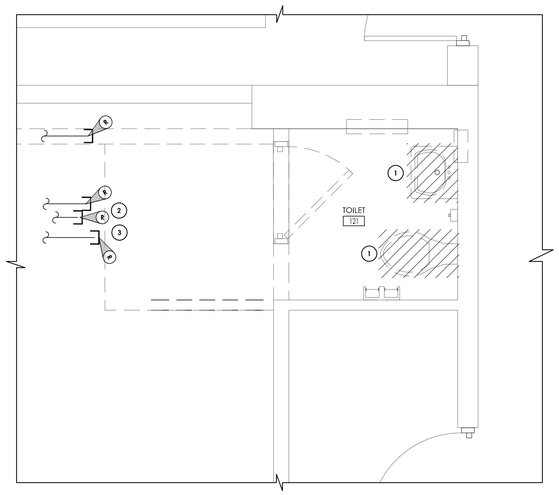
SHEET TITLE
TOILET ROOM PLUMBING DEMOLITION, AND NEW WORK PLAN

PROJECT NUMBER
70019.00

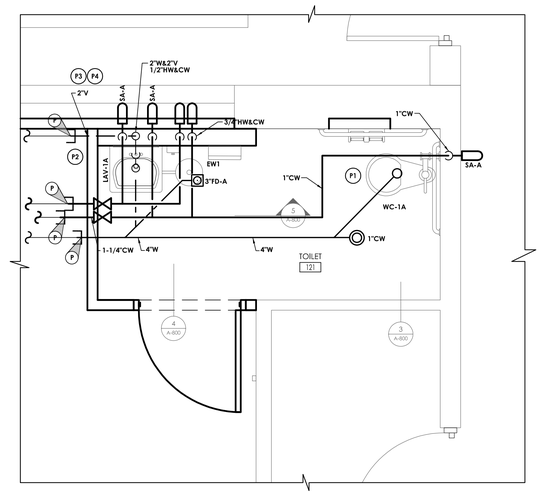
GF
P201
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Drawing Name: \\clarkpatterson.local\Gfs\Projects3\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD PLUM\P2\GF-P201.dwg
Date last accessed: 3/26/2021 8:29 AM
Plotted By: James Masuka
Date last plotted: 3/26/2021 9:53 AM



1 P202 **TOILET ROOM #121 DEMOLITION PLAN**
SCALE: 1/2" = 1'-0"



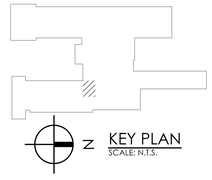
2 P202 **TOILET ROOM #121 NEW WORK PLAN**
SCALE: 1/2" = 1'-0"

KEY NOTES - DEMOLITION

1. DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURES SHOWN HATCHED. DISCONNECT AND REMOVED ASSOCIATED DOMESTIC WATER, SANITARY, AND VENT PIPING BACK TO ASSOCIATED MAIN LINE AND CAP.
2. DISCONNECT AND REMOVE EXISTING WATER PIPING SERVING TOILET TO BE DEMOLISHED. REMOVE BACK TO THIS POINT & CAP.
3. DISCONNECT AND REMOVE EXISTING WASTE & VENT PIPING SERVING TOILET TO BE DEMOLISHED. REMOVE BACK TO THIS POINT & CAP.

KEY NOTES - PLUMBING:

- P1 PROVIDE WATER CLOSET, FLUSH VALVE, SUPPORTS, WATER PIPING, SANITARY PIPING, & VENT PIPING.
- P2 PROVIDE LAVATORY, FAUCET, P-TRAP, H & CW WATER PIPING, SHUT-OFF VALVES, SANITARY PIPING, & VENT PIPING.
- P3 EXTEND & CONNECT TO EXISTING WASTE & VENT PIPING, COORDINATE EXACT POINT OF CONNECTION TO EXISTING IN FIELD.
- P4 EXTEND & CONNECT TO EXISTING COLD & HOT WATER PIPING, COORDINATE EXACT POINT OF CONNECTION TO EXISTING IN FIELD.



N KEY PLAN
SCALE: N.T.S.

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KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	RWR	CG

SCALE AS SHOWN

SHEET TITLE
PLUMBING DEMOLITION, NEW WORK, AND RCP PLANS

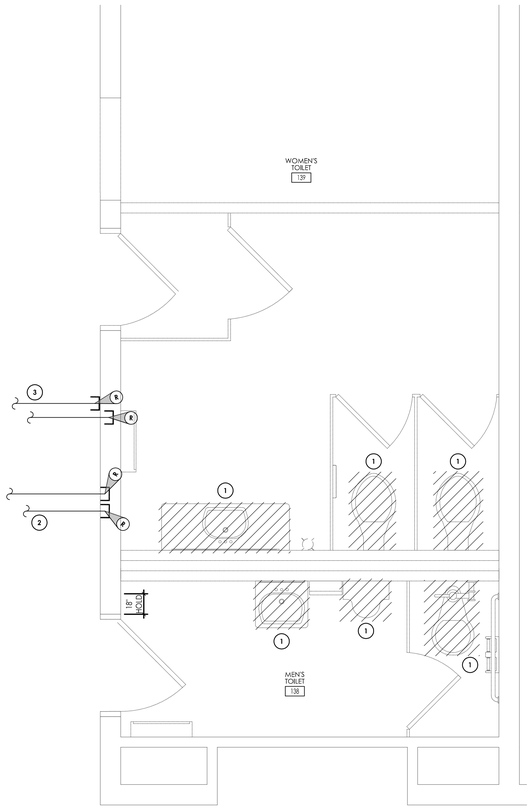
PROJECT NUMBER
70019.00

KE
P202
DRAWING NUMBER

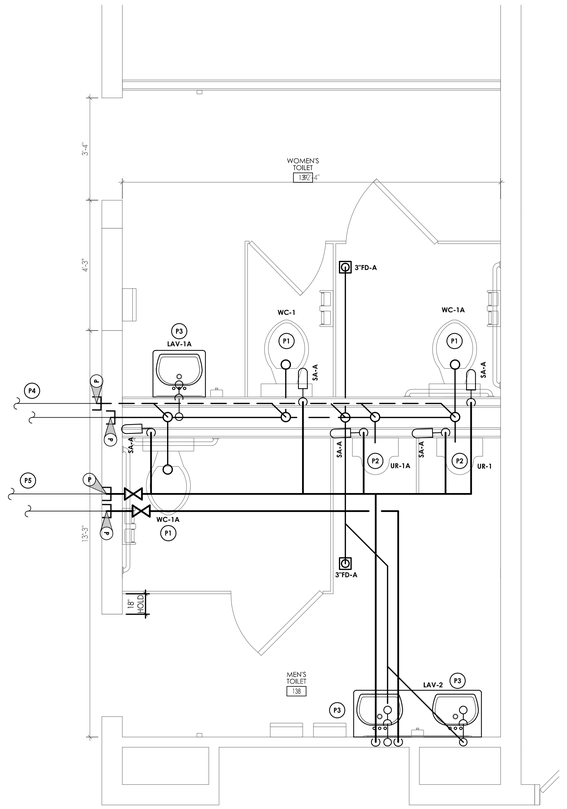
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Drawing Name: \\clarkpatterson.local\Dfs\Projects\Projects3\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD PLUM\P2\KE-P202.dwg
Date last accessed: 3/26/2021 8:30 AM
Date last plotted: 3/26/2021 9:55 AM
Plotted By: James Masuka

Drawing Name: \\clarkpatterson.local\Vol5\Projects3\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\PLUM\P2\KP-P203.dwg Date last accessed: 3/26/2021 8:30 AM Date last plotted: 3/26/2021 9:56 AM Plotted By: James Masuka



1 P203 **TOILET ROOM #138 & #139 DEMOLITION PLAN**
SCALE: 1/2" = 1'-0"



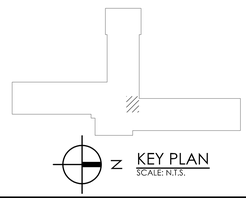
2 P203 **TOILET ROOM #138 & #139 NEW WORK PLAN**
SCALE: 1/2" = 1'-0"

KEY NOTES - DEMOLITION

1. DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURES SHOWN HATCHED. DISCONNECT AND REMOVED ASSOCIATED DOMESTIC WATER, SANITARY, AND VENT PIPING BACK TO ASSOCIATED MAIN LINE AND CAP.
2. DISCONNECT AND REMOVE EXISTING WATER PIPING SERVING TOILET TO BE DEMOLISHED. REMOVE BACK TO THIS POINT & CAP.
3. DISCONNECT AND REMOVE EXISTING WASTE & VENT PIPING SERVING TOILET TO BE DEMOLISHED. REMOVE BACK TO THIS POINT & CAP.

KEY NOTES - PLUMBING:

- P1 PROVIDE WATER CLOSET, FLUSH VALVE, SUPPORTS, WATER PIPING, SANITARY PIPING, & VENT PIPING.
- P2 PROVIDE URINAL, FLUSH VALVE, SUPPORTS, WATER PIPING, SANITARY PIPING, & VENT PIPING.
- P3 PROVIDE LAVATORY, FAUCET, P-TRAP, H & CW WATER PIPING, SHUT-OFF VALVES, SANITARY PIPING, & VENT PIPING. PROVIDE POINT OF USE THERMOSTATIC MIXING VALVE, LEONARD 170-LF OR APPROVED EQUAL.
- P4 EXTEND & CONNECT TO EXISTING WASTE & VENT PIPING, COORDINATE EXACT POINT OF CONNECTION TO EXISTING IN FIELD.
- P5 EXTEND & CONNECT TO EXISTING COLD & HOT WATER PIPING, COORDINATE EXACT POINT OF CONNECTION TO EXISTING IN FIELD.



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DATE	DRAWN	CHECKED
11/30/2020	RWR	CG

SCALE AS SHOWN

SHEET TITLE
PLUMBING REMOVAL, CONSTRUCTION, AND RCP PLANS

PROJECT NUMBER
70019.00

KP
P203
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

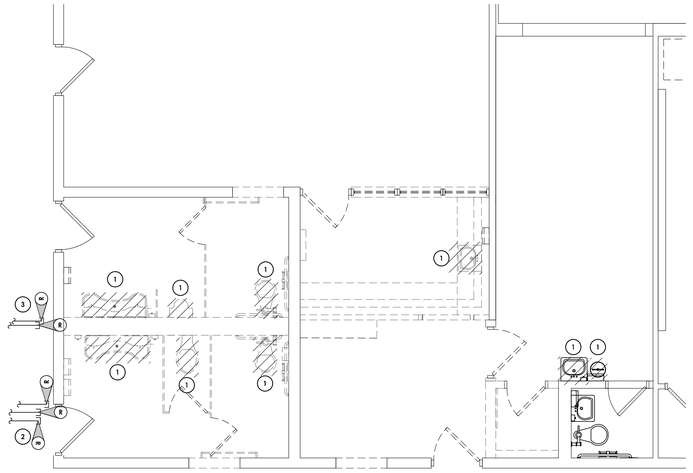
Drawing Name: \\clarkpatterson.local\dfs\Projects\Projects3\Projects\Carmel CSD\2019 Bond Interior Alts\3D Design\06 CAD\AutoCAD\PLUM\P2\MP-P204.dwg Plotted By: James Masuka
Date last plotted: 3/26/2021 8:30 AM Date last plotted: 3/26/2021 9:56 AM
Date last accessed: 3/26/2021 8:30 AM

KEY NOTES - DEMOLITION

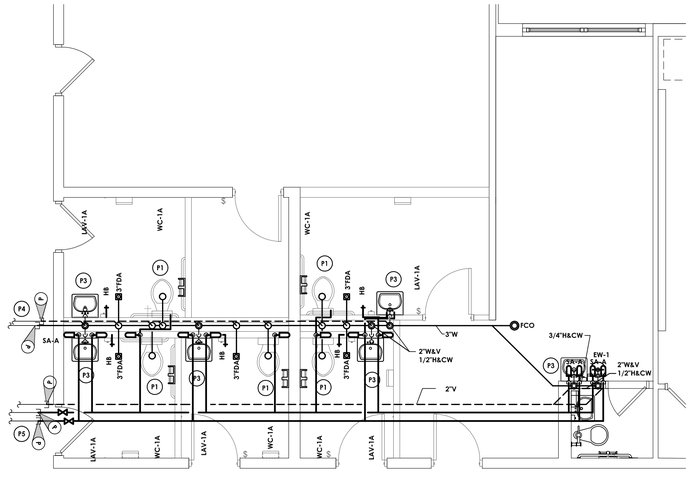
1. DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURES SHOWN HATCHED. DISCONNECT AND REMOVED ASSOCIATED DOMESTIC WATER, SANITARY, AND VENT PIPING BACK TO ASSOCIATED MAIN LINE AND CAP.
2. DISCONNECT AND REMOVE EXISTING WATER PIPING SERVING TOILET TO BE DEMOLISHED. REMOVE BACK TO THIS POINT & CAP.
3. DISCONNECT AND REMOVE EXISTING WASTE & VENT PIPING SERVING TOILET TO BE DEMOLISHED. REMOVE BACK TO THIS POINT & CAP.

KEY NOTES - PLUMBING:

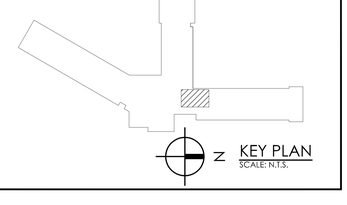
- P1 PROVIDE WATER CLOSET, FLUSH VALVE, SUPPORTS, WATER PIPING, SANITARY PIPING, & VENT PIPING.
- P2 PROVIDE URINAL, FLUSH VALVE, SUPPORTS, WATER PIPING, SANITARY PIPING, & VENT PIPING.
- P3 PROVIDE LAVATORY, FAUCET, P-TRAP, H & C/W WATER PIPING, SHUT-OFF VALVES, SANITARY PIPING, & VENT PIPING. PROVIDE POINT OF USE THERMOSTATIC MIXING VALVE, LEONARD MODEL 170-LF, OR APPROVED EQUAL.
- P4 EXTEND & CONNECT TO EXISTING WASTE & VENT PIPING. COORDINATE EXACT POINT OF CONNECTION TO EXISTING IN FIELD.
- P5 EXTEND & CONNECT TO EXISTING COLD & HOT WATER PIPING. COORDINATE EXACT POINT OF CONNECTION TO EXISTING IN FIELD.



1 P204 **TOILET ROOMS REMOVAL PLAN**
SCALE: 1/2" = 1'-0"



2 P204 **TOILET ROOMS CONSTRUCTION PLAN**
SCALE: 1/2" = 1'-0"



KEY PLAN
SCALE: N.T.S.

CPLteam.com
ARCHITECTURE = ENGINEERING = PLANNING

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REVISIONS NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
1	01/07/2021	-	-	ADDENDUM #1
2	03/29/2021	JKS	JP	ISSUED FOR BID

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CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
MATTHEW PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	RLA	JM

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WIRING LEGEND:

- S. SWITCH
  - (NONE) SINGLE POLE TOGGLE SWITCH
  - 2 TWO POLE TOGGLE SWITCH
  - 3 THREE WAY TOGGLE SWITCH
  - 4 FOUR WAY TOGGLE SWITCH
  - WP SINGLE POLE WEATHER PROOF SWITCH
  - K SINGLE POLE KEYED SWITCH
  - K2 TWO POLE KEYED SWITCH
  - K3 THREE WAY KEYED SWITCH
  - K4 FOUR WAY KEYED SWITCH
  - P SINGLE POLE SWITCH WITH PILOT LIGHT
  - TM SINGLE POLE SWITCH WITH ONE HOUR TIMER
  - T THERMAL SWITCH
  - TP THERMAL SWITCH WITH PILOT LIGHT
  - M MOMENTARY CONTACT SWITCH
- S_{II} ROMAN NUMERAL DESIGNATES NUMBER OF SWITCHES
- S_a LOWER CASE LETTER DESIGNATES SWITCH LEG
- SINGLE RECEPTACLE
- PLUG MOLD
- DUPLEX RECEPTACLE
- QUADRAPLEX RECEPTACLE
- SPECIAL RECEPTACLE
  - GFI GROUND FAULT CIRCUIT INTERRUPTER
  - WP WEATHER PROOF IN-USE COVER
  - SS SURGE SUPPRESSION
  - C COUNTER HEIGHT
  - TR TAMPER RESISTANT, UL LISTED
  - IG ISOLATED GROUND
  - RT RAIN TITE
  - E EMERGENCY
  - X TYPE X (SEE RECEPTACLE SCHEDULE)
- PP POWER POLE
- RECESSED FLOOR MOUNTED DUPLEX RECEPTACLE
- SURFACE MOUNTED FLOOR RECEPTACLE
- CEILING MOUNTED DUPLEX RECEPTACLE
- —C— CONDUIT
- —W— EXPOSED LOW VOLTAGE WIRING
- HORIZONTAL NON-METALLIC WIREWAY WITH DATA JACK OUTLETS AND ISOLATED GROUND TYPE DUPLEX RECEPTACLES
- VERTICAL NON-METALLIC WIREWAY WITH DATA JACK OUTLETS AND ISOLATED GROUND TYPE DUPLEX RECEPTACLES
- —WM— WIRE MOLD
- J JUNCTION BOX
  - F FIRE SYSTEM
  - S SECURITY SYSTEM
- DISCONNECT SWITCH
- DISCONNECT SWITCH - WEATHER PROOF (NEMA 3R)
- F FUSED DISCONNECT SWITCH
- COMBINATION FUSED DISCONNECT/ MAGNETIC STARTER SWITCH
  - HOA HAND/OFF/AUTO
  - SS START/STOP
- MANUAL STARTER
- VSD COMBINATION VARIABLE SPEED DRIVE AND DISCONNECT
- VSD VARIABLE SPEED DRIVE
- ST/SP PUSHBUTTON - START, STOP
- ST/SP/PL PUSHBUTTON - START, STOP, WITH PILOT LIGHT
- UP/DN/SP PUSHBUTTON - UP, DOWN, STOP
- EF-1 MOTOR WITH DESIGNATOR
- TC TIME CLOCK
- WH WATER HEATER
- HD HAND DRYER, HARD WIRED
- T THERMOSTAT
- HVP1-6 BRANCH CIRCUIT HOME RUN WITH PANEL NAME AND CIRCUIT NUMBER, QUANTITY OF ARROWHEADS DENOTES QUANTITY OF BRANCH CIRCUITS
  - GFI BKR. GFI TYPE BREAKER
  - A.F. BKR. ARC FAULT BREAKER
- BRANCH CIRCUIT WIRING, PROVIDE QUANTITIES OF CONDUCTORS REQUIRED FOR CIRCUITING AND SWITCHING AS INDICATED
- POWER LEG ONLY (NO SWITCH LEG BETWEEN ROOMS)
- HARDWIRE CONNECTION
- CONDUIT RISER UP
- CONDUIT RISER DOWN
- T TRANSFORMER
- T_K TYPE "K" TRANSFORMER
- MUSHROOM HEAD PUSH BUTTON (EMERGENCY STOP)
- EMERGENCY BREAK GLASS STATION
- GROUNDING ROD

SINGLE LINE DIAGRAM LEGEND:

- EARTH GROUND
- CHASSIS GROUND
- 45 KVA 480-208/120V K-13 — TRANSFORMER - KVA, PRIMARY AND SECONDARY VOLTAGE INDICATED. CONNECTIONS, K-RATING, AND SHIELD SPECIFIED
- CURRENT TRANSFORMER
- POTENTIAL TRANSFORMER
- FUSE
- DISCONNECT/LOADBREAK SWITCH
- CIRCUIT BREAKER
- CIRCUIT BREAKER DRAWOUT MOUNTED (LOW VOLTAGE)
- AUTOMATIC TRANSFER SWITCH (NORMAL POSITION SHOWN)
- METER
- ENCLOSED CIRCUIT BREAKER
- LIGHTNING ARRESTER
- FUSED DISCONNECT SWITCH
- PANEL 208-120V 225A — PANELBOARD- RATINGS AS SPECIFIED IN SINGLE LINE DIAGRAM AND ON PANELBOARD SCHEDULE

COMMUNICATIONS LEGEND:

- TELEPHONE (1) CAT3 - TELEPHONE JACK & CABLE
  - (NONE) STANDARD MODULAR JACK FOR TELEPHONE
  - W WALL MOUNTED TELEPHONE MODULAR JACK
  - P PUBLIC TELEPHONE MODULAR JACK
  - C COUNTER HEIGHT MODULAR JACK
- TELEPHONE FLOOR OUTLET (1) CAT3 - TELEPHONE JACK & CABLE
- DATA OUTLET WITH FLUSH BOX AND FACEPLATE (1) CAT6 - DATA JACK & CABLE
- COMPUTER FLOOR OUTLET (1) CAT6 - DATA JACK & CABLE
- COMBINATION TELEPHONE CABLE AND DATA OUTLETS IN DOUBLE GANG FLUSH MOUNTED BOX WITH FACEPLATE
- WT WIRELESS TRANSMITTER (PROVIDED BY OWNER) CONTRACTOR TO PROVIDE (2) CAT6 DATA JACKS & CABLING
- T/D BACK BOX FOR OWNER PROVIDED TEL/COM WIRING & DEVICES
- DATA RACK
- TV COAX CABLE (TYPE F CONNECTOR)
- CEILING MOUNT LCD PROJECTOR
- SPEAKER (PUBLIC ADDRESS)
  - (NONE) CEILING MOUNTED
  - W WALL MOUNTED
- SPEAKER (LOCAL SOUND SYSTEM)
- SPEAKER HORN
- MICROPHONE JACK
- SPEAKER JACK
- VOLUME CONTROL
- CLOCK
- DOUBLE FACE CLOCK
- C/S COMBINATION CLOCK AND SPEAKER
- IC INTERCOM STATION
- PA/MIC REMOTE PRE-AMPLIFIER AND PAGING MICROPHONE
- CJ CONSOLE JACK
- HL HOUSE LIGHT CONTROL STATION
- WB WALL BOX AS SPECIFIED
- FB FLOOR BOX

NOTE:

SYMBOLS SHOWN ON THIS ELECTRICAL SYMBOLS LIST ARE FOR REFERENCE PURPOSES ONLY. ALL OF THESE SYMBOLS MAY NOT BE USED FOR THIS PROJECT.

FIRE/LIFE SAFETY LEGEND:

- F FIRE ALARM PULL STATION
- FB FIRE ALARM BELL
- FH FIRE ALARM HORN
- FHS FIRE ALARM HORN AND STROBE COMBINATION
- FHS WP FIRE ALARM HORN AND STROBE COMBINATION, WEATHER PROOF
- FS FIRE ALARM SPEAKER
- FS C FIRE ALARM SPEAKER - CEILING MOUNTED
- FS FIRE ALARM SPEAKER AND STROBE COMBINATION
- FST FIRE ALARM STROBE
- FST C FIRE ALARM STROBE - CEILING MOUNTED
- SMOKE DETECTOR
- S WG SMOKE DETECTOR WITH GUARD
- CO CARBON MONOXIDE DETECTOR
- CH4 NATURAL GAS SENSOR
- HEAT DETECTOR
- COMBINATION SMOKE/HEAT DETECTOR
- F HEAT DETECTOR - 190° FIXED TEMPERATURE
- EXP HEAT DETECTOR - EXPLOSION PROOF
- BT BEAM SMOKE DETECTOR TRANSMITTER
- BR BEAM SMOKE DETECTOR RECEIVER
- A DUCT DETECTOR
  - SA INDICATES INSTALLATION IN SUPPLY AIR
  - RA INDICATES INSTALLATION IN RETURN AIR
- RTS REMOTE TEST STATION FOR DUCT DETECTOR
- FIRE ALARM SHUT DOWN RELAY
- DH FIRE DOOR HOLD OPEN
- TS TAMPER SWITCH
- FS FLOW SWITCH
- FSS FIRE SUPRESSION ANSUL SYSTEM CONNECTION
- FR SMOKE DAMPER RELAY CONNECTION
  - SD/FD SMOKE DAMPER AND FIRE DAMPER
  - SD SMOKE DAMPER
- XM CONTROL MODULE, ADDRESSABLE
- AREA OF RESCUE CALL STATION
- ARM AREA OF RESCUE MASTER TELEPHONE STATION

SECURITY LEGEND:

- KP SECURITY KEY PAD
- VIDEO CAMERA
- VM CCTV VIDEO MONITOR
- MD PASSIVE INFRARED MOTION DETECTOR
- PR PROXIMITY CARD READER
- C CALL SWITCH
- DC DOOR CONTACT
- WC WINDOW CONTACT
- ES ELECTRIC STRIKE DOOR RELEASE
- ML MAGNETIC DOOR RELEASE
- DA DOOR ACTUATOR

NURSE CALL LEGEND:

- CB NURSE CALL BUTTON
- P NURSE CALL PATIENT BED STATION
- B CODE CALL BUTTON
- SA NURSE CALL STAFF ASSIST STATION
- S NURSE CALL STAFF STATION
- SD NURSE CALL DUTY/STAFF STATION
- D NURSE CALL DUTY STATION
- NURSE CALL LIGHT
- NURSE CALL CODE LIGHT
- NURSE CALL ZONE LIGHT
- M NURSE CALL MASTER STATION
- E NURSE CALL EMERGENCY PULL STATION
- IR NURSE CALL INFRARED SENSOR

LIGHT FIXTURE LEGEND:

- XX LIGHTING FIXTURE (SEE LIGHTING FIXTURE SCHEDULE FOR LETTER DESIGNATION AND DESCRIPTION OF FIXTURES)
- EMERGENCY AND/OR NIGHT LIGHT LIGHTING FIXTURE
- EXIT LIGHTING FIXTURE UNIVERSAL MOUNT, SINGLE/DOUBLE FACE (WHERE USED, ARROW INDICATES CHEVRON DIRECTION)
- BATTERY POWERED EMERGENCY LIGHT
- EMERGENCY LIGHT REMOTE HEAD
- TRACK LIGHTING
- POLE MOUNTED LIGHTING (QUANTITY AND ORIENTATION OF HEADS AS SHOWN)
- OCS OCCUPANCY SENSOR - CEILING MOUNTED
- OSW OCCUPANCY SENSOR - WALL MOUNTED
- LC LIGHTING CONTACTOR
- PC PHOTOCELL
- S. SWITCH
  - LV LOW VOLTAGE 1-4 BUTTON STATION (CONNECT TO LIGHTING CONTROL STATION)
  - O OCCUPANCY SENSOR SWITCH
  - D DIMMER
  - D3 THREE WAY DIMMER
  - DF DIMMER (FLUORESCENT)

PANEL LEGEND:

- EXISTING ELECTRICAL PANEL
- XXX NEW ELECTRICAL PANEL
  - MDP MAIN DISTRIBUTION PANEL
  - LVP LOW VOLTAGE PANEL
  - HVP HIGH VOLTAGE PANEL
  - LP LIGHTING CONTROL PANEL
  - IG ISOLATED GROUND PANEL
  - MSB MAIN SWITCH BOARD
  - MCC MOTOR CONTROL CENTER
  - TVSS TRANSIENT VOLTAGE SURGE SUPPRESSION
- ATS AUTOMATIC TRANSFER SWITCH
- XXX ELECTRICAL SYSTEMS PANEL
  - SACP SECURITY ALARM CONTROL PANEL
  - FACP FIRE ALARM CONTROL PANEL
  - PA PUBLIC ADDRESS CONTROL PANEL
  - FAAP FIRE ALARM ANNUNCIATOR PANEL

ELECTRICAL PANELBOARD LABELING PLACARD

LINE 1 - PANELBOARD NAME: PP1 (EXAMPLE)
LINE 2 - VOLTAGE AND PHASE:480/277V-3PH-4W (EXAMPLE)
LINE 3 - WHERE PANELBOARD IS FED FROM: FF MSB BREAKER #14 (EXAMPLE)

GENERAL ELECTRICAL NOTES:

1) HATCHED AREAS ////// DESIGNATE EXISTING EQUIPMENT TO BE REMOVED, UNLESS OTHERWISE NOTED.
2) ALL WORK TO BE DONE IN ACCORDANCE WITH THE 2017 EDITION OF THE NATIONAL ELECTRIC CODE (NFPA 70).
3) CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND COORDINATE WITH EXISTING EQUIPMENT PRIOR TO BIDDING.

BUILDING:

4) INSTALLATION HEIGHT TO CENTER OF EQUIPMENT ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED TO BE:
   - RECEPTACLE = 18"
   - SWITCH = 44"
   - MODULAR JACK FOR WALL MOUNTED TELEPHONE = 52"
   - MODULAR TELEPHONE JACK = 18"
   - AUDIO/VISUAL FIRE ALARM INDICATORS = 88"
   - FIRE ALARM PULL STATIONS = 48"
   - TELEVISION OUTLET = 7'-0"
   - COMPUTER OUTLET = 18"
   - CALL SWITCH = 44"
   - REMOTE TEST STATION FOR DUCT DETECTOR = 52"
   - C = ABOVE COUNTER BACKSPLASH, COORDINATE WITH ARCHITECTURAL ELEVATIONS AND MILLWORK.
5) INSTALL DATA JACKS FOR CEILING MOUNTED WIRELESS TRANSMITTERS ABOVE CEILING IN ALL AREAS WHERE THERE IS AN ACCESSIBLE CEILING. PROVIDE FLUSH MOUNTED JACKS IN ALL HARD CEILINGS.
6) ALL CONDUIT AND WIRING TO BE CONCEALED IN WALLS, FLOOR, OR ABOVE CEILINGS UNLESS OTHERWISE NOTED OR APPROVED BY THE ARCHITECT/ENGINEER. ALL DEVICE OUTLET BOXES SHALL BE RECESSED UNLESS OTHERWISE NOTED OR APPROVED BY THE ARCHITECT/ENGINEER. WHERE APPROVED OR NOTED, SURFACE METAL RACEWAY AND DEVICE BOXES SHALL BE USED IN-LIEU OF CONDUIT AND CONCEALED BOXES AT NO EXTRA COST TO THE OWNER.
7) ALL CONDUIT ROUTES SHOWN ARE APPROXIMATE ONLY. CONTRACTOR SHALL FIELD VERIFY FINAL ROUTE.
8) CONDUIT RUNS SHOWN ARE SCHEMATICAL AND DO NOT INDICATE THE NECESSARY FITTINGS AND JUNCTION BOXES THAT ARE INCLUDED IN THE SCOPE OF THE WORK.

GROUNDING:

9) ALL METAL RACEWAYS, INCLUDING CONDUIT, WIRE TROUGHS, WIREMOLD, ETC., SHALL BE GROUNDED. ALL CONNECTIONS IN METAL RACEWAYS SHALL BE COMPLETED IN SUCH A MANNER AS TO MAINTAIN A CONTINUOUS PATH TO GROUND THROUGHOUT THE ENTIRE LENGTH OF THE RACEWAY.

WIRING:

10) UNLESS NOTED OTHERWISE ON THE DRAWINGS OR ON THE EQUIPMENT WIRING SCHEDULE, EACH BRANCH CIRCUIT SHALL BE THREE (3) #12 AWG THHN/THWN (1 HOT, 1 NEUTRAL & 1 EQUIPMENT GROUND) IN 3/4" EMT CONDUIT. PROTECT EACH CIRCUIT WITH A 20 AMPERE, 1-POLE OVERCURRENT DEVICE UNLESS OTHERWISE NOTED. PROVIDE #10 AWG FOR 120V BRANCH CIRCUITS LONGER THAN 100 FEET. COMBINED NEUTRALS ARE NOT PERMITTED.

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CHKED: CG, -, JP

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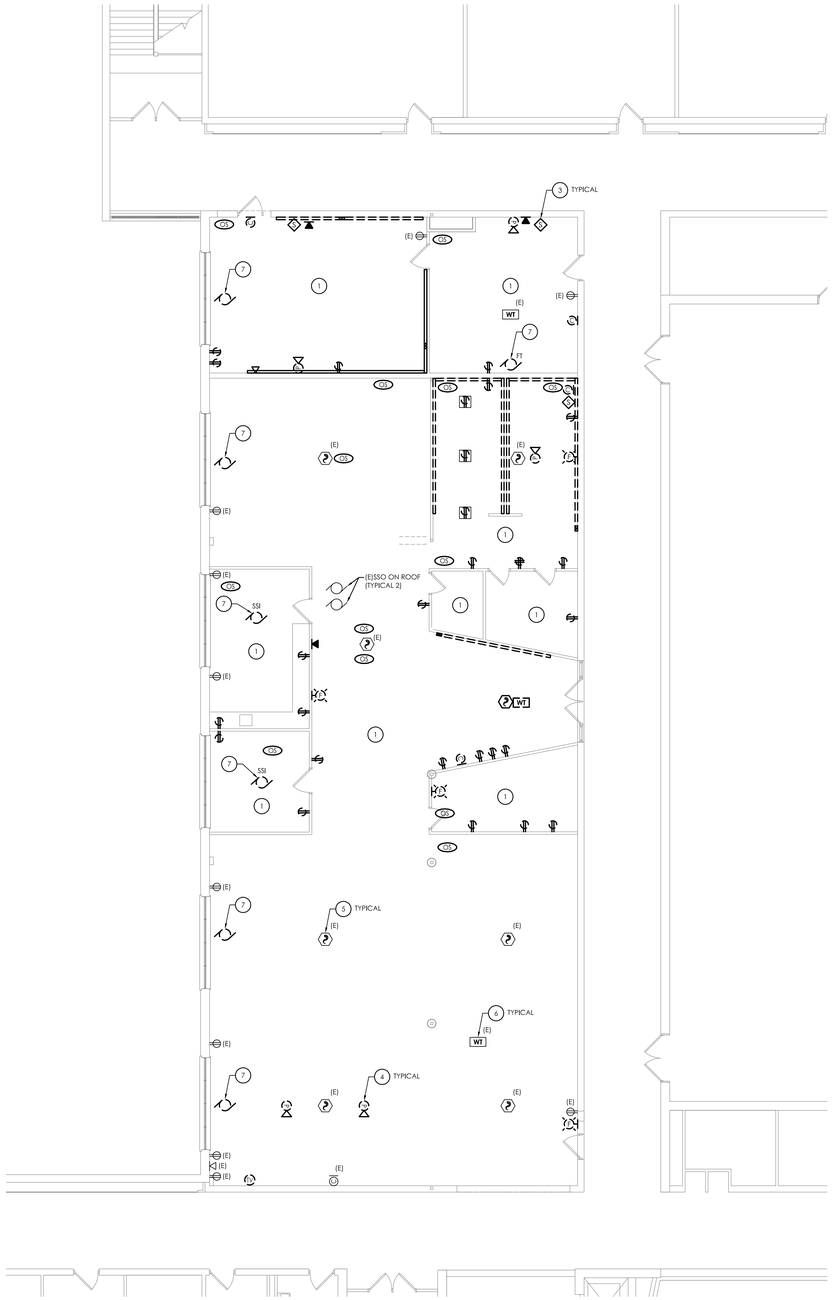
SHEET TITLE
ELECTRICAL LEGEND & NOTES

PROJECT NUMBER 70019.00

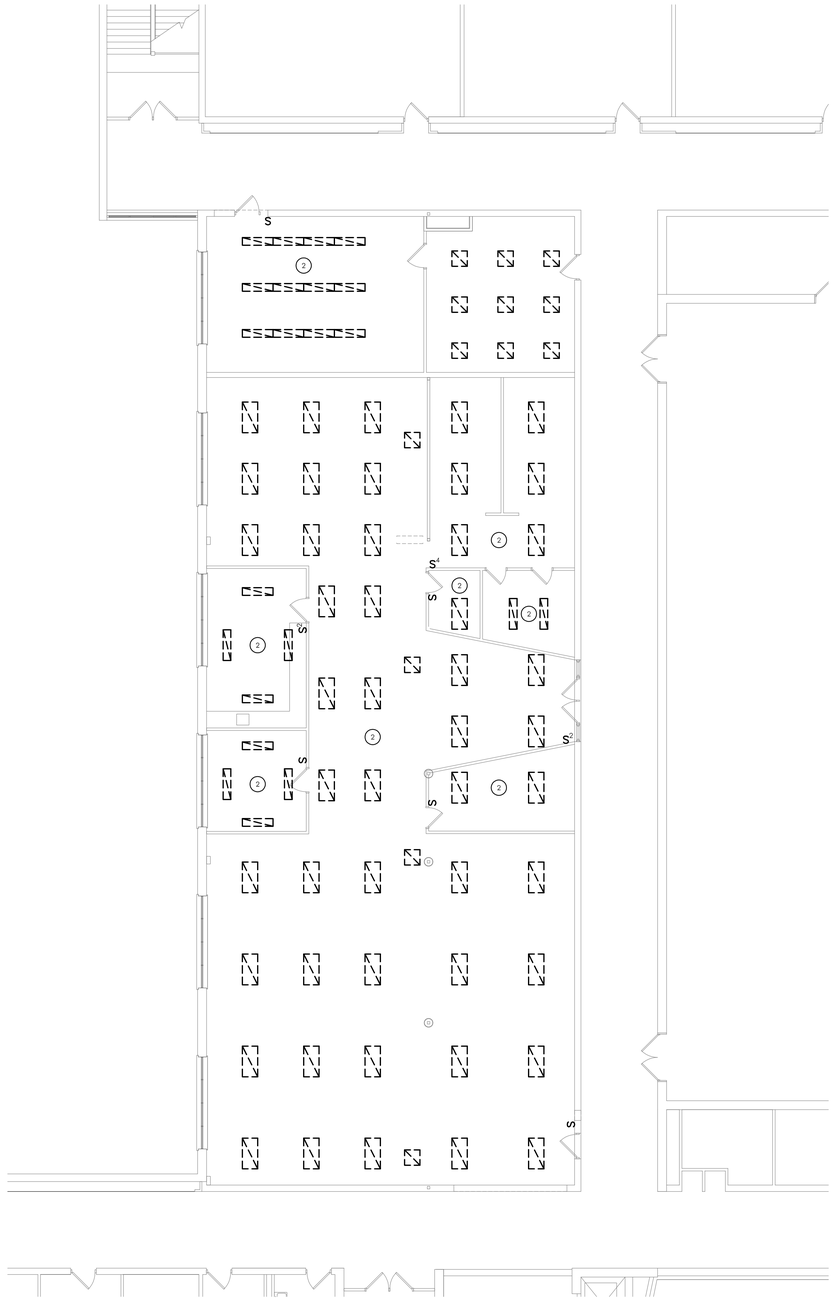
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Drawing Name: S:\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\ELEC\ED\GEN-E000.dwg



1 E101 **LIBRARY DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"



2 E101 **LIBRARY LIGHTING DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. ALL ITEMS SHOWN ARE TO BE REMOVED UNLESS LABELED AS (E) EXISTING TO REMAIN. ANY DEVICE, AS WELL AS ITS ASSOCIATED CIRCUITING, AND CONDUIT, LABELED "(E)" SHALL REMAIN, UNLESS OTHERWISE NOTED.

B. INFORMATION ON DRAWINGS WAS OBTAINED THROUGH FIELD OBSERVATION AND AS-BUILT DOCUMENTATION. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ANY DEVICES AND CABLING THAT MAY NOT BE SHOWN ON DRAWING AT NO ADDITIONAL COST TO OWNER.

C. DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF APPROXIMATE EQUIPMENT AND DEVICE LOCATIONS. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EXTENT OF ELECTRICAL WORK REQUIRED TO COMPLETE THE PROJECT. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATION AND EXISTING BUILDING DOCUMENTS. OTHER ELECTRICAL ITEMS MAY EXIST FOR WHICH THE CONTRACTOR IS RESPONSIBLE AT NO ADDITIONAL COST.

D. THE CONTRACTOR SHALL REMOVE THE EXISTING ELECTRIC IN AREAS OF NEW RENOVATIONS TO ACCOMMODATE NEW CONSTRUCTION. REROUTING OF EXISTING MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR INTERFERENCE WITH OTHER NEW WORK AS NOTED IN THE FOLLOWING NOTES.

E. DRAWINGS INDICATE SPECIFIC ITEMS TO BE REMOVED AND/OR RELOCATED IN ORDER TO INDICATE GENERAL SCOPE. ADDITIONAL ITEMS NOT INDICATED, BUT NECESSARY FOR PROJECT RENOVATIONS, SHALL BE REMOVED, RELOCATED AND/OR REROUTED AS REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION.

F. COORDINATE DEMOLITION OF EQUIPMENT, DEVICES, ETC. WITH OTHER DISCIPLINES AS APPLICABLE. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS AND NOTES FOR COORDINATION.

G. ALL ITEMS (DEVICES, FIXTURES, ETC.,) SHOWN ARE TO BE REMOVED UNLESS LABELED AS EXISTING TO REMAIN - (E). THESE ITEMS AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE CONTROL PANEL/PANELBOARD UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING, TO FEED THROUGH TO THESE REMAINING ITEMS. RELOCATE ANY CIRCUITS THAT REMAIN, TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

H. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ITEMS AND/OR EQUIPMENT BEING REMOVED AS PART OF THE PROJECT. THE OWNER SHALL HAVE THE RIGHT OF RETAINING ANY ITEMS BEING REMOVED.

I. CONTRACTOR SHALL PROVIDE NEW COVERPLATES ON ALL UNUSED FLUSH MOUNT DEVICE BOXES UPON COMPLETION OF PROJECT.

J. FIREPROOFING AND/OR FIRE STOP MATERIALS REMOVED FROM FIRE RATED WALLS AND CEILINGS AS A RESULT OF DEMOLITION SHALL BE RE-INSTALLED USING AN APPROVED METHOD AS DESCRIBED IN ASSOCIATED PROJECT SPECIFICATIONS.

KEY NOTES:

1N DISCONNECT AND REMOVE ALL RECEPTACLES AS NOTED. PULL ALL WIRING BACK TO AN AREA ABOVE CEILING AND TAG FOR RE-USE.

2N DISCONNECT AND REMOVE ALL LIGHT FIXTURES AND SWITCHING. PULL ALL WIRING BACK TO AN AREA ABOVE CEILING AND TAG FOR RE-USE.

3N DISCONNECT AND REMOVE EXISTING SPEAKERS. TURN OVER TO OWNER. PULL WIRING BACK TO AN AREA ABOVE CEILING AND TAG FOR RE-USE.

4N DISCONNECT AND REMOVE PROJECTORS. TURN OVER TO OWNER. REMOVE ALL WIRING ASSOCIATED WITH PROJECTOR.

5N REMOVE EXISTING SMOKE DETECTORS AND STORE FOR RE-USE. PULL CABLING BACK TO AN AREA ABOVE DROP CEILING AND TAG FOR RE-USE.

6N REMOVE WIRELESS ACCESS POINT AND STORE FOR RE-USE. PULL CABLING BACK TO AN AREA ABOVE DROP CEILING AND TAG FOR RE-USE.

7N DISCONNECT ALL CONDUIT AND WIRING TO MECHANICAL EQUIPMENT AND REMOVE BACK TO SOURCE. LABEL ASSOCIATED CIRCUIT BREAKERS AS SPARE.

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ARCHITECTURE + ENGINEERING + PLANNING
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SOMERS, NEW YORK 10589
TEL (914) 276-0777
FAX (914) 276-0779

REVISIONS				
NO.	DATE	BY	CHKED	DESCRIPTION

ENVIRONMENTAL CONSULTANT
ADELAIDE ENVIRONMENTAL HEALTH ASSOCIATES INC.
1511 ROUTE 22, SUITE C24
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KEY PLAN

CARMEL CENTRAL SCHOOL DISTRICT
GEORGE FISCHER MIDDLE SCHOOL
LIBRARY RENOVATION
281 FAIR STREET
CARMEL
NY, 10512
SED# 48.01.02.06.0.008.017

DATE	DRAWN	CHECKED
9/9/2020	NRH	JJM

SCALE AS NOTED

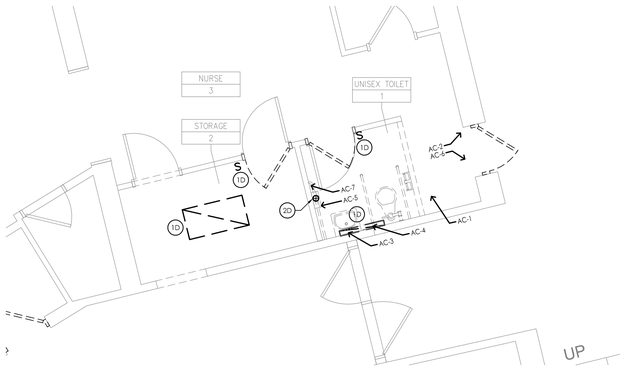
SHEET TITLE
ELECTRICAL DEMOLITION PLANS

PROJECT NUMBER
70019.00

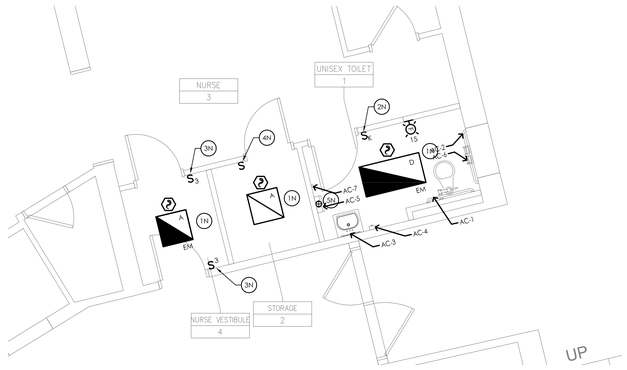
GF
E101
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\ELEC\E1\GF Lib\GF-E101.dwg Date last accessed: 3/26/2021 8:14 AM Plotted By: Jeffery Teeter Date last plotted: 3/26/2021 8:38 AM



1 E201 **FIRST FLOOR ELECTRICAL DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



2 E201 **FIRST FLOOR ELECTRICAL NEW WORK PLAN**
SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES:

A. ALL ITEMS SHOWN ARE TO BE REMOVED UNLESS LABELED AS (E) EXISTING TO REMAIN. ANY DEVICE, AS WELL AS ITS ASSOCIATED CIRCUITING, AND CONDUIT, LABELED "(E)" SHALL REMAIN, UNLESS OTHERWISE NOTED.

B. INFORMATION ON DRAWINGS WAS OBTAINED THROUGH FIELD OBSERVATION AND AS-BUILT DOCUMENTATION. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ANY DEVICES AND CABLING THAT MAY NOT BE SHOWN ON DRAWING AT NO ADDITIONAL COST TO OWNER.

C. DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF APPROXIMATE EQUIPMENT AND DEVICE LOCATIONS. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EXTENT OF ELECTRICAL WORK REQUIRED TO COMPLETE THE PROJECT. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATION AND EXISTING BUILDING DOCUMENTS. OTHER ELECTRICAL ITEMS MAY EXIST FOR WHICH THE CONTRACTOR IS RESPONSIBLE AT NO ADDITIONAL COST.

D. THE CONTRACTOR SHALL REMOVE THE EXISTING ELECTRIC IN AREAS OF NEW RENOVATIONS TO ACCOMMODATE NEW CONSTRUCTION. REROUTING OF EXISTING MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR INTERFERENCE WITH OTHER NEW WORK AS NOTED IN THE FOLLOWING NOTES.

E. DRAWINGS INDICATE SPECIFIC ITEMS TO BE REMOVED AND/OR RELOCATED IN ORDER TO INDICATE GENERAL SCOPE. ADDITIONAL ITEMS NOT INDICATED, BUT NECESSARY FOR PROJECT RENOVATIONS, SHALL BE REMOVED, RELOCATED AND/OR REROUTED. THE CONTRACTOR SHALL ASSUME WITHIN THE BASE BID A NOMINAL AMOUNT OF BRANCH CIRCUITS, FIXTURES, DEVICES, AND SYSTEMS WIRING WITHIN WALLS OR OPENINGS TO BE REMOVED OR RELOCATED AS REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION.

F. COORDINATE DEMOLITION OF EQUIPMENT, DEVICES, ETC., WITH OTHER DISCIPLINES AS APPLICABLE. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS AND NOTES FOR COORDINATION.

G. ALL ITEMS (DEVICES, FIXTURES, ETC.,) SHOWN ARE TO BE REMOVED UNLESS LABELED AS EXISTING TO REMAIN - (E). THESE ITEMS AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE CONTROL PANEL/PANELBOARD UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING, TO FEED THROUGH TO THESE REMAINING ITEMS. RELOCATE ANY CIRCUITS THAT REMAIN, TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

H. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ITEMS AND/OR EQUIPMENT BEING REMOVED AS PART OF THE PROJECT. THE OWNER SHALL HAVE THE RIGHT OF RETAINING ANY ITEMS BEING REMOVED.

I. CONTRACTOR SHALL PROVIDE NEW COVERPLATES ON ALL UNUSED FLUSH MOUNT DEVICE BOXES UPON COMPLETION OF PROJECT.

J. FIREPROOFING AND/OR FIRE STOP MATERIALS REMOVED FROM FIRE RATED WALLS AND CEILINGS AS A RESULT OF DEMOLITION SHALL BE RE-INSTALLED USING AN APPROVED METHOD AS DESCRIBED IN ASSOCIATED PROJECT SPECIFICATIONS.

GENERAL NEW WORK NOTES:

A. FIXTURE MARK INDICATED ADJACENT TO NEW LIGHT FIXTURE, REFER TO LUMINAIRE SCHEDULE ON SHEET GEN-E900 FOR FIXTURE DESCRIPTION, NOTES AND SPECIFICATIONS.

DEMOLITION KEY NOTES:

(1D) DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES AND SWITCHING, TAG CIRCUITRY FOR RE-USE.

(2D) DISCONNECT AND PULL BACK CONDUIT AND WIRING TO HAND DRYER TO AN AREA OUTSIDE OF DEMOLITION. TAG FOR RE-USE.

NEW WORK KEY NOTES:

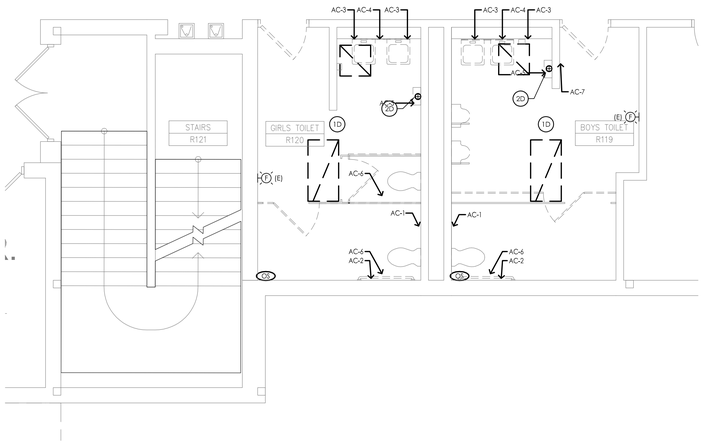
(1N) CONNECT NEW LIGHT FIXTURES TO EXISTING CIRCUITRY TAGGED FOR RE-USE. REWORK/EXTEND EXISTING CIRCUITRY AS NECESSARY TO ACCOMMODATE NEW FIXTURE LOCATIONS. PROVIDE (2) #12, (1) #12 GND IN 3/4" CONDUIT BETWEEN FIXTURES AS NECESSARY.

(2N) PROVIDE KEYED SWITCHES. CONNECT TO EXISTING CIRCUITRY TAGGED FOR RE-USE. REWORK/EXTEND EXISTING CIRCUITRY AS NECESSARY.

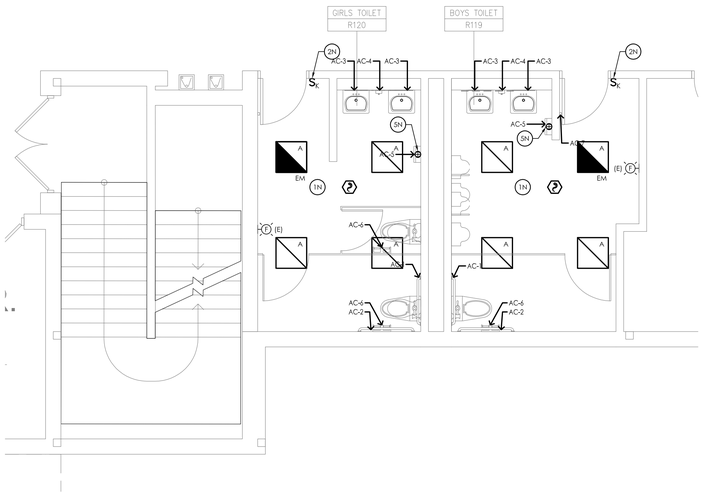
(3N) PROVIDE NEW SWITCHING AS INDICATED. PROVIDE (2) #12, (1) #12 GND IN 3/4" CONDUIT FROM SWITCHING TO FIXTURE.

(4N) PROVIDE NEW SWITCH IN EXISTING SWITCH BOX. CONNECT TO EXISTING TAGGED CIRCUITRY.

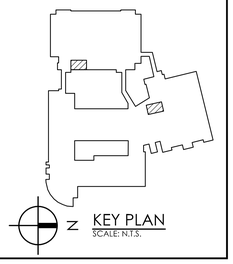
(5N) RECONNECT HAND DRYERS TO EXISTING TAGGED CIRCUITRY. REWORK/EXTEND CIRCUITRY AS NECESSARY TO ACCOMMODATE RE-LOCATION.



3 E201 **BASEMENT ELECTRICAL DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



4 E201 **BASEMENT ELECTRICAL NEW WORK PLAN**
SCALE: 1/4" = 1'-0"



KEY PLAN
SCALE: N.T.S.

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REVISIONS NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
1	01/07/2021	-	-	ADDENDUM #1
2	03/29/2021	JG	JP	ISSUED FOR BID

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CARMEL CENTRAL SCHOOL DISTRICT
81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563

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MATTHER PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	MAY	JBT

SCALE AS SHOWN

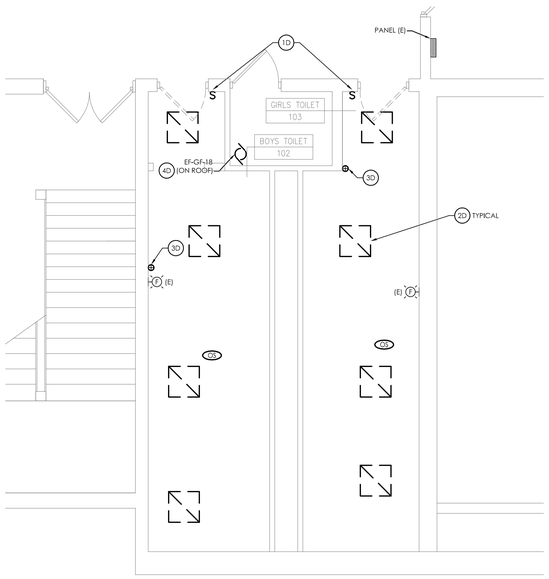
SHEET TITLE
BASEMENT AND FIRST FLOOR ELECTRICAL DEMOLITION AND NEW WORK PLANS

PROJECT NUMBER
70019.00

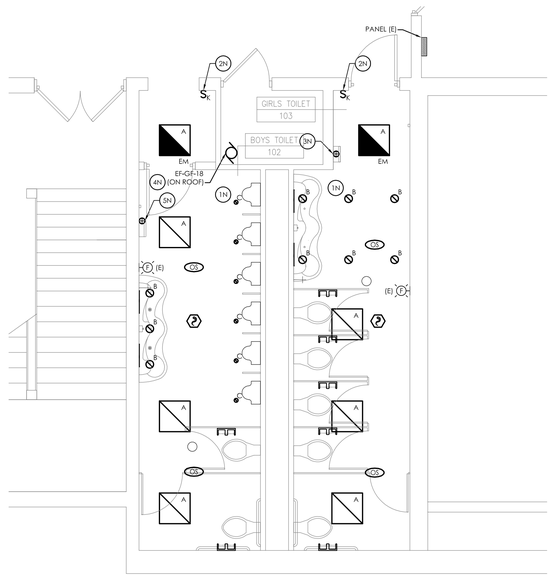
HS
E201
DRAWING NUMBER

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Drawing Name: S:\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\ELEC\E2\HS-E201.dwg Date last accessed: 3/26/2021 8:15 AM Date last plotted: 3/26/2021 8:41 AM Plotted By: Jeffery Teeter



1 E201 **BASEMENT ELECTRICAL DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



2 E201 **BASEMENT ELECTRICAL NEW WORK PLAN**
SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES:

A. ALL ITEMS SHOWN ARE TO BE REMOVED UNLESS LABELED AS (E) EXISTING TO REMAIN. ANY DEVICE, AS WELL AS ITS ASSOCIATED CIRCUITING, AND CONDUIT, LABELED "(E)" SHALL REMAIN, UNLESS OTHERWISE NOTED.

B. INFORMATION ON DRAWINGS WAS OBTAINED THROUGH FIELD OBSERVATION AND AS-BUILT DOCUMENTATION. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ANY DEVICES AND CABLING THAT MAY NOT BE SHOWN ON DRAWING AT NO ADDITIONAL COST TO OWNER.

C. DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF APPROXIMATE EQUIPMENT AND DEVICE LOCATIONS. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EXTENT OF ELECTRICAL WORK REQUIRED TO COMPLETE THE PROJECT. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATION AND EXISTING BUILDING DOCUMENTS. OTHER ELECTRICAL ITEMS MAY EXIST FOR WHICH THE CONTRACTOR IS RESPONSIBLE AT NO ADDITIONAL COST.

D. THE CONTRACTOR SHALL REMOVE THE EXISTING ELECTRIC IN AREAS OF NEW RENOVATIONS TO ACCOMMODATE NEW CONSTRUCTION. REROUTING OF EXISTING MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR INTERFERENCE WITH OTHER NEW WORK AS NOTED IN THE FOLLOWING NOTES.

E. DRAWINGS INDICATE SPECIFIC ITEMS TO BE REMOVED AND/OR RELOCATED IN ORDER TO INDICATE GENERAL SCOPE. ADDITIONAL ITEMS NOT INDICATED, BUT NECESSARY FOR PROJECT RENOVATIONS, SHALL BE REMOVED, RELOCATED AND/OR REROUTED. THE CONTRACTOR SHALL ASSUME WITHIN THE BASE BID A NOMINAL AMOUNT OF BRANCH CIRCUITS, FIXTURES, DEVICES, AND SYSTEMS WIRING WITHIN WALLS OR OPENINGS TO BE REMOVED OR RELOCATED AS REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION.

F. COORDINATE DEMOLITION OF EQUIPMENT, DEVICES, ETC., WITH OTHER DISCIPLINES AS APPLICABLE. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS AND NOTES FOR COORDINATION.

G. ALL ITEMS (DEVICES, FIXTURES, ETC.) SHOWN ARE TO BE REMOVED UNLESS LABELED AS EXISTING TO REMAIN - (E). THESE ITEMS AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE CONTROL PANEL/PANELBOARD UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING, TO FEED THROUGH TO THESE REMAINING ITEMS. RELOCATE ANY CIRCUITS THAT REMAIN, TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

H. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ITEMS AND/OR EQUIPMENT BEING REMOVED AS PART OF THE PROJECT. THE OWNER SHALL HAVE THE RIGHT OF RETAINING ANY ITEMS BEING REMOVED.

I. CONTRACTOR SHALL PROVIDE NEW COVERPLATES ON ALL UNUSED FLUSH MOUNT DEVICE BOXES UPON COMPLETION OF PROJECT.

J. FIREPROOFING AND/OR FIRE STOP MATERIALS REMOVED FROM FIRE RATED WALLS AND CEILINGS AS A RESULT OF DEMOLITION SHALL BE RE-INSTALLED USING AN APPROVED METHOD AS DESCRIBED IN ASSOCIATED PROJECT SPECIFICATIONS.

GENERAL NEW WORK NOTES:

A. FIXTURE MARK INDICATED ADJACENT TO NEW LIGHT FIXTURE. REFER TO LUMINAIRE SCHEDULE ON SHEET GEN-E900 FOR FIXTURE DESCRIPTION, NOTES AND SPECIFICATIONS.

DEMOLITION KEY NOTES:

1D DISCONNECT AND REMOVE EXISTING SWITCHES, BACK BOX, CONDUIT, AND WIRING TO REMAIN FOR RE-USE.

2D DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES. WIRING TO REMAIN FOR RE-USE.

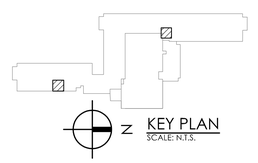
3D DISCONNECT AND PULL BACK CONDUIT AND WIRING TO HAND DRYER TO AN AREA OUTSIDE OF DEMOLITION. TAG FOR RE-USE.

NEW WORK KEY NOTES:

1N CONNECT NEW LIGHT FIXTURES TO EXISTING CIRCUITRY TAGGED FOR RE-USE. REWORK/EXTEND EXISTING CIRCUITRY AS NECESSARY TO ACCOMMODATE NEW FIXTURE LOCATIONS. PROVIDE (2) #12, (1) #12 GND IN 3/4" CONDUIT BETWEEN FIXTURES AS NECESSARY.

2N PROVIDE KEYED SWITCHES. CONNECT TO EXISTING CIRCUITRY TAGGED FOR RE-USE. REWORK/EXTEND EXISTING CIRCUITRY AS NECESSARY.

3N RECONNECT HAND DRYERS TO EXISTING TAGGED CIRCUITRY. REWORK/EXTEND CIRCUITRY AS NECESSARY TO ACCOMMODATE RE-LOCATION.



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REVISIONS

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DATE	DRAWN	CHECKED
11/30/2020	MAY	JBT

SCALE AS SHOWN

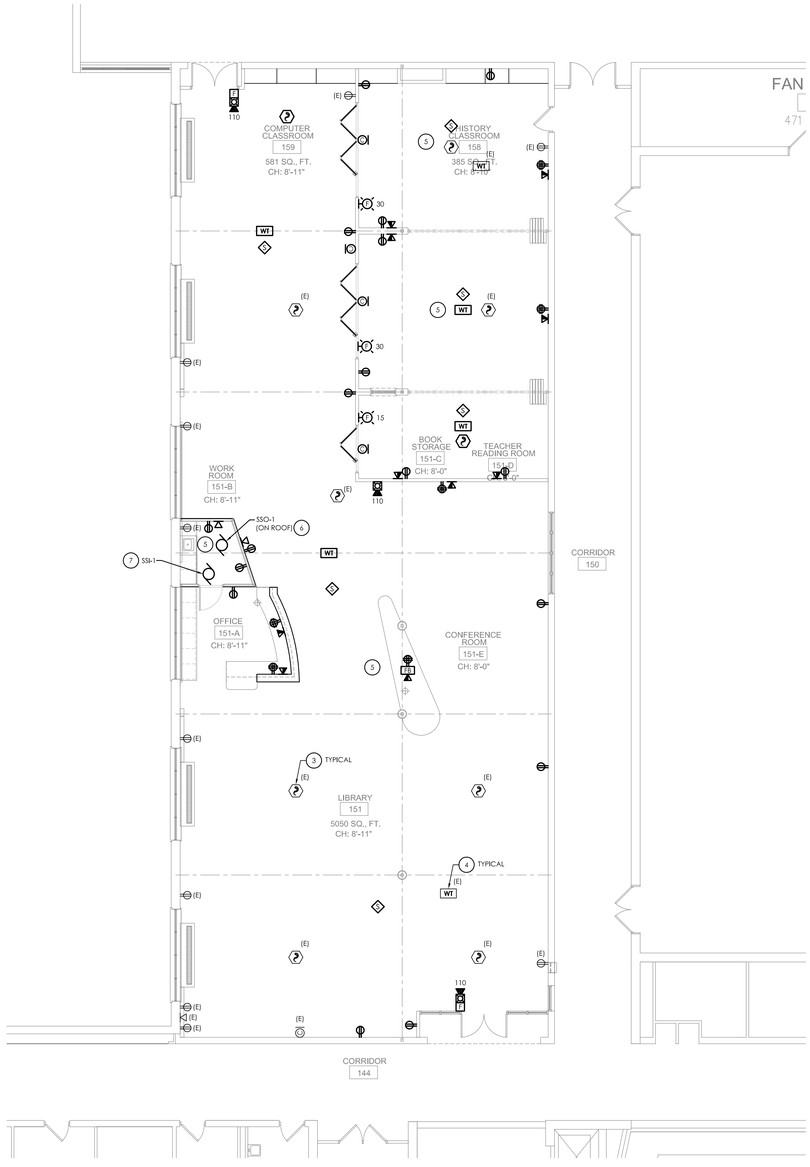
SHEET TITLE
BASEMENT AND FIRST FLOOR ELECTRICAL DEMOLITION AND NEW WORK PLANS

PROJECT NUMBER
70019.00

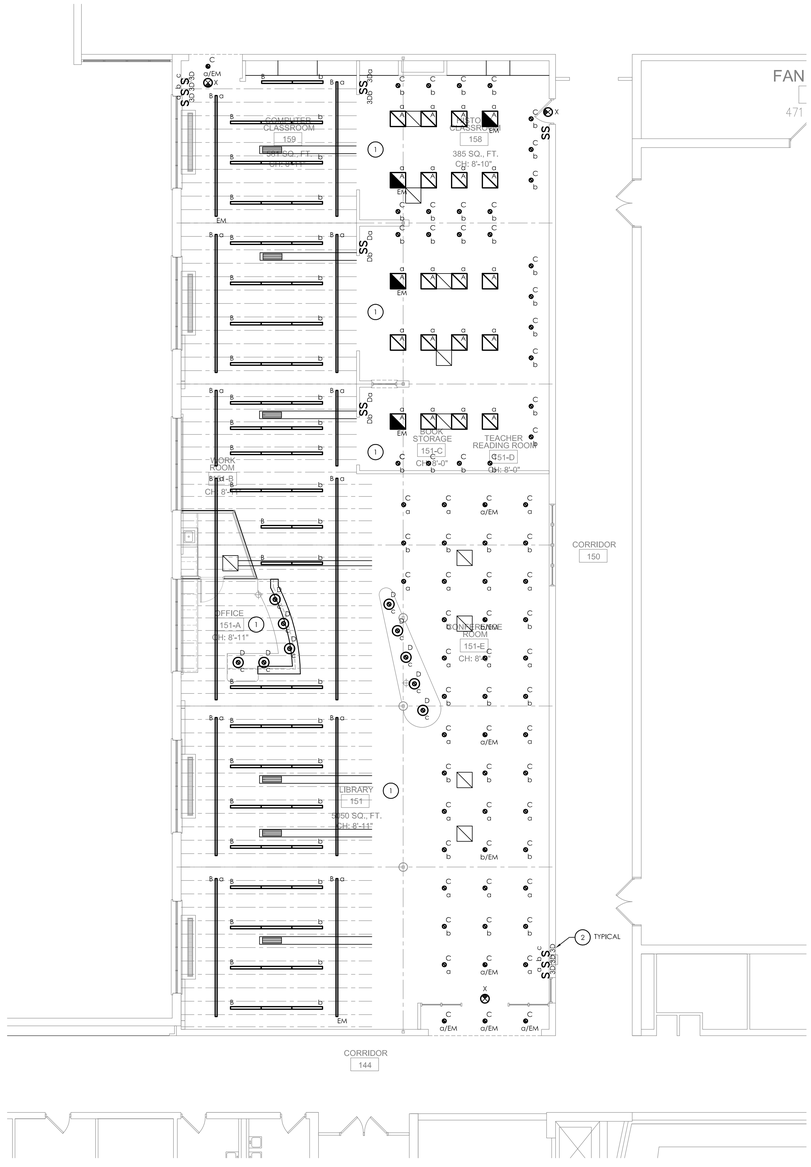
GF
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DRAWING NUMBER

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Drawing Name: S:\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\ELEC\E2\GF-E201.dwg
Date last accessed: 3/26/2021 9:16 AM
Date last plotted: 3/26/2021 9:16 AM
Plotted By: Jeffery Teeter



1 E201 **LIBRARY NEW WORK PLAN**
SCALE: 1/8" = 1'-0"



2 E201 **LIBRARY LIGHTING PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. ALL ITEMS SHOWN ARE TO BE REMOVED UNLESS LABELED AS (E) EXISTING TO REMAIN. ANY DEVICE, AS WELL AS ITS ASSOCIATED CIRCUITING, AND CONDUIT, LABELED "(E)" SHALL REMAIN, UNLESS OTHERWISE NOTED.

B. INFORMATION ON DRAWINGS WAS OBTAINED THROUGH FIELD OBSERVATION AND AS-BUILT DOCUMENTATION. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ANY DEVICES AND CABLING THAT MAY NOT BE SHOWN ON DRAWING AT NO ADDITIONAL COST TO OWNER.

C. DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF APPROXIMATE EQUIPMENT AND DEVICE LOCATIONS. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EXTENT OF ELECTRICAL WORK REQUIRED TO COMPLETE THE PROJECT. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATION AND EXISTING BUILDING DOCUMENTS. OTHER ELECTRICAL ITEMS MAY EXIST FOR WHICH THE CONTRACTOR IS RESPONSIBLE AT NO ADDITIONAL COST.

D. THE CONTRACTOR SHALL REMOVE THE EXISTING ELECTRIC IN AREAS OF NEW RENOVATIONS TO ACCOMMODATE NEW CONSTRUCTION. REROUTING OF EXISTING MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR INTERFERENCE WITH OTHER NEW WORK AS NOTED IN THE FOLLOWING NOTES.

E. DRAWINGS INDICATE SPECIFIC ITEMS TO BE REMOVED AND/OR RELOCATED IN ORDER TO INDICATE GENERAL SCOPE. ADDITIONAL ITEMS NOT INDICATED, BUT NECESSARY FOR PROJECT RENOVATIONS, SHALL BE REMOVED, RELOCATED AND/OR REROUTED AS REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION.

F. COORDINATE DEMOLITION OF EQUIPMENT, DEVICES, ETC. WITH OTHER DISCIPLINES AS APPLICABLE. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS AND NOTES FOR COORDINATION.

G. ALL ITEMS (DEVICES, FIXTURES, ETC.,) SHOWN ARE TO BE REMOVED UNLESS LABELED AS EXISTING TO REMAIN - (E). THESE ITEMS AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE CONTROL PANEL/PANELBOARD UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING, TO FEED THROUGH TO THESE REMAINING ITEMS. RELOCATE ANY CIRCUITS THAT REMAIN, TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

H. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ITEMS AND/OR EQUIPMENT BEING REMOVED AS PART OF THE PROJECT. THE OWNER SHALL HAVE THE RIGHT OF RETAINING ANY ITEMS BEING REMOVED.

I. CONTRACTOR SHALL PROVIDE NEW COVERPLATES ON ALL UNUSED FLUSH MOUNT DEVICE BOXES UPON COMPLETION OF PROJECT.

J. FIREPROOFING AND/OR FIRE STOP MATERIALS REMOVED FROM FIRE RATED WALLS AND CEILINGS AS A RESULT OF DEMOLITION SHALL BE RE-INSTALLED USING AN APPROVED METHOD AS DESCRIBED IN ASSOCIATED PROJECT SPECIFICATIONS.

KEY NOTES:

1. CONNECT LIGHT FIXTURES TO EXISTING CIRCUITRY TAGGED FOR RE-USE. REWORK/EXTEND CIRCUITRY AS NECESSARY TO ACCOMMODATE NEW LIGHTING LAYOUT.

2. PROVIDE NEW SWITCHING AS INDICATED. PROVIDE LOW-VOLTAGE WIRING FROM SWITCHES TO FIXTURES AS INDICATED BY SWITCHING PATTERNS DESIGNATED BY LOWERCASE LETTERS.

3. REPLACE EXISTING SMOKE DETECTORS IN LOCATIONS INDICATED. CONNECT TO EXISTING TAGGED WIRING.

4. REPLACE EXISTING WIRELESS ACCESS POINTS IN LOCATIONS SHOWN. CONNECT TO EXISTING TAGGED WIRING.

5. ALL NEW RECEPTACLES TO BE WIRED TO EXISTING TAGGED CIRCUITRY. REWORK/EXTEND EXISTING CIRCUITRY AS NECESSARY TO ACCOMMODATE NEW RECEPTACLE LOCATIONS.

6. PROVIDE (2) #12, (1) #12 GND IN 3/4" CONDUIT FROM SSO UNIT ON ROOF TO PANEL FEEDING LIBRARY SPACE. PROVIDE (1) 20-AMP, 2-POLE CIRCUIT BREAKER IN PANEL TO ACCOMMODATE NEW UNIT.

7. PROVIDE (2) #12, (1) #12 GND IN 3/4" CONDUIT FROM SSI UNIT ON ROOF TO PANEL FEEDING LIBRARY SPACE. PROVIDE (1) 20-AMP, 2-POLE CIRCUIT BREAKER IN PANEL TO ACCOMMODATE NEW UNIT.

LUMINAIRE SCHEDULE

MARK	DESCRIPTION	DESIGN MAKE	MODEL #	VOLTS	LAMP			REMARKS
					QTY	WATTS	MODEL #	
A	2X2 LED RECESSED TROFFER	HUBBELL LIGHTING	50L-G-D-24-SOF-C1-35K9-D400-D01-UNV	UNV	-	34	3500K	1
A/EM	2X2 LED RECESSED TROFFER WITH EMERGENCY BATTERY BACKUP	HUBBELL LIGHTING	50L-G-D-24-SOF-C1-35K9-D400-D01-UNV-EF	UNV	-	34	3500K	1,3,4
B	4" WIDE LED DIRECT/INDIRECT PENDANT	HUBBELL LIGHTING	4L-P-ED-STD-XX-08-SOF-C1-35K9-I050-D075-D01-1-UNV-FA1-W2	UNV	-	9W/FT	3500K	1,2
B/EM	4" WIDE LED DIRECT/INDIRECT PENDANT WITH EMERGENCY BATTERY BACKUP	HUBBELL LIGHTING	4L-P-ED-STD-XX-08-SOF-C1-35K9-I050-D075-D01-1-UNV-FA1-EF-W2	UNV	-	9W/FT	3500K	1,2,3,4
C	6" RECESSED LED DOWNLIGHT	HUBBELL LIGHTING	LTR-6RD-H-ML-25L-DM01-EM-LTR-6RD-T-ML-35K-9-MR-SS-WC-WT-FMR6-R	UNV	-	25	3500K	1
C/EM	6" RECESSED LED DOWNLIGHT WITH EMERGENCY BATTERY BACKUP	HUBBELL LIGHTING	LTR-6RD-H-ML-25L-DM01-LTR-6RD-T-ML-35K-9-MR-SS-WC-WT-FMR6-R	UNV	-	25	3500K	1,3,4
D	20" RING LED PENDANT	HUBBELL LIGHTING	32L-CR20-P-D-C4/AC4-35K-D100-D100-D01-UNV-OC-FA6-C4	UNV	-	25	3500K	1
X	LED EXIT SIGN	HUBBELL LIGHTING	CCESR	UNV	-	1	-	1,3,4

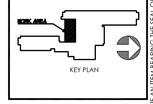
REMARKS:

1. FIXTURES TO BE CONNECTED TO EXISTING CIRCUITRY WITHIN SPACE.
2. XX NOTATION IN FIXTURE MODEL NUMBER INDICATEDS LENGTH. TOTAL LENGTH OF FIXTURE TO BE TAKEN FROM PLAN.
3. ALL FIXTURES SHOWN WITH AN "EM" DESIGNATION INDICATES EMERGENCY LIGHTING FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP FOR EACH FIXTURE INDICATED.
4. ALL EMERGENCY FIXTURES "EM" SHALL HAVE 90-MINUTE BATTERY CAPACITY AND HAVE INTEGRAL TEST SWITCH.

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REVISIONS				
NO.	DATE	BY	CHKED	DESCRIPTION

ENVIRONMENTAL CONSULTANT
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1511 ROUTE 22, SUITE C24
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KEY PLAN

CARMEL CENTRAL SCHOOL DISTRICT
GEORGE FISCHER MIDDLE SCHOOL
LIBRARY RENOVATION
281 FAIR STREET
CARMEL
NY, 10512
SED# 48.01.02.06.0.008.017

DATE	DRAWN	CHECKED
9/9/2020	NRH	JJM
SCALE	AS NOTED	

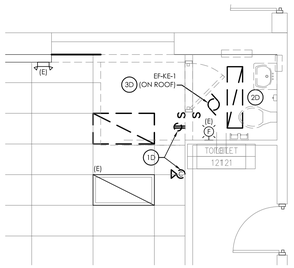
SHEET TITLE
ELECTRICAL NEW WORK AND LIGHTING PLANS

PROJECT NUMBER
70019.00

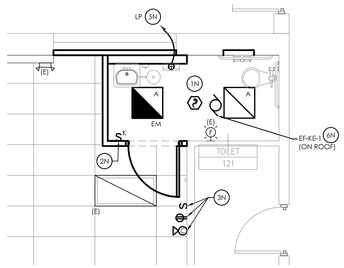
GF
E201
DRAWING NUMBER

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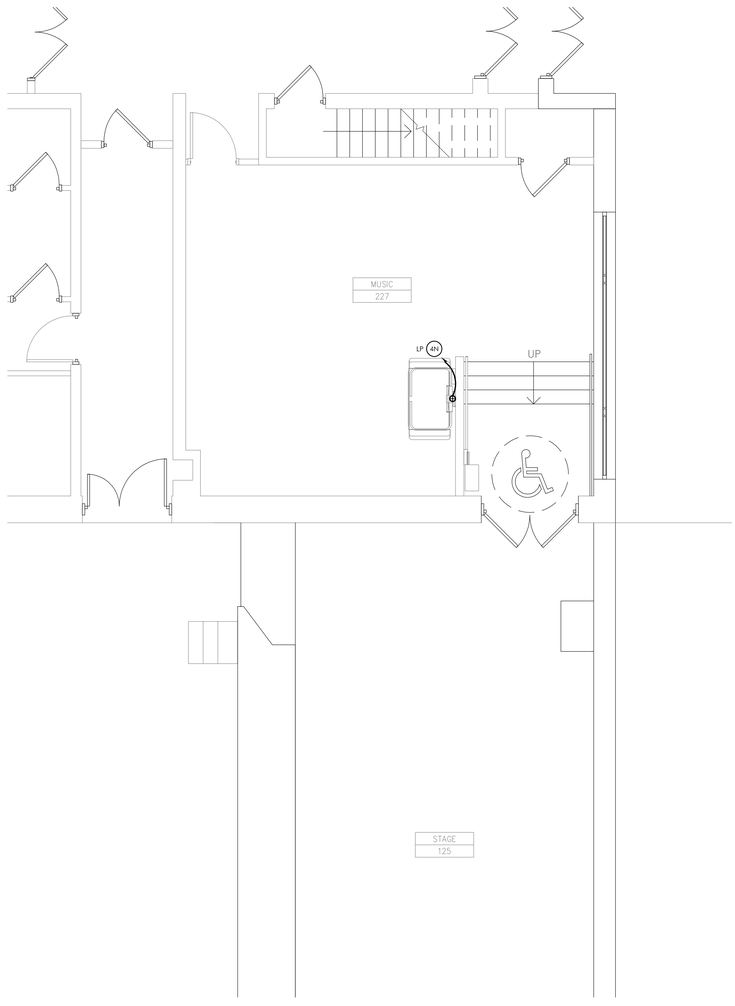
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Date last accessed: 3/26/2021 8:14 AM
Date last plotted: 3/26/2021 8:44 AM
Plotted By: Jeffery Teeter



1 E201 **ELECTRICAL DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



2 E201 **ELECTRICAL NEW WORK PLAN**
SCALE: 1/4" = 1'-0"



3 E201 **ELECTRICAL NEW WORK PLAN**
SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES:

A. ALL ITEMS SHOWN ARE TO BE REMOVED UNLESS LABELED AS (E) EXISTING TO REMAIN. ANY DEVICE, AS WELL AS ITS ASSOCIATED CIRCUITING, AND CONDUIT, LABELED "(E)" SHALL REMAIN, UNLESS OTHERWISE NOTED.

B. INFORMATION ON DRAWINGS WAS OBTAINED THROUGH FIELD OBSERVATION AND AS-BUILT DOCUMENTATION. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ANY DEVICES AND CABLING THAT MAY NOT BE SHOWN ON DRAWING AT NO ADDITIONAL COST TO OWNER.

C. DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF APPROXIMATE EQUIPMENT AND DEVICE LOCATIONS. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EXTENT OF ELECTRICAL WORK REQUIRED TO COMPLETE THE PROJECT. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATION AND EXISTING BUILDING DOCUMENTS. OTHER ELECTRICAL ITEMS MAY EXIST FOR WHICH THE CONTRACTOR IS RESPONSIBLE AT NO ADDITIONAL COST.

D. THE CONTRACTOR SHALL REMOVE THE EXISTING ELECTRIC IN AREAS OF NEW RENOVATIONS TO ACCOMMODATE NEW CONSTRUCTION. REROUTING OF EXISTING MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR INTERFERENCE WITH OTHER NEW WORK AS NOTED IN THE FOLLOWING NOTES.

E. DRAWINGS INDICATE SPECIFIC ITEMS TO BE REMOVED AND/OR RELOCATED IN ORDER TO INDICATE GENERAL SCOPE. ADDITIONAL ITEMS NOT INDICATED, BUT NECESSARY FOR PROJECT RENOVATIONS, SHALL BE REMOVED, RELOCATED AND/OR REROUTED. THE CONTRACTOR SHALL ASSUME WITHIN THE BASE BID A NOMINAL AMOUNT OF BRANCH CIRCUITS, FIXTURES, DEVICES, AND SYSTEMS WIRING WITHIN WALLS OR OPENINGS TO BE REMOVED OR RELOCATED AS REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION.

F. COORDINATE DEMOLITION OF EQUIPMENT, DEVICES, ETC., WITH OTHER DISCIPLINES AS APPLICABLE. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS AND NOTES FOR COORDINATION.

G. ALL ITEMS (DEVICES, FIXTURES, ETC.) SHOWN ARE TO BE REMOVED UNLESS LABELED AS EXISTING TO REMAIN - (E). THESE ITEMS AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE CONTROL PANEL/PANELBOARD UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING, TO FEED THROUGH TO THESE REMAINING ITEMS. RELOCATE ANY CIRCUITS THAT REMAIN, TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

H. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ITEMS AND/OR EQUIPMENT BEING REMOVED AS PART OF THE PROJECT. THE OWNER SHALL HAVE THE RIGHT OF RETAINING ANY ITEMS BEING REMOVED.

I. CONTRACTOR SHALL PROVIDE NEW COVERPLATES ON ALL UNUSED FLUSH MOUNT DEVICE BOXES UPON COMPLETION OF PROJECT.

J. FIREPROOFING AND/OR FIRE STOP MATERIALS REMOVED FROM FIRE RATED WALLS AND CEILINGS AS A RESULT OF DEMOLITION SHALL BE RE-INSTALLED USING AN APPROVED METHOD AS DESCRIBED IN ASSOCIATED PROJECT SPECIFICATIONS.

GENERAL NEW WORK NOTES:

A. FIXTURE MARK INDICATED ADJACENT TO NEW LIGHT FIXTURE. REFER TO LUMINAIRE SCHEDULE ON SHEET GEN-E900 FOR FIXTURE DESCRIPTION, NOTES AND SPECIFICATIONS.

DEMOLITION KEY NOTES:

1D EXISTING SWITCH, RECEPTACLE AND CLOCK TO BE RELOCATED. REMOVE DEVICES AND STORE. PULL ALL CONDUIT AND WIRING OUTSIDE OF DEMOLITION AND TAG FOR RE-USE.

2D DISCONNECT AND REMOVE LIGHTING AND SWITCHING. PULL WIRING BACK TO AN AREA OUTSIDE OF DEMOLITION AND TAG FOR RE-USE.

3D DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRE FROM EQUIPMENT. PULL BACK OUTSIDE OF DEMOLITION AND TAG FOR RE-USE.

NEW WORK KEY NOTES:

1N CONNECT NEW LIGHT FIXTURES TO EXISTING CIRCUITRY TAGGED FOR RE-USE. REWORK/EXTEND EXISTING CIRCUITRY AS NECESSARY TO ACCOMMODATE NEW FIXTURE LOCATIONS. PROVIDE (2) #12, (1) #12 GND IN 3/4" CONDUIT BETWEEN FIXTURES AS NECESSARY.

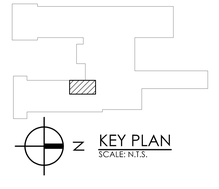
2N PROVIDE KEYED SWITCHES. CONNECT TO EXISTING CIRCUITRY TAGGED FOR RE-USE. REWORK/EXTEND EXISTING CIRCUITRY AS NECESSARY.

3N RELOCATED SWITCH AND RECEPTACLE. CONNECT TO EXISTING CIRCUITRY TAGGED FOR RE-USE. REWORK/EXTEND EXISTING CIRCUITRY AS NECESSARY TO ACCOMMODATE NEW LOCATIONS. WIRELESS CLOCK TO BE RELOCATED HERE. COORDINATE FINAL PLACEMENT WITH OWNER.

4N ALTERNATE NO. 1:
PROVIDE (2) #12, (1) #12 GND IN 3/4" CONDUIT FROM CHAIR LIFT TO PANEL CP. PROVIDE (1) 20-AMP, 2-POLE CIRCUIT BREAKER IN PANEL TO ACCOMMODATE CHAIR LIFT.

5N PROVIDE (2) #12, (1) #12 GND IN 3/4"C FROM PANEL LP TO NEW HAND DRYER LOCATION. PROVIDE 20-AMP, 1-POLE CIRCUIT BREAKER TO ACCOMMODATE HAND DRYER.

6N CONNECT NEW EQUIPMENT TO EXISTING TAGGED CIRCUITRY. REWORK/EXTEND CIRCUITRY AS NECESSARY.



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REVISIONS NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
1	01/07/2021	-	-	ADDENDUM #1
2	03/29/2021	JKS	JP	ISSUED FOR BID

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CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
MATTHER PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	MAY	JBT

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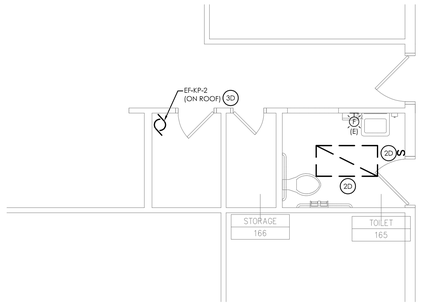
SHEET TITLE
FIRST FLOOR ELECTRICAL DEMOLITION AND NEW WORK PLANS

PROJECT NUMBER
70019.00

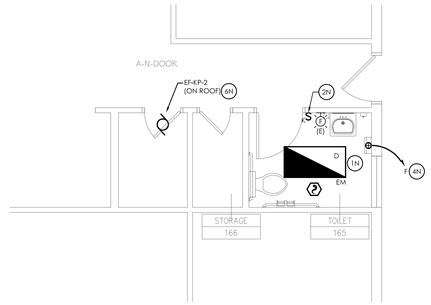
KE
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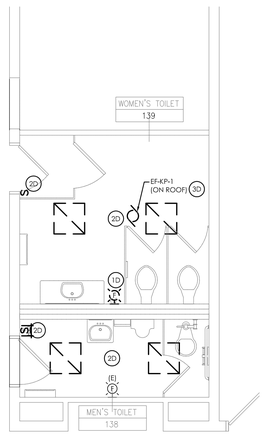
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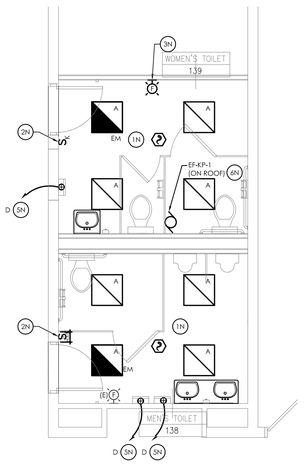
1 E201 **ELECTRICAL DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



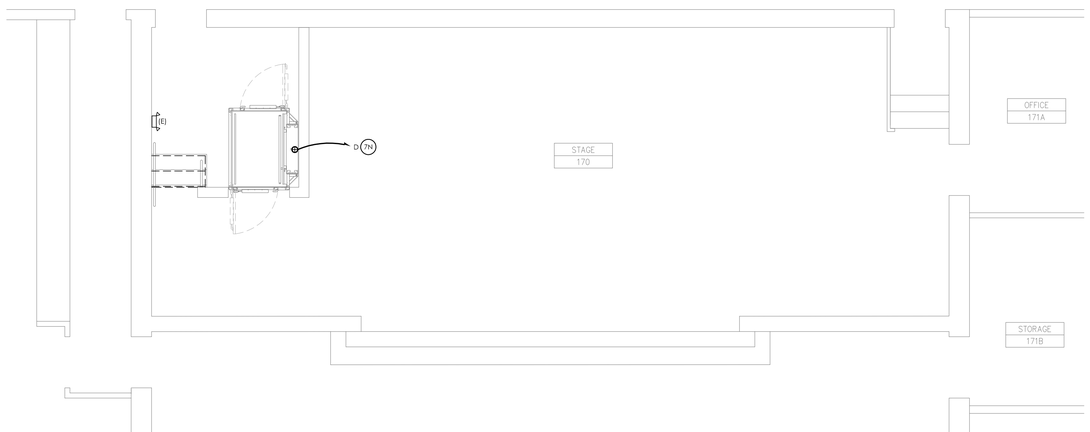
2 E201 **ELECTRICAL NEW WORK PLAN**
SCALE: 1/4" = 1'-0"



3 E201 **ELECTRICAL DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



4 E201 **ELECTRICAL NEW WORK PLAN**
SCALE: 1/4" = 1'-0"



5 E201 **ELECTRICAL NEW WORK PLAN**
SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES:

A. ALL ITEMS SHOWN ARE TO BE REMOVED UNLESS LABELED AS (E) EXISTING TO REMAIN. ANY DEVICE, AS WELL AS ITS ASSOCIATED CIRCUITING, AND CONDUIT, LABELED "(E)" SHALL REMAIN, UNLESS OTHERWISE NOTED.

B. INFORMATION ON DRAWINGS WAS OBTAINED THROUGH FIELD OBSERVATION AND AS-BUILT DOCUMENTATION. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ANY DEVICES AND CABLING THAT MAY NOT BE SHOWN ON DRAWING AT NO ADDITIONAL COST TO OWNER.

C. DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF APPROXIMATE EQUIPMENT AND DEVICE LOCATIONS. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EXTENT OF ELECTRICAL WORK REQUIRED TO COMPLETE THE PROJECT. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATION AND EXISTING BUILDING DOCUMENTS. OTHER ELECTRICAL ITEMS MAY EXIST FOR WHICH THE CONTRACTOR IS RESPONSIBLE AT NO ADDITIONAL COST.

D. THE CONTRACTOR SHALL REMOVE THE EXISTING ELECTRIC IN AREAS OF NEW RENOVATIONS TO ACCOMMODATE NEW CONSTRUCTION. REROUTING OF EXISTING MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR INTERFERENCE WITH OTHER NEW WORK AS NOTED IN THE FOLLOWING NOTES.

E. DRAWINGS INDICATE SPECIFIC ITEMS TO BE REMOVED AND/OR RELOCATED IN ORDER TO INDICATE GENERAL SCOPE. ADDITIONAL ITEMS NOT INDICATED, BUT NECESSARY FOR PROJECT RENOVATIONS, SHALL BE REMOVED, RELOCATED AND/OR REROUTED. THE CONTRACTOR SHALL ASSUME WITHIN THE BASE BID A NOMINAL AMOUNT OF BRANCH CIRCUITS, FIXTURES, DEVICES, AND SYSTEMS WIRING WITHIN WALLS OR OPENINGS TO BE REMOVED OR RELOCATED AS REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION.

F. COORDINATE DEMOLITION OF EQUIPMENT, DEVICES, ETC., WITH OTHER DISCIPLINES AS APPLICABLE. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS AND NOTES FOR COORDINATION.

G. ALL ITEMS (DEVICES, FIXTURES, ETC.,) SHOWN ARE TO BE REMOVED UNLESS LABELED AS EXISTING TO REMAIN - (E). THESE ITEMS AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE CONTROL PANEL/PANELBOARD UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING, TO FEED THROUGH TO THESE REMAINING ITEMS. RELOCATE ANY CIRCUITS THAT REMAIN, TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

H. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ITEMS AND/OR EQUIPMENT BEING REMOVED AS PART OF THE PROJECT. THE OWNER SHALL HAVE THE RIGHT OF RETAINING ANY ITEMS BEING REMOVED.

I. CONTRACTOR SHALL PROVIDE NEW COVERPLATES ON ALL UNUSED FLUSH MOUNT DEVICE BOXES UPON COMPLETION OF PROJECT.

J. FIREPROOFING AND/OR FIRE STOP MATERIALS REMOVED FROM FIRE RATED WALLS AND CEILINGS AS A RESULT OF DEMOLITION SHALL BE RE-INSTALLED USING AN APPROVED METHOD AS DESCRIBED IN ASSOCIATED PROJECT SPECIFICATIONS.

GENERAL NEW WORK NOTES:

A. FIXTURE MARK INDICATED ADJACENT TO NEW LIGHT FIXTURE. REFER TO LUMINAIRE SCHEDULE ON SHEET GEN-E900 FOR FIXTURE DESCRIPTION, NOTES AND SPECIFICATIONS.

B. AT EACH (X) SYMBOL, REFER TO DRAWING GEN-E900 FOR FURTHER INFORMATION.

DEMOLITION KEY NOTES:

1D DISCONNECT AND REMOVE STROBE DEVICE. PULL WIRING BACK TO A POINT OUTSIDE DEMOLITION AND TAG FOR RE-USE. STROBE AND WIRING TO BE RE-USED.

2D DISCONNECT AND REMOVE LIGHTING AND SWITCHING. PULL WIRING BACK TO AN AREA OUTSIDE OF DEMOLITION AND TAG FOR RE-USE.

3N DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRE FROM EQUIPMENT. PULL BACK OUTSIDE OF DEMOLITION AND TAG FOR RE-USE.

NEW WORK KEY NOTES:

1N CONNECT NEW LIGHT FIXTURES TO EXISTING CIRCUITRY TAGGED FOR RE-USE. REWORK/EXTEND EXISTING CIRCUITRY AS NECESSARY TO ACCOMMODATE NEW FIXTURE LOCATIONS. PROVIDE (2) #12, (1) #12 GND IN 3/4" CONDUIT BETWEEN FIXTURES AS NECESSARY.

2N PROVIDE KEYED SWITCHES. CONNECT TO EXISTING CIRCUITRY TAGGED FOR RE-USE. REWORK/EXTEND EXISTING CIRCUITRY AS NECESSARY.

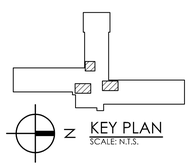
3N RELOCATED STROBE DEVICE. REWORK/EXTEND EXISTING CIRCUITRY AS NECESSARY TO ACCOMMODATE NEW LOCATIONS.

4N PROVIDE (2) #12, (1) #12 GND IN 3/4"C FROM PANEL F TO NEW HAND DRYER LOCATION. UTILIZE EXISTING SPARE CIRCUIT BREAKER NUMBER 34 TO FEED NEW HAND DRYER.

5N PROVIDE (2) #12, (1) #12 GND IN 3/4"C FROM PANEL D TO NEW HAND DRYER LOCATION. UTILIZE EXISTING SPARE CIRCUIT BREAKER NUMBER 39 TO FEED NEW HAND DRYER.

6N CONNECT NEW EQUIPMENT TO EXISTING TAGGED CIRCUITRY. REWORK/EXTEND CIRCUITRY AS NECESSARY.

7N ALTERNATE NO. 1:
PROVIDE (2) #12, (1) #12 GND IN 3/4" CONDUIT FROM PANEL D TO NEW CHAIR LIFT. PROVIDE (1) 20-AMP, 2-POLE CIRCUIT BREAKER IN PANEL TO ACCOMMODATE NEW CHAIR LIFT.



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REVISIONS

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2	03/29/2021	JG	JP	ISSUED FOR BID

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81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563

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MATTHEW PATTERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	MAY	JBT

SCALE AS SHOWN

SHEET TITLE
FIRST FLOOR ELECTRICAL DEMOLITION AND NEW WORK PLANS

PROJECT NUMBER
70019.00

KP
E201
DRAWING NUMBER

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Date last accessed: 3/26/2021 8:47 AM
Date last plotted: 3/26/2021 9:14 AM
Plotted By: Jeffery Teeter

LUMINAIRE SCHEDULE

MARK	DESCRIPTION	DESIGN MAKE	MODEL #	VOLTS	LAMP			REMARKS
					QTY	WATTS	MODEL #	
A	2X2 LED RECESSED FLAT PANEL FIXTURE	LITHONIA LIGHTING	EPANL-2X2-4000LM-80CRI-35K-MIN10-ZT-MVOLT	UNV	-	31	3500K	1,2
A/EM	2X2 LED RECESSED FLAT PANEL FIXTURE WITH EMERGENCY BATTERY BACKUP	LITHONIA LIGHTING	EPANL-2X2-4000LM-80CRI-35K-MIN10-ZT-MVOLT-E10WCP	UNV	-	31	3500K	1,2,3,4
B	6" RECESSED LED DOWNLIGHT	LITHONIA LIGHTING	LDN6-35/10-L06-AR-LSS-MVOLT-GZ10	UNV	-	10	3500K	1
C	4" RECESSED LED DOWNLIGHT	LITHONIA LIGHTING	LDN4-35/10-L04-AR-LSS-MVOLT-GZ10	UNV	-	10	3500K	1
D	2X4 LED RECESSED FLAT PANEL FIXTURE	LITHONIA LIGHTING	EPANL-2X4-4000LM-80CRI-35K-MIN10-ZT-MVOLT	UNV	-	39	3500K	1,2
D/EM	2X4 LED RECESSED FLAT PANEL FIXTURE WITH EMERGENCY BATTERY BACKUP	LITHONIA LIGHTING	EPANL-2X4-4000LM-80CRI-35K-MIN10-ZT-MVOLT	UNV	-	39	3500K	1,2,3,4

REMARKS:

1. FIXTURES TO BE CONNECTED TO EXISTING CIRCUITRY WITHIN SPACE.
2. FIXTURES TO BE MOUNTED RECESSED IN GRID OR GYP CEILING. PROVIDE FIXTURE WITH DRYWALL GRID ADAPTER IN GYP CEILING APPLICATIONS.
3. ALL FIXTURES SHOWN WITH AN "EM" DESIGNATION INDICATES EMERGENCY LIGHTING FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP FOR EACH FIXTURE INDICATED.
4. ALL EMERGENCY FIXTURES "EM" SHALL HAVE 90-MINUTE BATTERY CAPACITY AND HAVE INTEGRAL TEST SWITCH.

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REVISIONS				
NO.	DATE	BY	CHKED	DESCRIPTION
1	11/30/2020	LJ	CG	SED 100% CONSTRUCTION DOCUMENTS SUBMISSION
1	01/07/2021	-	-	ADDENDUM #1
2	03/29/2021	JVS	JP	ISSUED FOR BID

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CARMEL CENTRAL SCHOOL DISTRICT

81 SOUTH STREET, P.O. BOX 296, PATTERSON, NEW YORK 12563

CARMEL HIGH SCHOOL SED#: 48.01.02.06.0.003.022
GEORGE FISCHER MIDDLE SCHOOL SED#: 48.01.02.06.0.008.018
MATTHER PATERSON SCHOOL SED#: 48.01.02.06.0.010.013
KENT ELEMENTARY SCHOOL SED#: 48.01.02.06.0.001.017
KENT PRIMARY SCHOOL SED#: 48.01.02.06.0.004.016

DATE	DRAWN	CHECKED
11/30/2020	MAY	JBT

SCALE AS SHOWN

SHEET TITLE
ELECTRICAL
SCHEDULES

PROJECT NUMBER
70019.00

GEN
E900
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Carmel CSD\2019 Bond Interior Alts\D Design\06 CAD\AutoCAD\ELEC\E9\GEN-E900.dwg Date last accessed: 3/26/2021 8:29 AM Plotted By: Jeffery Teeter
Date last plotted: 3/26/2021 8:45 AM