

WEBUTUCK CENTRAL SCHOOL DISTRICT

OPEN DOOR SBHC/ SCHOOL HEALTH OFFICE WEBUTUCK MIDDLE/HIGH SCHOOL

194 HAIGHT ROAD, AMENIA, NY 12501

SED # 13-11-01-04-0-002-020



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50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000
FAX (845) 567-9614

REVISIONS NO.	DATE	BY	DESCRIPTION

OWNER:

WEBUTUCK CENTRAL SCHOOL DISTRICT

194 HAIGHT ROAD, AMENIA, NY 12501
PHONE: (845) 373-4100

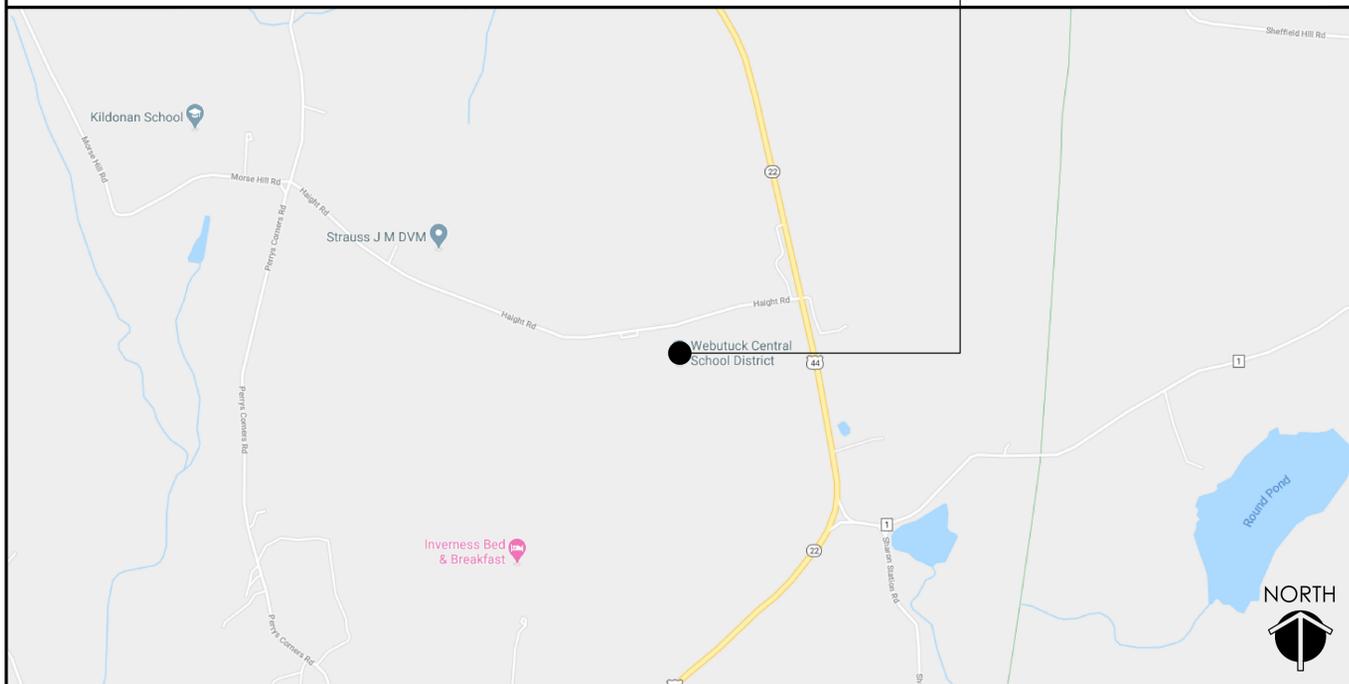
ARCHITECT / ENGINEER:

CPL

50 FRONT STREET, SUITE 202, NEWBURGH, NY 12550
PHONE: (800) 274-9000

LOCATION MAP

WEBUTUCK HIGH SCHOOL
194 HAIGHT RD, AMENIA, NY 12501



LIST OF DRAWINGS

GENERAL:

T000 TITLE SHEET

ARCHITECTURAL:

A001 CODE COMPLIANCE PLAN
A101 DEMOLITION FLOOR PLAN & REFLECTED CEILING PLAN
A201 NEW WORK FLOOR PLAN, WALL TYPES, & FINISH SCHEDULE
A501 CASEWORK ELEVATIONS
A601 NEW WORK REFLECTED CEILING PLAN
A901 SCHEDULES & DETAILS

MECHANICAL:

H000 MECHANICAL SYMBOLS LIST
H201 MECHANICAL DEMOLITION & NEW WORK PLANS

ELECTRICAL:

E000 ELECTRICAL SYMBOLS LIST
E100 ELECTRICAL DEMOLITION PLAN
E200 ELECTRICAL NEW WORK PLAN
E300 ELECTRICAL LIGHTING PLAN

PLUMBING:

P000 PLUMBING LEGEND
P201 PLUMBING DEMOLITION & NEW WORK PLANS

GENERAL NOTES

THE DESIGN OF THIS PROJECT CONFORMS TO ALL APPLICABLE PROVISIONS OF NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CODE, AND THE BUILDING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT.



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OPEN DOOR SBHC /
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WEBUTUCK MIDDLE/HIGH SCHOOL
SED # 13-11-01-04-0-002-020

DATE	DRAWN	CHECKED
09/18/2020	NWH	MJ

SCALE AS NOTED

SHEET TITLE
TITLE SHEET

PROJECT NUMBER
15650.00

MSHS
T000
DRAWING NUMBER

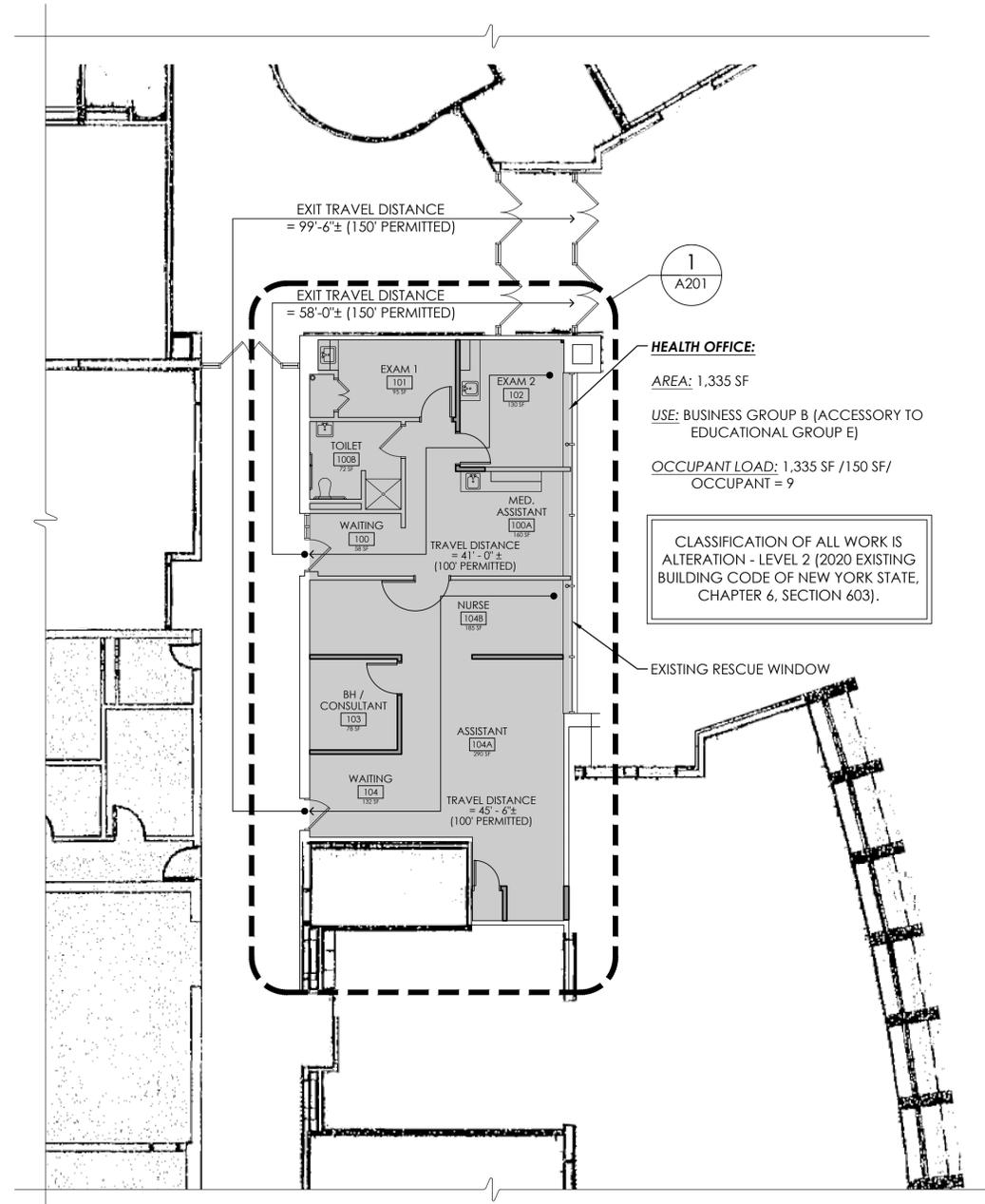
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Date last plotted: 9/18/2020 3:52 PM

Date last accessed: 9/18/2020 3:32 PM

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 Date last accessed: 9/18/2020 2:09 PM
 Date last plotted: 9/18/2020 3:51 PM
 Plotted By: Nick Hennig



HEALTH OFFICE:
 AREA: 1,335 SF
 USE: BUSINESS GROUP B (ACCESSORY TO EDUCATIONAL GROUP E)
 OCCUPANT LOAD: 1,335 SF /150 SF/
 OCCUPANT = 9

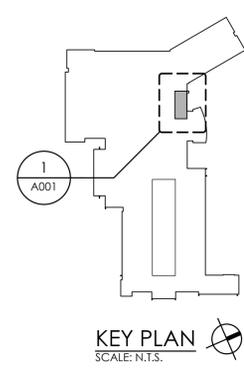
CLASSIFICATION OF ALL WORK IS ALTERATION - LEVEL 2 (2020 EXISTING BUILDING CODE OF NEW YORK STATE, CHAPTER 6, SECTION 603).

1
 A001
 CODE COMPLIANCE PLAN
 SCALE: 1/8" = 1'-0"

BUILDING CODE INFORMATION:
 BASED ON 2020 Existing Building Code of NYS (EBCNYS) & The 2020 Building Code of NYS (BCNYS).

OCCUPANCY CLASSIFICATION (SECTION 305 OF BCNYS):
 EXISTING: EDUCATIONAL GROUP E

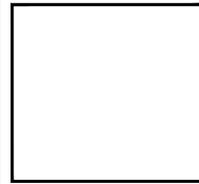
CONSTRUCTION CLASSIFICATION (SECTION 601 OF BCNYS):
 EXISTING: TYPE II-B



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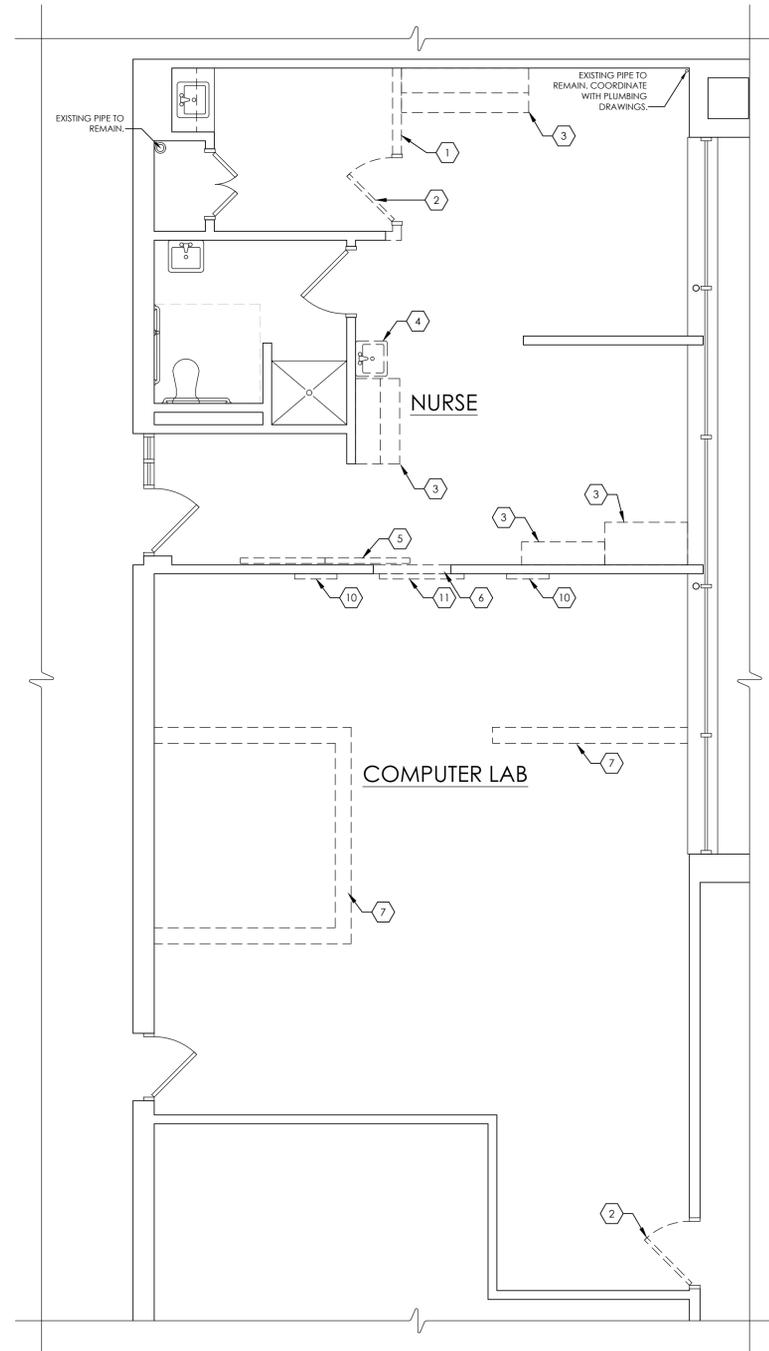


WEBUTUCK CENTRAL SCHOOL DISTRICT
 OPEN DOOR SBHC /
 SCHOOL HEALTH OFFICE
 WEBUTUCK MIDDLE/HIGH SCHOOL
 SED # 13-11-01-04-0-002-020

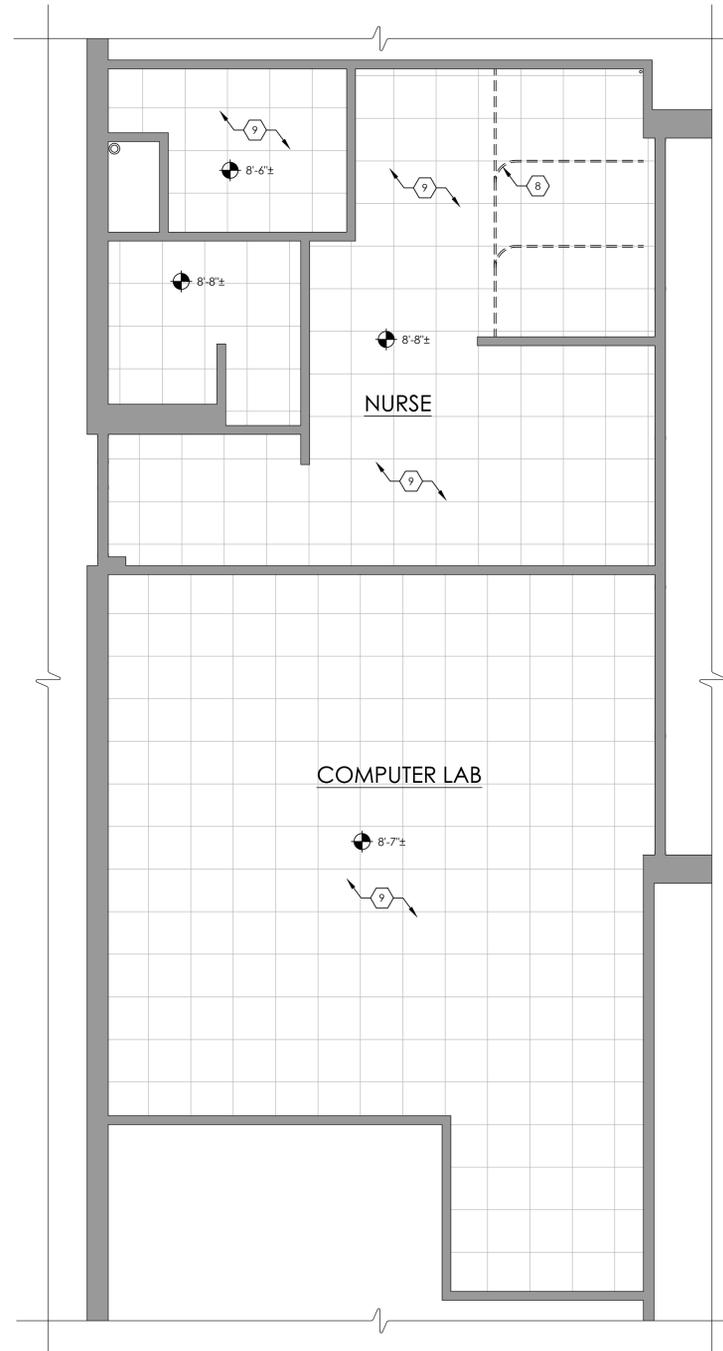
DATE	DRAWN	CHECKED
09/18/2020	NWH	MJ
SCALE AS NOTED		
SHEET TITLE		
CODE COMPLIANCE PLAN		

PROJECT NUMBER
 15650.00

MSHS
A001
 DRAWING NUMBER



1 DEMOLITION FLOOR PLAN
 A101 SCALE: 1/4" = 1'-0"



2 DEMOLITION REFLECTED CEILING PLAN
 A101 SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES:

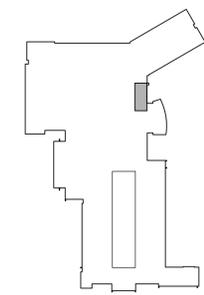
- A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS AND DETAILS INVOLVED IN THE DEMOLITION WORK.
- B. THE OWNER SHALL PROVIDE THE CONTRACTOR WITH A LIST OF ALL ITEMS TO BE SALVAGED PRIOR TO CONSTRUCTION.
- C. THE CONTRACTOR SHALL PROTECT ADJACENT SURFACES AND FINISHES NOT SCHEDULED FOR DEMOLITION WORK AND SHALL REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTED WORK AT NO ADDITIONAL COST TO THE OWNER.
- D. THE CONTRACTOR SHALL COORDINATE THE DEMOLITION WORK WITH THE OVERALL PROJECT PHASING.
- E. THE CONTRACTOR SHALL MAINTAIN AND CONTINUE SAFE ACCESS TO ALL EXITS FOR THE BUILDING OCCUPANTS DURING CONSTRUCTION.

DEMOLITION NOTES:

- 1 REMOVE EXISTING WALL AS INDICATED. PATCH ADJACENT AREAS WITH LIKE CONSTRUCTION AS NECESSARY. PREPARE AREA TO ACCOMMODATE NEW WORK.
- 2 REMOVE EXISTING DOOR AND FRAME. PATCH ADJACENT AREAS WITH LIKE CONSTRUCTION AS NECESSARY. PREPARE AREA TO ACCOMMODATE NEW WORK.
- 3 REMOVE EXISTING BUILT-IN CASEWORK IN ITS ENTIRETY. PATCH ADJACENT AREAS WITH LIKE CONSTRUCTION AS NECESSARY. PREPARE AREA TO ACCOMMODATE NEW WORK.
- 4 REMOVE EXISTING PLUMBING FIXTURES IN ITS ENTIRETY. PREPARE AREA TO ACCOMMODATE NEW WORK.
- 5 REMOVE & RELOCATE EXISTING TACKBOARD. PREPARE AREA TO ACCOMMODATE NEW WORK. COORDINATE NEW LOCATION WITH OWNER.
- 6 CUT OPENING IN EXISTING PARTITION TO ACCOMMODATE NEW DOOR.
- 7 REMOVE EXISTING FLOORING AS NEEDED TO ACCOMMODATE NEW WORK. PATCH TO MATCH EXISTING.
- 8 REMOVE EXISTING CUBICLE CURTAINS AND TRACKS IN THEIR ENTIRETY.
- 9 MODIFY/REMOVE/REINSTALL/REPLACE EXISTING 2' x 2' SUSPENDED CEILING TILE & GRID AS REQUIRED TO ACCOMMODATE FOR NEW WORK. NEW MATERIALS SHALL MATCH EXISTING.
- 10 REMOVE EXISTING DRY ERASE BOARD. TURN OVER TO OWNER. PREPARE AREA TO ACCOMMODATE NEW WORK.
- 11 REMOVE/DISCONNECT EXISTING SMART BOARD. TURN OVER TO OWNER.

LEGEND:

● X'-X'± APPROXIMATE CEILING HEIGHT



KEY PLAN
 SCALE: N.T.S.

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 WEBUTUCK MIDDLE/HIGH SCHOOL
 SED # 13-11-01-04-0-002-020

DATE	DRAWN	CHECKED
09/18/2020	NWH	MJ
SCALE AS NOTED		
SHEET TITLE		
DEMOLITION FLOOR PLAN & REFLECTED CEILING PLAN		

PROJECT NUMBER	15650.00
MSHS	A101
DRAWING NUMBER	



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SED # 13-11-01-04-0-002-020

DATE	DRAWN	CHECKED
09/18/2020	NWH	MJ

SCALE AS NOTED
SHEET TITLE
NEW WORK FLOOR PLAN
WALL TYPES & FINISH
SCHEDULE

PROJECT NUMBER 15650.00
MSHS A201
DRAWING NUMBER

Plotted By: Nick Hennig

Date last plotted: 9/18/2020 3:53 PM

Date last accessed: 9/18/2020 3:35 PM

Drawing Name: S:\Projects\Webutuck\CSD\HS & MS Health Center\Design\06 CAD\AutoCAD\ARCH\A2\WHS A201.dwg

GENERAL CONSTRUCTION NOTES:

- ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING FINISHES AND EQUIPMENT NOT REMOVED UNDER THE SCOPE OF WORK. ANY DAMAGE WILL BE REPAIRED TO THE OWNER/ARCHITECT'S SATISFACTION AT NO COST TO THE OWNER.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT END OF EACH DAY.
- THE CONTRACTOR SHALL PROVIDE DUST CONTROL BARRIERS AT ALL AREAS OF CONSTRUCTION.
- THE CONTRACTOR SHALL PATCH ALL SURFACES WHERE EXISTING MATERIALS HAVE BEEN DISTURBED TO MATCH AND BE FLUSH WITH ADJACENT CONSTRUCTION AT ALL FLOOR, WALL, BASE, AND CEILING LOCATIONS.
- CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.

NOTE: ALL DIMENSIONS ARE TAKEN FROM CLEAR WIDTH FACE OF GWB FINISH OF WALL.

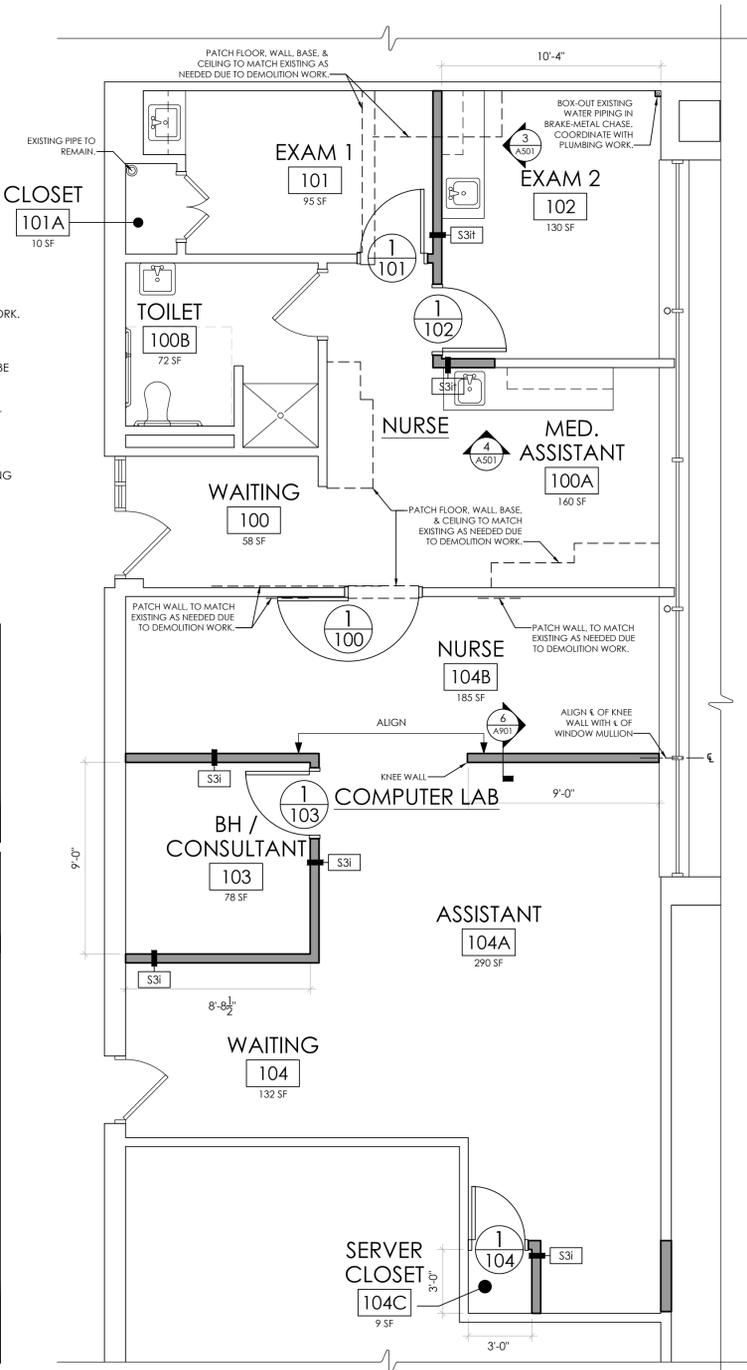
LEGEND

WD	WOOD
HM	HOLLOW METAL
ETR	EXISTING TO REMAIN
PTD	PAINTED
MFR	MANUFACTURER
ALUM	ALUMINUM
SIM	SIMILAR
ST	STAINED & POLYURETHANED
CWT	CERAMIC WALL TILE
CT	CERAMIC TILE
GYP BD	GYP SUM WALLBOARD
RB	RUBBER BASE
VCT	VINYL COMP. TILE

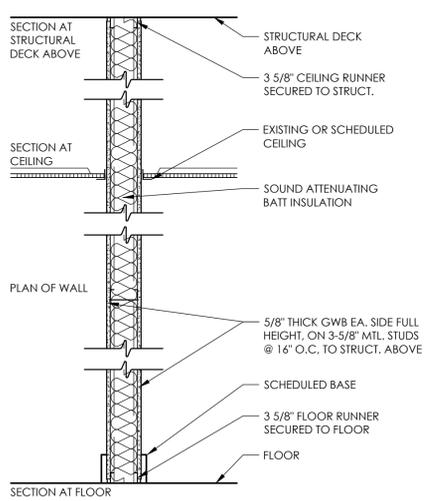
NOTES:

- PAINT ALL NEW AND EXISTING GYP BOARD/CMU WALLS.
- NEW CWT WAINSCOT TO MATCH EXISTING (HEIGHT, COLOR, PATTERN, ETC)
- PAINT COLORS TO BE SELECTED BY ARCHITECT. MULTIPLE COLORS MAY BE SELECTED

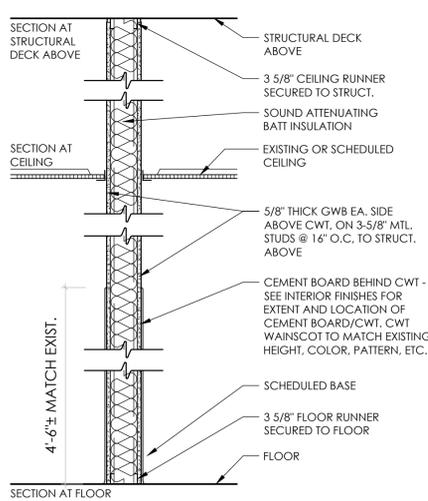
ROOM NO.	ROOM NAME	FLOOR	WALLS				WALL BASE	CEILING	DOOR FRAMES
			NORTH	SOUTH	EAST	WEST			
100	WAITING	VCT/ETR	ETR CMU, PTD WITH CWT	ETR CMU, PTD	ETR GYP BD, PTD WITH CWT	ETR GYP BD, PTD WITH CWT	ETR AT ALL WALLS	SEE A101 & A601	HM / PTD
100A	M.A. ASSIST.	VCT/ETR	ETR CMU, PTD WITH CWT	ETR GYP BD, PTD WITH CWT	ETR GYP BD, PTD WITH CWT	ETR GYP BD, PTD W/ CWT + NEW GYP BD, PTD W/ CWT	ETR AT N, S, + E WALLS NEW CT COVE AT W WALL	SEE A101 & A601	HM / PTD
100B	TOILET	VCT/ETR	ETR GYP BD, WITH CWT	ETR CMU WITH CWT	ETR GYP BD, WITH CWT	ETR GYP BD, WITH CWT	ETR AT ALL WALLS	SEE A101 & A601	HM / PTD
101	EXAM RM. 1	VCT/ETR	NEW GYP BD, PTD WITH CWT	ETR CMU, & GYP BD, PTD WITH CWT	ETR GYP BD, PTD W/ CWT + NEW GYP BD, PTD W/ CWT	ETR GYP BD, PTD WITH CWT	ETR AT S, E, + W WALLS, NEW CT COVE AT NEW N WALL	SEE A101 & A601	HM / PTD
102	EXAM RM. 2	VCT/ETR	ETR CMU, PTD WITH CWT	NEW GYP BD, PTD WITH CWT	ETR GYP BD, PTD WITH CWT	ETR CMU, PTD WITH CWT	ETR AT N, S, E, + W WALLS, NEW CT COVE AT NEW S WALL	SEE A101 & A601	HM / PTD
103	BH/CONSULT.	VCT/ETR	NEW GYP. BD, PTD	ETR CMU, PTD	NEW GYP. BD, PTD	NEW GYP. BD, PTD	ETR AT CMU WALL, NEW CT COVE AT NEW WALLS	SEE A101 & A601	HM / PTD
104	WAITING	VCT/ETR	-	ETR CMU, & GYP BD, PTD	ETR GYP BD, PTD	NEW GYP BD, PTD	ETR AT S + E WALLS, NEW RB AT NEW W WALL.	SEE A101 & A601	HM / PTD
104A	NURSE ASSIST.	VCT/ETR	ETR CMU, PTD	NEW GYP BD, PTD	ETR GYP BD, PTD	ETR GYP BD, PTD	ETR AT N, E, + W WALLS, NEW RB AT NEW S WALL.	SEE A101 & A601	HM / PTD
104B	NURSE	VCT/ETR	ETR CMU, PTD	ETR CMU, PTD	NEW GYP BD, PTD	NEW GYP BD, PTD	ETR AT N, + S WALLS, NEW RB AT NEW E + W WALLS.	SEE A101 & A601	HM / PTD
101A	STORAGE CLOSET	VCT/ETR	ETR GYP BD, PTD	ETR CMU, PTD	ETR GYP BD, PTD	ETR GYP BD, PTD	ETR AT ALL WALLS.	SEE A101 & A601	HM / PTD
104C	SERVER CLOSET	VCT/ETR	NEW GYP BD, PTD	ETR GYP BD, PTD	ETR GYP BD, PTD	NEW GYP BD, PTD	ETR AT S + E WALLS, NEW RB AT NEW N + W WALLS	SEE A101 & A601	HM / PTD



1 NEW WORK FLOOR PLAN
SCALE: 1/4" = 1'-0"

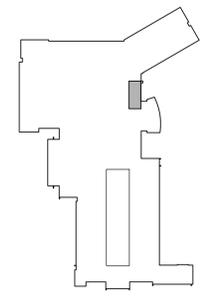


TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S3i	NA	NR	47



TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S3it	NA	NR	47

2 TYPICAL WALL TYPES
SCALE: 1" = 1'-0"



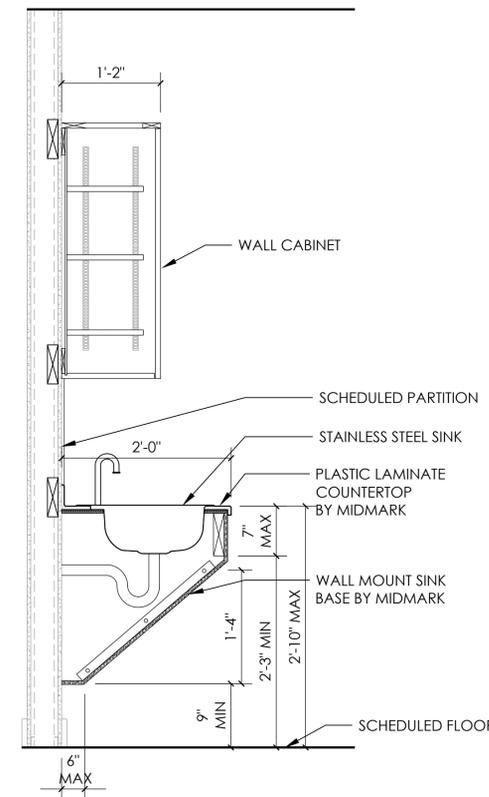
KEY PLAN
SCALE: N.T.S.

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 Date last plotted: 9/2/2021 1:22 PM
 Plotted By: Mark Johnson

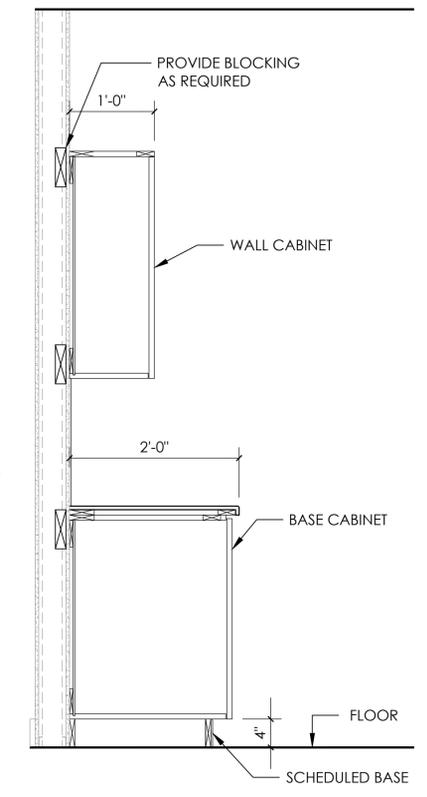


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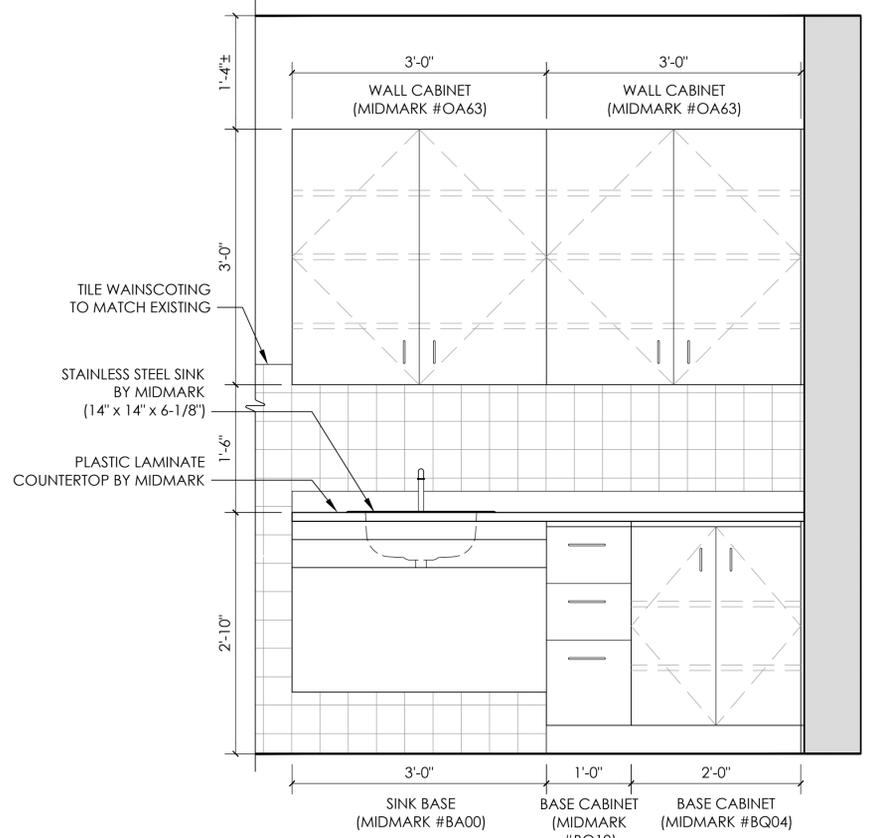
50 FRONT STREET, SUITE 202
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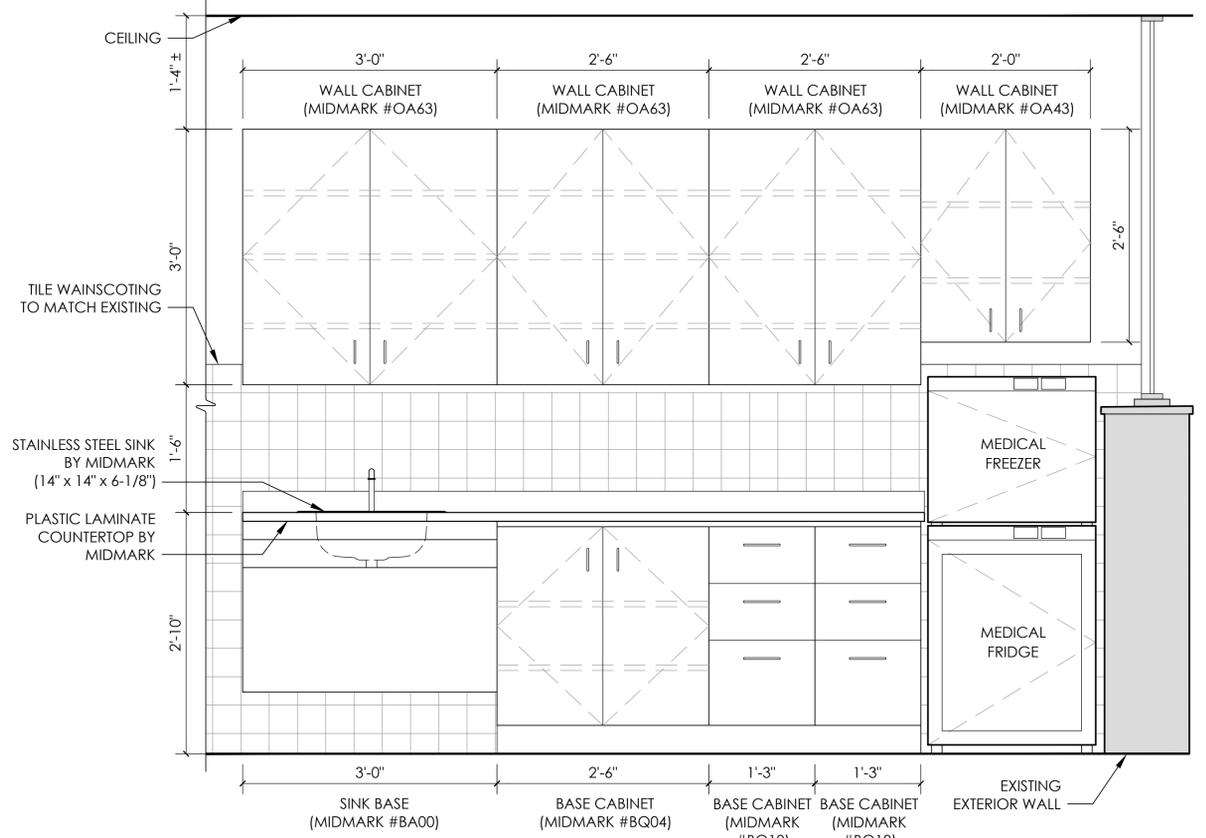
1
A501
SCALE: 1" = 1'-0"



2
A501
SCALE: 1" = 1'-0"



3
A501
SCALE: 1" = 1'-0"



4
A501
SCALE: 1" = 1'-0"

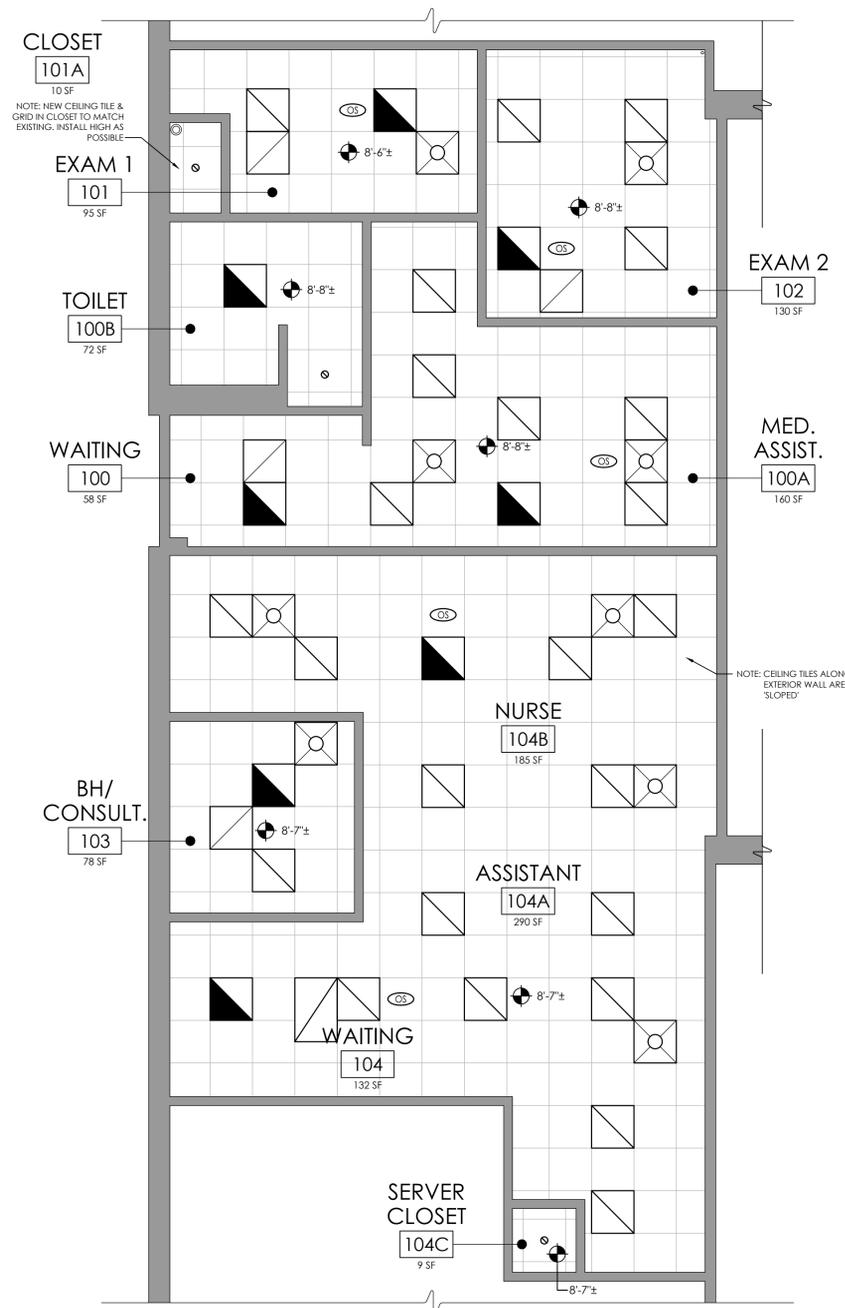
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DATE	DRAWN	CHECKED
09/18/2020	NWH	MJ
SCALE	AS NOTED	
SHEET TITLE	CASEWORK ELEVATIONS	

PROJECT NUMBER
15650.00

MSHS
A501
DRAWING NUMBER

Drawing Name: S:\Projects\Webutuck_CSD\HS & MS Health Center\06 CAD\AutoCAD\ARCH\A6\WHS A601.dwg
 Date last accessed: 9/18/2020 3:32 PM
 Date last plotted: 9/18/2020 4:07 PM
 Plotted By: Nick Hennig



1
A601 NEW WORK REFLECTED CEILING PLAN
 SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES:

- A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS AND DETAILS INVOLVED IN THE DEMOLITION WORK.
- B. THE OWNER SHALL PROVIDE THE CONTRACTOR WITH A LIST OF ALL ITEMS TO BE SALVAGED PRIOR TO CONSTRUCTION.
- C. THE CONTRACTOR SHALL PROTECT ADJACENT SURFACES AND FINISHES NOT SCHEDULED FOR DEMOLITION WORK AND SHALL REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTED WORK AT NO ADDITIONAL COST TO THE OWNER.
- D. THE CONTRACTOR SHALL COORDINATE THE DEMOLITION WORK WITH THE OVERALL PROJECT PHASING.
- E. THE CONTRACTOR SHALL MAINTAIN AND CONTINUE SAFE ACCESS TO ALL EXITS FOR THE BUILDING OCCUPANTS DURING CONSTRUCTION.
- F. PROVIDE NEW CEILING TILES TO MATCH EXISTING WHERE MISSING (FOR BID PROPOSALS PROVIDE 96 SF OF NEW TILES).

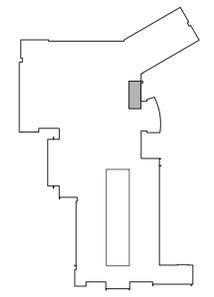
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5. THE CONTRACTOR SHALL PATCH ALL SURFACES WHERE EXISTING MATERIALS HAVE BEEN DISTURBED TO MATCH AND BE FLUSH WITH ADJACENT CONSTRUCTION AT ALL FLOOR, WALL, AND CEILING LOCATIONS.
6. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.

LEGEND:

- X'-X" CEILING HEIGHT (APPROXIMATE)
- DIFFUSER
- RETURN GRILLE
- LIGHT FIXTURE
- EMERGENCY AND/OR NIGHT LIGHT LIGHTING FIXTURE
- AREAS WITH MODIFIED/REPLACED SUSPENDED CEILING TO ACCOMMODATE NEW WORK.

NOTE: REFER TO MECH & ELEC FOR COMPLETE SYMBOLS LIST



KEY PLAN
 SCALE: N.T.S.



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09/18/2020	NWH	MJ

SCALE AS NOTED

SHEET TITLE
NEW WORK REFLECTED CEILING PLAN

PROJECT NUMBER
15650.00

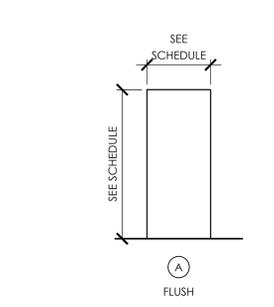
MSHS
A601
 DRAWING NUMBER

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 Date last accessed: 9/18/2020 2:10 PM
 Date last plotted: 9/18/2020 3:57 PM
 Plotted By: Nick Hennig

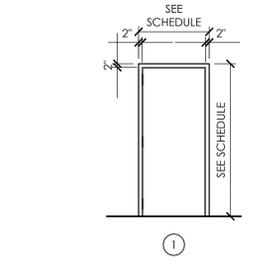
DOORS										FRAMES					HARDWARE SET NO.	REMARKS	
DOOR NO.	SIZE			TYPE	MATERIAL / FINISH	UNDERCUT	FIRE RATING	OVERALL SIZE			TYPE	MATERIAL / FINISH	JAMB DETAIL	HEAD DETAIL			SILL DETAIL
	WIDTH	HEIGHT	TH.					WIDTH	HEIGHT	DEPTH							
1-100	3'-4"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-8"	7'-2"	5 7/8"*	1	HM/PT	3/A901	4/A901	5/A901	SEE SPEC.	* VERIFY FRAME DEPTH
1-101	3'-0"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-4"	7'-2"	5 7/8"*	1	HM/PT	3/A901	4/A901	5/A901	SEE SPEC.	* VERIFY FRAME DEPTH
1-102	3'-0"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-4"	7'-2"	5 7/8"	1	HM/PT	3/A901	4/A901	5/A901	SEE SPEC.	-
1-103	3'-0"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-4"	7'-2"	5 7/8"	1	HM/PT	3/A901	4/A901	5/A901	SEE SPEC.	-
1-104	2'-8"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-4"	7'-2"	5 7/8"	1	HM/PT	3/A901	4/A901	5/A901	SEE SPEC.	-

LEGEND	
WD	WOOD
HM	HOLLOW METAL
EX	EXISTING
PT	PAINTED
MFR	MANUFACTURER
ALUM	ALUMINUM
SIM	SIMILAR
ST	STAINED & POLYURETHANED

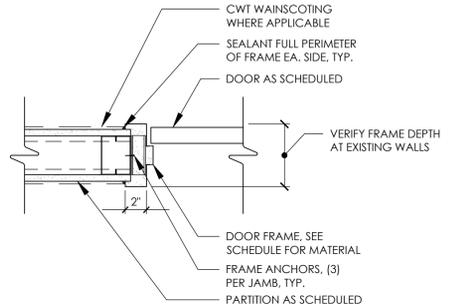
- NOTES**
- VERIFY ALL OPENINGS IN FIELD BEFORE FABRICATION.
 - PROVIDE FULL PERIMETER SEALANT AROUND ALL DOOR OPENINGS, BOTH SIDES OF FRAME. SEALANT COLOR TO MATCH DOOR FRAME COLOR.



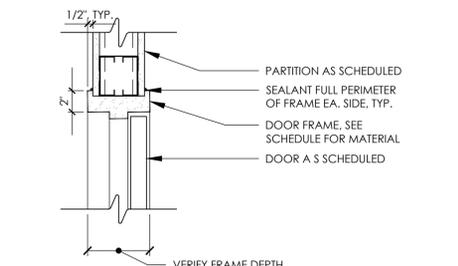
1 DOOR TYPE DETAILS
SCALE: NTS



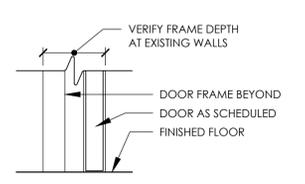
2 DOOR FRAME TYPE DETAIL
SCALE: NTS



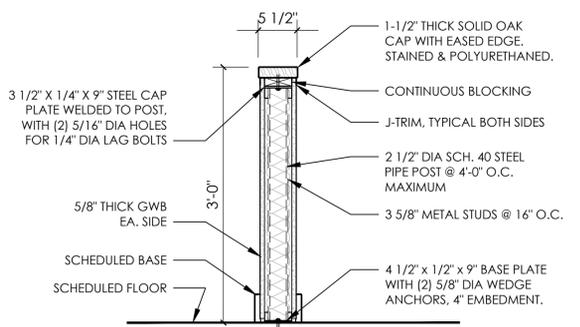
3 JAMB DETAIL AT NEW PARTITION
SCALE: 1 1/2" = 1'-0"



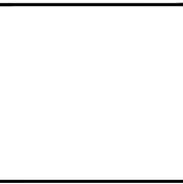
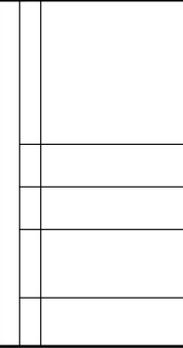
4 HEAD DETAIL AT NEW PARTITION
SCALE: 1 1/2" = 1'-0"



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



6 KNEE WALL DETAIL
SCALE: 1" = 1'-0"



WEBUTUCK CENTRAL SCHOOL DISTRICT
 OPEN DOOR SBHC / SCHOOL HEALTH OFFICE
 WEBUTUCK MIDDLE/HIGH SCHOOL
 SED # 13-11-01-04-0-002-020

DATE	DRAWN	CHECKED
09/18/2020	NWH	MJ
SCALE AS NOTED		
SHEET TITLE		
SCHEDULES & DETAILS		

PROJECT NUMBER	15650.00
MSHS	A901
DRAWING NUMBER	

Drawing Name: S:\Projects\Webutuck_CSD\HS & MS Health Center\Design\06 CAD\AutoCAD\MECH\HV\H000.dwg Date last accessed: 9/14/2020 1:53 PM Date last plotted: 9/18/2020 11:36 AM Plotted By: Brendon Mazza

HVAC SYMBOLS LIST

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	AUTOMATIC AIR DAMPER		CONNECTION - TOP		DOUBLE WALL LINED DUCT		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		ELECTRIC/PNEUMATIC SWITCH OR RELAY
	AIR-COOLED CONDENSING UNIT		CONNECTION - BOTTOM		DUCT SECTION - SUPPLY		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		PNEUMATIC/ELECTRIC SWITCH OR RELAY
	ACCESS DOOR		DIRECTION OF FLOW		DUCT SECTION - RETURN/EXHAUST		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		CURRENT TRANSDUCER
	ABOVE FINISHED FLOOR		REDUCER		DUCT SECTION - ROUND DUCT IN INCHES		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		OPEN/CLOSED
	AIR HANDLING UNIT		CAP OR PLUG		DUCT SECTION - FLAT OVAL DUCT IN INCHES		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		START/STOP
	BOILER BLOW DOWN		ELBOW DOWN		ACOUSTIC THERMAL LINING		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		ENABLE/DISABLE
	BACKDRAFT DAMPER		ELBOW UP		FLEXIBLE DUCTWORK		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)
	COMPRESSED AIR		TEE OUTLET - UP		FLEXIBLE CONNECTION		SUPPLY AIR TAKEOFFS		HUMIDITY SENSOR (DUCT MOUNTED)
	COOLING COIL CONDENSATE DRAIN		TEE OUTLET - DOWN		UNION		SUPPLY AIR TAKEOFFS		FLOW TRANSMITTER
	CUBIC FEET PER MINUTE		GATE VALVE		FIRE DAMPER		SUPPLY AIR TAKEOFFS		PRESSURE TRANSMITTER
	CHILLED WATER RETURN		BALL VALVE		SMOKE DAMPER		SUPPLY AIR TAKEOFFS		DIFFERENTIAL PRESSURE TRANSMITTER
	CHILLED WATER SUPPLY		BALANCING VALVE		COMBINATION FIRE AND SMOKE DAMPER		SUPPLY AIR TAKEOFFS		ELECTRIC/PNEUMATIC TRANSDUCER
	CONDENSER WATER RETURN		STRAINER		VOLUME DAMPER		SUPPLY AIR TAKEOFFS		ELECTRIC/ELECTRONIC TRANSDUCER
	CONDENSER WATER SUPPLY		STRAINER WITH BLOW-DOWN		DAMPER CONTROL, PARALLEL BLADE		SUPPLY AIR TAKEOFFS		DUCT SMOKE DETECTOR
	DOMESTIC COLD WATER		BUTTERFLY VALVE		DAMPER CONTROL, OPPOSED BLADE		SPACE THERMOSTAT		SPACE TEMPERATURE SENSOR
	DRAIN		BUTTERFLY CONTROL VALVE, PNEUMATIC 2-WAY		AUTOMATIC AIR DAMPER		SPACE CARBON DIOXIDE SENSOR		SPACE CARBON MONOXIDE SENSOR
	EXISTING		BUTTERFLY CONTROL VALVE, ELECTRIC ACTUATOR		BACK DRAFT DAMPER		SPACE SENSOR WITH GUARD		SPACE HUMIDISTAT
	EXHAUST AIR		GLOBE VALVE		BLAST GATE		COOLING COIL		HEATING COIL
	ELECTRICAL CONTRACTOR		CHECK VALVE		AIR DUCT (FIRST FIGURE IS DUCT WIDTH/TOP, SECOND FIGURE IS DUCT DEPTH)		GAS FURNACE		HUMIDIFIER
	EXHAUST FAN		TRIPLE DUTY VALVE		MULTI-BLADE AIR EXTRACTOR		ALARM		STATUS
	ELECTRIC REHEAT COIL		GAS COCK, PLUG VALVE		TURNING VANES		FLOW SWITCH		DIFFERENTIAL STATIC PRESSURE SWITCH
	EXISTING TO REMAIN		UNDERCUT DOOR 1"		EXISTING WORK TO BE REMOVED (HATCHED)		RELAY		PRESSURE GAUGE
	ELECTRIC UNIT HEATER		LOUVERED DOOR W/ SQ. FT. OF FREE AREA		POINT OF CONNECTION		FREEZE-STAT		DIGITAL INPUT (TO BUILDING MANAGEMENT SYSTEM)
	FLOAT AND THERMOSTATIC TRAP		AIR VENT - MANUAL		POINT OF DISCONNECTION		DIGITAL OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)		ANALOG OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)
	FAN-COIL UNIT		AIR VENT - AUTOMATIC		AIR FLOW SENSOR		ANALOG INPUT (TO BUILDING MANAGEMENT SYSTEM)		ELECTRICAL INTERFACE
	FEET PER MINUTE		FLANGE		FILTER		SPEED FEED BACK		END SWITCH
	FIN-TUBE		CONTROL/SOLENOID VALVE, ELECTRIC 2-WAY		LONG RADIUS 90° ELBOW R/W=1.5		POSITION FEEDBACK		TRAVERSE AVERAGING SENSOR
	GENERAL CONTRACTOR		CONTROL VALVE, ELECTRIC 3-WAY		LONG RADIUS 45° ELBOW R/W=1.5		PROBE SENSOR		FREEZE STAT SENSOR
	GLYCOL RETURN		CONTROL VALVE, PNEUMATIC 2-WAY		LONG RADIUS 90° ELBOW WITH TURNING VANES				
	GLYCOL SUPPLY		CONTROL VALVE, PNEUMATIC 3-WAY		DROP IN DUCT				
	HVAC CONTRACTOR		RELIEF / SAFETY VALVE		SQUARE CEILING DIFFUSER (4 WAY)				
	HEATING HOT WATER RETURN		PRESSURE REDUCING VALVE		ROUND CEILING DIFFUSER				
	HEATING HOT WATER SUPPLY		VACUUM BREAKER		SQUARE OR RECTANGULAR CEILING GRILLE				
	HEAT PUMP		EXPANSION COMPENSATOR W/ GUIDES		SUPPLY REGISTER, RETURN OR EXHAUST GRILLE				
	HIGH PRESSURE CONDENSATE		EXPANSION JOINT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	HIGH PRESSURE STEAM		PIPE ANCHOR		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	LINEAR FOOTAGE OF FIN-TUBE RADIATION		PIPE GUIDE		FAN POWERED AIR TERMINAL UNIT				
	LOW PRESSURE CONDENSATE		HUMIDIFIER DISPERSION TUBE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	LIQUEFIED PROPANE GAS		RISE IN DUCT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	LOW PRESSURE STEAM		TRANSITION SQUARE TO ROUND		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	1,000 BTU/HR		HUMIDIFIER DISPERSION TUBE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	MECHANICAL CONTRACTOR		90° ELBOW WITH TURNING VANES		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	MEDIUM PRESSURE CONDENSATE		90° VERTICAL SPLIT OFF (PLAN VIEW)		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	MEDIUM PRESSURE STEAM		DUCT TURNING UP OR DOWN		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	MONOFLO FITTING DOWN - HHWR		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	MONOFLO FITTING DOWN - HHWS		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	MAKE-UP WATER		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	NORMALLY CLOSED		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	NATURAL GAS		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	NORMALLY OPEN		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	NOT TO SCALE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	OUTSIDE AIR		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	PLUMBING CONTRACTOR		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	PUMP DISCHARGE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	PRIMARY HEATING HOT WATER RETURN		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	PRIMARY HEATING HOT WATER SUPPLY		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	RETURN AIR		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	REFRIGERANT DISCHARGE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	HOT WATER REHEAT COIL		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	REFRIGERANT LIQUID PIPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	REFRIGERANT SUCTION PIPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	ROOFTOP UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	ROOF VENT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	SUPPLY AIR		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	SECONDARY HEATING HOT WATER RETURN		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	SECONDARY HEATING HOT WATER SUPPLY		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	SPLIT SYSTEM INDOOR SECTION (EVAPORATOR SECTION)		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	SPLIT SYSTEM OUTDOOR SECTION (CONDENSING UNIT)		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	TEMPERATURE CONTROLS CONTRACTOR		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	UNIT HEATER		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	UNIT VENTILATOR		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	VENT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	WATER-TO-AIR HEAT PUMP		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	WATER-TO-WATER HEAT PUMP		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	WALL TO WALL FIN TUBE ENCLOSURE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	ACOUSTIC/THERMAL DUCTWORK LINING - 1 INCH THICK		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	ACOUSTIC/THERMAL DUCTWORK LINING - 2 INCH THICK		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
	ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				

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 CEILING, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING. THE EXISTING CEILING 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, CONTROL 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 CONTRACTOR 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 LINTEL 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.



50 FRONT STREET, SUITE 202
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NO.	DATE	DESCRIPTION



WEBUTUCK CENTRAL SCHOOL DISTRICT

Drawing Name: S:\Projects\Webutuck_CSD\HS & MS Health Center\VD Design\06 CAD\AutoCAD\MECH\H201.dwg Date last accessed: 9/18/2020 4:07 PM Date last plotted: 9/18/2020 4:10 PM Plotted By: Brendon Mazza

WEBUTUCK HEALTH SUITE OUTSIDE AIR CALCULATIONS												
Equipment	Tag	Space	Occupancy Classification	TOTAL SQ. FT.	TOTAL Density #/100sq.R.	TOTAL OCCUPANCY		O.A. PER PERSON	O.A. PER SQ. FT.	Vbz	Vozr/Vot	Provided OA
						FOR	PERSON					
RTU-7	Exam 1	Office Space	Office Space	98	5	2	5	0.06	16	0.8	20	75
RTU-7	Exam 2	Office Space	Office Space	129	5	2	5	0.06	18	0.8	22	75
RTU-7	M.A.	Reception Area	Reception Area	193	30	6	5	0.06	42	0.8	52	75
RTU-7	Waiting 100	Main Entry Lobby	Main Entry Lobby	56	10	3	5	0.06	18	0.8	23	75
RTU-8	Nurse	Office Space	Office Space	186	5	3	5	0.06	26	0.8	33	150
RTU-8	BH/Consultant	Office Space	Office Space	75	5	3	5	0.06	20	0.8	24	50
RTU-8	Assistant	Reception Area	Reception Area	150	30	5	5	0.06	34	0.8	43	100
RTU-8	Waiting	Main Entry Lobby	Main Entry Lobby	270	10	4	5	0.06	36	0.8	45	100

GENERAL NOTES:

1. VERIFY ALL DUCT AND PIPE SIZES AND LOCATIONS PRIOR TO DEMOLITION.

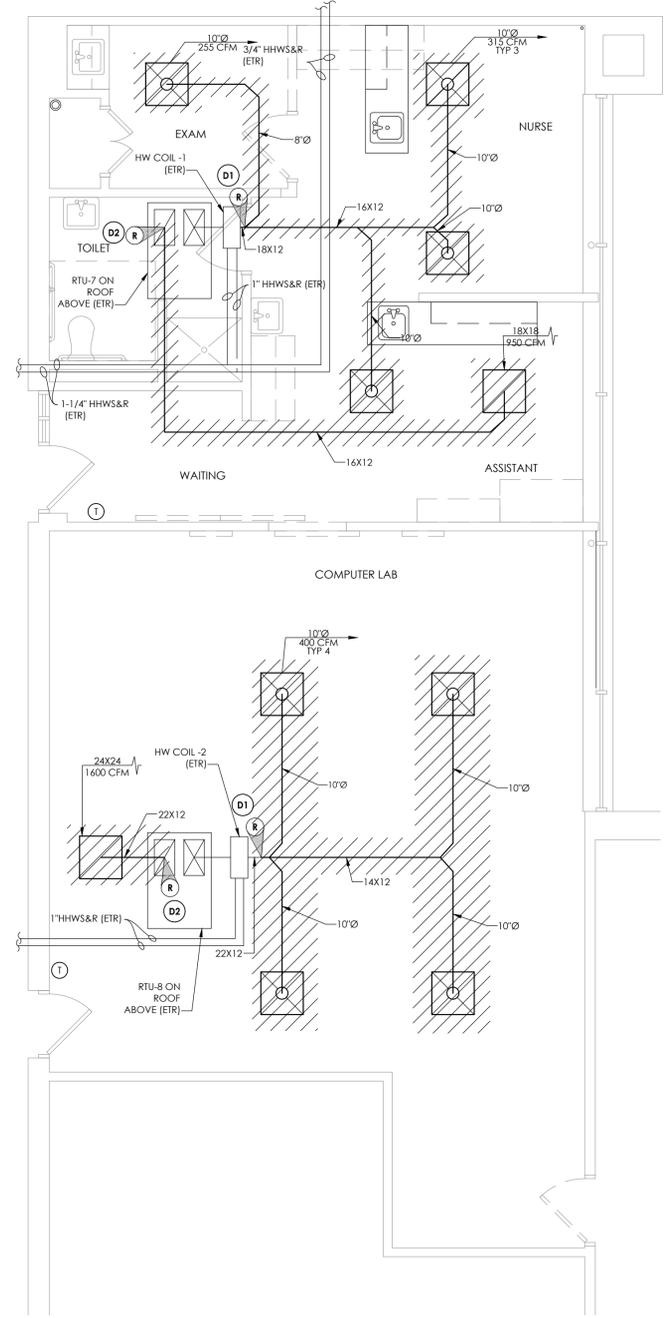
DEMOLITION NOTES:

- 01 REMOVE EXISTING SUPPLY DIFFUSERS AND ALL ASSOCIATED DUCTWORK TO POINT INDICATED BEFORE HEATING COIL. PREPARE FOR NEW WORK.
- 02 REMOVE EXISTING RETURN GRILLE AND ALL ASSOCIATED DUCTWORK BACK TO DROP FROM ROOFTOP UNIT. PREPARE FOR NEW WORK.

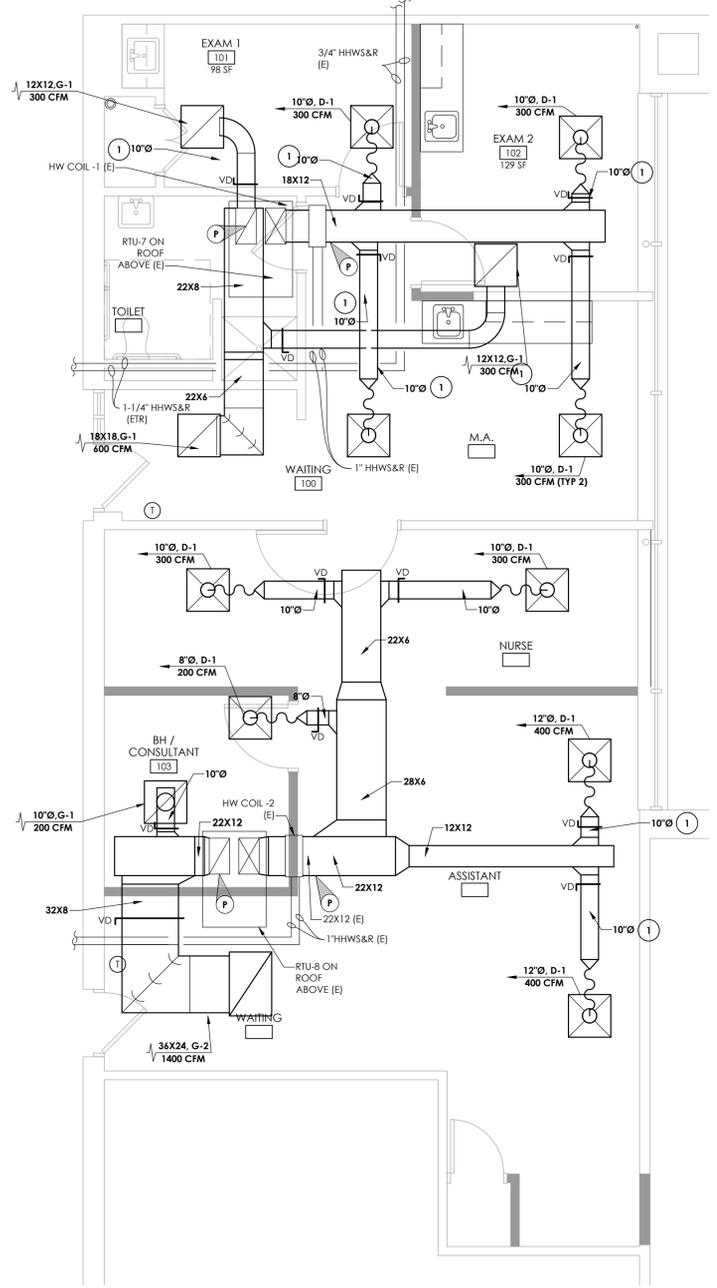
KEY NOTES:

- 1 RUN DUCTWORK THROUGH JOISTS.

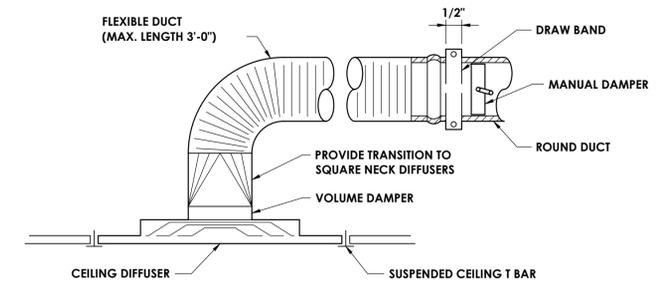
REGISTERS, GRILLES, AND DIFFUSERS							
MARK	APPLICATION	MATERIAL	TYPE	FINISH	FACE SIZE	DESIGN EQUIP.	REMARKS
D1	SUPPLY	STEEL	LAY IN	WHITE	24X24	PRICE SCD	
G1	RETURN/EA	STEEL	LAY IN	WHITE	24X24	PRICE PDDR	
G2	RETURN/EA	STEEL	LAY IN	WHITE	-	PRICE 530	
REMARKS:							



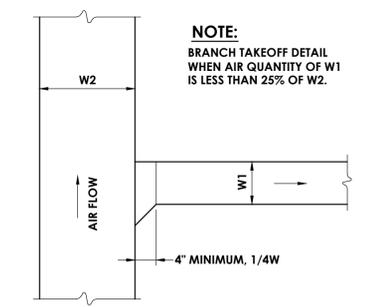
1 HVAC DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



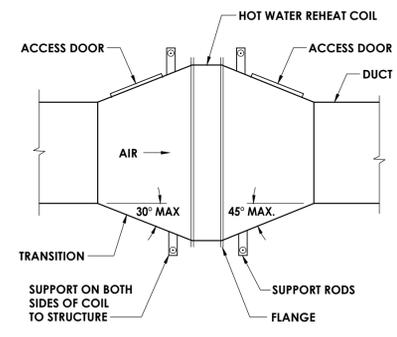
2 HVAC NEW WORK PLAN
SCALE: 1/4" = 1'-0"



3 DIFFUSER DETAIL
H201 NOT TO SCALE

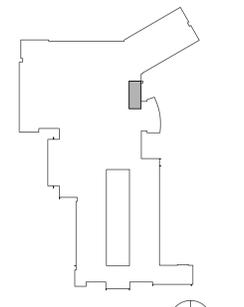


4 BRANCH TAKE-OFF DETAIL
H201 NOT TO SCALE



NOTE:
SUPPORT DUCTWORK INDEPENDENTLY OF THE COIL.

5 REHEAT COIL DETAIL
H800 NOT TO SCALE



KEY PLAN
SCALE: N.T.S.



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NO.	DATE	BY	DESCRIPTION



WEBUTUCK CENTRAL SCHOOL DISTRICT
OPEN DOOR SBHC / SCHOOL HEALTH OFFICE
WEBUTUCK MIDDLE/HIGH SCHOOL
SED # 13-11-01-04-0-002-020

DATE	DRAWN	CHECKED
09/18/2020	BKM	JJM

SCALE: NTS
SHEET TITLE: MECHANICAL DEMOLITION AND NEW WORK PLANS

PROJECT NUMBER	15650.00
MSHS H201	DRAWING NUMBER

Drawing Name: S:\Projects\Webutuck CSD\HS & MS Health Center\VD Design\06 CAD\AutoCAD\ELEC\E01\E000.dwg Date last accessed: 7/22/2020 10:13 AM Date last plotted: 9/18/2020 2:14 PM Plotted By: Michael Yamin

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 _o	LOWER CASE LETTER DESIGNATES SWITCH LEG
⊕	SINGLE RECEPTACLE
⊕⊕	PLUG MOLD
⊕ ₂	DUPLEX RECEPTACLE
⊕ ₄	QUADRUPLEX RECEPTACLE
⊕ ^o	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)
⊕ ^o	POWER POLE
⊕ ₂	RECESSED FLOOR MOUNTED DUPLEX RECEPTACLE
⊕ ₂ ^o	SURFACE MOUNTED FLOOR RECEPTACLE
⊕ ₂ ^o	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
⊕ ^o	DISCONNECT SWITCH
⊕ ^o _{WP}	DISCONNECT SWITCH - WEATHER PROOF (NEMA 3R)
⊕ ^o _{FDS}	FUSED DISCONNECT SWITCH
⊕ ^o _{FDS}	COMBINATION FUSED DISCONNECT/ MAGNETIC STARTER SWITCH
HOA	HAND/OFF/AUTO
SS	START/STOP
⊕ _M	MANUAL STARTER
⊕ _{VS}	COMBINATION VARIABLE SPEED DRIVE AND DISCONNECT
⊕ _{VS}	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
⊕ _{IC}	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
⊕ _{III}	BRANCH CIRCUIT WIRING, PROVIDE QUANTITIES OF CONDUCTORS REQUIRED FOR CIRCUITING AND SWITCHING AS INDICATED
⊕ _o	POWER LEG ONLY (NO SWITCH LEG BETWEEN ROOMS)
⊕ _o	HARDWIRE CONNECTION
⊕ _o	CONDUIT RISER UP
⊕ _o	CONDUIT RISER DOWN
⊕ _o	TRANSFORMER
⊕ _o _K	TYPE "K" TRANSFORMER
⊕ _o _{MS}	MUSHROOM HEAD PUSH BUTTON (EMERGENCY STOP)
⊕ _o _{MS}	EMERGENCY BREAK GLASS STATION
⊕ _o _{GR}	GROUNDING ROD

SINGLE LINE DIAGRAM LEGEND:

	EARTH GROUND
	CHASSIS GROUND
	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
	PANELBOARD - RATINGS AS SPECIFIED IN SINGLE LINE DIAGRAM AND ON PANELBOARD SCHEDULE

COMMUNICATIONS LEGEND:

⊕ _T	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
⊕ _T	TELEPHONE FLOOR OUTLET (1) CAT3 - TELEPHONE JACK & CABLE
⊕ _T	DATA OUTLET WITH FLUSH BOX AND FACEPLATE (1) CAT5e - DATA JACK & CABLE
⊕ _T	COMPUTER FLOOR OUTLET (1) CAT5e - DATA JACK & CABLE
⊕ _T	COMBINATION TELEPHONE CABLE AND DATA OUTLETS IN DOUBLE GANG FLUSH MOUNTED BOX WITH FACEPLATE
⊕ _T	WIRELESS TRANSMITTER (PROVIDED BY OWNER) CONTRACTOR TO PROVIDE (2) CAT5e DATA JACKS & CABLING
T/D	BACK BOX FOR OWNER PROVIDED TEL/COM WIRING & DEVICES
⊕ _T	DATA RACK
⊕ _T	COAX CABLE (TYPE F CONNECTOR)
⊕ _T	CEILING MOUNT LCD PROJECTOR
⊕ _T	SPEAKER (PUBLIC ADDRESS) (NONE) CEILING MOUNTED w WALL MOUNTED
⊕ _T	SPEAKER (LOCAL SOUND SYSTEM)
⊕ _T	SPEAKER HORN
⊕ _T	MICROPHONE JACK
⊕ _T	SPEAKER JACK
⊕ _T	VOLUME CONTROL
⊕ _T	CLOCK
⊕ _T	DOUBLE FACE CLOCK
⊕ _T	COMBINATION CLOCK AND SPEAKER
⊕ _T	INTERCOM STATION
⊕ _T	REMOTE PRE-AMPLIFIER AND PAGING MICROPHONE
⊕ _T	CONSOLE JACK
⊕ _T	HOUSE LIGHT CONTROL STATION
⊕ _T	WALL BOX AS SPECIFIED
⊕ _T	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:

⊕ _{FA}	FIRE ALARM PULL STATION
⊕ _{FB}	FIRE ALARM BELL
⊕ _{FH}	FIRE ALARM HORN
⊕ _{FAH}	FIRE ALARM HORN AND STROBE COMBINATION
⊕ _{FAHWP}	FIRE ALARM HORN AND STROBE COMBINATION, WEATHER PROOF
⊕ _{FAA}	FIRE ALARM SPEAKER
⊕ _{FAA-C}	FIRE ALARM SPEAKER - CEILING MOUNTED
⊕ _{FAA-SC}	FIRE ALARM SPEAKER AND STROBE COMBINATION
⊕ _{FAA-S}	FIRE ALARM STROBE
⊕ _{FAA-SC}	FIRE ALARM STROBE - CEILING MOUNTED
⊕ _{SD}	SMOKE DETECTOR
⊕ _{SDWG}	SMOKE DETECTOR WITH GUARD
⊕ _{CO}	CARBON MONOXIDE DETECTOR
⊕ _{CH4}	NATURAL GAS SENSOR
⊕ _H	HEAT DETECTOR
⊕ _{H190}	COMBINATION SMOKE/HEAT DETECTOR
⊕ _{H190}	HEAT DETECTOR - 190° FIXED TEMPERATURE
⊕ _{EXP}	HEAT DETECTOR - EXPLOSION PROOF
⊕ _{BT}	BEAM SMOKE DETECTOR TRANSMITTER
⊕ _{BR}	BEAM SMOKE DETECTOR RECEIVER
⊕ _D	DUCT DETECTOR
SA	INDICATES INSTALLATION IN SUPPLY AIR
RA	INDICATES INSTALLATION IN RETURN AIR
⊕ _{RIS}	REMOTE TEST STATION FOR DUCT DETECTOR
⊕ _R	FIRE ALARM SHUT DOWN RELAY
⊕ _{DO}	FIRE DOOR HOLD OPEN
⊕ _{TS}	TAMPER SWITCH
⊕ _{FS}	FLOW SWITCH
⊕ _{AS}	FIRE SUPPRESSION ANSUL SYSTEM CONNECTION
⊕ _{SD}	SMOKE DAMPER RELAY CONNECTION
SD/FD	SMOKE DAMPER AND FIRE DAMPER
SD	SMOKE DAMPER
⊕ _{CM}	CONTROL MODULE, ADDRESSABLE
⊕ _{ARS}	AREA OF RESCUE CALL STATION
⊕ _{AMS}	AREA OF RESCUE MASTER TELEPHONE STATION

SECURITY LEGEND:

⊕ _{SK}	SECURITY KEY PAD
⊕ _{VC}	VIDEO CAMERA
⊕ _{VM}	CCTV VIDEO MONITOR
⊕ _{PIR}	PASSIVE INFRARED MOTION DETECTOR
⊕ _{PC}	PROXIMITY CARD READER
⊕ _{CS}	CALL SWITCH
⊕ _{DC}	DOOR CONTACT
⊕ _{WC}	WINDOW CONTACT
⊕ _{ES}	ELECTRIC STRIKE DOOR RELEASE
⊕ _{MD}	MAGNETIC DOOR RELEASE

NURSE CALL LEGEND:

⊕ _{NC}	NURSE CALL BUTTON
⊕ _{NP}	NURSE CALL PATIENT BED STATION
⊕ _{NCB}	CODE CALL BUTTON
⊕ _{NSA}	NURSE CALL STAFF ASSIST STATION
⊕ _{NS}	NURSE CALL STAFF STATION
⊕ _{NSD}	NURSE CALL DUTY/STAFF STATION
⊕ _{ND}	NURSE CALL DUTY STATION
⊕ _{NL}	NURSE CALL LIGHT
⊕ _{NCL}	NURSE CALL CODE LIGHT
⊕ _{NZL}	NURSE CALL ZONE LIGHT
⊕ _{NM}	NURSE CALL MASTER STATION
⊕ _{NE}	NURSE CALL EMERGENCY PULL STATION
⊕ _{NIS}	NURSE CALL INFRARED SENSOR

LIGHT FIXTURE LEGEND:

⊕ _{LF}	LIGHTING FIXTURE (SEE LIGHTING FIXTURE SCHEDULE FOR LETTER DESIGNATION AND DESCRIPTION OF FIXTURES)
⊕ _{EN}	EMERGENCY AND/OR NIGHT LIGHT LIGHTING FIXTURE
⊕ _{EL}	EXIT LIGHTING FIXTURE UNIVERSAL MOUNT, SINGLE/DOUBLE FACE (WHERE USED, ARROW INDICATES CHEVRON DIRECTION)
⊕ _B	BATTERY POWERED EMERGENCY LIGHT
⊕ _{ERH}	EMERGENCY LIGHT REMOTE HEAD
⊕ _{TL}	TRACK LIGHTING
⊕ _{PM}	POLE MOUNTED LIGHTING (QUANTITY AND ORIENTATION OF HEADS AS SHOWN)
⊕ _{OS}	OCCUPANCY SENSOR - CEILING MOUNTED
⊕ _{VS}	VACANCY 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 (INCANDESCENT)
D3	THREE WAY DIMMER (INCANDESCENT)
DF	DIMMER (FLUORESCENT)
V	VACANCY SENSOR SWITCH

PANEL LEGEND:

⊕ _{EX}	EXISTING ELECTRICAL PANEL
⊕ _{NEW}	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
⊕ _{ES}	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)

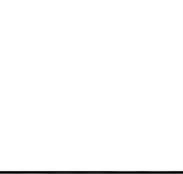
GENERAL ELECTRICAL NOTES:

- HATCHED AREAS DESIGNATE EXISTING EQUIPMENT TO BE REMOVED, UNLESS OTHERWISE NOTED.
 - ALL WORK TO BE DONE IN ACCORDANCE WITH THE 2014 EDITION OF THE NATIONAL ELECTRIC CODE (NECA 70).
 - CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND COORDINATE WITH EXISTING EQUIPMENT PRIOR TO BIDDING.
 - 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.
 - 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.
 - 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.
 - ALL CONDUIT ROUTES SHOWN ARE APPROXIMATE ONLY. CONTRACTOR SHALL FIELD VERIFY FINAL ROUTE.
 - 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:**
- 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:**
- UNLESS NOTED OTHERWISE ON THE DRAWINGS OR ON THE EQUIPMENT WIRING SCHEDULE, EACH BRANCH CIRCUIT SHALL BE WIRED (3) #12 AWG (MINIMUM) (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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 SED # 13-11-01-04-0-002-020

DATE	DRAWN	CHECKED
09/18/2020	ZG	CML
SCALE AS NOTED		
SHEET TITLE		
ELECTRICAL LEGEND & ABBREVIATIONS		

PROJECT NUMBER
15650.00

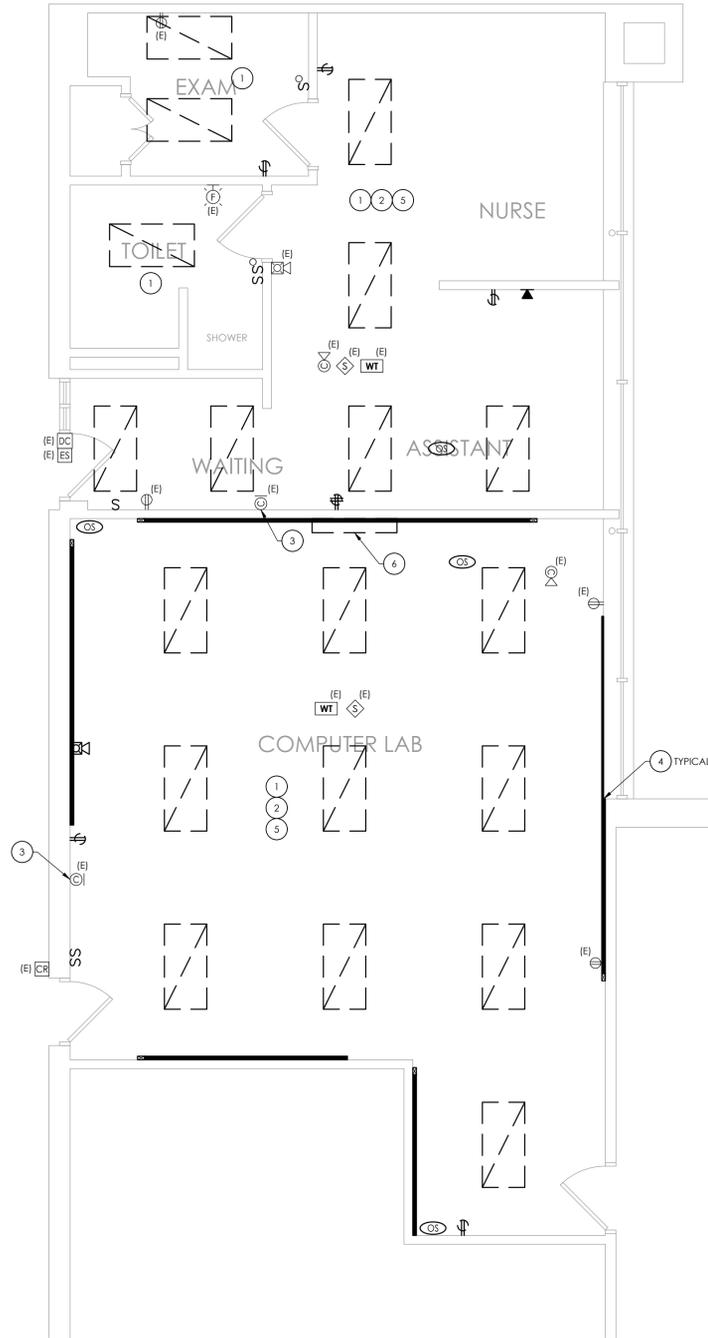
MSHS
E000
DRAWING NUMBER

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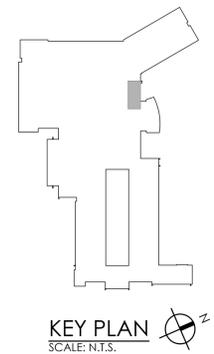
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1 ELECTRICAL DEMOLITION PLAN
 E100 SCALE: 1/4" = 1'-0"



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.
- 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 DISCONNECT AND REMOVE LIGHT FIXTURES. EXISTING CONDUIT AND WIRING TO REMAIN FOR RE-USE.
- 2 CEILING DEVICES TAGGED AS (E) ARE TO BE REMOVED AND STORED FOR RELOCATION. TAG WIRING FOR RE-USE. REFER TO DRAWING E-200 FOR NEW LOCATIONS.
- 3 EXISTING CLOCKS TO BE REMOVED AND STORED FOR RELOCATION. TAG WIRING FOR RE-USE. REFER TO DRAWING E-200 FOR NEW LOCATIONS.
- 4 DISCONNECT AND REMOVE ALL SURFACE RACEWAY INDICATED. TAG ALL DATA CABLING WIRING FOR RE-USE AT NEW LOCATIONS. REMOVE ALL OTHER WIRING BACK TO SOURCE.
- 5 DISCONNECT AND REMOVE ALL RECEPTACLES AS SHOWN. PULL BACK CIRCUITRY AND TAG FOR RE-USE. REFER TO DRAWING E-200 FOR NEW RECEPTACLES.
- 6 DISCONNECT AND REMOVE EXISTING SMARTBOARD. TURN OVER TO OWNER. REMOVE ALL ASSOCIATED CABLING AND TURN OVER TO OWNER.



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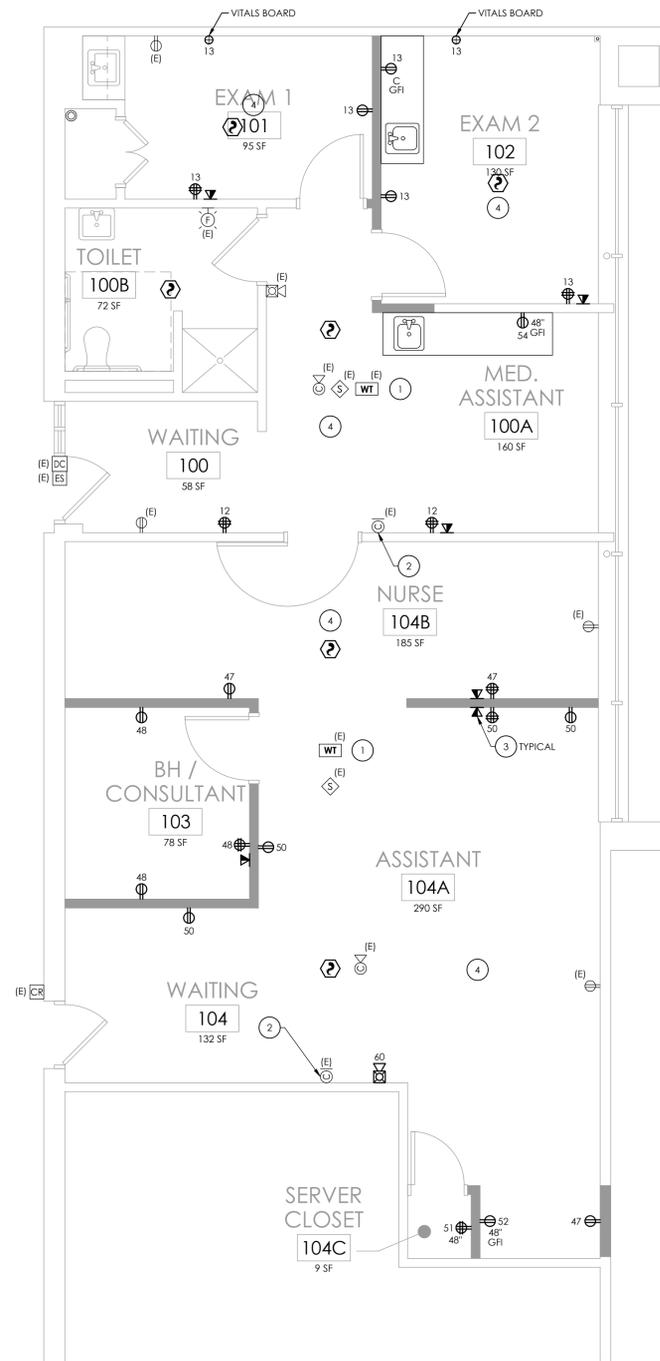
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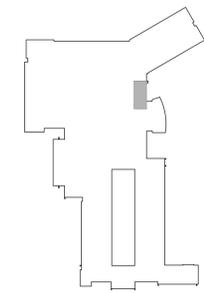
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 SED # 13-11-01-04-0-002-020

DATE	DRAWN	CHECKED
09/18/2020	MAY	JBT
SCALE	AS NOTED	
SHEET TITLE		
ELECTRICAL DEMOLITION PLAN		

PROJECT NUMBER
 15650.00
MSHS
E100
 DRAWING NUMBER



1 ELECTRICAL NEW WORK PLAN
 E200 SCALE: 1/4" = 1'-0"



KEY PLAN
 SCALE: N.T.S.

GENERAL NOTES:

- A. FOR ALL 120V DEVICES SHOWN, WIRE WITH (2)#12, #12G IN 3/4" AND CONNECT TO 20A/1P CIRCUIT BREAKER IN PANEL OF CIRCUIT INDICATED ADJACENT TO DEVICE.
- B. FOR ALL WALL MOUNT VOICE/DATA DROPS SHOWN, PROVIDE FLUSH MOUNT 2-GANG BOX WITH SINGLE GANG DEVICE RING. PROVIDE (2) CATEGORY 6 UTP CABLES IN 1-1/4" CONDUIT ABOVE FINISHED CEILING SPACE TO ASSOCIATED FLOOR DATA RACK. PROVIDE ASSOCIATED 2-PORT FACEPLATE, (2) RJ45 JACKS, ETC. AT DROP LOCATION.

KEY NOTES:

- 1 CEILING DEVICES TAGGED AS (E) ARE RELOCATED TO LOCATION INDICATED. CONNECT TO EXISTING TAGGED WIRING. REWORK/EXTEND EXISTING WIRING AS NECESSARY TO ACCOMMODATE NEW DEVICE LOCATIONS.
- 2 RELOCATED CLOCK LOCATIONS. CONNECT TO EXISTING WIRING. REWORK/EXTEND EXISTING WIRING AS NECESSARY TO ACCOMMODATE NEW DEVICE LOCATIONS.
- 3 UTILIZE EXISTING TAGGED DATA WIRING FOR NEW DEVICES. REWORK/EXTEND EXISTING WIRING AS NECESSARY TO ACCOMMODATE NEW DEVICE LOCATIONS.
- 4 CONNECT NEW RECEPTACLES TO EXISTING CIRCUITRY TAGGED FOR RE-USE. NUMBERS ADJACENT TO RECEPTACLES ARE EXISTING CIRCUITS USED IN THESE SPACES.



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DATE	DRAWN	CHECKED
09/18/2020	MAY	JBT
SCALE AS NOTED		
SHEET TITLE		
ELECTRICAL NEW WORK PLAN		

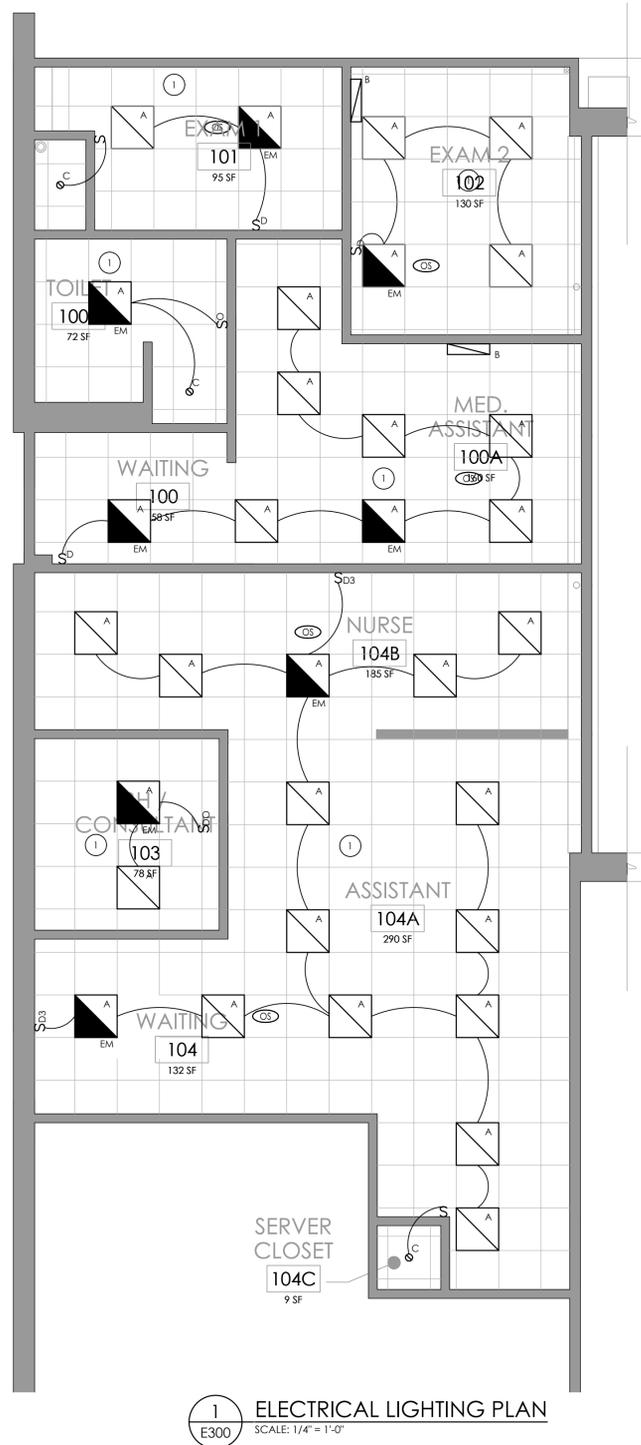
PROJECT NUMBER	15650.00
MSHS	E200
DRAWING NUMBER	

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1
E300 ELECTRICAL LIGHTING PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- A. FIXTURE TYPE MARK IS INDICATED ADJACENT TO NEW LIGHT FIXTURES. REFER TO LUMINAIRE SCHEDULE ON SHEET MSHS-E300 FOR FIXTURE DESCRIPTIONS, NOTES, AND SPECIFICATIONS.
- B. LIGHT FIXTURES SHOWN SHALL BE WIRED WITH (2) #12, (1) #12 GND IN 3/4" CONDUIT, WIRED TO PANEL AND CIRCUIT INDICATED. CIRCUITS EXCEEDING 100' SHALL BE WIRED WITH #10 CONDUCTORS.
- C. INSTALL SWITCHING AND LOW-VOLTAGE SENSORS AS SHOWN. PROVIDE ALL LOW-VOLTAGE WIRING BETWEEN SENSORS, SWITCHES, CONTROLLERS, AND LUMINAIRES.
- D. PROVIDE ANY ADDITIONAL POWER SUPPLIES OR OTHER MISCELLANEOUS COMPONENTS REQUIRED FOR A COMPLETE OPERATIONAL LIGHTING SYSTEM TO MEET INTENT OF LIGHTING SEQUENCE OF OPERATION AS SHOWN.
- E. ALL FIXTURES INDICATED WITH "EM" DESIGNATION SHALL HAVE EMERGENCY BATTERY BACKUP, WIRED TO UNSWITCHED HOT LEG OF CIRCUITRY FEEDING THIS SPACE.

KEY NOTES:

- 1** NEW LIGHTING TO BE TIED INTO EXISTING CIRCUITRY TAGGED FOR RE-USE. REWORK/EXTEND EXISTING WIRING AS NECESSARY TO ACCOMMODATE NEW LIGHTING LAYOUT.

LUMINAIRE SCHEDULE

MARK	DESCRIPTION	DESIGN MAKE	MODEL #	VOLTS	LAMP			REMARKS
					QTY	WATTS	MODEL #	
A	2X2 RECESSED LED TROFFER	HUBBELL LIGHTING	50L-G-D-22-SOF-C1-35K9-D400-D01-UNV	UNV	-	34	3500K	-
A/EM	2X2 RECESSED LED TROFFER WITH EMERGENCY BATTERY BALLAST	HUBBELL LIGHTING	50L-G-D-22-SOF-C1-35K9-D400-D01-UNV-EF	UNV	-	34	3500K	2.3
B	UNDERCABINET LED LIGHT WITH INTERNAL ROCKER SWITCH	HUBBELL LIGHTING	CUC2-ED120	UNV	-	14	3000K	-
C	4" RECESSED LED DOWNLIGHT	HUBBELL LIGHTING	CTR-4RD-H-ML-30L-DM1-LTR-4RD-T-ML-35K-9-MD-SS-WC-FM	UNV	-	35	3500K	1

REMARKS:

- 1. PROVIDE FIXTURE WITH DRYWALL FLANGE KIT.
- 2. ALL FIXTURES SHOWN WITH AN "EM" DESIGNATION INDICATES EMERGENCY LIGHTING FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP FOR EACH FIXTURE INDICATED.
- 3. ALL EMERGENCY FIXTURES "EM" SHALL HAVE 90-MINUTE BATTERY CAPACITY AND HAVE INTEGRAL TEST SWITCH.



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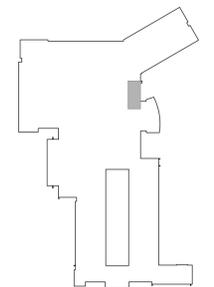
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DATE 09/18/2020	DRAWN MAY	CHECKED JBT
SCALE AS NOTED		
SHEET TITLE ELECTRICAL LIGHTING PLAN		



KEY PLAN
SCALE: N.T.S.

PROJECT NUMBER 15650.00
MSHS E300 DRAWING NUMBER

Plotted By: Brendan Mazza

Date last plotted: 9/18/2020 4:02 PM

Date last accessed: 9/18/2020 3:41 PM

Drawing Name: S:\Projects\Webutuck_CSD\HS & MS Health Center\VD Design\06 CAD\AutoCAD\PLUMB\P2\P201.dwg

GENERAL NOTES:

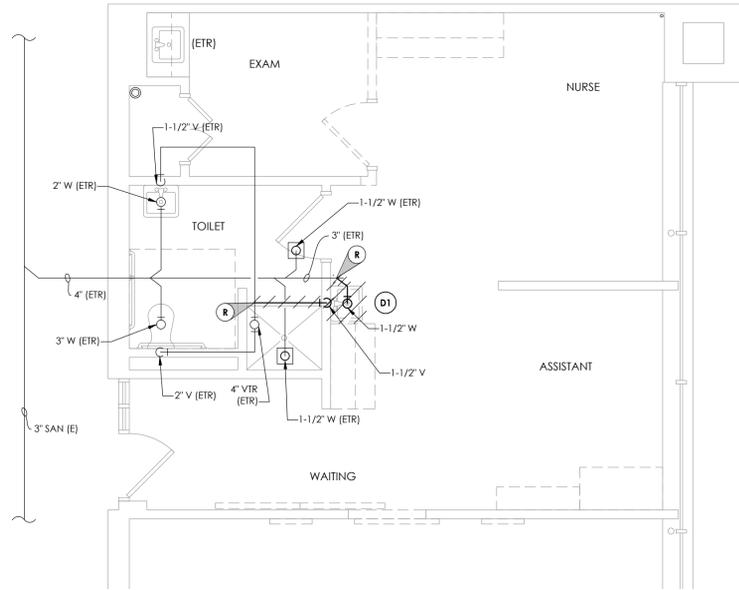
1. VERIFY ALL PIPES SIZES AND LOCATIONS PRIOR TO DEMOLITION.

DEMOLITION NOTES:

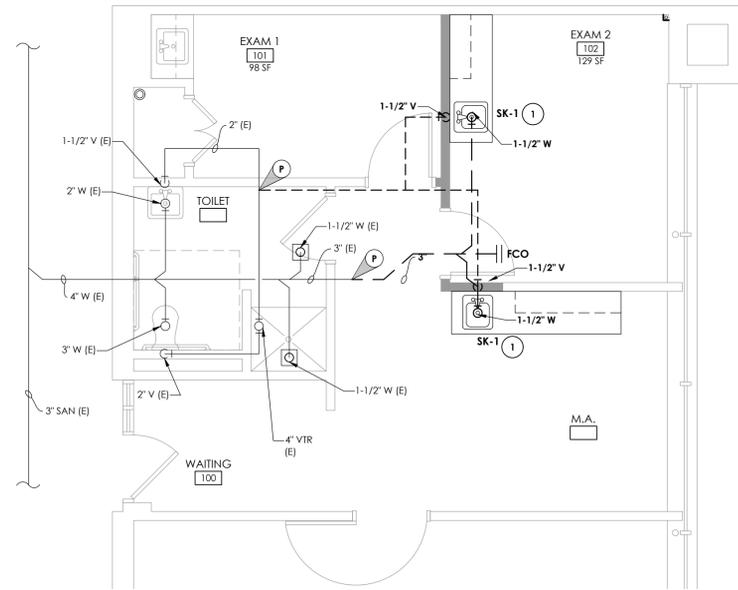
- (D1) REMOVE EXISTING SINK IN ITS ENTIRETY AND ALL ASSOCIATED SANITARY, VENT AND DOMESTIC PIPING BACK TO POINTS INDICATED. PREPARE FOR NEW WORK.

KEY NOTES:

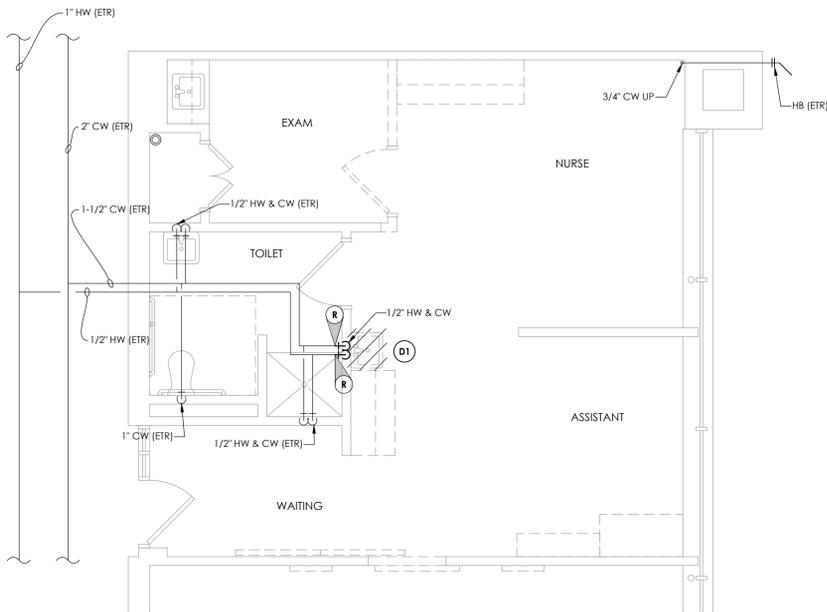
- (1) INSTALL NEW SINK AND PROVIDE NEW DOMESTIC, SANITARY AND VENT PIPING. CONNECT TO EXISTING MAINS AS SHOWN. PROVIDE ALL SLAB CUTTING, REMOVAL, TRENCHING, BACKFILLING, NEW CONCRETE SLAB, AND FINISHES AS REQUIRED TO ACCOMMODATE NEW WORK.
- (2) RELOCATE EXISTING ISOLATION VALVE PIPE DROP TO ABOVE CEILING TO PROVIDE ACCESS TO VALVE FOR NEW PIPE CHASE. MODIFY PIPING AS NECESSARY. COORDINATE SHUTTING OFF WATER WITH DISTRICT.



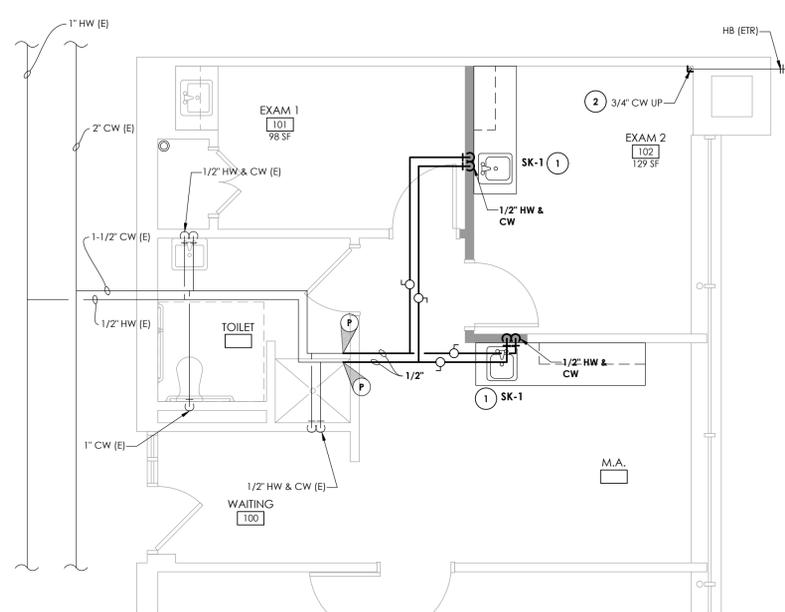
1 SANITARY AND VENT PIPING DEMOLITION PLAN
 P201 SCALE: 1/4" = 1'-0"



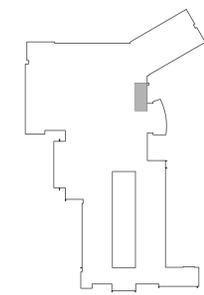
2 SANITARY AND VENT NEW WORK PLAN
 P201 SCALE: 1/4" = 1'-0"



3 DOMESTIC PIPING DEMOLITION PLAN
 P201 SCALE: 1/4" = 1'-0"



4 DOMESTIC PIPING NEW WORK PLAN
 P201 SCALE: 1/4" = 1'-0"



KEY PLAN
 SCALE: N.T.S.



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**WEBUTUCK
 CENTRAL SCHOOL DISTRICT**
 OPEN DOOR SBHC /
 SCHOOL HEALTH OFFICE
 WEBUTUCK MIDDLE/HIGH SCHOOL
 SED # 13-11-01-04-0-002-020

DATE	DRAWN	CHECKED
09/18/2020	BKM	JJM
SCALE	NTS	
SHEET TITLE		
PLUMBING DEMOLITION AND NEW WORK PLAN		

PROJECT NUMBER
 15650.00
MSHS
P201
 DRAWING NUMBER