

OUTAGAMIE COUNTY PHYSICAL THERAPY CLINIC

410 SOUTH WALNUT STREET | APPLETON, WISCONSIN

CODE SUMMARY

2015 INTERNATIONAL BUILDING CODE (IBC), 2015 INTERNATIONAL EXISTING BUILDING CODE, 2015 INTERNATIONAL MECHANICAL CODE (IMC) AND INTERNATIONAL ENERGY CONSERVATION CODE (IECC) WITH WISCONSIN AMENDMENTS APPLY TO THIS PROJECT IN ADDITION TO 2009 ICC / ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES.

TYPE OF CONSTRUCTION (TABLE 601):	TYPE IA (NON-COMBUSTIBLE)	
OCCUPANCY CLASSIFICATION (302.1):	GROUP B (CIVIC ADMINISTRATION & PROFESSIONAL SERVICES)	
ALLOWABLE HEIGHT (TABLE 504.3):	UNCHANGED	
ALLOWABLE NO. STORIES (TABLE 504.4)	UNCHANGED	
ALLOWABLE AREA (TABLE 506.2)	UNCHANGED	
ACTUAL HEIGHT AND AREA:	BUILDING: UNCHANGED CLINIC & PC LAB: 3850 G.S.F.	
FIRE PROTECTION (903.2):	NFPA TYPE 13	
FIRE RATINGS (TABLE 601)		
PRIMARY STRUCTURAL FRAME:	3 HOUR	
BEARING WALLS:	3 HOUR	
NON-BEARING WALLS:	0 HOUR	
FLOOR CONSTRUCTION:	2 HOUR	
ROOF CONSTRUCTION:	1-1/2 HOUR	
EXTERIOR WALLS (TABLE 602):	1 HOUR	
OCCUPANT LOAD (TABLE 1004.1.2)	13100 G.S.F. @ 100 GROSS = 131 OCC.	
PHYSICAL THERAPY CLINIC (GROUP B)	1765 S.F. @ 100 GROSS = 17.7 OCC.	
COMPUTER LAB (GROUP B)	1075 S.F. @ 100 GROSS = 10.8 OCC.	
EXISTING STORAGE ROOM	2000 S.F. @ 300 GROSS = 6.7 OCC.	
EXISTING CANTINEEN	525 S.F. @ 15 NET = 35.0 OCC.	
EXISTING MEDICAL CLINIC	1085 S.F. @ 100 GROSS = 10.7 OCC.	
EXISTING IT OFFICES	770 S.F. @ 100 GROSS = 7.7 OCC.	
EXISTING SERVER ROOM	745 S.F. @ 300 GROSS = 2.5 OCC.	
TOTAL OCCUPANT LOAD	92 OCCUPANTS	
EGRESS WIDTH (1005.3.2):		
FLOOR LEVEL:	131 OCC. x 0.2 = 27 IN. (68 IN. PROVIDED)	
CLINIC & COMPUTER LAB	29 OCC. x 0.2 = 5.8 IN. (68 IN. PROVIDED)	
EXIT ACCESS TRAVEL (TABLE 1017.2):	300 FEET MAX., 195 FEET PROVIDED	
COMMON PATH OF EGRESS TRAVEL (TABLE 1006.2.1):	100 FEET	
DEAD END CORRIDOR (1020.4):	20 FEET MAX.	
EMERGENCY EGRESS ILLUMINATION (1008.2.1)	MIN. 1.0 Fc	
SANITARY FIXTURES, 11 OCC. (1006.2.1):	BASED ON 11 OCCUPANTS, 50% EACH SEX	
FIXTURE	REQUIRED	PROVIDED
MALE W/C	3	1 (PLUS 2 URINALS) (EXISTING TOILET ROOM)
FEMALE W/C	3	2 (EXISTING TOILET ROOM)
SINGLE USE W/C	0	1 WITHIN MEDICAL CLINIC
MALE LAVATORY	2	2 (EXISTING TOILET ROOM)
FEMALE LAVATORY	2	2 (EXISTING TOILET ROOM)
SERVICE SINK	1	1 (EXISTING CUSTODIAL CLOSET)
DRINKING FOUNTAIN	1	2

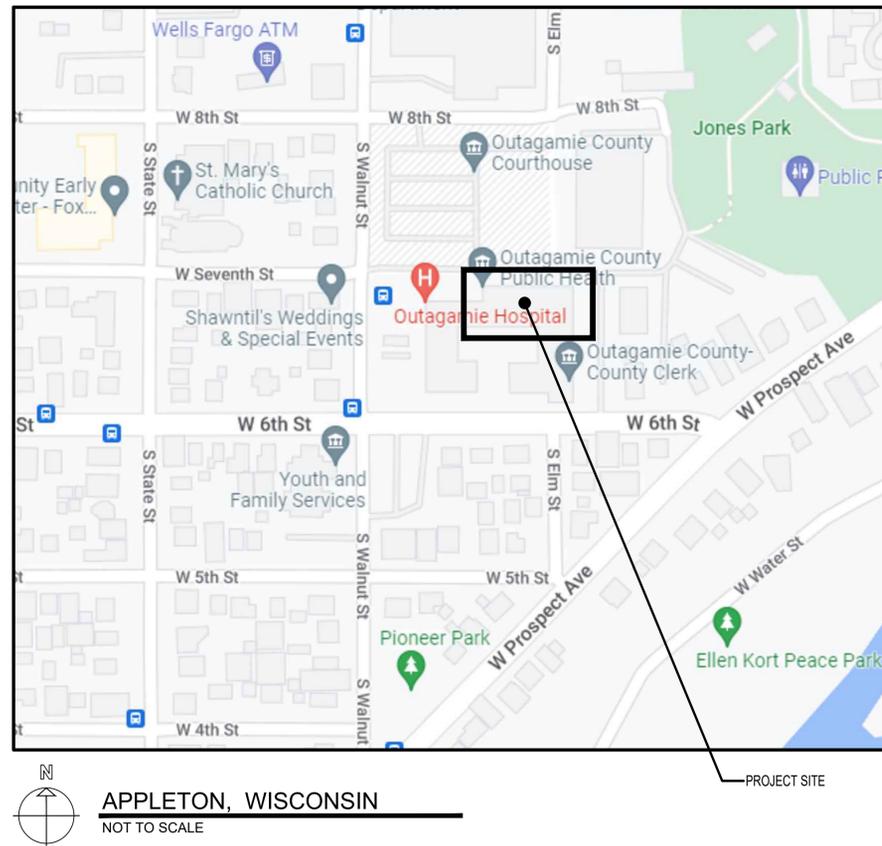
ONE SET OF CONDITIONALLY APPROVED STAMPED DRAWINGS MUST BE KEPT ON THE JOBSITE AT ALL TIMES DURING CONSTRUCTION AND MADE AVAILABLE TO STATE AND LOCAL INSPECTORS.

CONTRACTOR SHALL CONTACT THE LOCAL BUILDING INSPECTOR FOR REQUIRED INSPECTIONS OF WORK. SEE CONDITIONAL APPROVAL LETTER FOR CONTACT INFORMATION.

GENERAL PROJECT NOTES

- REFER TO ALL DRAWINGS INCLUDING ARCHITECTURAL, SITE, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS AND SYMBOLS.
- THIS PROJECT INCORPORATES DESIGN-BUILD CONTRACTORS WHO, IF NECESSARY, WILL CONTRACT WITH OWN ENGINEER OF RECORD FOR ANY REQUIRED SUBMITTALS INCLUDING HVAC, ELECTRICAL, LIGHTING, ENERGY CALCULATIONS, EMERGENCY EGRESS LIGHTING, EXTERIOR LIGHTING AND FIRE PROTECTION.
- ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT DOCUMENTS. CONTRACTORS SHALL REVIEW ALL DRAWINGS BEFORE THE INSTALLATION OF THEIR WORK. SHOULD THERE BE A DISCREPANCY WITHIN AND BETWEEN THE DRAWINGS THAT WOULD CAUSE AN AWKWARD OR IMPROPER INSTALLATION, NOTIFY ARCHITECT FOR CLARIFICATION PRIOR TO INSTALLATION OF SAID WORK. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. USE GIVEN DIMENSIONS. CONTRACTORS SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO THE START OF CONSTRUCTION. IF DISCREPANCIES ARE FOUND, NOTIFY ARCHITECT FOR CLARIFICATION BEFORE COMMENCING THE WORK.
- DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- CONTRACTORS SHALL PROVIDE STIFFENERS, BRACING, BACKING PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE PROPER INSTALLATION OF ALL CASEWORK AND MISCELLANEOUS EQUIPMENT WHETHER SUCH SUPPORTS ARE SHOWN OR NOT.
- GC SHALL COORDINATE MECHANICAL, PLUMBING, ELECTRICAL AND FIRE PROTECTION FLOOR ROOF AND WALL SLEEVES AND SHAFTS WITH MECHANICAL, PLUMBING, ELECTRICAL, STRUCTURAL AND ARCHITECTURAL DRAWINGS.
- ALL INTERIOR FINISHES MUST CONFORM TO 2015 INTERNATIONAL BUILDING CODE WITH WISCONSIN AMENDMENTS, CHAPTER 8 INTERIOR FINISHES, AND ALL OTHER APPLICABLE CODES AND ORDINANCES INCLUDING TABLE 803.11.
- WORK CAN BE PERFORMED ANY TIME BETWEEN THE HOURS OF 5 AM TO 11 PM MONDAYS THROUGH FRIDAYS, EXCLUDING COUNTY HOLIDAYS. THE COUNTY CAN ALSO ACCOMMODATE EARLIER HOURS IF NEEDED FOR NOISIER TASKS SUCH AS CONCRETE REMOVAL, PROVIDED IT IS SCHEDULED WITH THE OWNER AT LEAST TWO DAYS IN ADVANCE.
- EXCESSIVELY NOISY WORK SUCH AS CONCRETE CUTTING, JACKHAMMERING OR HAMMER DRILLING THAT WOULD CAUSE DISTURBANCE ON OTHER FLOORS WITHIN THE BUILDING SHALL BE PERFORMED OUTSIDE OF THE COUNTY'S BUSINESS HOURS OF 8:00 AM TO 4:30 PM.
- PARKING IS VERY LIMITED ON THE COUNTY'S CAMPUS. NO PARKING WILL BE ALLOWED IN THE COURTYARD AREA WITH THE EXCEPTION OF SHORT TERM PARKING TO LOAD/UNLOAD TOOLS AND SUPPLIES. THE COUNTY WILL PROVIDE NEARBY PARKING OUTSIDE OF THE COURTYARD FOR UP TO TWO CONTRACTOR VEHICLES, HOWEVER ALL OTHER CONTRACTOR EMPLOYEES WILL BE REQUIRED TO PARK ON NEARBY CITY STREETS OR PARKING RAMPS.
- DUMPSTER SPACE IS ALSO LIMITED. A MEDIUM SIZED DUMPSTER CAN BE ACCOMMODATED WITHIN THE COURTYARD FOR SHORT PERIODS OF TIME SUCH AS A COUPLE OF DAYS AT A TIME FOR DEMOLITION AND FINAL CLEAN UP, HOWEVER THERE IS NOT ENOUGH SPACE TO KEEP A DUMPSTER ON SITE FOR THE DURATION OF THE PROJECT. DUMPSTER LOCATION/USE, PARKING AND OFF HOUR WORK SCHEDULES SHALL BE COORDINATED WITH THE OWNER AT LEAST 2 DAY AHEAD OF TIME.
- CONTRACTOR SHALL PROVIDE DUST CONTROL AND MUST PROTECT HARD FLOOR SURFACES WITHIN PUBLIC CORRIDORS AND ROUTE TO THE WORK AREA.

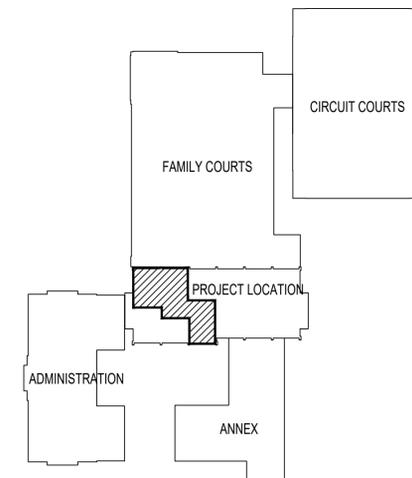
PROJECT LOCATION



APPLETON, WISCONSIN
NOT TO SCALE

SHEET INDEX

G1.0	COVER SHEET
G1.1	GENERAL INFORMATION
G2.1	CODE PLAN
D1.1	DEMOLITION PLAN AND NOTES
A1.1	FLOOR PLAN AND NOTES
A2.1	SCHEDULES, INTERIOR ELEVATIONS, NOTES AND DETAILS
A3.1	REFLECTED CEILING PLAN AND NOTES
FP-1	FIRE PROTECTION FIRST FLOOR PLAN
P-1	PLUMBING FLOOR PLANS
P-2	PLUMBING ISOMETRICS & FIXTURE SCHEDULES
H1.0	H.V.A.C. DEMOLITION PLAN AND NOTES
H1.1	H.V.A.C. FLOOR PLAN
E0.1	ELECTRICAL DEMOLITION PLAN
E1.1	ELECTRICAL LIGHTING PLAN & DETAILS
E1.2	ELECTRICAL POWER/SYSTEMS PLAN
E2.1	ELECTRICAL POWER/SYSTEMS PLAN AND SCHEDULES
E3.1	ELECTRICAL DETAILS AND TELECOMMUNICATIONS SPECIFICATIONS
E4.1	ELECTRICAL DETAILS AND SYMBOLS LIST



GOVERNMENT CENTER KEY PLAN

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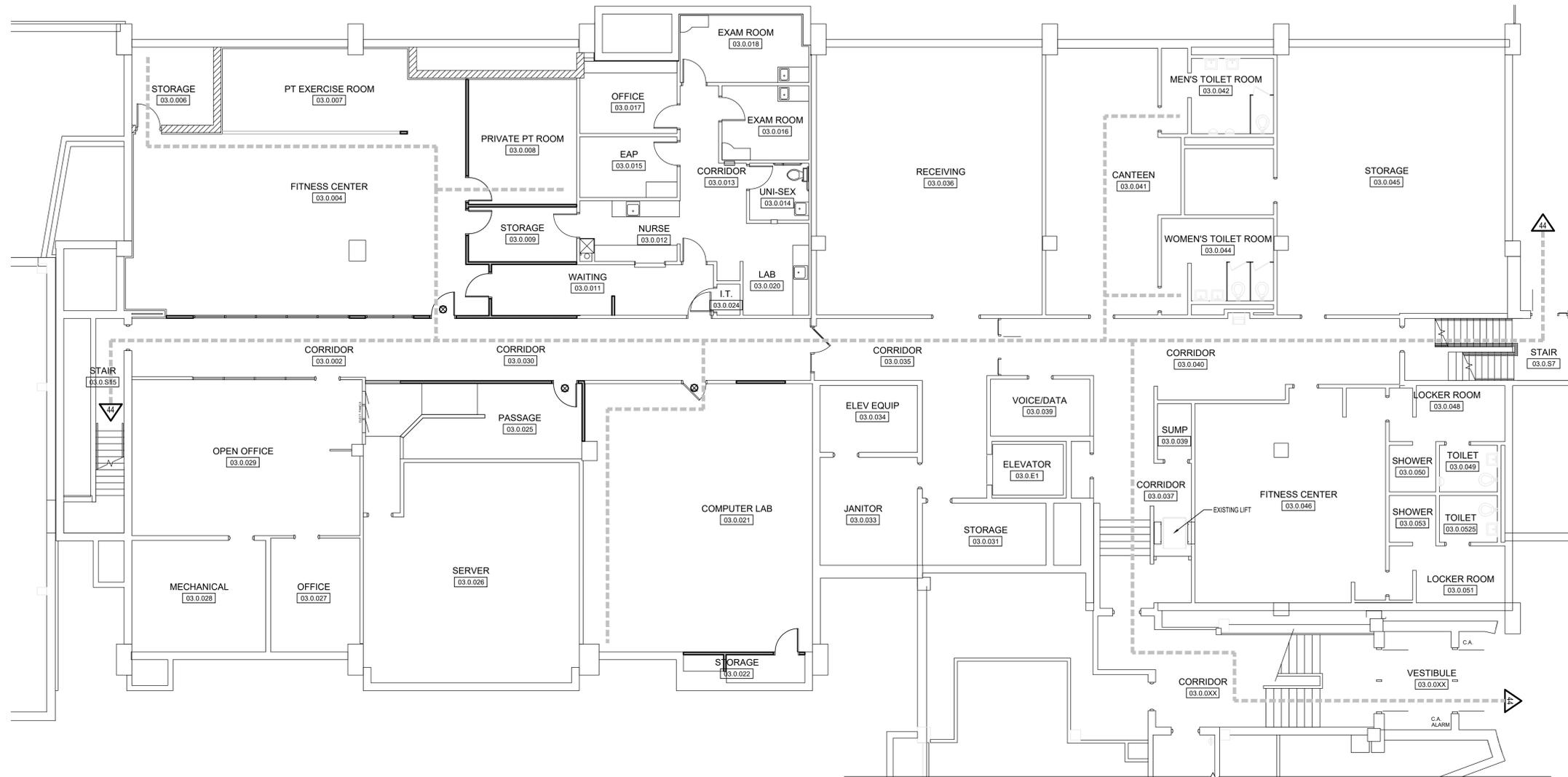
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SCALE	DATE
-	11/22/2024
PROJECT NUMBER	
1-0915-011	

COVER SHEET

DRAWING NO.
G1.0




1 **CODE PLAN**
 G2.1 1/8" = 1'-0"

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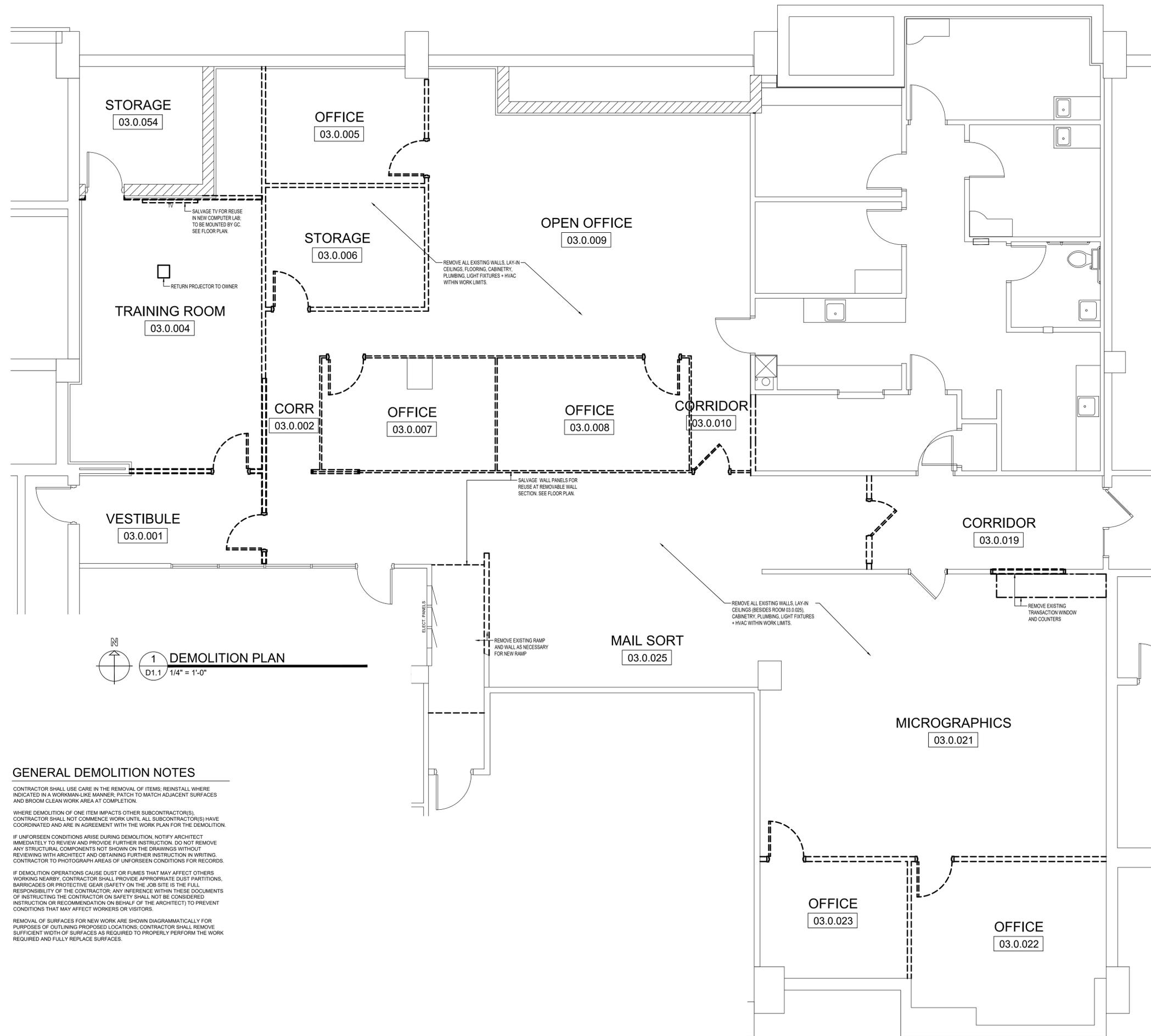
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 410 SOUTH WALNUT STREET | APPLETON, WISCONSIN

SCALE 1/8" = 1'-0"	DATE 11/22/2024
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CODE PLAN

 DRAWING NO.
G2.1



GENERAL DEMOLITION NOTES

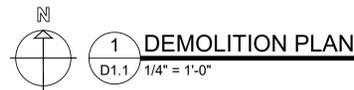
CONTRACTOR SHALL USE CARE IN THE REMOVAL OF ITEMS. REINSTALL WHERE INDICATED IN A WORKMAN-LIKE MANNER. PATCH TO MATCH ADJACENT SURFACES AND BROOM CLEAN WORK AREA AT COMPLETION.

WHERE DEMOLITION OF ONE ITEM IMPACTS OTHER SUBCONTRACTOR(S), CONTRACTOR SHALL NOT COMMENCE WORK UNTIL ALL SUBCONTRACTOR(S) HAVE COORDINATED AND ARE IN AGREEMENT WITH THE WORK PLAN FOR THE DEMOLITION.

IF UNFORSEEN CONDITIONS ARISE DURING DEMOLITION, NOTIFY ARCHITECT IMMEDIATELY TO REVIEW AND PROVIDE FURTHER INSTRUCTION. DO NOT REMOVE ANY STRUCTURAL COMPONENTS NOT SHOWN ON THE DRAWINGS WITHOUT REVIEWING WITH ARCHITECT AND OBTAINING FURTHER INSTRUCTION IN WRITING. CONTRACTOR TO PHOTOGRAPH AREAS OF UNFORSEEN CONDITIONS FOR RECORDS.

IF DEMOLITION OPERATIONS CAUSE DUST OR FUMES THAT MAY AFFECT OTHERS WORKING NEARBY, CONTRACTOR SHALL PROVIDE APPROPRIATE DUST PARTITIONS, BARRICADES OR PROTECTIVE GEAR (SAFETY ON THE JOB SITE IS THE FULL RESPONSIBILITY OF THE CONTRACTOR. ANY INFERENCE WITHIN THESE DOCUMENTS OF INSTRUCTING THE CONTRACTOR ON SAFETY SHALL NOT BE CONSIDERED INSTRUCTION OR RECOMMENDATION ON BEHALF OF THE ARCHITECT) TO PREVENT CONDITIONS THAT MAY AFFECT WORKERS OR VISITORS.

REMOVAL OF SURFACES FOR NEW WORK ARE SHOWN DIAGRAMMATICALLY FOR PURPOSES OF OUTLINING PROPOSED LOCATIONS. CONTRACTOR SHALL REMOVE SUFFICIENT WIDTH OF SURFACES AS REQUIRED TO PROPERLY PERFORM THE WORK REQUIRED AND FULLY REPLACE SURFACES.



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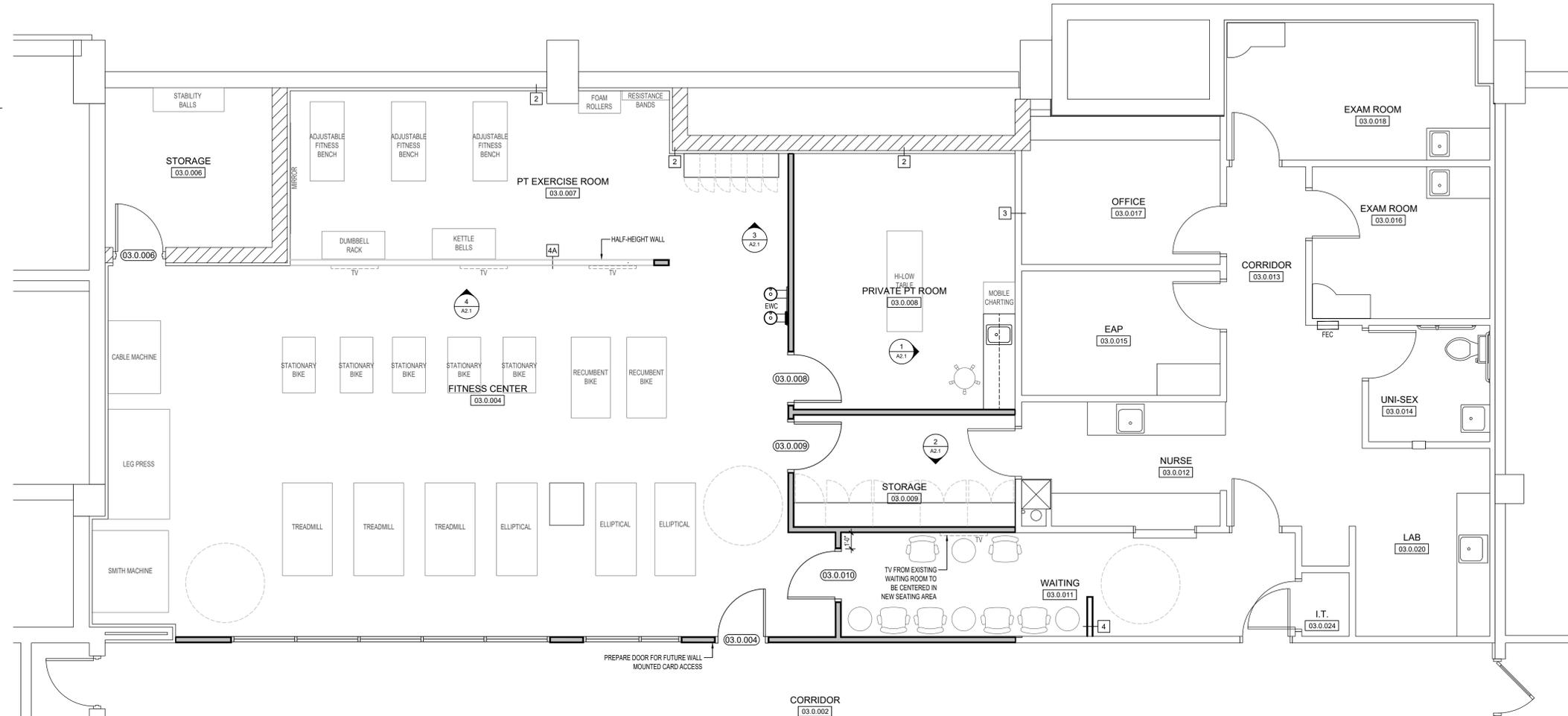
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 410 SOUTH WALNUT STREET | APPLETON, WISCONSIN

SCALE	DATE
1/4"=1'-0"	11/22/2024
PROJECT NUMBER	
1-0915-011	
DEMOLITION PLAN AND NOTES	
DRAWING NO. D1.1	

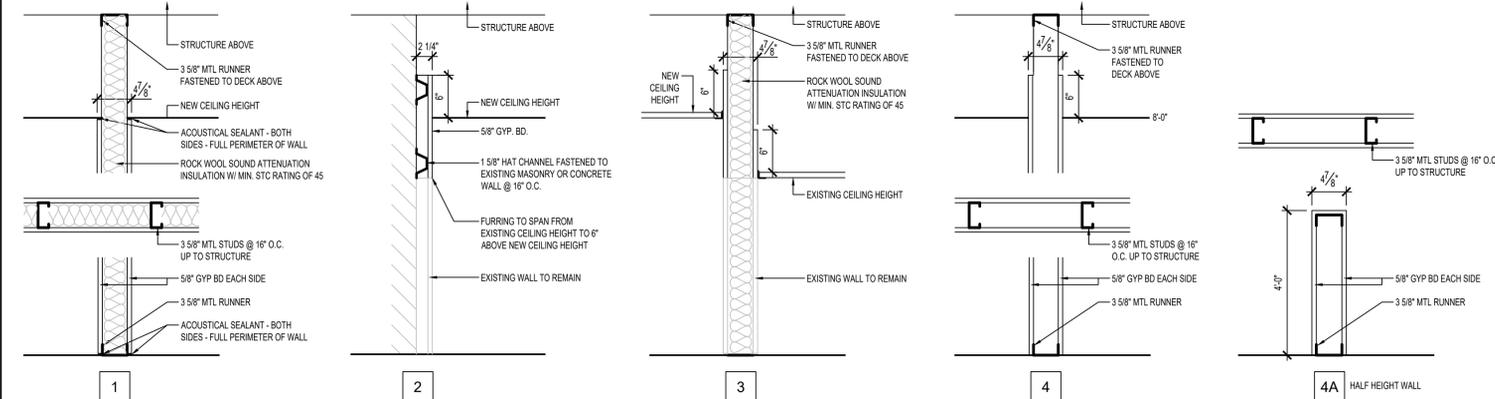
GENERAL CONSTRUCTION NOTES

INTERIOR WALLS ARE DIMENSIONED FINISH TO FINISH UNLESS NOTED OTHERWISE.
 ALL INTERIOR PARTITIONS ARE TYPE 1 UNLESS NOTED OTHERWISE. SEE WALL TYPES.
 DO NOT SCALE THE DRAWINGS. WRITTEN DIMENSIONS OR NOTES SHALL DETERMINE.
 IF THERE ARE MISSING DIMENSIONS OR DISCREPANCIES, IT IS THE RESPONSIBILITY
 OF THE CONTRACTOR TO CONTACT THE ARCHITECT PRIOR TO FABRICATION OR
 CONSTRUCTION.
 PROVIDE BACKING/BLOCKING AS REQUIRED FOR OWNER'S EQUIPMENT AS REQUIRED.
 COORDINATE LOCATION WITH OWNER.
 SEAL ALL WALL PENETRATIONS WITH ACOUSTIC SEALANT TO MAINTAIN STC RATING.



1 PARTIAL FIRST FLOOR PLAN
 A1.1 1/4" = 1'-0"

WALL TYPES



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FLOOR PLAN AND NOTES
 DRAWING NO.
 A1.1

DOOR AND FRAME SCHEDULE																
DOOR NO	SIZE			DOOR				FRAME			HARDWARE				REMARKS	
	WIDTH	HT	THK	TYPE	CORE	MAT	FIN	TYPE	MAT	FIN	JAMB HEAD SILL	GLASS TYPE	FIRE LABEL	HDWE GRP		KEY SIDE
03.0.004	3'-0"	7'-0"	1-3/4"	WD2	SOLID	WOOD	PREF	HM-1	HM	PREF		A	NONE	1	03.0.002	
03.0.006	EXISTING TO REMAIN											NONE	NONE	EXIST	03.0.004	
03.0.008	3'-0"	7'-0"	1-3/4"	WD1	SOLID	WOOD	PREF	HM-1	HM	PREF		NONE	NONE	3	03.0.004	
03.0.009	3'-0"	7'-0"	1-3/4"	WD1	SOLID	WOOD	PREF	HM-1	HM	PREF		NONE	NONE	6		
03.0.010	3'-0"	7'-0"	1-3/4"	WD3	SOLID	WOOD	PREF	HM-1	HM	PREF		A	NONE	2	03.0.010	
03.0.021	EXISTING TO REMAIN											A	NONE	EXIST	03.0.030	
03.0.022	3'-0"	7'-0"	1-3/4"	WD1	SOLID	WOOD	PREF	HM-1	HM	PREF		NONE	NONE	6	03.0.021	
03.0.025	3'-0"	7'-0"	1-3/4"	WD2	SOLID	WOOD	PREF	HM-1	HM	PREF		A	NONE	1	03.0.030	

*ALL NEW DOORS TO HAVE LOCKING HARDWARE

HARDWARE SCHEDULE

FURNISH A.D.A. COMPLIANT LEVER TYPE HARDWARE. MATCH EXISTING.
ALL HARDWARE TO BE VERIFIED AND COORDINATED WITH OWNER PRIOR TO ORDERING. ALL HARDWARE TO MATCH ADJACENT MEDICAL CLINIC.

HARDWARE GROUP 1 1-1/2 PAIR BUTT HINGES 1 CLOSER 1 ENTRY LOCKSET	HARDWARE GROUP 4 1-1/2 PAIR BUTT HINGES 1 OFFICE LOCKSET
HARDWARE GROUP 2 1-1/2 PAIR BUTT HINGES 1 CLOSER 1 OFFICE LOCKSET	HARDWARE GROUP 5 1-1/2 PAIR BUTT HINGES 1 PASSAGE LOCKSET
HARDWARE GROUP 3 1-1/2 PAIR BUTT HINGES 1 PRIVACY LOCKSET	HARDWARE GROUP 6 1-1/2 PAIR BUTT HINGES 1 STOREROOM LOCKSET

GLASS TYPES

A 1/4" CLEAR, TEMPERED.

ROOM FINISH SCHEDULE															
ROOM NO.	ROOM NAME	FLOOR		WALLS				CEILING		REMARKS					
		MAT	WALL BASE	NORTH	SOUTH	EAST	WEST	MAT	CLG HT						
03.0.002	CORRIDOR	CPT	VB	GYP	PT	GYP	PT	EXIST	PT	EXIST	PT	ACP-1	8'-0"		
03.0.004	FITNESS CENTER	RB FLR	VB	GYP	PT	GYP	PT	GYP	PT	GYP	PT	ACP-1	10'-0"	RAISE CEILING + SPRINKLER LINES SEE RCP FOR SOFFIT HEIGHT	
03.0.006	STORAGE	EXISTING TO REMAIN											EXP	8'-0"	
03.0.007	PT EXERCISE ROOM	RB FLR	VB	GYP	PT	GYP	PT	GYP	PT	GYP	PT	ACP-1	10'-0"	RAISE CEILING + SPRINKLER LINES SEE RCP FOR SOFFIT HEIGHT	
03.0.008	PRIVATE PT ROOM	LVP	VB	GYP	PT	GYP	PT	EXIST	PT	GYP	PT	ACP-1	9'-0"		
03.0.009	STORAGE	LVP	VB	GYP	PT	GYP	PT	EXIST	PT	GYP	PT	ACP-1	8'-0"		
03.0.011	WAITING	MATCH	MATCH	GYP	PT	GYP	PT	EXIST	PT	GYP	PT	MATCH	8'-0"	EXTEND FINISHES FROM EXISTING WAITING ROOM	
03.0.021	COMPUTER LAB	CPT	VB	GYP	PT	GYP	PT	EXIST	PT	GYP	PT	ACP-1	8'-0"	ALT #1	
03.0.022	STORAGE	EXIST	VB	GYP	PT	EXIST	PT	EXIST	PT	EXIST	PT	ACP-1	8'-0"	ALT #1	
03.0.025	PASSAGE	NSF	VB	GYP	PT	EXIST	PT	GYP	PT	EXIST	PT	EXIST	8'-0"	MATCH EXISTING RAMP FLOORING AS CLOSE AS POSSIBLE	

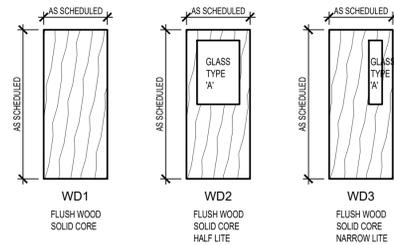
FINISHES KEY

ACP-1	SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM REVEAL EDGE WITH 15/16" GRID
CPT	CARPET TILE 50cm x 50cm, 18 OZ, COMMERCIAL GRADE, QUARTER TURN COLOR TO BE SELECTED BY OWNER (WITHIN PRICE RANGE)
EXIST	EXISTING TO REMAIN
EXP	EXPOSED STRUCTURE
GYP	GYPSUM WALL BOARD
LVP	LUXURY VINYL PLANK, MATCH ADJACENT MEDICAL CLINIC
MATCH	MATCH EXISTING FINISH AND EXTEND INTO NEW ROOM
NSF	COMMERCIAL GRADE NON-SLIP RUBBER FLOORING SHEETS
PT	PAINT (AND PATCH AS REQUIRED) PAINT COLOR TO MATCH ADJACENT MEDICAL CLINIC
RB FLR	COMMERCIAL GRADE RUBBER FLOORING INSTALLED PER MANUFACTURER'S SPECIFICATIONS
VB	VINYL WALL BASE

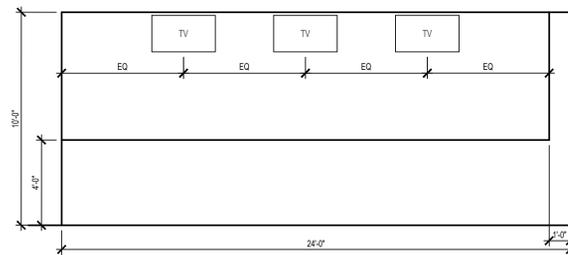
FINISH NOTES

- ALL INTERIOR FINISHES MUST CONFORM TO 2015 INTERNATIONAL BUILDING CODE WITH WISCONSIN AMENDMENTS, CHAPTER 8 INTERIOR FINISHES, AND ALL OTHER APPLICABLE CODES AND ORDINANCES INCLUDING IBC TABLE 803.11
- COORDINATE FINAL CEILING HEIGHT WITH HVAC CONTRACTOR AND OTHER TRADES. MAINTAIN 8'-0" MINIMUM CLEAR
- FINISH GYPSUM BOARD AND GYPSUM VENEER PLASTER WALLS WITH ONE COAT OF PRIME PAINT AND TWO COATS OF FINISH PAINT U.N.O.
- PROVIDE AND INSTALL APPROPRIATE TRANSITIONS BETWEEN CHANGES IN FLOORING. TRANSITIONS SHALL BE ATTACHED FIRMLY TO SUBSTRATE AND SHALL NOT EXCEED AN ELEVATION CHANGE OF 0.25" VERTICALLY OR 0.5" WITH BEVELED EDGE
- WHERE FLOOR FINISHES CHANGE FROM ONE ROOM TO ANOTHER, SET JOINT OF FLOOR MATERIALS AT THE CENTER OF THE COMMUNICATING DOOR
- FLOORS ARE TO BE INSTALLED SO AS TO PROVIDE POSITIVE DRAINAGE TO ALL FLOOR DRAINS, WHERE APPLICABLE. SET FLOOR DRAINS FLUSH WITH TOP OF FINISHED TILE OR CONCRETE FLOOR
- CONTRACTOR TO INSTALL / FINISH / CLEAN / SEAL ALL FINISHES PER MANUFACTURER'S SPECIFICATION. SEALANTS / CAULKS ARE TO BE CLEAR SILICONE AND COMPATIBLE WITH FINISH UNLESS NOTED OTHERWISE
- CONTRACTOR TO PROVIDE ALL FINISH SAMPLES TO OWNER FOR APPROVAL PRIOR TO ORDERING AND INSTALLING
- CONTRACTOR TO PROVIDE ADA COMPLIANT PLACARDS AT EACH RESTROOM AND WHERE NOTED ON DRAWINGS
- USE WATER-RESISTANT GYPSUM WALLBOARD / GYPSUM BASE BOARD AT WET AREAS INCLUDING TOILET ROOMS, LABS, SINK AREAS, AND OTHER AREAS NOTED ON DRAWINGS
- WHERE MULTIPLE FINISHES ARE INDICATED ON SCHEDULE, CONTRACTOR SHALL REFER TO FLOOR PLAN, REFLECTED CEILING PLAN AND INTERIOR WALL ELEVATIONS TO NOTE WHERE FINISHES START AND STOP
- ALL FINISHES TO MATCH THE EXISTING MEDICAL CLINIC LOCATED DIRECTLY ADJACENT.

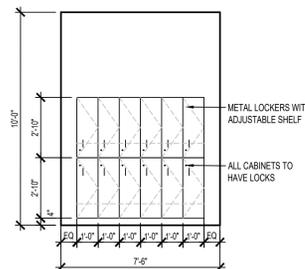
DOOR TYPES



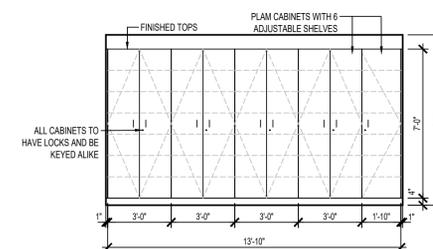
FRAME TYPE



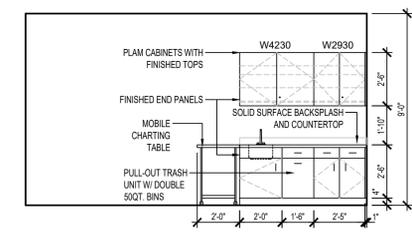
4 HALF WALL @ TV MONITORS
A2.1 1/4" = 1'-0"



3 LOCKERS
A2.1 1/4" = 1'-0"



2 STORAGE CABINETS
A2.1 1/4" = 1'-0"



1 PRIVATE PT ROOM CASEWORK
A2.1 1/4" = 1'-0"

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DRAWN BY	KES	DATE	CHECKED	APPROVED
			KES	KES
NO.	DATE	REVISION	REVISION	

OUTAGAME COUNTY
DOWNTOWN APPLETON CAMPUS
PHYSICAL THERAPY CLINIC
410 SOUTH WALNUT STREET | APPLETON, WISCONSIN

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SCHEDULES,
NOTES AND
DETAILS

DRAWING NO.
A2.1

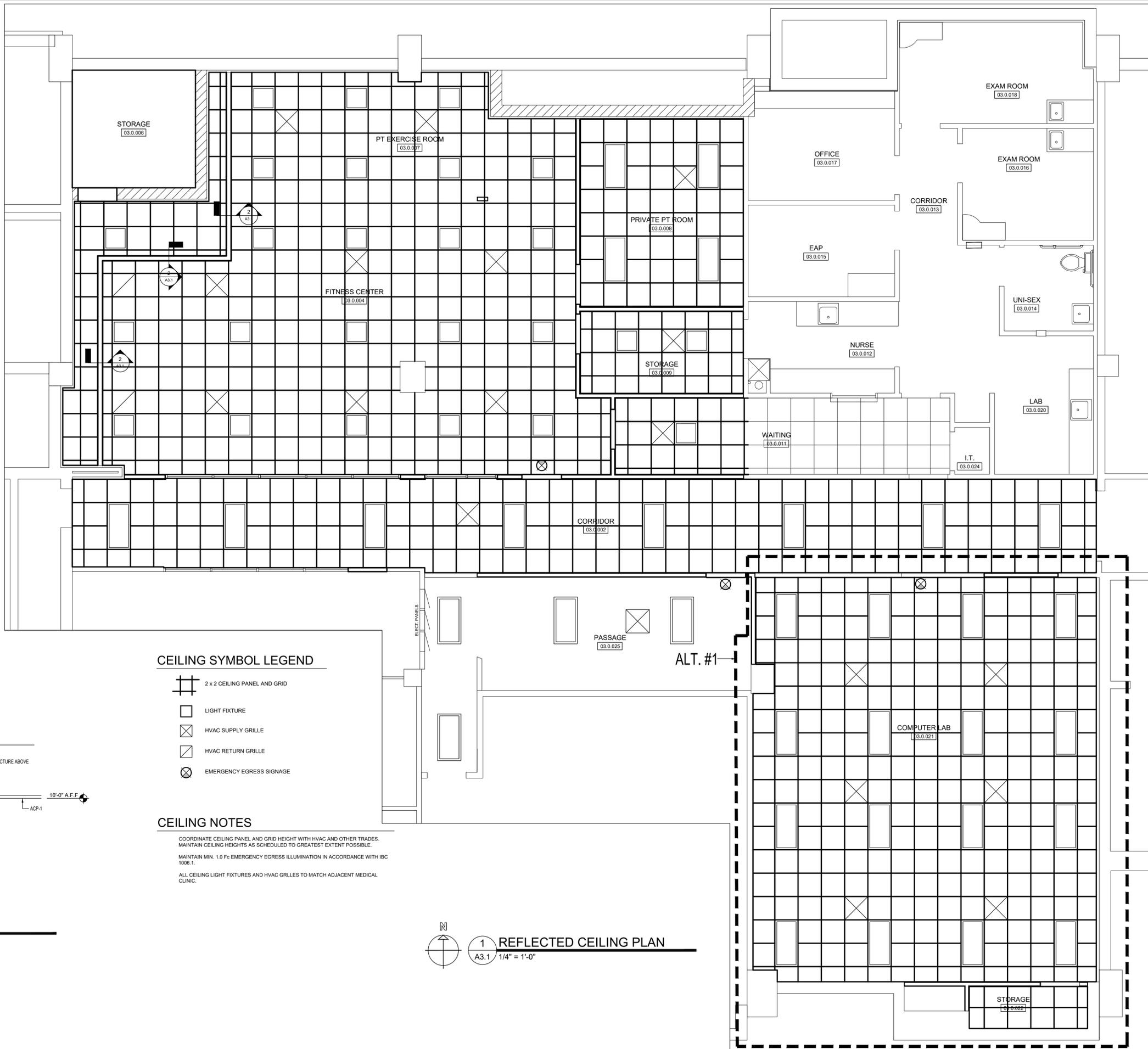
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SCALE	DATE
1/4" = 1'-0"	11/22/2024
PROJECT NUMBER	
1-0915-011	

REFLECTED
 CEILING
 PLAN

DRAWING NO.
A3.1

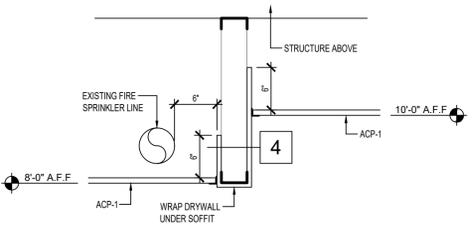


CEILING SYMBOL LEGEND

-  2 x 2 CEILING PANEL AND GRID
-  LIGHT FIXTURE
-  HVAC SUPPLY GRILLE
-  HVAC RETURN GRILLE
-  EMERGENCY EGRESS SIGNAGE

CEILING NOTES

COORDINATE CEILING PANEL AND GRID HEIGHT WITH HVAC AND OTHER TRADES.
 MAINTAIN CEILING HEIGHTS AS SCHEDULED TO GREATEST EXTENT POSSIBLE.
 MAINTAIN MIN. 1.0 Fc EMERGENCY EGRESS ILLUMINATION IN ACCORDANCE WITH IBC 1006.1.
 ALL CEILING LIGHT FIXTURES AND HVAC GRILLES TO MATCH ADJACENT MEDICAL CLINIC.



2 SOFFIT SECTION
 A3.1 1" = 1'-0"

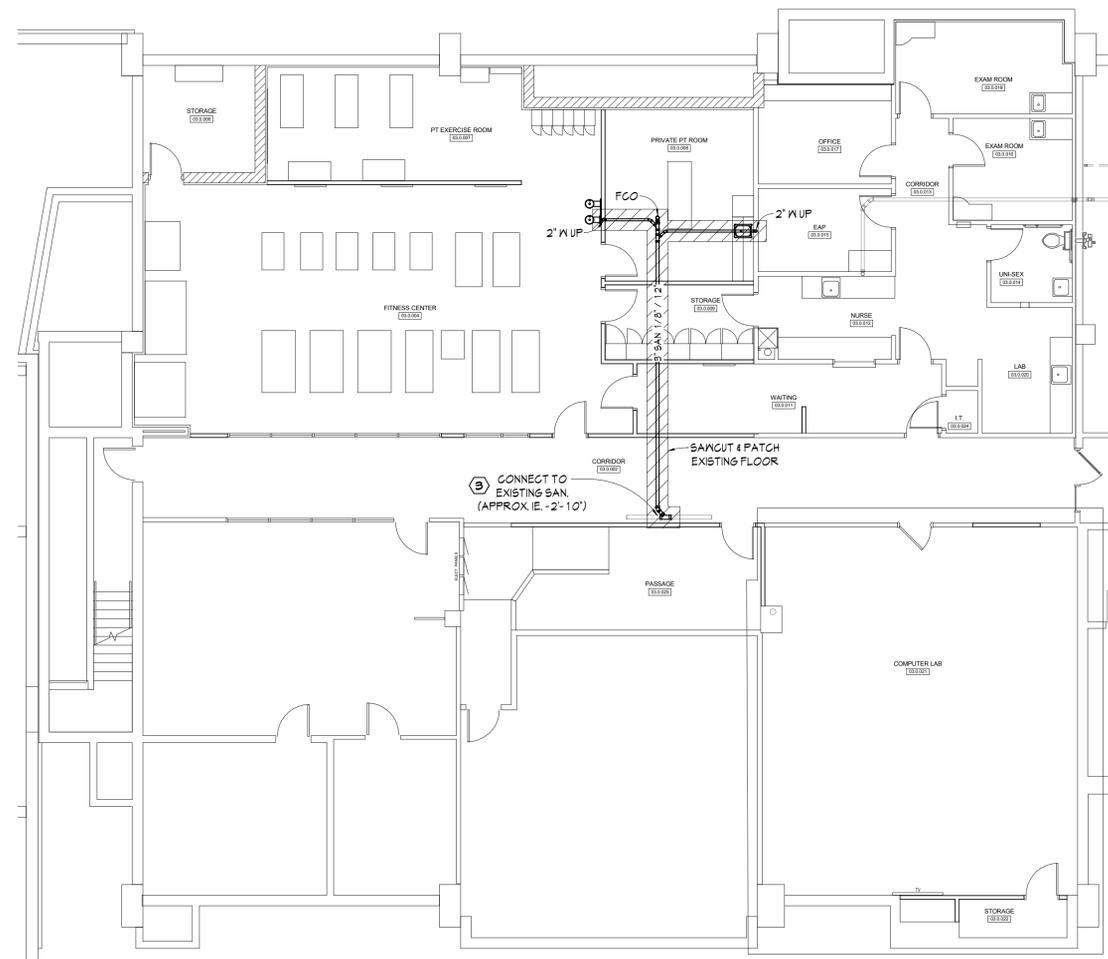
1 REFLECTED CEILING PLAN
 A3.1 1/4" = 1'-0"



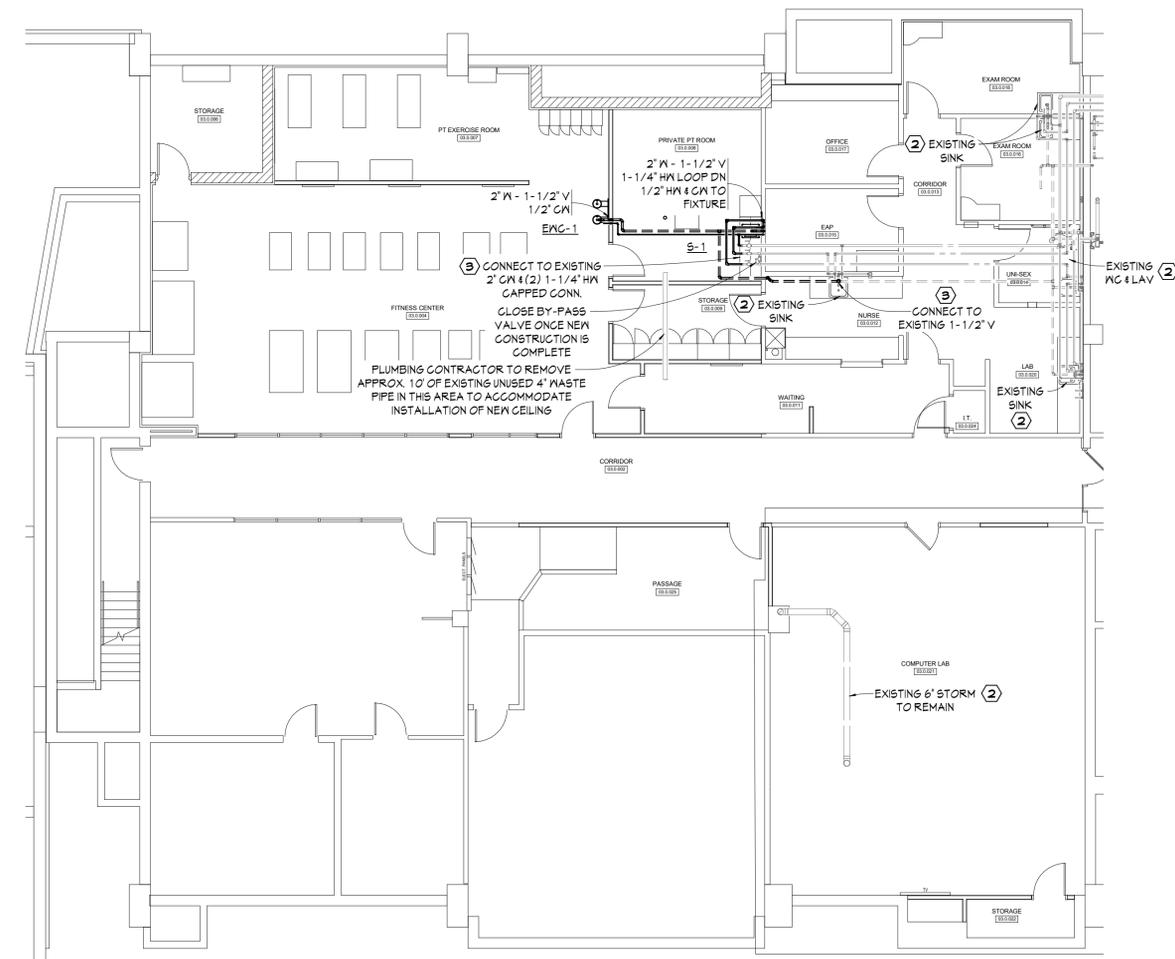
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1 BELOW FLOOR PLAN - PLUMBING
SCALE: 1/8" = 1'-0"
NORTH



2 FIRST FLOOR PLAN - PLUMBING
SCALE: 1/8" = 1'-0"
NORTH

Existing Project Conditions Note

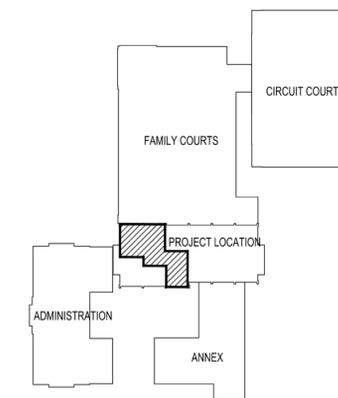
INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF CIVIL, ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL, PLUMBING, FIRE PROTECTION AND ELECTRICAL EQUIPMENT, PIPING, DUCT WORK, ROUGH-INS, AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS, WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.

KEY OF NOTES

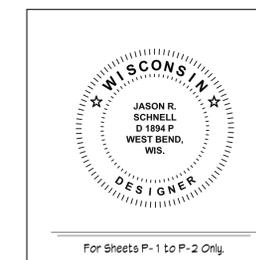
- ① INDICATES EXISTING FIXTURE, EQUIPMENT, OR PIPING TO BE REMOVED. REMOVE AND SEAL ALL RELATED PIPING AND HANGERS BACK TO STACK, MAIN OR RISER.
- ② INDICATES EXISTING FIXTURE, EQUIPMENT, OR PIPING TO REMAIN.
- ③ INDICATES A CONNECTION TO EXISTING PIPING. CONTRACTOR IS TO FIELD VERIFY LOCATION, SIZE & ELEVATION OF EXIST. PIPING BEFORE PROCEEDING WITH NEW CONSTRUCTION.

GENERAL NOTES

1. PROVIDE SHUT-OFF STOPS OR VALVES AT EACH FIXTURE AND PIECE OF EQUIPMENT.
2. ISOMETRIC DIAGRAMS SHOW THE KIND OF FIXTURE AND NOT THE SPECIFIC TYPE. REFER TO THE FLOOR PLANS FOR SPECIFIC TYPE.
3. PROVIDE WATER HAMMER (SHOCK) ARRESTORS WHERE REQUIRED BY CODE AND AT ALL QUICK CLOSING FIXTURES.
4. ALL PVC PIPING INSTALLED IN AIR PLENUMS SHALL BE CONTAINED IN A DRYWALL ENCLOSURE OR CODE APPROVED PLENUM WRAP.
5. ALL SLEEVES IN WALLS ADJACENT TO AIR PLENUMS SHALL BE CAULKED WITH THYCOL RUBBER SEAL AND MADE AIR-TIGHT.
6. EXISTING PIPING IS SHOWN IN APPROXIMATE LOCATIONS ONLY. EXACT SIZE AND LOCATION TO BE DETERMINED IN FIELD BY THE CONTRACTOR.
7. WHERE EXISTING FIXTURE, EQUIPMENT OR PIPING IS TO BE REMOVED, REMOVE AND SEAL ALL RELATED UNUSED PIPING BACK TO THE EXISTING STACK, MAIN OR RISER.
8. RECONNECT EXISTING SUPPLIES, WASTE AND VENT SERVING EXISTING FIXTURES OR EQUIPMENT THAT ARE TO REMAIN.
9. EXISTING PIPING IDENTIFIED AS BEING ABANDONED IN PLACE SHALL BE CAPPED/PLUGGED AT EACH OPEN END AFTER BEING FILLED COMPLETELY WITH A LEAN MIX OF CONCRETE SLURRY.
10. ISOMETRIC/3D DRAWINGS ARE DIAGRAMMATIC. INSTALLING CONTRACTOR IS REQUIRED TO INSTALL PROPER FITTINGS PER SPECIFICATIONS AND CODE REQUIREMENTS.



GOVERNMENT CENTER KEY PLAN



For Sheets P-1 to P-2 Only.

PLUMBING SHEET INDEX	
SHEET	DESCRIPTION
P-1	FLOOR PLANS
P-2	ISOMETRICS & FIXTURE SCHEDULE

CHECKED	APPROVED
JRS	LGD
DRAWN BY	REVISION
LGD	
NO.	DATE

OUTAGAMIE COUNTY
DOWNTOWN APPLETON CAMPUS
PHYSICAL THERAPY CLINIC
410 SOUTH WALNUT STREET, APPLETON, WISCONSIN

SCALE AS NOTED
DATE 11/22/2024

PROJECT NUMBER
1-0915-000

BELOW GRADE PLAN

DRAWING NO.
P-1



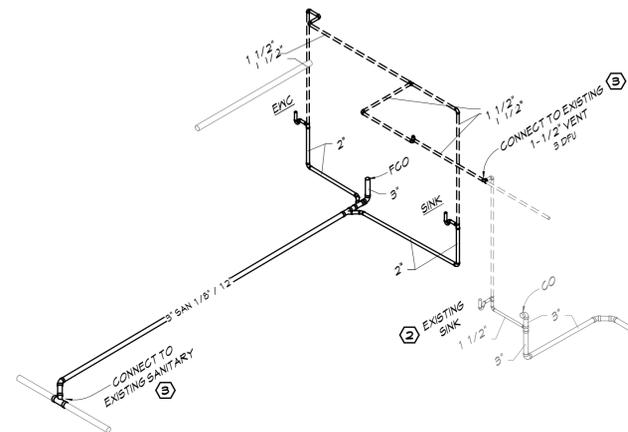
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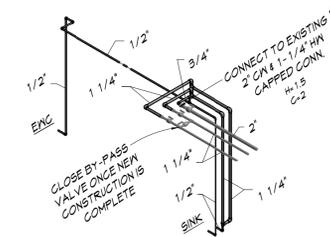
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KEY OF NOTES

- ① INDICATES EXISTING FIXTURE, EQUIPMENT, OR PIPING TO BE REMOVED. REMOVE AND SEAL ALL RELATED PIPING AND HANGERS BACK TO STACK, MAIN OR RISER.
- ② INDICATES EXISTING FIXTURE, EQUIPMENT, OR PIPING TO REMAIN.
- ③ INDICATES A CONNECTION TO EXISTING PIPING. CONTRACTOR IS TO FIELD VERIFY LOCATION, SIZE & ELEVATION OF EXIST. PIPING BEFORE PROCEEDING WITH NEW CONSTRUCTION.



1 WASTE & VENT DIAGRAM
NOT TO SCALE



2 SUPPLY RISER DIAGRAM
NOT TO SCALE

KEY OF PLUMBING SYMBOLS

SYMBOLS	ABBR.	DESCRIPTION	SYMBOLS	ABBR.	DESCRIPTION
---	SAN.S.	SANITARY SEWER OR DRAIN	---DT---	DTR.	DRAIN TILE RECEIVER WITH TRAP AND CLEANOUT
---	W.	SANITARY WASTE PIPING	---	DTCO	DRAIN TILE CLEANOUT
---	STM.S.	STORM SEWER OR DRAIN	---	C.C. / P.C.	CAPPED CONNECTION or PLUGGED CONNECTION
---	COND.	CONDUCTOR PIPING	---	H.B.	HOSE BIBB
AM	A.W.	ACID WASTE PIPING	+	R.D.	ROOF DRAIN
GM	G.W.	GREASY WASTE PIPING	+	F.D.	FLOOR DRAIN
CL	CL.W.	CLEARWATER WASTE PIPING	+	H.D.	HUB DRAIN
DT	D.T.	DRAIN TILE	+	F.S.	FLOOR SINK
V	V.	VENT PIPING	+	EL.	FLOOR AND/OR GRADE ELEVATION
CL.V	CL.V.	CLEARWATER VENT	IE: 0'-0"	I.E.	INVERT ELEVATION (ARCHITECTURAL DATUM)
AV	AV.	ACID VENT PIPING	IE: 0'-0"	I.E.	INVERT ELEVATION (ENGINEERING DATUM)
CW	CW.	COLD WATER PIPING	●	B.O.	FURNISHED BY-OTHERS (PLB. ROUGH-IN & CONN.)
S	CW.S.	SOFTENED COLD WATER PIPING	[A123]	RM.	ROOM NUMBERS
HW	HW.	HOT WATER PIPING	○	V.T.	VENT TERMINAL
CR	CR.	HOT WATER CIRCULATING RETURN PIPING		THERM.	THERMOMETER
G	G.	GAS PIPING		P.G.	PRESSURE GAUGE
A	A.	COMPRESSED AIR PIPING		W.H.A.	WATER HAMMER (SHOCK) ARRESTOR
NP	N.P.	NON-POTABLE WATER		SAWCUT	APPRX. AREA OF EXISTING FLOOR TO BE REMOVED
BL.V	BL.V.	BALL VALVE	○	UN.	UNION OR DIELECTRIC UNION
BF.V	BF.V.	BUTTERFLY VALVE	○	V.T.R.	VENT THROUGH ROOF
PRV	PRV	PRESSURE REGULATING VALVE	○	A.F.	ABOVE FLOOR
CK.V	CK.V.	CHECK VALVE	○	W.S.	WASTE STACK
B.V	B.V.	BALANCING VALVE	○	V.S.	VENT STACK
CO	CO/FCO	CLEANOUT or FLUSH CLEANOUT (AS NOTED)			

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE TYPE	MANUFACTURER	MODEL NAME/NO.	DESCRIPTION	ACCESSORIES
S-1	SINK	ELKAY	ELUH1316 7-7/8" DEEP	UNDER COUNTER MOUNTED, 16" X 18-1/2" X 7-7/8", 18 GAUGE, STAINLESS STEEL ONE COMPARTMENT SINK.	FAUCET: KOHLER TRITON BOWE K-810T70-5AHA w/ WRISTBLADE HANDLES DRAIN: ELKAY LK-35 DRAIN WITH BASKET STRAINER TRAP: MCGUIRE 8912C 1-1/2" X 1-1/2" 17 GA. CAST BRASS TRAP AND TUBULAR WALL BEND. SUPPLIES: MCGUIRE LF2167CC MIXING VALVE: KOHLER K-99799-NA
EW-1	ELECTRIC WATER COOLER	ELKAY	EZSTL8WS	WALL MOUNTED BI-LEVEL BARRIER FREE ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION. 50 DEGREE DRINKING WATER, 325 WATTS, 120 V, 60 Hz, 1-PHASE. INSTALL PER ADA REQUIREMENTS.	APRON: ELKAY LKAPREZL TRAP: 1-1/4" X 1-1/4" 17 SCHEDULE 40 PVC TRAP STOP: MCGUIRE LFST16LK 1/2 INCH SUPPLY STOP WITH LOOSE KEY CARRIER: ZURN Z1225-BL

REFER TO PLUMBING SPECIFICATIONS SECTION 22 40 00 FOR ADDITIONAL INFORMATION AND APPROVED EQUALS LISTING.

DRAWN BY LGD	DATE	APPROVED LGD	REVISION
	NO.		

OUTAGAMIE COUNTY
DOWNTOWN APPLETON CAMPUS
PHYSICAL THERAPY CLINIC
410 SOUTH WALNUT STREET, APPLETON, WISCONSIN

SCALE AS NOTED DATE 11/22/2024

PROJECT NUMBER 1-0915-000

ISOMETRICS & FIXTURE SCHEDULE

DRAWING NO. P-2

GENERAL NOTES:

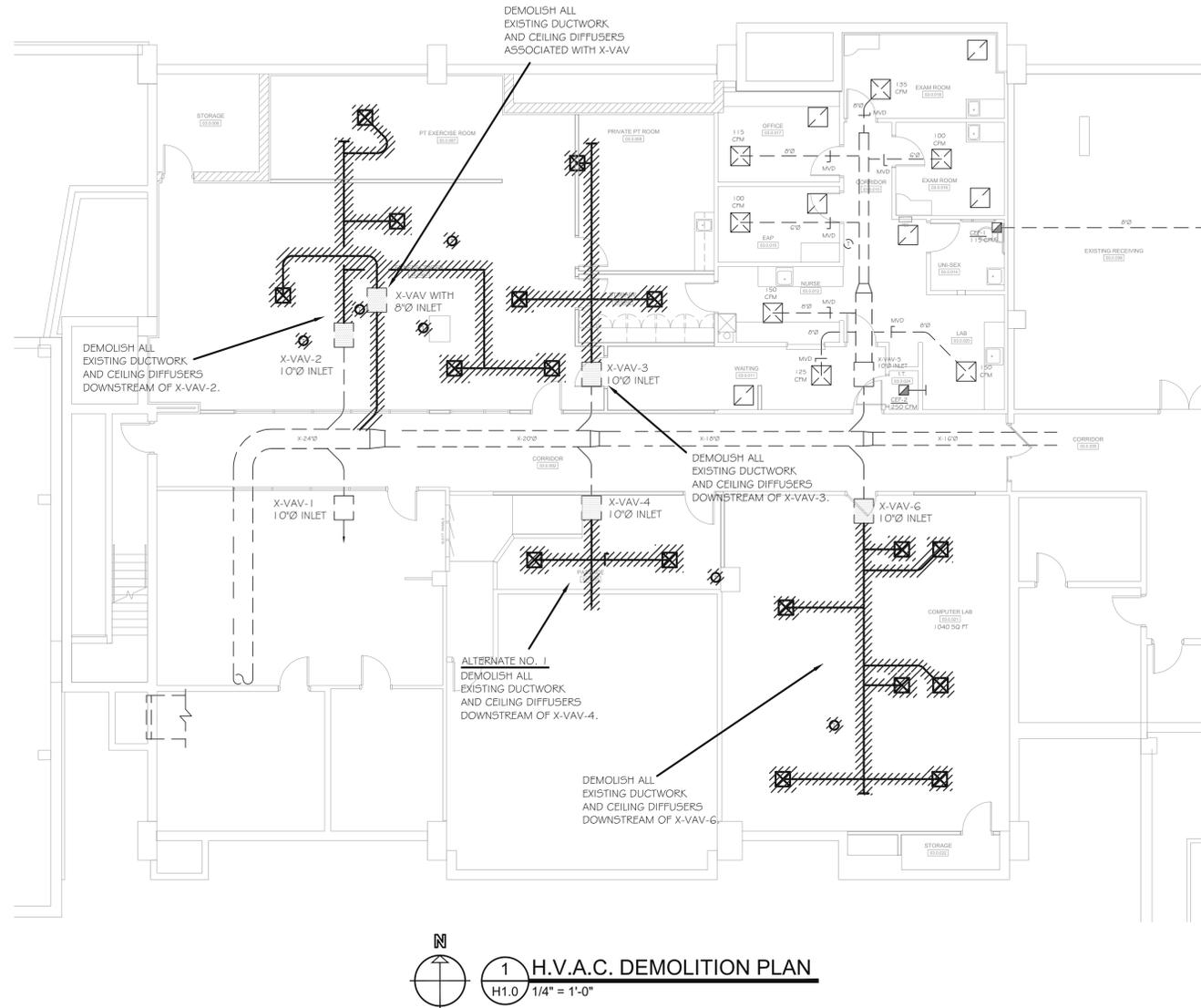
1. CONTRACTOR SHALL PROVIDE COMPLETE CONTRACTING SERVICES INCLUDING HEATING, VENTILATING AND AIR-CONDITIONING WORK, AND CONTROL WORK. CONTROL CONTRACTOR SHALL BE JOHNSON CONTROLS AND SHALL BE CONSIDERED A 'SUB' TO THE HVAC CONTRACTOR.
2. ALL CONTROLS SHALL BE INTEGRATED INTO THE COUNTY'S BAS AND SHALL BE SIMILAR TO COUNTY'S STANDARD CONTROL SCHEME.
3. ALL WORK SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE OF COMPLETION.
4. BIDDERS SHALL SUBMIT THEIR PROPOSAL USING ONLY THOSE MANUFACTURERS AS SCHEDULED. IF AN ALTERNATE MANUFACTURER IS DESIRED THE BIDDER SHALL LIST THIS PIECE OF EQUIPMENT ON BID FORM AND PROVIDE THE 'DEDUCT' FROM BASE BID AMOUNT IF ALTERNATE MANUFACTURER IS SELECTED.
5. PROVIDE FLEXIBLE CONNECTORS BETWEEN ALL MOTORIZED EQUIPMENT AND ITS ASSOCIATED DUCTWORK SYSTEM.
6. DO NOT FABRICATE DUCTWORK WITHOUT FIELD CHECKING CLEARANCES.
7. ALL DUCTWORK SHALL BE PRIME FIRST QUALITY GALVANIZED STEEL SHEETS. GAUGES OF METAL, SUPPORT SPACING, ETC. SHALL CONFORM TO THE LATEST EDITION OF ASHRAE AND SMACNA CONSTRUCTION STANDARDS PER THE 2" PRESSURE CLASSIFICATION TABLES.
8. THE E.C. IS RESPONSIBLE FOR PROVIDING ALL WIRING 115V/1 VOLT AND HIGHER. THIS CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LOW VOLT CONTROL WIRING AND THERMOSTATS.
9. THE ENGINEER IS NOT RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION OR THE SAFETY OF THE JOB SITE, AND THAT THESE RESPONSIBILITIES ARE INTENDED AND REMAIN SOLELY THOSE OF THE CONTRACTOR.
10. ALL WORK SHALL CONFORM TO STATE AND LOCAL CODES WHETHER OR NOT SPECIFICALLY SHOWN ON THE PLANS.
11. ALL HVAC PLANS AND DRAWINGS SHALL BE CONSIDERED DIAGRAMMATIC. THE HVAC CONTRACTOR MUST CONSULT AND COOPERATE WITH THE GENERAL CONTRACTOR, AND THE CONTRACTORS OF ALL OTHER TRADES, AS WELL AS THE BUILDING OWNERS) SO AS TO AVOID EQUIPMENT AND DUCTWORK COLLISION; AS WELL AS OTHER PROJECT CONTROVERSIES. THE GENERAL CONTRACTOR AND THE HVAC CONTRACTOR SHALL VERIFY ANY AND ALL EXISTING CONDITIONS AND DIMENSIONS BEFORE PROCEEDING WITH THE INSTALLATION OF THE HVAC SYSTEM.
12. ANY VARIATION FROM THESE PLANS WITHOUT THE EXPRESS WRITTEN CONSENT OF THE HVAC DESIGNER SHALL RELIEVE THE DESIGNER OF ANY RESPONSIBILITY FOR THE SATISFACTORY OPERATION OF THE ENTIRE HVAC SYSTEM.

EQUIPMENT NOTES:

1. HVAC CONTRACTOR SHALL PROVIDE ONE HARD COPY OF OPERATIONS AND MAINTENANCE MANUALS FOR ANY MAJOR HVAC EQUIPMENT PROVIDED. CONTRACTOR SHALL ALSO PROVIDE ONE FULL COPY IN ELECTRONIC PDF FORMAT.
2. THERMOSTATS AND ROOM CONDITIONING DEVICES SHALL BE MOUNTED A MAXIMUM OF 4' ABOVE THE FLOOR IN ORDER TO COMPLY WITH "THE AMERICANS WITH DISABILITIES ACT."

DUCTWORK, AIR DISTRIBUTION NOTES:

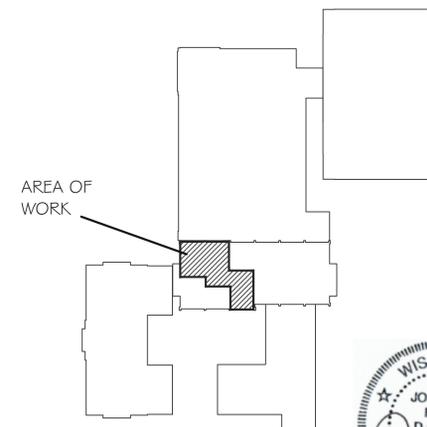
1. ALL DUCTWORK SHALL BE INSTALLED STRAIGHT AND TRUE IN A QUALITY WORKMANLIKE FASHION. DUCTWORK DIMENSIONS AS LISTED ON THE PLAN INDICATE ACTUAL SHEET METAL SQUARE INCH DIMENSIONS.
2. ALL DUCTWORK SHALL CONFORM TO ASHRAE AND SMACNA STANDARDS WITH REGARDS TO DUCT GAUGES, TURNING VANES, THE INSTALLATION OF THE TURNING VANES AND/OR EXTRACTORS, AND MOUNTED AND BRACING.
3. ALL METALIC DUCTS SHALL BE CONSTRUCTED AS SPECIFIED IN THE SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE.
4. ALL BALANCING SHALL BE DONE BY A RECOGNIZED (THIRD PARTY) BALANCING CONTRACTOR AND SHALL BALANCE THE ENTIRE SYSTEM SUCH THAT THE SUPPLY AIR, RETURN AIR, EXHAUST AIR, AND FRESH AIR ARE WITHIN +/- 10% OF THE AIR QUANTITIES SHOWN ON THE PLAN. THE HVAC CONTRACTOR SHALL FURNISH THE HVAC DESIGNER WITH TWO COPIES OF THE BALANCE DATA. A COPY OF THE BALANCE DATA SHALL BE RETAINED AT THE PROJECT SITE AND AVAILABLE FOR INSPECTION. THE AIR SYSTEMS SHALL BE BALANCED IN SUCH A MANNER AS TO MINIMIZE LOSSES FROM DAMPER THROTTLING BY ADJUSTING FAN SPEED, AND ADJUSTING DAMPERS TO MEET AIR FLOW CONDITIONS. BALANCING PROCEDURES SHALL BE ACCEPTABLE TO THE DEPARTMENT OF COMMERCE AND THE IMC. THE HVAC CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY VOLUME, CONTROL, AND BACKDRAFT DAMPERS REQUIRED FOR INSTALLATION AND BALANCING.



1 H.V.A.C. DEMOLITION PLAN
H1.0 1/4" = 1'-0"

INLINE EXHAUST FAN SCHEDULE																
UNIT NO.	SERVICE	CFM	S.P. IN H2O	RPM	MOTOR				B.D. DPR	INLET GRILLE	SPEED CONTROL	WALL JACK	BRICK VENT	DISCONNECT	MANUFACTURER	MODEL
					HP	VOLTS	PH.	SPEED								
1	UNISEX	600	0.35	1550	1/6	120	1	ONE	YES	NO	NO	NO	NO	YES	GREENHECK	SQ-95-VG6X-QD

NOTE: INTERLOCK FAN NO. 1 WITH ROOM'S LIGHTING OCCUPANCY SENSOR...PROVIDE TIME-DELAY OF 15 MINUTES AFTER LIGHTS GO OUT FOR FAN TO TURN OFF.
NOTE: H.C. RESPONSIBLE FOR FURNISHING ANYALL MOTOR STARTERS AND DISCONNECTS AND TURN OVER TO E.C. FOR INSTALLATION.



KEY PLAN
SCALE: NONE



11-22-2024

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Engineering
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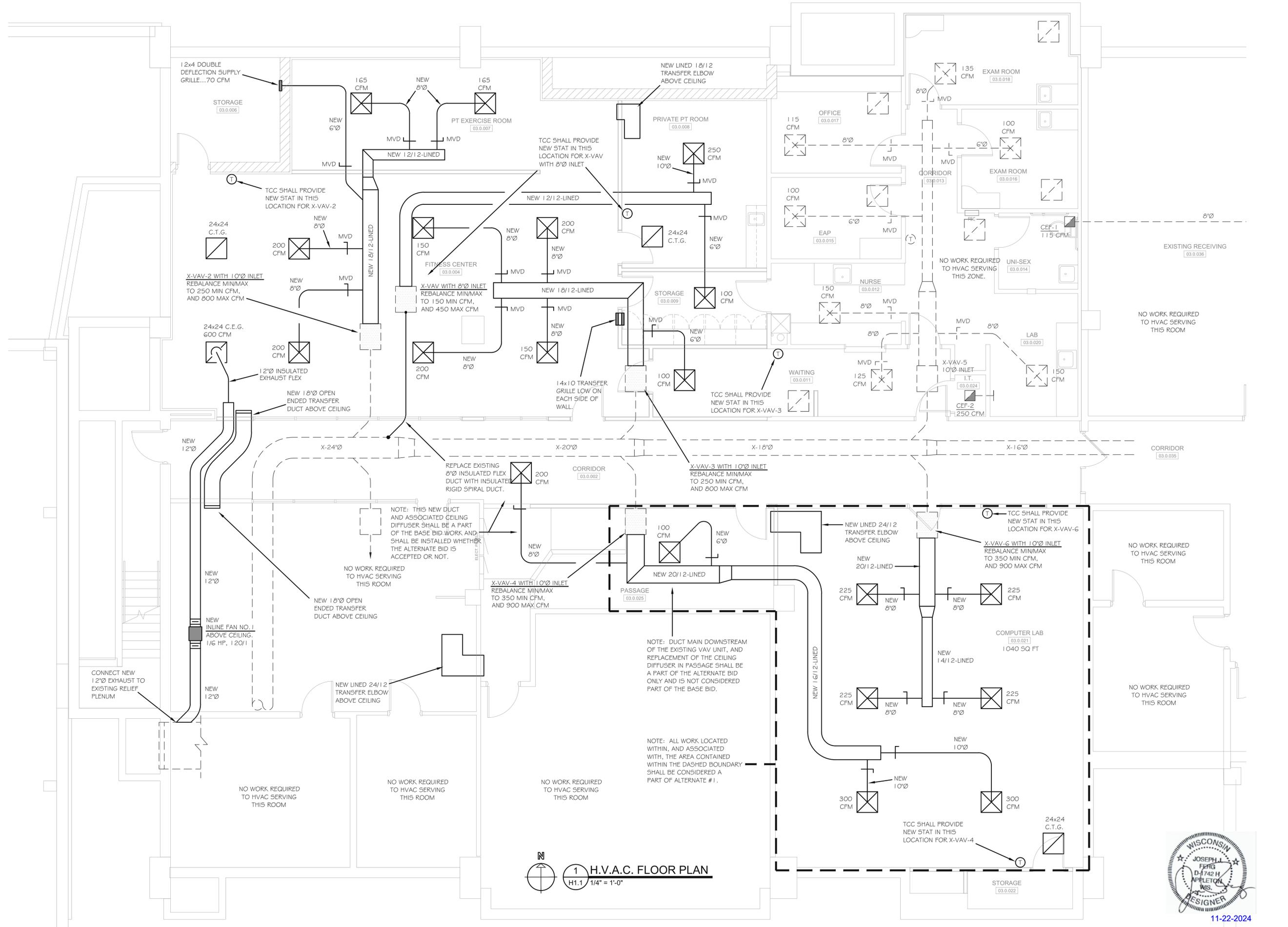
NO.	DATE	DRAWN BY	CHECKED	APPROVED	REVISION	
					J.F.	J.F.

**OUTAGAMIE COUNTY
DOWNTOWN APPLETON CAMPUS
PHYSICAL THERAPY CLINIC**
410 SOUTH WALNUT STREET | APPLETON, WISCONSIN

SCALE	DATE
1/8" = 1'-0"	11/22/2024
PROJECT NUMBER	
1-0915-000	

H.V.A.C. DEMOLITION PLAN

DRAWING NO.
H1.0



1 H.V.A.C. FLOOR PLAN
1/4" = 1'-0"



11-22-2024

Martenson & Eisele, Inc.
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NO.	DATE	CHECKED BY	APPROVED
		J.F.	J.F.

OUTAGAMIE COUNTY
 DOWNTOWN APPLETON CAMPUS
PHYSICAL THERAPY CLINIC
 410 SOUTH WALNUT STREET | APPLETON, WISCONSIN

SCALE: 1/4" = 1'-0"
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H.V.A.C.
 FLOOR PLAN

DRAWING NO.
 H1.1

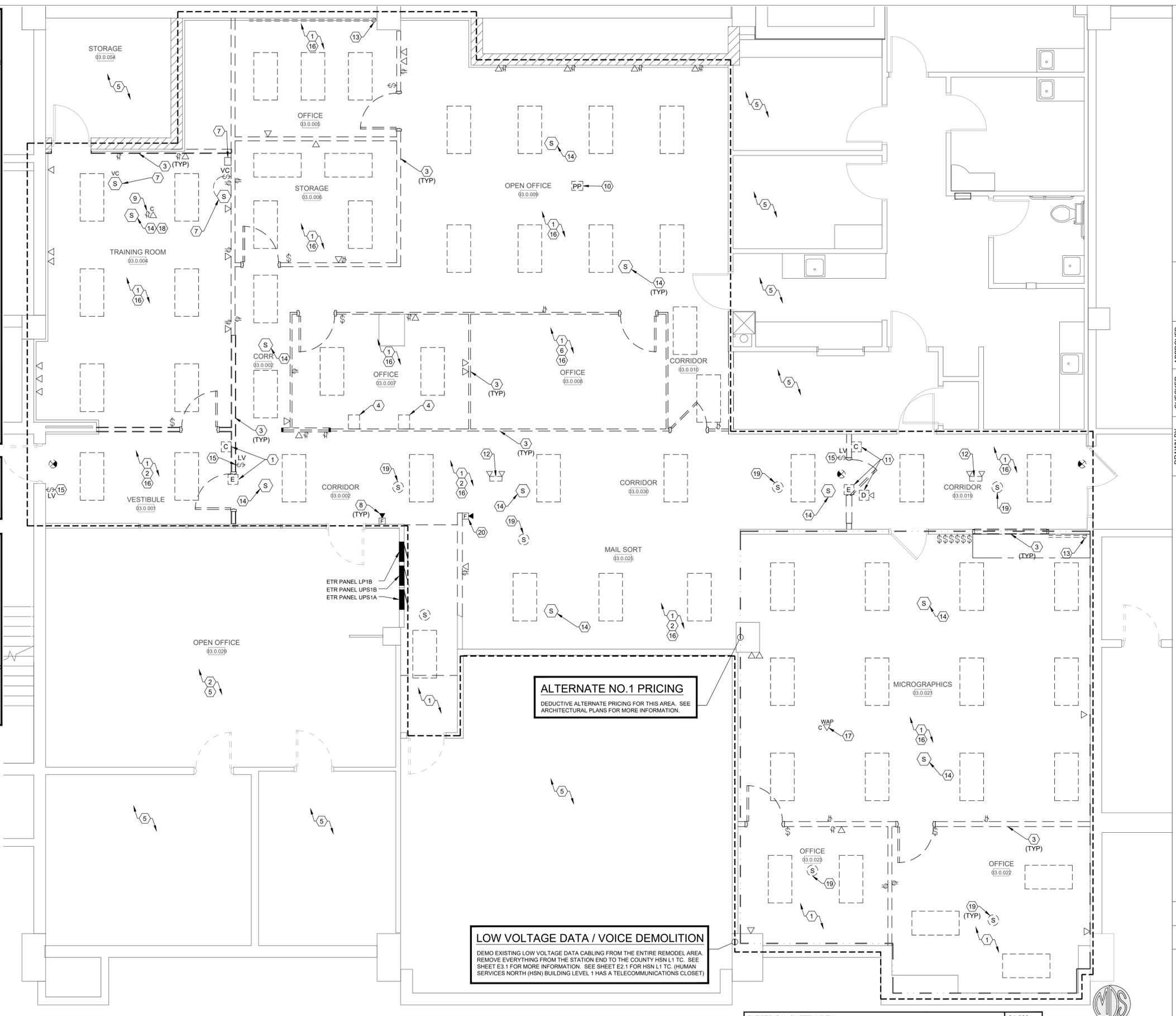
- PLAN NOTES - SHEET E0.1**
- DISCONNECT, REMOVE, AND SITE CLEAR ALL LIGHT FIXTURES AND ASSOCIATED LIGHT SWITCHES IN THIS ROOM. SALVAGE EXISTING LIGHTING CIRCUIT FOR REUSE, OR IF NOT REUSED TERMINATE BACK TO POINT OF ORIGIN.
 - EXISTING LIGHTING IN THIS ROOM IS CONNECTED TO AN EXISTING LOW VOLTAGE LIGHTING RELAY SYSTEM. REMOVE FROM THE EXISTING SYSTEM. PROVIDE NEW LIGHTING SWITCHES FOR THIS ROOM AND RECONNECT - SEE LIGHTING PLAN.
 - DISCONNECT, REMOVE, AND SITE CLEAR ALL RECEPTACLES IN WALL SCHEDULED FOR DEMOLITION. SEVERAL WALLS ARE A PREWIRED WALL SYSTEM WITH DEVICES IN BASEBOARD. SEE ARCHITECTURAL PLANS.
 - EXISTING LIGHT RELAY CABINET ABOVE CEILING EXISTING CEILING. CURRENTLY SUPPORTED VIA EXISTING ACOUSTIC CEILING SCHEDULED FOR DEMOLITION. IF REQUIRED TO REMAIN TO SUPPORT EXISTING AREA LIGHTING NOT SCHEDULED FOR REMOVAL, DISCONNECT, REMOVE, AND RESUPPORT ABOVE NEW CEILING FROM STRUCTURE ABOVE. NEW CEILING WILL BE HIGHER THAN EXISTING CEILING - VERIFY HEIGHT WITH THE ARCHITECTURAL PLANS.
 - EXISTING LIGHTING IN THIS ROOM TO REMAIN, MAINTAIN EXISTING LIGHTING CIRCUITING.
 - ROOM SCHEDULED FOR DEMOLITION WAS NOT ACCESSIBLE DURING SITE INVESTIGATION.
 - DISCONNECT, REMOVE, AND TURN OVER TO THE OWNER THIS PAGING SPEAKER / AV EQUIPMENT. TERMINATE WIRING BACK TO POINT OF ORIGIN.
 - DISCONNECT, REMOVE, AND SITE CLEAR EXISTING FIRE ALARM DEVICE. TERMINATE WIRING BACK TO POINT OF ORIGIN, MAINTAIN EXISTING FIRE ALARM SYSTEM.
 - CEILING MOUNTED RECEPTACLE FOR CEILING PROJECTOR. DISCONNECT, REMOVE, AND SITE CLEAR DEVICE. TURN CEILING PROJECTOR OVER TO THE OWNER.
 - POWER POLE TO BE DISCONNECT, REMOVE, AND SITE CLEARED. TERMINATE DATA / VOICE CABLING BACK TO EXISTING IDF ROOM PER DATA SPECIFICATIONS - DETAIL 1/E3.1. VERIFY IDF ROOM WITH OUTAGAMIE COUNTY PRIOR TO THE START OF DEMOLITION PHASE.
 - DISCONNECT, REMOVE AND TURN CARD READER / DOOR CONTROLLER AND SYSTEM COMPONENTS OVER TO THE OWNER. TERMINATE 120V POWER AND LOW VOLTAGE CABLE BACK TO POINT OF ORIGIN. MAINTAIN 120V CIRCUIT IF REQUIRED.
 - DISCONNECT, REMOVE, AND SITE CLEAR EXISTING CEILING MOUNTED EMERGENCY BATTERY LIGHTING UNIT.
 - DISCONNECT, REMOVE, AND SITE CLEAR EXISTING WALL MOUNTED PLUG STRIP.
 - DISCONNECT, REMOVE, AND SALVAGE THIS PAGING SPEAKER FOR RELOCATION IN NEW CEILING IN SIMILAR LOCATION. SEE POWER AND SYSTEMS PLAN FOR NEW LOCATION.
 - DISCONNECT, REMOVE, AND SITE CLEAR EXISTING LOW VOLTAGE LIGHT SWITCH.
 - SALVAGE EXISTING 120V RECEPTACLE CIRCUITS FOR REUSE IN SAME SPACE IF POSSIBLE.
 - DISCONNECT, REMOVE, AND SALVAGE EXISTING WIRELESS ACCESS POINT FOR RELOCATION IN NEW CEILING IN SIMILAR LOCATION. SEE POWER AND SYSTEMS PLAN FOR NEW LOCATION.
 - THIS PAGING SPEAKER TO BE RELOCATED TO NEW WAITING ROOM - SEE SHEET E1.2.
 - DISCONNECT, REMOVE, AND SALVAGE THIS FIRE ALARM SMOKE DETECTOR FOR RELOCATION IN NEW CEILING IN SIMILAR LOCATION. SEE POWER AND SYSTEMS PLAN FOR NEW LOCATION. RECONNECT TO THE EXISTING FIRE ALARM SYSTEM.
 - DISCONNECT, REMOVE, AND SITE CLEAR FIRE ALARM FLASHING / STROBE DEVICE.

EXISTING CONDITION - ABOVE CEILING

CEILING ARE SCHEDULED FOR REMOVAL, EXISTING CEILING CAVITY HAS UNSUPPORTED LOW VOLTAGE CABLE AND POSSIBLE CONDUIT THAT IS NOT SUPPORTED PROPERLY / CODE COMPLIANT.

INCLUDE IN BID THE SUPPORTING OF REMAIN LOW VOLTAGE CABLING VIA JHOOKS AS WELL AS PROPERLY SUPPORTING REMAINING CONDUIT THAT IS NOT CODE COMPLIANT. EVALUATE EXISTING CONDITIONS AT PRE BID WALK THRU.

- GENERAL NOTES - ELECTRICAL DEMOLITION**
- ALL DISCONNECTED ELECTRICAL SYSTEM COMPONENTS (CONDUIT, WIRE AND NM CABLE, FITTINGS, CABLING, JUNCTION BOXES, LIGHT FIXTURES, ETC) OR ANY DISCOVERED ABANDONED, OR LEFT ABANDONED ELECTRICAL COMPONENTS IN THE PROJECT WORK AREA SHALL BE REMOVED FROM THE SITE BY THE COMPLETION OF THE PROJECT.
 - ALL FIXTURES SHOWN ARE TO BE SITE CLEARED, UNLESS NOTED OTHERWISE.
 - CONTRACTOR SHALL EVALUATE EXISTING CIRCUITS TO DETERMINE THEIR ROUTING AND LOADING. RE-FEED ALL EQUIPMENT THAT IS EXISTING TO REMAIN OR TO BE REUSED.
 - COORDINATE WITH OTHER TRADES AND INCLUDE WORK REQUIRED BY THOSE TRADES TO COMPLETE THE DEMOLITION.
 - SOME ELECTRICAL EQUIPMENT TO BE REMOVED IS NOT SHOWN ON THIS PLAN. IT IS THE INTENT OF THIS PLAN TO SUPPLEMENT THE REQUIREMENTS OF THE GENERAL CONTRACTOR AND THE ELECTRICAL CONTRACTOR'S FIELD VERIFICATION OF EQUIPMENT. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO REMOVE ALL ELECTRICAL EQUIPMENT AS REQUIRED TO PROVIDE THE NEW INSTALLATIONS AS SHOWN ON THESE DRAWINGS. NO ELECTRICAL EQUIPMENT IS TO REMAIN ON SITE WHICH IS NOT SUITABLY POWERED AND CONTROLLED.
 - ALL REMAINING RECEPTACLES IN SCOPE OF WORK TO HAVE THEIR CIRCUITS IDENTIFIED ON A CLEAR ADHESIVE LABEL PLACED ON EXISTING FACEPLATE. UPDATE EXISTING PANEL SCHEDULE CARD WITH A TYPED DIRECTORY.
 - SEE SHEET E3.1 - DATA SPECIFICATIONS FOR DEMOLITION INFORMATION ON LOW VOLTAGE DEVICES (DATA / VOICE AND PAGING).



ALTERNATE NO.1 PRICING
 DEDUCTIVE ALTERNATE PRICING FOR THIS AREA. SEE ARCHITECTURAL PLANS FOR MORE INFORMATION.

LOW VOLTAGE DATA / VOICE DEMOLITION
 DEMO EXISTING LOW VOLTAGE DATA CABLING FROM THE ENTIRE REMODEL AREA. REMOVE EVERYTHING FROM THE STATION END TO THE COUNTY HSN L1 TC. SEE SHEET E3.1 FOR MORE INFORMATION. SEE SHEET E2.1 FOR HSN L1 TC. (HUMAN SERVICES NORTH (HSN) BUILDING LEVEL 1 HAS A TELECOMMUNICATIONS CLOSET)

ELECTRICAL SHEET INDEX		24-022
E0.1	ELECTRICAL - DEMOLITION PLAN	
E1.1	ELECTRICAL - LIGHTING PLAN	
E1.2	ELECTRICAL - POWER / SYSTEMS PLAN	
E2.1	ELECTRICAL - POWER / SYSTEMS PLAN AND SCHEDULES	
E3.1	ELECTRICAL - DETAILS, TELECOMMUNICATIONS SPECIFICATIONS	
E4.1	ELECTRICAL - DETAILS AND SYMBOLS LIST	

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NO.	REV.	DATE	DRAWN BY	CHECKED	TGC	APPROVED	
						KBS	REVISION

OUTAGAMIE COUNTY
 DOWNTOWN APPLETON CAMPUS
PHYSICAL THERAPY CLINIC
 410 SOUTH WALNUT STREET | APPLETON, WISCONSIN

SCALE	DATE
1/4" = 1'-0"	11/22/2024
PROJECT NUMBER	
1-0915-008	

ELECTRICAL -
 DEMOLITION PLAN

DRAWING NO.
E0.1

1 PARTIAL FIRST FLOOR PLAN - DEMOLITION
 E0.1 1/4"=1'-0"

"DATA SPECIFICATIONS"

PREMISE DISTRIBUTION SYSTEM
HUMAN SERVICES NORTH LEVEL 1

- GENERAL
1.1 THE SUCCESSFUL BIDDER (CONTRACTOR) WILL PROVIDE ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND INCIDENTALS REQUIRED TO MAKE READY FOR USE A COMPLETE AND PROPERLY OPERATING PREMISE DISTRIBUTION SYSTEM (PDS) TO SERVICE AS A VEHICLE FOR TRANSPORT OF VOICE AND DATA SIGNALS.
1.2 THE WORK PROVIDED UNDER THIS CONTRACT DOCUMENT SHALL INCLUDE ALL LABOR, MATERIALS, PERMITS, INSPECTIONS AND RE-INSPECTION FEES, TOOLS, EQUIPMENT, TRANSPORTATION, INSURANCE, TEMPORARY PROTECTION, TEMPORARY LIGHTING, SUPERVISION AND INCIDENTAL ITEMS ESSENTIAL FOR A PROPERLY INSTALLED AND OPERATING PDS, EVEN THOUGH NOT SPECIFICALLY MENTIONED OR INDICATED BUT WHICH ARE USUALLY PROVIDED OR ARE ESSENTIAL FOR A PROPERLY OPERATING PDS.
1.3 THE CONTRACTOR SHALL CHECK ALL SITE DRAWINGS AND EXISTING SITE CONDITIONS BEFORE BIDDING AND ADVISE THE OUTAGAMIE COUNTY REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO THE BID.
1.4 THIS CONTRACT DOCUMENT DESCRIBES THE VERY MINIMUM REQUIREMENTS THAT MUST BE MET FOR AN ACCEPTABLE INSTALLATION.
1.5 THE CONTRACTOR WILL GIVE ALL NOTICES, FILE ALL PLANS, PAY ALL FEES, AND OBTAIN ALL PERMITS AND APPROVALS FROM THE AUTHORITIES HAVING JURISDICTION. INCLUDE ALL FEES IN THE BID PACKAGE.
1.6 OUTAGAMIE'S IT NETWORK SPECIALIST SHALL ACT AS THE PROJECT MANAGER.
1.7 NOTIFY THE OUTAGAMIE COUNTY'S PROJECT MANAGER OF ANY DISCREPANCIES FOUND DURING CONSTRUCTION OF THE PROJECT AND DO NOT PROCEED WITH THAT PORTION OF THE PROJECT, UNTIL A WRITTEN STATEMENT IS RECEIVED FROM THE OUTAGAMIE COUNTY'S PROJECT MANAGER PROVIDING CLEAR DIRECTIONS. IF A CONFLICT EXISTS BETWEEN THE CONTRACT DOCUMENTS AND ANY APPLICABLE CODE OR STANDARD, THE MOST STRINGENT REQUIREMENT SHALL BE INCLUDED FOR THIS PROJECT. THE OUTAGAMIE COUNTY PROJECT MANAGER SHALL MAKE THE DECISION REGARDING QUESTIONABLE AREAS OF CONFLICT.

SCOPE OF WORK

1.8 SYMBOLS

- 1.8.1 SYMBOLS SHOWN IN THE DRAWINGS SHALL BE USED. DRAWINGS SHALL BE PRESENTED AT THE MANDATORY SITE SURVEY.

1.9 PROJECT DESCRIPTION

- 1.9.1 DEMO PORTION OF THIS PROJECT MUST BE COMPLETED BEFORE THE INSTALLATION OF NEW CABLING BEGINS.
1.9.2 THE PREMISE DISTRIBUTION SYSTEM SHALL INCLUDE THE HORIZONTAL CABLES, THE TELECOMMUNICATIONS OUTLETS/CONNECTORS IN THE WORK AREA, THE PATCH PANELS IN THE MDF AND IDF CLOSETS, PATCH CORDS LOCATED IN THE MDF/IDF CLOSETS, PATCH CORDS LOCATED AT THE TELECOMMUNICATIONS OUTLET/CONNECTOR IN THE WORK AREA.
1.9.3 THE HORIZONTAL CABLING SYSTEM SHALL ACCOMMODATE FUTURE EQUIPMENT AND SERVICE CHANGES.
1.9.4 THE HORIZONTAL CABLING SYSTEM IS A STAR TOPOLOGY. EACH WORK AREA TELECOMMUNICATIONS OUTLET/CONNECTOR AS SHOWN IN THE DRAWINGS SHALL BE CONNECTED TO A PATCH PANEL IN THE TELECOMMUNICATIONS CLOSET.
1.9.5 SHUMAN SERVICES NORTH (HSN) BUILDING LEVEL 1 HAS A TELECOMMUNICATIONS CLOSET EAST OF THE COMPUTER LAB. THE TELECOMMUNICATIONS CLOSET SHALL HERE-AFTER BE REFERRED TO AS THE TC.
1.9.6 SEPARATION OF HORIZONTAL CABLING PATHWAYS FROM TYPICAL SOURCES OF EMI SHALL BE ADHERED TO AS PER EIA/TIA STANDARDS.
1.9.7 BRIDGED TAPS AND SPLICES SHALL NOT BE PERMITTED AS PART OF THE HORIZONTAL CABLING SYSTEM.
1.9.8 THE MAXIMUM HORIZONTAL DISTANCE SHALL BE 90 M (295FT), INDEPENDENT OF MEDIA TYPE. THIS CABLE LENGTH SHALL BE FROM THE MECHANICAL TERMINATION OF THE MEDIA AT THE HORIZONTAL CROSS-CONNECT IN THE TELECOMMUNICATIONS CLOSET TO THE TELECOMMUNICATIONS OUTLET/CONNECTOR IN THE WORK AREA.
1.9.9 ALL DATA HORIZONTAL CABLING SHALL BE PLENUM FOUR PAIR UTP CABLE WITH A WHITE JACKET, SPEC FOR PANDUIT 'S' CATEGORY 6 (TX6000) SYSTEM. THERE SHALL BE NO EXCEPTIONS OR ALTERNATIVES ACCEPTED. APPROVED UNSHIELDED CABLE MANUFACTURER FOR HORIZONTAL DATA CABLE: PANDUIT PUP6004WH-W (WHITE JACKET) FOR PLENUM.
1.9.10 ALL HORIZONTAL CABLING SHALL BE PHYSICALLY SUPPORTED IN ACCORDANCE WITH THE LATEST REVISION OF THE EIA/TIA CATEGORY 6 AND 568 STANDARDS.
1.9.11 ALL HORIZONTAL CABLING THAT IS INSTALLED SHALL BE SUPPORTED VIA J-HOOK TYPE SUPPORTS AT A MINIMUM OF 4 FEET APART FOR ALL CEILING AREAS WHERE CONDUIT OR CABLE TRAY IS UNAVAILABLE.
1.9.12 INSTALLATION OF CAT 6 CABLING SHALL OCCUR IN ONE BUILDING FLOOR LEVEL, HUMAN SERVICES NORTH BUILDING LEVEL 1.
1.9.13 ANY FURNITURE THAT MUST BE MOVED, FOR THE INSTALLATION OF THE PREMISE DISTRIBUTION SYSTEM, IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL SEE THAT ANY MOVED FURNITURE SHALL BE MOVED BACK INTO PLACE AFTER THE INSTALLATION IS COMPLETE.

1.10 DEMO

- 1.10.1 DEMO EXISTING DATA CABLING FROM THE ENTIRE REMODEL AREA. REMOVE EVERYTHING FROM THE STATION END TO THE COUNTY HSN L1 TC.
1.10.2 IN THE COUNTY HSN L1 TC THERE WILL BE A NUMBER OF OPEN SPACES ON THE COPPER PATCH PANEL DUE TO THE CABLES BEING DEMOED OUT. MOVE CABLING SO THAT ALL EMPTY SPACES ARE ELIMINATED AND RELABEL THE PATCH PANEL SO ALL CABLING LABELS MATCHES CORRECTLY. AFTER THIS IS COMPLETED THEN BEGIN THE INSTALLATION OF NEW CABLING.
1.10.3 REMOVE TV AND MOUNTING HARDWARE FROM THE ORIGINAL IT TRAINING ROOM COMPUTER LAB, SET IT ASIDE AND RE-INSTALL IN THE NEW IT TRAINING ROOM COMPUTER LAB. PATCH TV WITH COUNTY PROVIDED PATCH CORD.
1.10.4 REMOVE PAGING SPEAKERS FROM THE CEILING IN AREAS WHERE THE REMODEL WILL OCCUR, SET THEM ASIDE AND RE-INSTALL IN THE NEWLY REMODELED CEILING. DO NOT DEMO OUT PAGING SPEAKER CABLING, RE-USE IT. FOLLOW BUILDING DRAWINGS FOR LOCATION

1.11 STATION AREA COMMUNICATION OUTLETS

- 1.11.1 6 PORT PANDUIT INTERNATIONAL WHITE MINI-COM CLASSIC 6 PORT FACEPLATE, PART #CFPL6W1Y
1.11.2 4 PORT PANDUIT INTERNATIONAL WHITE MINI-COM CLASSIC 4 PORT FACEPLATE, PART # CFP4W1W
1.11.3 2 PORT PANDUIT INTERNATIONAL WHITE MINI-COM CLASSIC 2 PORT FACEPLATE, PART # CFP2W1W
1.11.4 1 PORT PANDUIT INTERNATIONAL WHITE SURFACE MOUNT BOX, CLAM JACK, PART # CBX11W-A, THIS IS USED FOR ACCESS POINT CEILING PLACEMENT
1.11.5 DATA JACKS - PANDUIT'S GIGA-CHANNEL MINI-JACK TX-6 MODULAR JACK (COLOR BLACK), PART #CJ688TG8L FOR ALL CATEGORY 6 CABLE.
1.11.6 PANDUIT INTERNATIONAL WHITE BLANKS PANDUIT PART # CMBWX (COME IN 10 PACKS)

1.12 TELECOMMUNICATION CLOSET COMPONENTS

- 1.12.1 FOLLOW DRAWINGS FOR INSTALLATION OF COMPONENTS IN THE TELECOMMUNICATION CLOSET.
1.12.2 TERMINATE ALL CATEGORY 6 DATA JACKS IN A SEQUENTIAL ORDER ON THE PATCH PANELS, STARTING FROM LOWEST AND GOING TO HIGHEST.
1.12.3 PROVIDE THREE PANDUIT 48 PORT ANGLED ALL METAL PATCH PANELS, PART # CP48BLNY NOTE: THE PATCH PANELS DO NOT COME WITH CATEGORY 6 JACKS. YOU MUST PROVIDE DATA JACKS FOR THE PATCH PANELS.
1.12.4 DATA JACKS - PANDUIT'S GIGA-CHANNEL MINI-JACK TX-6 MODULAR JACK (COLOR BLACK), PART #CJ688TG8L FOR ALL CATEGORY 6 CABLE.

1.13 HUMAN SERVICES NORTH BUILDING LEVEL 1 COUNTY TC

- 1.13.1 PROVIDE NEW DATA DROPS CONSISTING OF SIX CAT 6 CABLES TO THE FOLLOWING LOCATIONS. RUN THESE CABLES TO THE COUNTY HSN L1 TC LOCATED EAST OF THE COMPUTER LAB ROOM 3.0.021. DO NOT PROCEED WITH THIS UNTIL THE ENTIRE DEMO PORTION IS COMPLETED.
1. USE 6 PORT PANDUIT INTERNATIONAL WHITE MINI-COM CLASSIC 6 PORT FACEPLATE, PART #CFPL6W1Y FOR THE FOLLOWING LOCATIONS.
2. COMPUTER LAB, 3.0.021.A1-6, LABEL 3.0.21A-1, LABEL 3.0.021A-2, LABEL 3.0.021A-3 ETC...
3. COMPUTER LAB, 3.0.021.B1-6, LABEL 3.0.21B-1, LABEL 3.0.21B-2, LABEL 3.0.21B-3 ETC...
4. COMPUTER LAB, 3.0.021.C1-6, LABEL 3.0.21C-1, LABEL 3.0.21C-2, LABEL 3.0.21C-3 ETC...
5. COMPUTER LAB, 3.0.021.D1-6, LABEL 3.0.21D-1, LABEL 3.0.21D-2, LABEL 3.0.21D-3 ETC...
6. COMPUTER LAB, 3.0.021.E1-6, LABEL 3.0.21E-1, LABEL 3.0.21E-2, LABEL 3.0.21E-3 ETC...
7. COMPUTER LAB, 3.0.021.F1-6, LABEL 3.0.21F-1, LABEL 3.0.21F-2, LABEL 3.0.21F-3 ETC...
8. COMPUTER LAB, 3.0.021.G1-6, LABEL 3.0.21G-1, LABEL 3.0.21G-2, LABEL 3.0.21G-3 ETC...
9. COMPUTER LAB, 3.0.021.H1-6, LABEL 3.0.21H-1, LABEL 3.0.21H-2, LABEL 3.0.21H-3 ETC...
10. COMPUTER LAB, 3.0.021.I1-6, LABEL 3.0.21I-1, LABEL 3.0.21I-2, LABEL 3.0.21I-3 ETC...
11. COMPUTER LAB, 3.0.021.J1-6, LABEL 3.0.21J-1, LABEL 3.0.21J-2, LABEL 3.0.21J-3 ETC...
12. COMPUTER LAB, 3.0.021.K1-6, LABEL 3.0.21K-1, LABEL 3.0.21K-2, LABEL 3.0.21K-3 ETC...
13. COMPUTER LAB, 3.0.021.L1-6, LABEL 3.0.21L-1, LABEL 3.0.21L-2, LABEL 3.0.21L-3 ETC...
14. COMPUTER LAB, 3.0.021.M1-6, LABEL 3.0.21M-1, LABEL 3.0.21M-2, LABEL 3.0.21M-3 ETC...
15. COMPUTER LAB, 3.0.021.N1-6, LABEL 3.0.21N-1, LABEL 3.0.21N-2, LABEL 3.0.21N-3 ETC...
16. COMPUTER LAB, 3.0.021.O1-6, LABEL 3.0.21O-1, LABEL 3.0.21O-2, LABEL 3.0.21O-3 ETC...
17. COMPUTER LAB, 3.0.021.P1-6, LABEL 3.0.21P-1, LABEL 3.0.21P-2, LABEL 3.0.21P-3 ETC...
18. COMPUTER LAB, 3.0.021.Q1-6, LABEL 3.0.21Q-1, LABEL 3.0.21Q-2, LABEL 3.0.21Q-3 ETC...
19. COMPUTER LAB, 3.0.021.R1-6, LABEL 3.0.21R-1, LABEL 3.0.21R-2, LABEL 3.0.21R-3 ETC...
20. COMPUTER LAB, 3.0.021.S1-6, LABEL 3.0.21S-1, LABEL 3.0.21S-2, LABEL 3.0.21S-3 ETC...
21. COMPUTER LAB, 3.0.021.T1-6, LABEL 3.0.21T-1, LABEL 3.0.21T-2, LABEL 3.0.21T-3 ETC...
22. COMPUTER LAB, 3.0.021.U1-6, LABEL 3.0.21U-1, LABEL 3.0.21U-2, LABEL 3.0.21U-3 ETC...
23. COMPUTER LAB, 3.0.021.V1-6, LABEL 3.0.21V-1, LABEL 3.0.21V-2, LABEL 3.0.21V-3 ETC...

- 1.13.2 PROVIDE NEW DATA DROPS CONSISTING OF THREE CAT 6 CABLES TO THE FOLLOWING LOCATIONS. RUN THESE CABLES TO THE COUNTY HSN L1 TC LOCATED EAST OF THE COMPUTER LAB ROOM 3.0.021. DO NOT PROCEED WITH THIS UNTIL THE ENTIRE DEMO PORTION IS COMPLETED.
1. USE 4 PORT PANDUIT INTERNATIONAL WHITE MINI-COM CLASSIC 4 PORT FACEPLATE, PART #CFP4W1W AND 1 BLANK, PART CMBWX FOR THE FOLLOWING LOCATIONS.
2. COMPUTER LAB, 3.0.021.W1-6, LABEL 3.0.21W-1, LABEL 3.0.21W-2, LABEL 3.0.21W-3
3. COMPUTER LAB, 3.0.021.X1-6, LABEL 3.0.21X-1, LABEL 3.0.21X-2, LABEL 3.0.21X-3
4. FITNESS CENTER, 3.0.004C1-3, LABEL 3.0.004C-1, 3.0.004C-2, 3.0.004C-3
5. FITNESS CENTER, 3.0.004D1-3, LABEL 3.0.004D-1, 3.0.004D-2, 3.0.004D-3

- 1.13.3 PROVIDE NEW DATA DROPS CONSISTING OF TWO CAT 6 CABLES TO THE FOLLOWING LOCATIONS. RUN THIS CABLE TO THE COUNTY HSN L1 TC LOCATED EAST OF THE COMPUTER LAB ROOM 3.0.021. DO NOT PROCEED WITH THIS UNTIL THE ENTIRE DEMO PORTION IS COMPLETED.
1. USE 2 PORT PANDUIT INTERNATIONAL WHITE MINI-COM CLASSIC 2 PORT FACEPLATE, PART # CFP2W1W FOR THE FOLLOWING LOCATIONS.
2. COMPUTER LAB, 3.0.021.Z1-2, LABEL 3.0.21Z-1, 3.0.21Z-2. THIS IS MOUNTED HIGH ON THE WALL FOR A TV. PLACE BEHIND TV WHERE IT IS ACCESSIBLE TO PLUG IN PATCH CORD.
1.13.4 PROVIDE NEW DATA DROPS CONSISTING OF ONE CAT 6 CABLES TO THE FOLLOWING LOCATIONS. RUN THESE CABLES TO THE COUNTY HSN L1 TC LOCATED EAST OF THE COMPUTER LAB ROOM 3.0.021.
1. FITNESS CENTER, 3.0.004A1, LABEL 3.0.4A-1, SURFACE MOUNT THIS TO THE CEILING. USE 2 PORT PANDUIT INTERNATIONAL WHITE MINI-COM CLASSIC 4 PORT FACEPLATE, PART # CFP2W1W AND 1 BLANK, PART CMBWX FOR THIS LOCATION.
2. FITNESS CENTER, 3.0.004B1, LABEL 3.0.4B-1, SURFACE MOUNT THIS TO THE CEILING. USE 2 PORT PANDUIT INTERNATIONAL WHITE MINI-COM CLASSIC 4 PORT FACEPLATE, PART # CFP2W1W AND 1 BLANK, PART CMBWX FOR THIS LOCATION.
3. FITNESS CENTER, 3.0.004C1, LABEL 3.0.4C-1, SURFACE MOUNT THIS TO THE CEILING. USE 2 PORT PANDUIT INTERNATIONAL WHITE MINI-COM CLASSIC 4 PORT FACEPLATE, PART # CFP2W1W AND 1 BLANK, PART CMBWX FOR THIS LOCATION.
1.13.4 PROVIDE NEW DATA DROPS CONSISTING OF ONE CAT 6 CABLES TO THE FOLLOWING LOCATIONS. RUN THESE CABLES TO THE COUNTY HSN L1 TC LOCATED EAST OF THE COMPUTER LAB ROOM 3.0.021.
1. FITNESS CENTER, 3.0.004A1, LABEL 3.0.4A-1, SURFACE MOUNT THIS TO THE CEILING. USE 2 PORT PANDUIT INTERNATIONAL WHITE MINI-COM CLASSIC 4 PORT FACEPLATE, PART # CFP2W1W AND 1 BLANK, PART CMBWX FOR THIS LOCATION.
2. FITNESS CENTER, 3.0.004B1, LABEL 3.0.4B-1, SURFACE MOUNT THIS TO THE CEILING. USE 2 PORT PANDUIT INTERNATIONAL WHITE MINI-COM CLASSIC 4 PORT FACEPLATE, PART # CFP2W1W AND 1 BLANK, PART CMBWX FOR THIS LOCATION.
3. FITNESS CENTER, 3.0.004C1, LABEL 3.0.4C-1, SURFACE MOUNT THIS TO THE CEILING. USE 2 PORT PANDUIT INTERNATIONAL WHITE MINI-COM CLASSIC 4 PORT FACEPLATE, PART # CFP2W1W AND 1 BLANK, PART CMBWX FOR THIS LOCATION.

SURFACE MOUNT TO CEILING TILE

- 4. FITNESS CENTER, 3.0.004E1, LABEL 3.0.4E-1, NOTE: THIS WILL BE INSTALLED ON TOP OF THE CEILING TILE FOR AN ACCESS POINT. USE 1 PORT PANDUIT INTERNATIONAL WHITE SURFACE MOUNT BOX, CLAM JACK, PART # CBX11W-A. INSTALL COUNTY PROVIDED ACCESS POINT AND ACCESS POINT ENCLOSURE IN THE CEILING. PATCH ACCESS POINT USING COUNTY PROVIDED PURPLE PATCH CORD.
5. COMPUTER LAB, 3.0.021.Y1, LABEL 3.0.21Y-1, NOTE: THIS WILL BE INSTALLED ON TOP OF THE CEILING TILE FOR AN ACCESS POINT. USE 1 PORT PANDUIT INTERNATIONAL WHITE SURFACE MOUNT BOX, CLAM JACK, PART # CBX11W-A. INSTALL COUNTY PROVIDED ACCESS POINT AND ACCESS POINT ENCLOSURE IN THE CEILING. PATCH ACCESS POINT USING COUNTY PROVIDED PURPLE PATCH CORD.
1.13.5 RE-INSTALL PAGING SPEAKERS THAT YOU REMOVED AND SET ASIDE. RE-USE EXISTING PAGING SPEAKER CABLING THAT WAS LEFT IN THE CEILING.
1. TWO SPEAKERS IN IT TRAINING RM COMPUTER LAB 3.0.021
2. ONE SPEAKER IN PRIVATE PT ROOM 3.0.008
3. ONE SPEAKER IN PT EXERCISE ROOM, 3.0.007
4. TWO SPEAKERS IN FITNESS CENTER, 3.0.004
5. TWO SPEAKERS IN CORRIDOR 3.0.030
6. NOTE: THERE IS ONE PAGING SPEAKER IN PASSAGE 3.0.025 THAT YOU WILL NOT REMOVE, BECAUSE THE CEILING TILE IN THAT AREA WILL REMAIN.
1.13.6 TERMINATE 568A
1.13.7 ALL CABLE SHALL BE PLENUM RATED.

1.14 HUMAN SERVICES NORTH BUILDING LEVEL 1 HEALTH CLINIC TC

- 1.14.1 PROVIDE NEW DATA DROPS CONSISTING OF THREE CAT 6 CABLES TO THE FOLLOWING LOCATIONS. RUN THESE CABLES TO THE COUNTY HSN L1 HEALTH CLINIC IT TC LOCATED AT 3.0.024. DO NOT PROCEED WITH THIS UNTIL THE ENTIRE DEMO PORTION IS COMPLETED.
1. USE 4 PORT PANDUIT INTERNATIONAL WHITE MINI-COM CLASSIC 4 PORT FACEPLATE, PART #CFP4W1W AND 1 BLANK, PART CMBWX FOR THE FOLLOWING LOCATIONS.
2. PT EXERCISE ROOM, 3.0.007A1-3, LABEL 3.0.007A-1, LABEL 3.0.007A-2, LABEL 3.0.007A-3
3. PRIVATE PT ROOM, 3.0.008A1-3, LABEL 3.0.008A-1, 3.0.008A-2, 3.0.008A-3
4. PRIVATE PT ROOM, 3.0.008B1-3, LABEL 3.0.008B1, 3.0.008B2, 3.0.008B3
5. PRIVATE PT ROOM, 3.0.008C1-3, LABEL 3.0.008C1, 3.0.008C2, 3.0.008C3

1.15 HUMAN SERVICES NORTH BUILDING LEVEL 1 FITNESS CENTER

- 1.15.1 INSTALL THREE COUNTY PROVIDED CEILING MOUNTS AND TVS PER DRAWING. PATCH THE TVS USING COUNTY PROVIDED PATCH CORDS.

1.16 DEMOLITION

- 1.16.1 DEMO ALL EXISTING STATION CAT 3 AND CAT 6 CABLING IN THE REMODEL AREA AS INDICATED ON THE DRAWINGS.
1.16.2 ALL CAT 3 CABLING ORIGINATES FROM THE HSN LEVEL 1 PHONE ROOM.
1.16.3 ALL CAT 6 CABLING ORIGINATES FROM THE HSN LEVEL 1 TELECOMMUNICATIONS CLOSET.

1.17 LABELING

- 1.17.1 ALL CABLES SHALL BE LABELED WITH A COMPUTER GENERATED ID NUMBER (2-4 INCHES ABOVE THE TERMINATION) WHICH FOLLOWS THE LABELING STANDARDS OF OUTAGAMIE COUNTY. USE PANDUIT TURNTELL CABLE LABELS WHICH ALLOW FOR THE LABEL TO MOVE UP OR DOWN THE CABLE JACKET AND ROTATE WITHOUT TWISTING THE TERMINATED CABLE.
1.17.2 ALL JACK LOCATIONS SHALL HAVE COMPUTER GENERATED LABELING EASILY IDENTIFYING ALL COMMUNICATION OUTLETS FOR THAT LOCATION.
1.17.3 ALL PATCH PANELS SHALL BE LABELED WITH A COMPUTER GENERATED ID NUMBER, WHICH FOLLOWS THE LABELING STANDARDS OF OUTAGAMIE COUNTY.

1.18 WARRANTY

- 1.18.1 MATERIALS AND WORKMANSHIP HEREINAFTER SPECIFIED AND FURNISHED SHALL BE FULLY PROVIDED WITH PANDUIT 25 YEAR SYSTEM WARRANTIES.
1.18.2 IF THE AWARDED BIDDER PROCURES EQUIPMENT OR MATERIALS UNDER THE CONTRACT, THE AWARDED BIDDER SHALL OBTAIN FOR THE BENEFIT OF THE CUSTOMER, EQUIPMENT AND MATERIAL WARRANTIES AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP TO THE EXTENT SUCH WARRANTIES ARE REASONABLY OBTAINABLE.
1.18.3 THE AWARDED BIDDER SHALL PASS ALONG TO THE CUSTOMER ANY ADDITIONAL WARRANTIES OFFERED BY THE MANUFACTURERS, AT NO ADDITIONAL COSTS TO THE CUSTOMER, SHOULD SAID WARRANTIES EXTEND BEYOND THE PERIOD SPECIFIED HEREIN.
1.18.4 THIS WARRANTY SHALL IN NO MANNER COVER EQUIPMENT THAT HAS BEEN DAMAGED OR RENDERED UNSERVICEABLE DUE TO NEGLIGENCE, MISUSE, ACTS OF VANDALISM, OR TAMPERING BY THE CUSTOMER OR ANYONE OTHER THAN EMPLOYEES OR AGENTS OF THE AWARDED BIDDER. THE AWARDED BIDDER'S OBLIGATION UNDER ITS WARRANTY IS LIMITED TO THE COST OF REPAIR OF THE WARRANTED ITEM OR REPLACEMENT THEREOF, AT THE AWARDED BIDDER'S OPTION. INSURANCE COVERING SAID EQUIPMENT FROM DAMAGE OR LOSS IS TO BE BORNE BY THE AWARDED BIDDER UNTIL FULL ACCEPTANCE OF EQUIPMENT AND SERVICES.

1.19 REFERENCE STANDARDS

- 1.19.1 UL UNDERWRITER'S LABORATORIES, INC.
1.19.2 NEC NATIONAL ELECTRIC CODE
1.19.3 NFPA NATIONAL FIRE PROTECTION ASSOCIATION
1.19.4 ANEMA NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION
1.19.5 ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS
1.19.6 IEEE INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
1.19.7 ANSI AMERICAN NATIONAL STANDARDS INSTITUTE, INC.
1.19.8 BICSI BUILDING INDUSTRY CONSULTANTS SERVICE INTERNATIONAL
1.19.9 EIA/TIA ELECTRONIC / TELECOMMUNICATIONS INDUSTRY ASSOCIATION
1.19.10 ALL FEDERAL, STATE, COUNTY AND CITY LAWS, CODES AND STANDARDS APPLY
1.19.11 ALL WORK SHALL BE PERFORMED UNDER THE LATEST EDITION OF THE ABOVE STANDARDS, AVAILABLE AT THE TIME OF BIDDING. ALL REFERENCES TO A PDS WITHIN THE ABOVE STANDARDS SHALL BE IN EFFECT AS HAVING BEEN WRITTEN WITHIN THIS CONTRACT DOCUMENT.

1.20 WORKMANSHIP

- 1.20.1 ACCEPTABLE WORKMANSHIP IS CHARACTERIZED BY FIRST QUALITY APPEARANCE AND FUNCTION, CONFORMING TO ALL APPLICABLE STANDARDS OF PDS CONSTRUCTION, AND EXHIBITING A HIGH DEGREE OF QUALITY AND PROFICIENCY, WHICH IS JUDGED BY THE AWARDING BIDDER AS EQUIVALENT OR BETTER THAN ORDINARY PRODUCED BY A QUALIFIED INDUSTRY TRADESMAN.
1.20.2 THE AWARDED BIDDER MUST BE A PANDUIT PSC ENTITY CAPABLE OF PROVIDING THE CUSTOMER WITH THE TWENTY FIVE YEAR WARRANTY ON PANDUIT'S CATEGORY 6 SYSTEM. THE PROJECT SHALL BE STAFFED AT ALL TIMES BY INSTALLERS AND TECHNICIANS WHO, IN THE ROLE OF LEAD CRAFTSPERSONS, WILL BE ABLE TO PROVIDE LEADERSHIP AND TECHNICAL RESOURCES FOR THE REMAINING CRAFTSPERSONS ON THE PROJECT. A COPY OF THE PANDUIT REGISTERED INSTALLERS MUST BE SUBMITTED IN THE AWARDED BIDDER'S RESPONSE TO THIS RFB. THE AWARDED BIDDER SHALL ASSIGN PANDUIT REGISTERED INSTALLERS TO THIS PROJECT.
1.20.3 PERSONNEL SHALL NOT BE USED IN THE PERFORMANCE OF THE INSTALLATION OF MATERIAL AND EQUIPMENT WHO IN THE OPINION OF THE OWNER AND/OR PROJECT MANAGER, ARE DEEMED TO BE CARELESS OR UNQUALIFIED TO PERFORM THE ASSIGNED TASKS. MATERIAL AND EQUIPMENT INSTALLATIONS NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, OR INSTALLED WITH THE SUBSTANDARD WORKMANSHIP AND NOT ACCEPTABLE TO THE OWNER AND/OR PROJECT MANAGER, SHALL BE REMOVED AND REINSTALLED BY THE QUALIFIED CRAFTSMAN AT NO CHARGE TO THE OWNER AND WITH NO CHANGES TO THE CONTRACT PRICE.
1.20.4 WIRING COLOR CODES SHALL BE OBSERVED AT ALL TIMES AND TERMINATIONS SHALL BE UNIFORM THROUGHOUT THE PDS.
1.20.5 EIA/TIA 568A WIRING CODE SHALL STANDARDIZE ALL DATA COMMUNICATIONS TWISTED PAIR WIRING.
1.20.6 IDENTIFICATION LABELING AND SYSTEM MARKING SHALL BE UNIFORM THROUGHOUT THE PDS.

1.21 GENERAL CABLING PRACTICES

- 1.21.1 FIRE STOPPING SHALL BE THE RESPONSIBILITY OF THE AWARDED BIDDER. ALL PENETRATIONS OF WALLS AND/OR FLOOR SPACES SHALL BE FIRE STOPPED WITH THE EXACT TIME RATING AS THE WALL AND/OR FLOOR ITSELF.
1.21.2 REFER AND ADHERE TO EIA/TIA 607 AND THE NATIONAL ELECTRIC CODE FOR ALL GROUNDING.

1.22 CABLE SUPPORT AND ROUTING

- 1.22.1 STATION CABLE AND THE CABLES USED IN THIS PDS ARE TO BE INSTALLED PER STANDARD CABLING PRACTICES. WHEN CEILING SPACE IS USED, CABLES SHALL BE ROUTED AT RIGHT ANGLES TO ELECTRICAL POWER CIRCUITS AND A MINIMUM OF 12 FEET FROM THOSE CIRCUITS.
1.22.2 USE OF CEILING TILE GRIDS OR HANGER WIRES FOR CABLE SUPPORTS SHALL BE PROHIBITED.
1.22.3 VERTICAL RISER CABLES AND BUNDLES OF HORIZONTAL CABLING PASSING BETWEEN FLOORS SHALL BE PROPERLY SECURED TO PREVENT SLIPPAGE DUE TO GRAVITY. AS A MINIMUM REQUIREMENT, CABLES SHALL BE SUPPORTED AT THEIR UPPERMOST POINT AND AT EACH FLOOR OF VERTICAL PLACEMENT.
1.22.4 ALL HORIZONTAL CABLING SHALL BE PHYSICALLY SUPPORTED IN ACCORDANCE WITH THE LATEST REVISION OF THE EIA/TIA CATEGORY 6 AND 568 STANDARDS.
1.22.5 ALL HORIZONTAL CABLING THAT IS INSTALLED IN SECURE AREAS SHALL BE SUPPORTED VIA J-HOOK TYPE SUPPORTS AT A MINIMUM OF 4 FEET APART FOR ALL CEILING AREAS WHERE CONDUIT OR CABLE TRAY IS UNAVAILABLE. A SECURE AREA IS DEFINED AS AN AREA THAT CAN ONLY BE ACCESSED THROUGH SECURITY CEILING DOORS. ALL HORIZONTAL CABLING THAT IS INSTALLED OUTSIDE OF SECURE AREAS MUST BE SUPPORTED IN RIGID CONDUIT.

1.23 TESTING

- 1.23.1 EACH DATA OUTLET SHALL BE VERIFIED TO CATEGORY 6 COMPLIANCE PER MOST RECENT REVISION OF EIA/TIA STANDARD. ALL TESTING WILL BE BETWEEN THE WORKSTATION OUTLET AND PATCH PANEL PORT IN THE TELECOMMUNICATION CLOSET. TEST ALL NEWLY INSTALLED AND RE-TERMINATED CABLES.
1.23.2 DOCUMENTATION OF THE TESTING SHALL BE REQUIRED. THE CONTRACTOR SHALL PROVIDE AN ELECTRONIC COPY OF THE TEST RESULTS, FROM THE TEST UNIT USED, TO THE PROJECT MANAGER FOR APPROVAL. THE REPORT SHALL SHOW ALL DEFECTIVE PAIRS NOT CLEARED AND THE DEFECT AND TEST RESULTS OF ALL PAIRS LISTED. ALL DEFECTS MUST BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.

1.24 INSPECTION, ACCEPTANCE, AND TITLE

- 1.24.1 INSPECTION WILL BE AT DESTINATION AND UPON SUCCESSFUL INSTALLATION UNLESS OTHERWISE PROVIDED. ACCEPTANCE WILL BE AT DESTINATION UPON SUCCESSFUL INSTALLATION, AND AFTER THE CUSTOMER RECEIVES THE CERTIFICATE OF WARRANTY (25 YEARS) FROM PANDUIT. TITLE TOIOR RISK OF LOSS OR DAMAGE TO ALL ITEMS SHALL BE THE RESPONSIBILITY OF THE SUCCESSFUL AWARDED BIDDER UNTIL ACCEPTANCE BY THE CUSTOMER. UNLESS LOSS OR DAMAGE RESULTS FROM NEGLIGENCE BY THE CUSTOMER. IF THE MATERIALS OR SERVICES SUPPLIED TO THE CUSTOMER ARE FOUND TO BE DEFECTIVE OR DO NOT CONFORM TO THE SPECIFICATIONS, THE CUSTOMER RESERVES THE RIGHT TO CANCEL THE CONTRACT UPON WRITTEN NOTICE TO THE AWARDED BIDDER AND RETURN PRODUCTS AT THE AWARDED BIDDER'S EXPENSE, BASED UPON THE TERMS OF THE CONTRACT.
1.24.2 THE CUSTOMER SHALL AT ALL TIMES HAVE ACCESS TO THE WORK WHEREVER IT IS IN PREPARATION OR PROGRESS, AND THE AWARDED BIDDER SHALL PROVIDE PROPER FACILITIES FOR SUCH ACCESS AND FOR INSPECTION.
1.24.3 THE AWARDED BIDDER SHALL NOT CLOSE UP ANY WORK UNTIL THE CUSTOMER HAS INSPECTED THE WORK. SHOULD THE AWARDED BIDDER CLOSE UP THE WORK PRIOR TO INSPECTION BY THE CUSTOMER, THE AWARDED BIDDER SHALL UNCOVER THE WORK FOR INSPECTION BY THE CUSTOMER AT NO COST TO THE CUSTOMER. AND THEN RECOVER THE WORK ACCORDING TO THE SPECIFICATION CONTAINED HEREIN. THE AWARDED BIDDER SHALL NOTIFY THE CUSTOMER IN WRITING WHEN THE WORK IS READY FOR INSPECTION. THE CUSTOMER WILL INSPECT THE WORK AS EXPEDITIOUSLY AS POSSIBLE AFTER RECEIPT OF NOTIFICATION FROM THE AWARDED BIDDER.

1.25 AS BUILT DRAWINGS

- 1.25.1 AS BUILT DOCUMENTATION COMPLYING WITH THE CONTRACT DOCUMENT SHALL BE PROVIDED AS PART OF THE PDS CONTRACT. AS BUILT DRAWINGS SHALL BE A COMPLETE SET OF FLOOR PLANS OR LOT PLANS SHOWING ALL OUTLETS AS NUMBERED AND THEIR LOCATIONS. ALL CABLE ROUTING AND CROSS CONNECT LOCATIONS INDICATING TERMINATIONS SHALL BE REQUIRED. ALL TEST REPORTS FOR CABLES SHALL BE INCLUDED. AS BUILT DOCUMENTS SHALL BE DELIVERED TO THE OWNER AND PROJECT MANAGER IN BOTH HARD COPY AND ELECTRONIC FORMAT. THE ELECTRONIC FORMAT SHALL BE CREATED IN BOTH AUTOCAD AND PDF. ALL REQUIRED AS BUILT DOCUMENTATION IS MANDATORY AND SHALL BE REQUIRED PRIOR TO THE PDS ACCEPTANCE.

DETAIL GENERAL NOTES:

PROVIDE AND INSTALL BY THE ELECTRICAL CONTRACTOR.

THE CONTRACTOR IS TO SUB A PANDUIT CERTIFIED INSTALLER.

PROVIDE AND INSTALL DATA / TELECOMMUNICATIONS PER THIS DETAILS AND ITS "DATA SPECIFICATIONS".

PROVIDE AND INSTALL CAT 6 DATA / VOICE CABLING FROM OUTLET TO IDF / PATCH PANEL. TERMINATE AND TEST. ROUTE IN CONDUIT AND WIRE MANAGEMENT PER THIS DETAIL.

PROVIDE AND INSTALL COMMUNICATION DEVICES, PLATES, CONDUIT PATHWAYS / SLEEVES, LABELING AND BOXES.

PROVIDE ALL TERMINATING AND TESTING OF TELECOMMUNICATIONS CABLING.

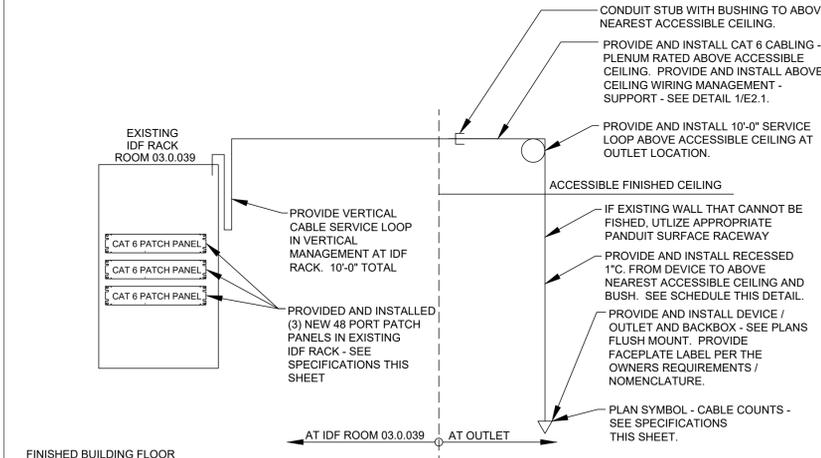
PROVIDE AND INSTALL ALL ABOVE CEILING WIRE MANAGEMENT.

PROVIDE AND INSTALL FLUSH MOUNT DEVICE / ACTIVATION OUTLET / COVER PLATE.

PROVIDE AND INSTALL ALL LABELING.

PROVIDE AND INSTALL (3) 48 PORT CAT 6 MODULAR PATCH PANEL.

FOR QUESTIONS CONTACT:
TIM TANGLIN
OUTAGAMIE COUNTY
IT NETWORK ENGINEERING MANAGER
320 S WALNUT ST
APPLETON WI 54911
920-832-5352 OFFICE PHONE
TIM.TANGLIN@OUTAGAMIE.ORG



TELECOMMUNICATIONS SYSTEM AND SPECIFICATIONS DETAIL

1
E3.1
NO SCALE

Martenson & Eisele, Inc.
1377 Midway Road
Menasha, WI 54952
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info@martenson-eisele.com
920.751.0361 1.800.236.0361

Table with columns: APPROVED, CHECKED, DRAWN BY, NO., KCV, DATE, TGC, REVISION.

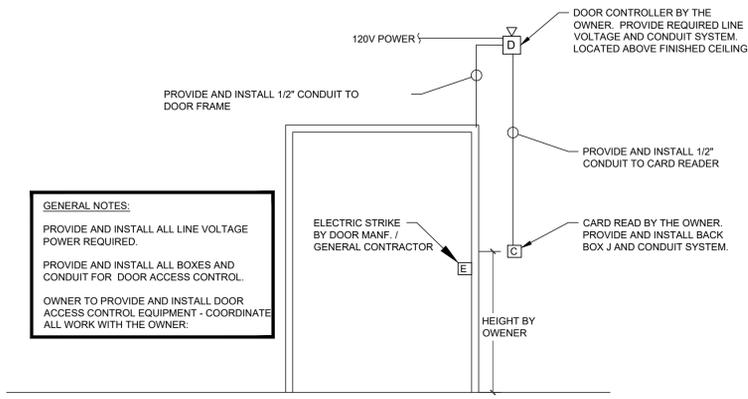
OUTAGAMIE COUNTY
DOWNTOWN APPLETON CAMPUS
PHYSICAL THERAPY CLINIC
410 SOUTH WALNUT STREET | APPLETON, WISCONSIN

Table with columns: SCALE, DATE, PROJECT NUMBER.
SCALE: 1/4" = 1'-0"
DATE: 11/22/2024
PROJECT NUMBER: 1-0915-008

LOW VOLTAGE
SYSTEMS
SPECIFICATIONS AND
DETAIL

MIDWEST DESIGN SOLUTIONS, LLC
N7668 Bodart ct, Seymour, WI 54165
scott@mwdssolutions.com
(920) 621-7874

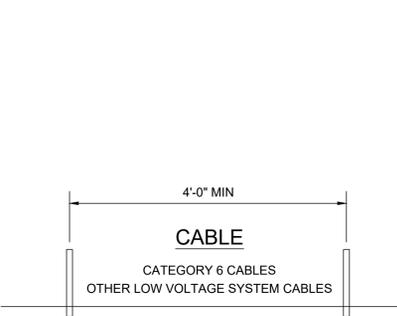
DRAWING NO.
E3.1



GENERAL NOTES:
 PROVIDE AND INSTALL ALL LINE VOLTAGE POWER REQUIRED.
 PROVIDE AND INSTALL ALL BOXES AND CONDUIT FOR DOOR ACCESS CONTROL.
 OWNER TO PROVIDE AND INSTALL DOOR ACCESS CONTROL EQUIPMENT - COORDINATE ALL WORK WITH THE OWNER.

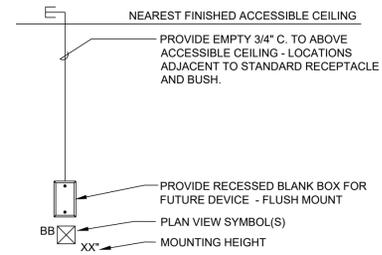
DOOR ACCESS CONTROL DETAIL

3
E4.1
NO SCALE



MAX. CABLE SUPPORT DISTANCES

2
E4.1
NO SCALE



BLANK BOX DEVICE DETAIL

1
E4.1
NO SCALE

ELECTRICAL SYMBOLS

⊕	DUPLEX RECEPTACLE (D)(I)	⊕	SINGLE LEVEL LIGHT SWITCH (A)(E)(I)
⊕	DUPLEX RECEPTACLE ABOVE COUNTER (B)(D)	⊕	LIGHT SWITCHING/POWER CIRCUIT
⊕	DOUBLE DUPLEX RECEPTACLE (D)(I)	⊕	LIGHT UNSWITCHING CIRCUITING
⊕	DOUBLE DUPLEX RECEPTACLE ABOVE COUNTER (B)(D)	⊕	LED LIGHT FIXTURE - 4" STRIP LIGHT
⊕	EMPTY J-BOX (G)(H)	⊕	LED LIGHT FIXTURE - 2X4 (M)
⊕	SURFACE MOUNTED PANELBOARD	⊕	LED LIGHT FIXTURE - 2X2 (M)
⊕	FLUSH MOUNTED PANELBOARD	⊕	UNIVERSAL MOUNTED EXIT SIGN
⊕	FUSED DISCONNECT	⊕	EMERGENCY BATTERY UNIT
⊕	NON-FUSED DISCONNECT	⊕	OCCUPANCY SENSOR (A)
⊕	MOTOR	⊕	FIRE ALARM HORN STROBE (F)
⊕	DATA / VOICE OUTLET (B)(C)(F)(K)	⊕	FIRE ALARM STROBE (F)
⊕	PAGING SPEAKER	⊕	FIRE ALARM SMOKE DETECTOR (F)
⊕	DOOR ACCESS CONTROL - ELECTRIC STRIKE (L)		
⊕	DOOR ACCESS CONTROL - CARD READER LOCATION (L)		
⊕	DOOR ACCESS CONTROL - DOOR CONTROLLER (L)		
⊕	LOOP LEADER		
⊕	POWER POLE		
⊕	PLAN NOTE SYMBOL		
⊕	REVISION CLOUD IDENTIFICATION MARK		
⊕	LINE CONTINUATION BREAK		
⊕	SITE PHOTO REFERENCE		

ELECTRICAL SYMBOL NOTES:

(A) FOR OCCUPANCY SENSOR TYPE, SEE OCCUPANCY SENSOR DETAIL 2/E1.1.

(B) WHERE SYMBOL INDICATES INSTALLATION ABOVE A COUNTER, INSTALL RECEPTACLE 4" ABOVE COUNTER BACKSPASH OR COUNTER (IF BACKSPASH IS NOT PRESENT). IF COUNTER DOES NOT EXIST, INSTALL AT 44" AFF, UNLESS NOTED OTHERWISE. COORDINATE WITH CASEWORK DETAILS PRIOR TO ROUGH-IN.

(C) PROVIDE DOUBLE GANG BOX WITH SINGLE GANG OPENING. ROUTE 1" CONDUIT TO ABOVE ACCESSIBLE CEILING AND BUSH END OF CONDUIT.

(D) RECEPTACLE SUBSCRIPTS:
 GFI GROUND FAULT INTERRUPTING
 WP WEATHERPROOF BOX
 EXR EXISTING TO REMAIN
 C MOUNTED IN CEILING
 USB DUAL INTEGRAL USB CHARGER

(E) DIGITAL SWITCH SUBSCRIPTS:
 D DIMMER
 OS1W AUTOMATIC WALL SWITCH - SEE DETAIL 2/E1.1
 WS MANUAL WALL SWITCH - SEE DETAIL 2/E1.1
 WSD MANUAL WALL SWITCH WITH DIMMING - SEE 2/E1.1

(F) LOW VOLTAGE DEVICE SUBSCRIPTS:
 C MOUNTED IN CEILING
 WAP WIRELESS ACCESS POINT
 # CABLE COUNT - SEE DETAIL 1/E3.1
 EX EXISTING
 EXR EXISTING TO REMAIN
 EXREL EXISTING RELOCATED

(G) PROVIDE EMPTY JUNCTION BOX FOR FUTURE POWERPHONE/DATA/CATV/VIDEO ETC. WHERE JUNCTION BOXES ARE SHOWN, PROVIDE A DOUBLE GANG BOX WITH SINGLE GANG OPENING ADJACENT TO THE RECEPTACLE (IF PRESENT) AND PROVIDE A 1" CONDUIT TO ABOVE ACCESSIBLE CEILING AND BUSH END OF CONDUIT. PROVIDE PULL STRING TO FACILITATE CABLE PULLING.

(H) INSTALL AT 18" AFF, UNLESS NOTED OTHERWISE - TOP OF BOX

(I) INSTALL AT 48" AFF UNLESS NOTED OTHERWISE - TOP OF BOX

(J) FIRE ALARM SUBSCRIPTS:
 C CEILING MOUNTED

(K) SEE DETAIL 1/E3.1 FOR MORE INFORMATION REGARDING LOW VOLTAGE SYSTEMS - DATA / VOICE AND PAGING.

(L) SEE DETAIL 3/E4.1.

(M) LIGHT FIXTURES:
 NL NIGHT LIGHT
 EM EMERGENCY BATTERY (AND OR SHADED FIXTURE)

GENERAL NOTES:
 ETR EXISTING TO REMAIN
 EX EXISTING
 EXREL EXISTING RELOCATED

Martenson & Eisele, Inc.
 Planning
 Environmental
 Surveying
 Engineering
 Architecture

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 920.731.0381 1.800.236.0381

DRAWN BY	NO.	KCV	DATE	CHECKED	TGC	APPROVED
						KBS
						REVISION

OUTAGAMIE COUNTY
 DOWNTOWN APPLETON CAMPUS
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ELECTRICAL -
 DETAILS
 AND SYMBOLS
 LIST

DRAWING NO.
 E4.1