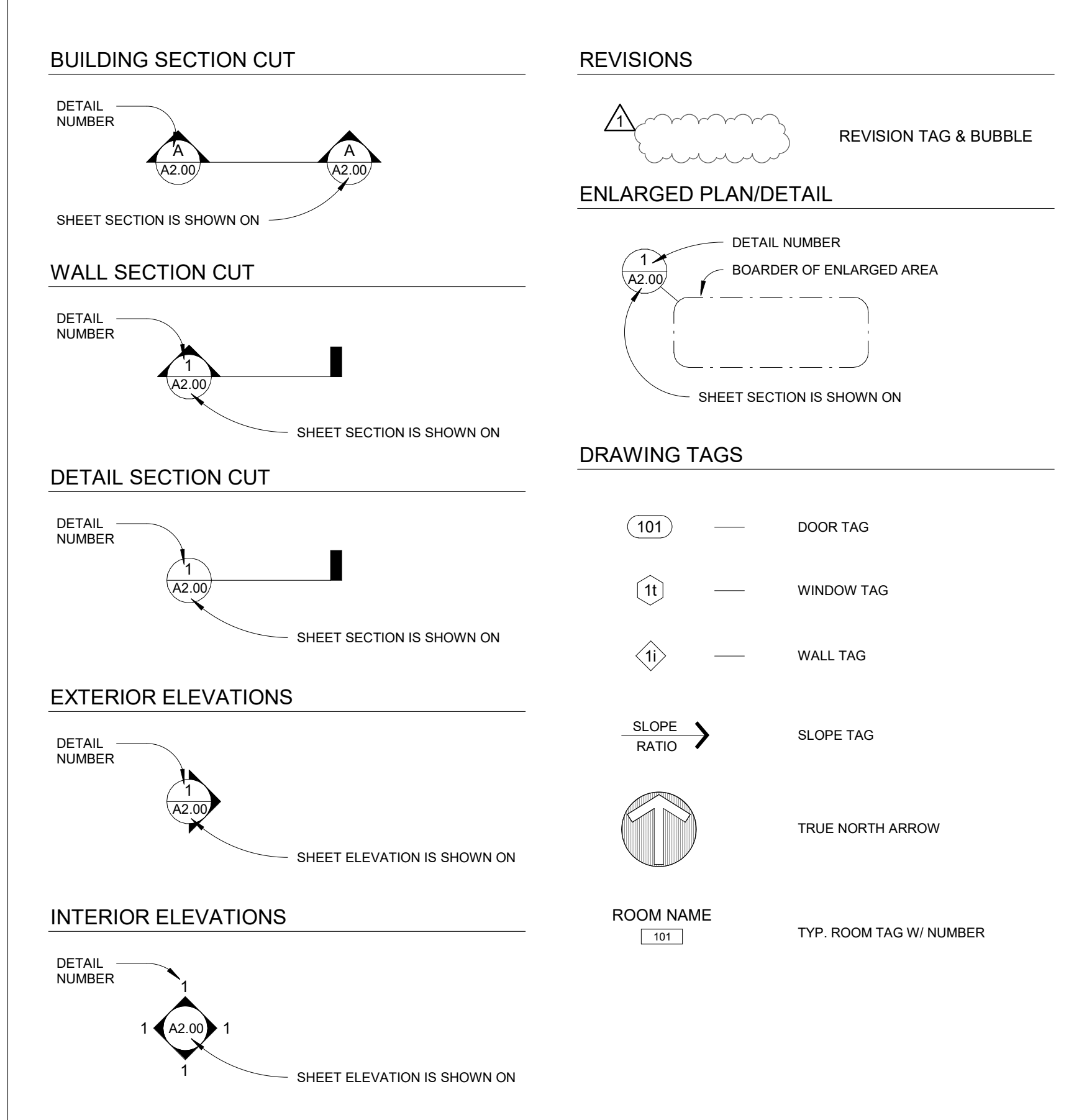


ABBREVIATIONS

"	INCHES	ENCL	ENCLOSURE	LOC	LOCATION	SIM	SIMILAR TO
#	POUND/NUMBER	ENT	ENTRANCE	LT	LIGHT	SKY	SKYLIGHT
%	PERCENT	EPDM	ETHYLENE PROPYLENE DIENE MONOMER	LTL	LINTEL	SMH	SEWER MANHOLE
&	AND	EQ	EQUAL	LVR	LOUVER	SP	SPACES
'	FEET	EQIP	EQUIPMENT	LW	LONG WAY	SPEC	SPECIFICATION
/	PER	EXC	EXCAVATE / EXCAVATION	M.O.	MASONRY OPENING	SQ.	SQUARE
<	ANGLE	EXIST	EXISTING	MAS	MASONRY	SS	SOLID SURFACE
@	AT	EXP	EXPANSION	MATL	MATERIAL	SSMA	STEEL STRUCTURAL MANUFACTURERS ASSOCIATION
©	COPYRIGHT	EXPD	EXPOSED	MAX	MAXIMUM	SST	STAINLESS STEEL
°	DEGREE	EXT	EXTERIOR	MBR	MEMBER	STD	STANDARD
±	PLUS/MINUS	F.A.	FIRE ALARM	MC	MOMENT CONNECTION	STIFF	STIFFENER
∅	DIAMETER	F.D.	FLOOR DRAIN	MDF	MEDIUM DENSITY FIBREBOARD	STL	STEEL
A.B.	ANCHOR BOLT	F.E.	FIRE EXTINGUISHER	MECH	MECHANICAL	STOR	STORAGE
A.C.	AIR CONDITIONING	F.E.C.	FIRE EXTINGUISHER CABINET	MED	MEDIUM	STRUC	STRUCTURAL
A.D.	AREA DRAIN	F.H.YD.	FIRE HYDRANT	MEMB	MEMBRANE	SUSP.	SUSPENDED
ACT	ACOUSTICAL CEILING TILE	F.O.	FACE OF	MEZZ	MEZZANINE	SW.	SHORT WAY
ADD	ADDITIONAL	F.O.C.	FACE OF CONCRETE / CURB	MFR	MANUFACTURER	SYM.	SYMMETRICAL
ADDM	ADDENDUM	F.O.F.	FACE OF FINISH	MH	MANHOLE	T&B	TOP AND BOTTOM
ADJ	ADJUSTABLE	F.O.M.	FACE OF MASONRY	MIN	MINIMUM	T&G	TOUNGE AND GROOVE
AFF	ABOVE FINISHED FLOOR	F.O.S.	FACE OF STUDS	MIR	MIRROR	T.	TREAD
AGGR	AGGREGATE	F.R.	FIRE RATED	MISC.	MISCELLANEOUS	T.G	TEMPERED GLASS
AHU	AIR HANDLING UNIT	F.R.P.	FIBER-REINFORCED PLASTIC	MTD	MOUNTED	T.O.	TOP OF
ALT	ALTERNATE	F.R.T.	FIRE RETARDANT TREATED	MTG.	MOUNTING HEIGHT	T.O.C.	TOP OF CONCRETE
ALUM	ALUMINUM	F.S.	FAR SIDE	HT.	HEIGHT	T.O.M.	TOP OF MASONRY
ANOD	ANODIZED	F/BLDG.	FACE OF BUILDING	MULL	MULLION	T.O.S.	TOP OF STEEL
APPRO	APPROXIMATE	F/CONC.	FACE OF CONCRETE	MULT	MULTIPLE	T.S.	TUBE STEEL
X		FDC	FIRE DEPARTMENT CONNECTION	N	NORTH	T.V.	TELEVISION
ARCH	ARCHITECTURAL	FF	FINISH FLOOR	N.I.C.	NOT IN CONTRACT	TECH	TECHNICAL
AUTO	AUTOMATIC	FFE	FINISH FLOOR ELEVATION	N.O.	NUMBER	TELE	TELEPHONE
B.O.	BOTTOM OF	FHV	FIRE HOSE VALVE CABINET	N.R.	NOT RATED	TEMP	TEMPERATURE
B.P.L.	BASE PLATE	FIN.	FINISH	N.S.	NEAR SIDE	TERR	TERRAZZO
BD	BOARD	FL	FLASHING	N.T.S.	NOT TO SCALE	THRU	THROUGH
BDF	BUILDING DISTRIBUTION FACILITY	FLG.	FLANGE	N.F.P.A.	NATIONAL FIRE PROTECTION ASSN	TRANS	TRANSITION
BFP	BACK FLOW PREVENTER	FLR	FLOORING	NOM	NOMINAL	TYP.	TYPICAL
BIT	BITUMINOUS	FLUR	FLUORESCENT	NORM	NORMAL	U.N.O.	UNLESS NOTED OTHERWISE
BLDG	BUILDING	FRMG	FRAMING	NRC	NOISE REDUCTION COEFFICIENT	UL	UNDERWRITERS LABORATORIES, INC.
BLK	BLOCK	FT	FOOT / FEET	O.C.	ON CENTER	UNF	UNFINISHED
BLKG	BLOCKING	FTG	FOOTING	O.D.	OVERFLOW DRAIN	UR	URINAL
BM	BEAM	FURR	FURRING	O.F.	OUTSIDE FACE	V.A.T.	VINYL ASBESTOS TILE
BOT	BOTTOM	G	GAS	O.F.S.	OUTSIDE FACE OF STUD	VB	VAPOR BARRIER
BRDG.	BRIDGING	G.B.	GRADE BEAM	O.H.	OVERHEAD	VCT	VINYL COMPOSITION TILE
BRG	BEARING	G.C.	GENERAL CONTRACTOR	O.I.O.	OUT TO OUT	VERT	VERTICAL
BTJ.	BOLTED TIE JOINT	G.F.R.G.	GLASS FIBER REINFORCED GYPSUM	OF/CI	OWNER FURNISH / CONTRACTOR INSTALL	VEST.	VESTIBULE
BTWN	BETWEEN	G.I.	GALVANIZED IRON	OFF.	OFFICE	VIF	VERIFY IN FIELD
BW	BACK OF WALK	G.R.	GUARDRAIL	OPNG	OPENING	VWC	VINYL WALL COVERING
C.B.	CATCH BASIN	GA	GAUGE	OPP	OPPOSITE	W	WEST
C.G.	CORNER GUARD	GALV	GALVANIZED	ORIG	ORIGINAL	W.C.	WATER CLOSET
C.I.	CAST IRON	GB	GRAB BAR	OVHG	OVERHANG	W.P.	WORK POINT
C.I.P.	CAST-IN-PLACE	GEN	GENERATOR	OZ	OUNCE	W/	WITH
C.J.	CONTROL JOINT	GFI	GROUND FAULT INTERRUPTED	P.C.	PRECAST CONCRETE	W/O	WITHOUT
C.L.	CENTERLINE	H.D.F.	HANDICAP DRINKING FOUNTAIN	P.O.C.	POINT OF CONNECTION	WD	WOOD
C.O.	CLEAN OUT	HB	HOSE BIBB	P.T.	PRESSURE TREATED	WDW	WINDOW
C.Y.	CUBIC YARD	HC	HANDICAP ACCESSIBLE	PL	PROPERTY LINE	WF	WIDE FLANGE
CANTL	CANTILEVER	HD'D	HEADED	PAR	PARALLEL	WH	WATER HEATER
CEM	CEMENT	HDR	HEADER	PARA	PARAPET	WP	WATERPROOF
CFL	COUNTERFLASHING	H.D.W.	HARDWARE	PERF	PERFORATED	WRB	WEATHER RESISTANT BARRIER
CID	CLEAR INSIDE DIMENSION	HT	HEIGHT	PL	PLATE	WSCT.	WAINGSCOT
CLG	CEILING	HTV	HEATING / VENTILATING / AIR CONDITIONING	PLAM	PLASTIC LAMINATE	WT.	WEIGHT
CLKG	CAULKING	I.D.	INSIDE DIAMETER / DIMENSION	PLT.	PARTIAL BOARD	WTR	WATER
CLO	CLOSET	IND	INCLUDED	BD.	BOARD	WWF	WELDED WIRE FIREBRICK
CLR	CLEAR	IND'D	INDUSTRIAL	PLUM	PLUMBING	XFMR	TRANSFORMER
CLRM	CLASSROOM	IND'W	INDUSTRIAL WOOD	PLYWD	PLYWOOD		
CMU	CONCRETE MASONRY UNIT	HM	HOLLOW METAL	PNT	PAINT		
CNTR	COUNTER	HORIZ	HORIZONTAL	PR.	PAIR		
COL	COLUMN	HR	HOUR	PSF	POUNDS / SQUARE FOOT		
CONC	CONCRETE	HRV	HEAT RECOVERY UNIT	PSI	POUNDS / SQUARE INCH		
CONN	CONNECTION	HSS	HOLLOW STEEL SECTION	PT	POINT		
CONST	CONSTRUCTION	HT	HEIGHT	PTN	PARTITION		
R		HVAC	HEATING / VENTILATING / AIR CONDITIONING	PVC	POLYVINYL CHLORIDE		
CONT	CONTINUOUS	I.D.	INSIDE DIAMETER / DIMENSION	PVMT	PAVEMENT		
COORD	COORDINATE	INT	INTERIOR	PWR	POWER		
CORR	CORRIDOR	QTY	QUANTITY	QT	QUARRY TILE		
CPT	CARPET	R	RADIUS / RISER	R	RADIUS / RISER		
CSK	COUNTERSINK / COUNTERSUNK	INC'D	INCLUDED	R.A.	RETURN AIR		
CSMT	CASEMENT	IND	INDUSTRIAL	R.B.	RUBBER OR RESILIENT BASE		
CT	CERAMIC TILE	IND'W	INDUSTRIAL WOOD	R.D.	ROUGH OPENING		
CU FT	CUBIC FOOT / FEET	INSUL	INSULATION	R.O.	ROUGH OPENING		
D.F.	DRINKING FOUNTAIN	INT	INTERIOR	RAD	RADIUS		
D.I.	DRAIN INLET	J.B.	JUNCTION BOX	REF	REFERENCE		
D.K.	DECK	J.B.	JOIST / BEARING	REFG	REFRIGERATOR		
D.L.	DEAD LOAD	JAN	JANITOR	REINF	REINFORCED		
D.O.	DOOR OPENING	JNT	JOINT	REQD	REQUIRED		
DBA	DEFORMED BAR ANCHOR	JNT	JOINT	RESIL	RESILIENT		
DBL	DOUBLE	JST.	JOIST	RET.	RETAINING		
DEG	DEGREE	JT	JOINT	REV	REVISED / REVISION		
DEPT	DEPARTMENT	K	KIP (1000 lbs)	RH	ROOF HATCH		
DIA	DIAMETER	K.P.L.	KICK PLATE	RM	ROOM		
DIAG	DIAGONAL	K.D.	KNOCK DOWN	RTU	ROOF TOP UNIT		
DIM	DIMENSION	K.O.	KNOCK OUT	S	SOUTH		
DISP	DISPENSER	KIT	KITCHEN	S.C.	SOLID CORE		
DIV	DIVISION	KW	KILOWATT	S.F.	STOREFRONT		
DJ	DOUBLE JOIST	L	LEGTH	S.F.	STOREFRONT		
DN	DOWN	L.G.	LONG	S.O.G.	SLAB ON GRADE		
DR	DOOR	L.H.	LEFT HAND	S.V.	SHEET VINYL		
DS	DOWNSPOUT	L.L.	LIVE LOAD	SCHED	SCHEDULED		
DTL	DETAIL	L.W.C.	LIGHT WEIGHT CONCRETE	SD	STORM DRAIN / SMOKE DETECTOR		
DWG	DRAWING	LAB	LABORATORY	SECT.	SECTION		
DWLS	DOWELS	LAM	LAMINATE	SGT	STRUCTURAL GLAZED TILE		
DWR	DRAWER	LAV	LAVATORY	SH	SHELF		
E	EAST	LB	LIVE LOAD	SHT	SHEET		
E.F.	EACH FACE	LKR	LOCKER	SHTG	SHEATHING		
E.J.	EXPANSION JOINT	LLH	LONG LEG HORIZONTAL	SHWR	SHOWER		
E.S.	EACH SIDE	LLV	LONG LEG VERTICAL	SIM.	SIMILAR		
E.W.	EACH WAY						
EA.	EACH						
ELEV	ELEVATION						
ELEC	ELECTRICAL						
ELEV	ELEVATOR						
EMER	EMERGENCY						

SYMBOLS LEGEND



BUILDING CODE REVIEW

BUILDING CODE:	2015 MICHIGAN BUILDING CODE	EXISTING BUILDING (GROSS)	25,307 S.F.	
BUILDING AREA:	2021 MICHIGAN MECHANICAL CODE	EDUCATIONAL GROUP	NS	
BUILDING OCCUPANCY TYPE:	2021 MICHIGAN PLUMBING CODE	TYPE IIB	NS	
CONSTRUCTION TYPE:	2015 MICHIGAN ENERGY CODE	EDUCATIONAL GROUP	NS	
ALLOWABLE AREA:	2023 NATIONAL ELECTRIC CODE	14,500 S.F.		
INCREASE ALLOWABLE:	2016 SCHOOL FIRE SAFETY RULES	NA		
ALLOWABLE HEIGHTS:	NFPA 101 LIFE SAFETY CODE 2012	55'		
ALLOWABLE NUMBER OF STORIES:	AMERICANS WITH DISABILITY ACT ACCESSIBILITY GUIDELINES	2		
HEIGHT MODIFICATION:		NA		
FIRE RESISTIVE CONSTRUCTION:				
STRUCTURAL FRAMING:	(TABLE 601)	0		
BEARING WALLS:				
EXTERIOR:	(TABLE 601.602)	2		
INTERIOR:	(TABLE 601)	0		
NON-BEARING WALLS:				
EXTERIOR:	(TABLE 601.602)	1 HR. - 4"		
INTERIOR:	(TABLE 601)	0		
FLOOR CONSTRUCTION:	(TABLE 601)	0		
ROOF CONSTRUCTION:	(TABLE 601)	0		
EXIT ACCESS:				
CORRIDOR WALLS:	(SEC. 708, SEC. 1020.1)	0 HR. W/O SPRINKLER SYSTEM AND > 30 PEOPLE		
EXIT CORRIDORS:	(SEC. 1024.3)	1 HR. FOR ALL EXIT PASSAGEWAYS (WALLS, CEILING & FLOORS)		
CORRIDOR WIDTH:	(TABLE 1020.2)	< 50 PEOPLE = 36" MIN., > 100 PEOPLE = 72" MIN., OTHERWISE 44"		
CORRIDOR DOORS:	(TABLE 716.1(2))			
OCCUPANCY LOAD CALC:	(TABLE 1004.5)			
SPACE FUNCTION	FACTOR	TYPE	AREA	COUNT
ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300	GROSS	3,275 S.F.	10.92
ASSEMBLY: CONCENTRATED	7	NET	1,862 S.F.	266.00
ASSEMBLY: UNCONCENTRATED	15	NET	0 S.F.	0.00
BUSINESS (ADMIN OFFICES)	150	GROSS	617 S.F.	4.11
EDUCATION: CLASSROOM	20	NET	11,480 S.F.	574.00
KITCHEN: COMMERCIAL	200	GROSS	1,027 S.F.	5.14
LIBRARY: STACKS	100	GROSS	362 S.F.	3.62
TOTAL OCCUPANCY COUNT				864
EGRESS:				594.17
NUMBER EXITS REQUIRED:	(TABLE 1006.2.1)	(2) EXITS REQUIRED IF 49 OCC. < 500 OCC. (3) EXITS REQUIRED IF 501 OCC. < 1,000 OCC. (4) EXITS REQUIRED IF > 1,001 OCC.		
WIDTH OF EGRESS:	(SEC. 1005)	STAIRS = 0.3' x OCCUPANT LOAD OTHER = 0.2' x OCCUPANT LOAD		
EXIT ACCESS:	(SEC. 1016.2)	MAX. 1 INTERVENING SPACE (ONLY IF ADJOINING ROOMS OR AREAS AND THE AREA SERVED ARE ACCESSORY TO ONE OR THE OTHER)		
TRAVEL DISTANCE:	(TABLE 1017.2)	200' MAX. WITHOUT SPRINKLERS CAN INCREASE TO 250' IF BUILDING IS SPRINKLED		
MINIMUM CORRIDOR WIDTH:	(TABLE 1029.2)	DEAD-END CORRIDORS SHALL NOT EXCEED 20'		
DEAD-END CORRIDORS:	(SEC. 1029.4)	CAN INCREASE TO 50' IF BUILDING IS SPRINKLED		

GENERAL NOTES

- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH APPLICABLE SECTIONS OF THE FEDERAL, STATE AND LOCAL BUILDING CODES, ZONING ORDINANCE, HEALTH AND FIRE REGULATIONS AS ADOPTED BY THE LOCAL GOVERNING BUILDING AUTHORITY.
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY BUILDING PERMITS FROM ALL GOVERNING AGENCIES INCLUDING THE CITY / TOWNSHIP AND SUBMIT FOR THEIR USE ANY CERTIFICATES OF INSURANCE, BONDS, ESCROW ACCOUNTS, LICENSES, PAY ALL FEES, OBTAIN ALL APPROVALS, ETC. ALL AS MAY BE REQUIRED TO COMPLETE THIS PROJECT.
- CONTRACTOR SHALL RETAIN THE SERVICES OF AN APPROVED THIRD PARTY AGENCY TO PERFORM ALL SPECIAL INSPECTIONS AND TESTING AS REQUIRED BY THE LOCAL GOVERNING BUILDING CODE, GOVERNING BUILDING AUTHORITY, OR AS CALLED OUT IN THESE CONSTRUCTION DOCUMENTS. NOTIFY OWNER / ARCHITECT IMMEDIATELY, OF ANY FAILED TESTS OR INSPECTIONS AND PROVIDE OWNER WITH ALL WRITTEN REPORTS AND TEST RESULTS AT PROJECT COMPLETION.
- CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS BEFORE PROCEEDING WITH THE WORK. IF ANY DIFFERENCES ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY, IN WRITING FOR CLARIFICATION PRIOR TO PROCESSING WITH WORK.
- THESE DOCUMENTS ARE DEVELOPED TO PROVIDE THE CONTRACTOR WITH A WORKING KNOWLEDGE OF THE SYSTEMS AND MATERIALS TO BE INSTALLED, AND THE SCOPE OF WORK. WHERE THESE DOCUMENTS ARE IN CONFLICT WITH THE JOB CONDITIONS, OR STANDARD DETAILS OR SPECIFICATIONS OF THE MANUFACTURED COMPONENT, OR AFFECT THE GUARANTEE, THEY SHALL BE MODIFIED AS REQUIRED BY THE CONTRACTOR AND APPROVED BY THE ARCHITECT.
- PROVIDE AND MAINTAIN SUITABLE TEMPORARY FENCES, BARRICADES, LIGHTS, WARNINGS, ETC., FOR PROTECTION OF PUBLIC AND OTHERS HAVING ACCESS TO THE SITE. CONTRACTOR SHALL KEEP CLEAN AND ADEQUATELY PROTECT ALL STREETS, DRIVES, WALKS, BLDGS, ETC., FROM DAMAGE DUE TO ANY ITEM INVOLVED WITH THIS WORK. ANY DAMAGED WORK SHALL BE REPLACED / REPAIRED AT CONTRACTORS EXPENSE.
- CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES BY CONTRACTING "MISS DIG", RESPONSIBLE UTILITY COMPANY, REVIEW ALL SURVEYS, AS BUILT DRAWINGS, AND SEEK ANY OTHER INFORMATION FROM THE OWNER, PRIOR TO BEGINNING EXCAVATIONS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF AND COORDINATE ALL ASSOCIATED WORK WITH THE EXISTING UTILITIES AND RELATED SERVICE CONNECTIONS WITH THE RESPECTIVE UTILITY COMPANIES.
- CONTRACTOR SHALL RELY ON WRITTEN DIMENSIONS (DO NOT SCALE DRAWINGS), WHERE NONE ARE PRESENT OR IN CONFLICT WITH WRITTEN, FIELD MEASURE AND/OR NOTIFY ARCHITECT FOR CLARIFICATION.
- SHOULD THE CONTRACT DOCUMENTS DISAGREE (DRAWINGS AND SPECIFICATIONS), THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING. THE BETTER QUALITY OR LARGER QUANTITY OF MATERIALS OR WORK SHALL BE INCLUDED IN THE BID AND UNLESS OTHERWISE ORDERED IN WRITING, SHALL BE FURNISHED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL EXAMINE ALL DRAWINGS, SPECIFICATIONS AND ALL OTHER DATA OR INSTRUCTIONS PERTAINING TO THE WORK, BEFORE COMMENCING PHYSICAL WORK. THE CONTRACTOR SHALL LOCATE ALL GENERAL REFERENCE POINTS AND TAKE SUCH ACTION AS IS NECESSARY TO PREVENT THEIR DESTRUCTION; LAY OUT HIS WORK AND BE RESPONSIBLE FOR ALL LINES, ELEVATIONS AND MEASUREMENTS OF BUILDINGS, GRADING, PAVING, UTILITIES AND OTHER WORK EXECUTED BY HIM UNDER THE CONTRACT. HE MUST EXERCISE PROPER PRECAUTIONS TO VERIFY FIGURES SHOWN ON DRAWINGS BEFORE LAYING OUT WORK.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, HIS SUB-CONTRACTOR AND/OR SUPPLIER TO WORK FROM A FULL SET OF CONTRACT DOCUMENTS FOR BOTH THE WORK TO BE COMPLETED AND IN PREPARATION OF THE SHOP DRAWINGS, SO THAT EACH PART OR COMPONENT WILL WORK WITH THOSE PARTS AS FURNISHED OR FABRICATED BY OTHERS, AND THE ASSEMBLED WHOLE WORKS TOGETHER AS INTENDED.
- MATERIALS - SHALL BE NEW. SECONDS OR DAMAGED MATERIALS WILL BE REJECTED BY THE ARCHITECT, WHO RESERVES THE RIGHT TO DISAPPROVE AND REJECT ANY MATERIALS PROPOSED OR INSTALLED, WHICH IN HIS OPINION FAIL TO MEET QUALITY STANDARDS SPECIFIED.
- THE ARCHITECT SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL, OR DISPOSAL OF, OR EXPOSURE OF PERSONS TO ASBESTOS AND HAZARDOUS MATERIALS IN ANY FORM FOR THE PROJECT.
- AS-BUILTS - THE CONTRACTOR SHALL KEEP AN ACCURATE RECORD OF ALL DEVIATIONS FROM THE CONTRACT DRAWINGS AND SPECIFICATIONS. HE SHALL NEATLY AND CORRECTLY DRAFT (NO FREEHAND) ANY DEVIATIONS ON THE DRAWINGS AFFECTED AND SHALL KEEP DRAWINGS AVAILABLE FOR INSPECTION, GIVE TO THE ARCHITECT AT COMPLETION.
- CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE VARIOUS TRADE ITEMS WITHIN THE SPACE ABOVE ALL CEILINGS (INCLUDING, BUT NOT LIMITED TO: STRUCTURAL MEMBERS, MECHANICAL DUCTS AND INSULATION, CONDUITS, RACEWAYS, SPRINKLER SYSTEM, LIGHT FIXTURES, CEILING SYSTEM, AND ANY SPECIAL STRUCTURAL SUPPORTS REQUIRED) AND SHALL BE RESPONSIBLE FOR MAINTAINING THE FINISH CEILING HEIGHT ABOVE THE FINISHED FLOOR INDICATED IN THE DRAWINGS AND THE FINISH SCHEDULE. (CEILING HEIGHT DIMENSIONS ARE TO THE FINISH SURFACE OF THE CEILING).
- IN AREAS OF NEW WORK, ACCESS PANELS SHALL BE PROVIDED AND INSTALLED WHEREVER REQUIRED BY CODE OR FOR THE PROPER OPERATION OR MAINTENANCE OF MECHANICAL OR ELECTRICAL EQUIPMENT (I.E. TERMINAL BOXES, VALVES, DAMPERS, ETC.), WHETHER OR NOT INDICATED ON THE DRAWINGS. CONTRACTOR SHALL COORDINATE SIZE, LOCATION, AND TYPE OF ACCESS PANEL WITH OTHER CONTRACTORS WORK AND RECEIVE APPROVAL OF THE ARCHITECT. ACCESS PANEL SHALL NOT BE LOCATED, FRAMED OR INSTALLED WITHOUT EXPRESSED APPROVAL OF THE ARCHITECT.
- ALL DUCT PENETRATION THROUGH PARTITIONS AND CEILINGS SHALL BE PROVIDED WITH NECESSARY FRAMED OPENINGS, BRACING, AND FIRE DAMPERS AS REQUIRED BY CODE.
- THE ARCHITECT SHALL BE CONSULTED IN ALL CASES WHERE CUTTING INTO AN EXISTING STRUCTURAL PORTION OF ANY BUILDING PRIOR TO PROCEEDING WITH WORK.
- SIZE OF MECHANICAL AND ELECTRICAL EQUIPMENT PADS AND BASES ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY DIMENSIONS WITH RESPECTIVE EQUIPMENT MANUFACTURER.
- CONTRACTOR SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, TOILET ACCESSORIES AND OF ALL FLOOR-MOUNTED OR SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.



DATE	DESCRIPTION
03.18.2024	BIDDING & STATE REVIEW

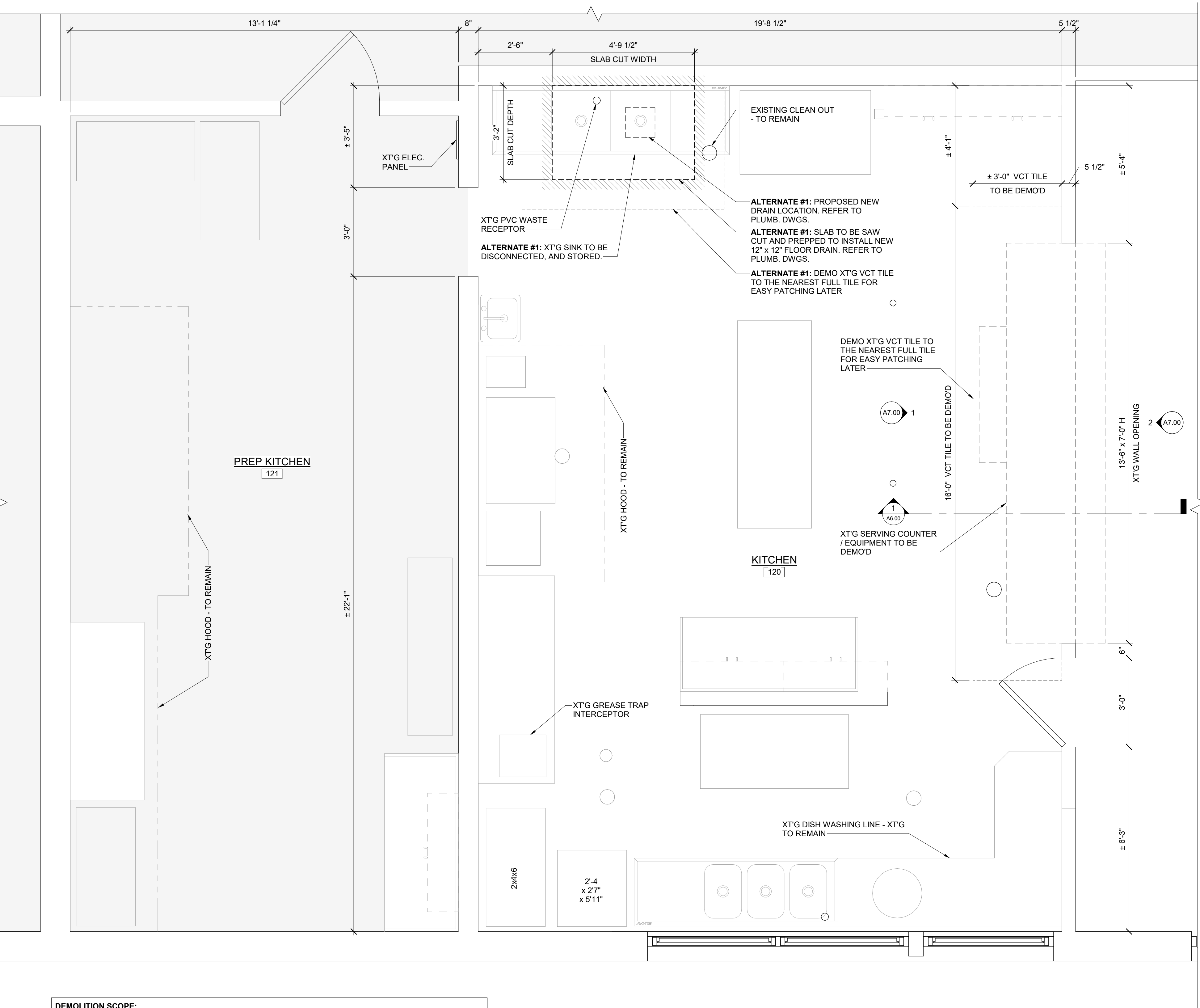
KITCHEN SERVING COUNTER ALTERATIONS & RELATED WORK
CUSTER II ELEMENTARY
 5001 WEST ALBAIN ROAD, MONROE, MI 48161
MONROE PUBLIC SCHOOLS
 1275 NORTH MACOMB STREET, MONROE, MI 48162

AT	FOR
JOB #	24101
ABBREVIATIONS, LEGENDS, SYMBOLS & BUILDING CODE	

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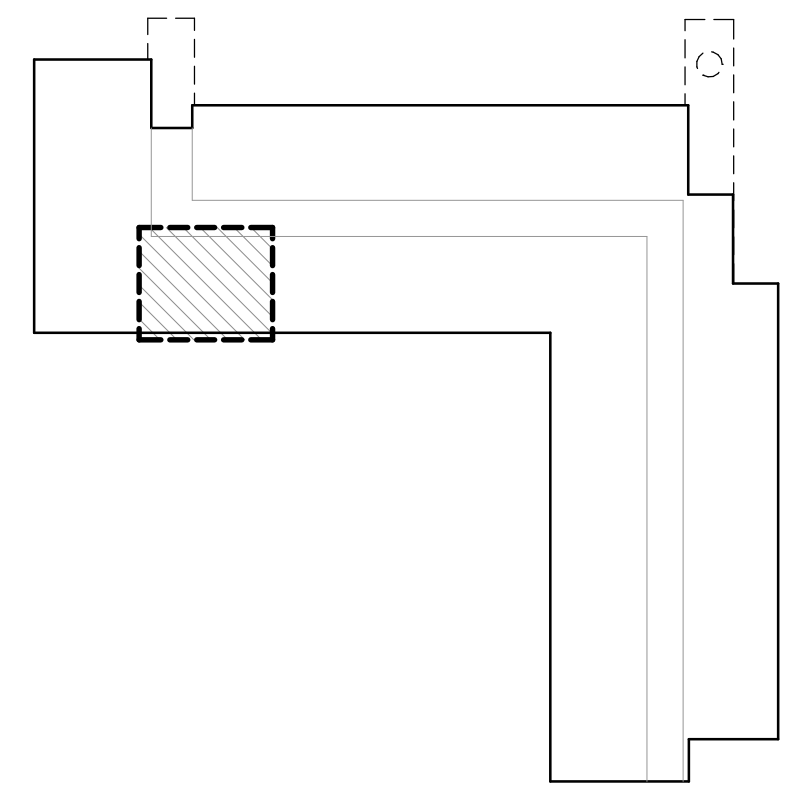
COLOR LEGEND

- AREA OF WORK
- N.I.C.



DEMOLITION SCOPE:

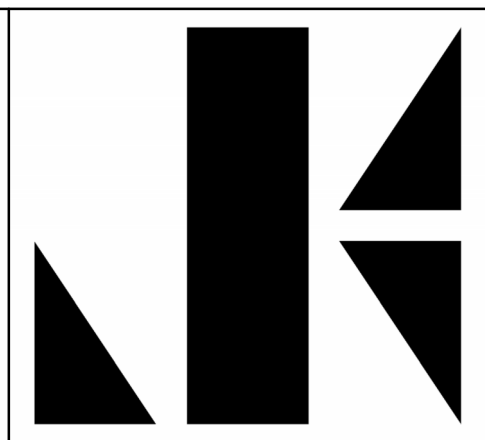
- REMOVE EXISTING EQUIPMENT COUNTER LOCATED WITHIN THE WALL OPENING BETWEEN THE KITCHEN AND MULTI-PURPOSE ROOM.
- DISCONNECT, REMOVE AND STORE XTG TWO BIN SINK, TO BE REINSTALLED ONCE WORK HAS BEEN COMPLETED.
- REMOVE VCT NEAREST FULL TILE JOINT IN AREAS OF WORK:
 1. BELOW REMOVED EQUIPMENT COUNTER
 2. BELOW SINK WHERE PLUMBING WORK WILL BE COMPLETED.
 3. SELECTIVE DEMOLITION OF VINYL BASE IN KITCHEN WHERE NEW WORK IS PROPOSED.
- SAW CUT XTG CONCRETE FLOOR BELOW ARE OF SINK TO COMPLETE NEW PLUMBING WORK, REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.



KEY PLAN
SCALE: 1" = 60'-0"

- GENERAL DEMOLITION NOTES:**
1. COORDINATE ALL DEMOLITION WITH THE OWNER'S HAZARDOUS MATERIAL ABATEMENT DOCUMENTS AND SCOPE.
 2. DEMOLITION CONTRACTOR TO PROTECT ALL AREAS ADJACENT TO CONSTRUCTION AND COMMON POINTS OF TRAVEL TO AND FROM CONSTRUCTION AREAS. PROTECTION IN THESE AREAS TO INCLUDE AIR QUALITY, WALK SURFACES, EQUIPMENT, FURNISHINGS, BUILDING OCCUPANTS, ETC. FROM DUST / DEBRIS, EXCESSIVE NOISE, WEAR, OR DAMAGE OF ANY KIND. PRIOR TO ANY PHYSICAL WORK, THE CONTRACTOR MUST HAVE A WRITTEN PLAN FOR PROTECTION APPROVED BY THE ARCHITECT.

AREA OF HIGH REPLACEMENT VALUE OR MORE LIKELY FOR DAMAGE ARE TO HAVE ADDED PROTECTION (I.E. GYM FLOORS, ROOFING, ETC.)
 3. ANY WORK UNDER THE CONTRACT THAT WILL INTERRUPT THE OWNER'S ACTIVITIES SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE.
 4. ALL DEMOLITION WORK REQUIRED IS NOT LIMITED TO THAT INDICATED ON PLAN. THE INTENT IS TO REMOVE ALL MECHANICAL, ELECTRICAL, AND ARCHITECTURAL ITEMS AS NECESSARY TO FACILITATE NEW CONSTRUCTION.
 5. PRIOR TO COMMENCEMENT OF DEMOLITION WORK, CONTRACTOR IS TO INSPECT ALL AREAS IN WHICH WORK WILL BE PERFORMED. DOCUMENT EXISTING CONDITIONS OF STRUCTURE, SURFACES, EQUIPMENT OR SURROUNDING AREAS WHICH COULD BE MISCONSTRUED AS DAMAGE RESULTING FROM DEMOLITION WORK AND FILE WITH CONSTRUCTION MANAGER OR ARCHITECT.
 6. NOTIFY ARCHITECT IF ANY EXISTING ITEM THAT CONFLICTS WITH THE INTENDED FINAL PRODUCT IS NOT SPECIFICALLY CALLED OUT. DEMOLITION CONTRACTOR TO NOTIFY ARCHITECT OF ANY DISCREPANCIES IN THE DOCUMENTS & FIELD CONDITIONS BEFORE PROCEEDING WITH DEMOLITION AND / OR CONSTRUCTION.
 7. ALL DEMOLITION WORK, UNLESS OTHERWISE NOTED IN THE PROJECT MANUAL, DRAWINGS OR DIRECTED BY OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ALL DEBRIS CAUSED BY DEMOLITION AND CONSTRUCTION SHALL BE CLEARED AND REMOVED FROM THE SITE. DEBRIS STORAGE SHALL NOT INFRINGE ON CLEAR PATH OF EGRESS.
 8. PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT OWNER'S PERSONNEL AND GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION WORK.
 9. PROTECT EXISTING STRUCTURES, FINISHES, UTILITIES AND OTHER ITEMS SCHEDULED TO REMAIN. AREAS THAT ARE DAMAGED BY SELECTIVE DEMOLITION SHALL BE PATCHED AND REPAIRED AND FINISHED OR REPLACED TO MATCH EXISTING ADJACENT SURFACES.
 10. CONTRACTOR TO COORDINATE A WALK THROUGH WITH THE CONSTRUCTION MANAGER AND OWNER PRIOR TO EACH PHASE OF DEMOLITION TO IDENTIFY ALL REMAINING / ITEMS TO BE SALVAGED.
 11. FOR ANY ITEMS TO BE SALVAGED BY CONTRACTOR, PROVIDE A DETAILED INVENTORY LIST OF ALL SALVAGED ITEMS AND THEIR STORED LOCATIONS ON SITE.
 12. SHOULD HIDDEN FIELD CONDITIONS REQUIRE MODIFICATIONS TO THE LAYOUT, THE CONTRACTOR SHALL COORDINATE WITH THE CONSTRUCTION MANAGER OR ARCHITECT.
 13. STRIP EXIST. FLOORS THAT ARE TO RECEIVE FLOOR FINISHES. FOLLOW MANUFACTURERS RECOMMENDATIONS FOR INSTALLATION OF FINISH MATERIALS ON EXIST. SUBSTRATES.
 14. AFTER DEMOLITION IS COMPLETE PATCH AND REPAIR EXIST. SURFACES TO REMAIN, AS REQUIRED FOR NEW FINISHES.



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MAKE MAKE

DATE	DESCRIPTION
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KITCHEN SERVING COUNTER ALTERATIONS & RELATED WORK

AT **CUSTER II ELEMENTARY**
5001 WEST ALBAIN ROAD, MONROE, MI 48161
FOR **MONROE PUBLIC SCHOOLS**
1275 NORTH MACOMB STREET, MONROE, MI 48162

JOB # **24101**

FIRST FLOOR
DEMOLITION PLAN

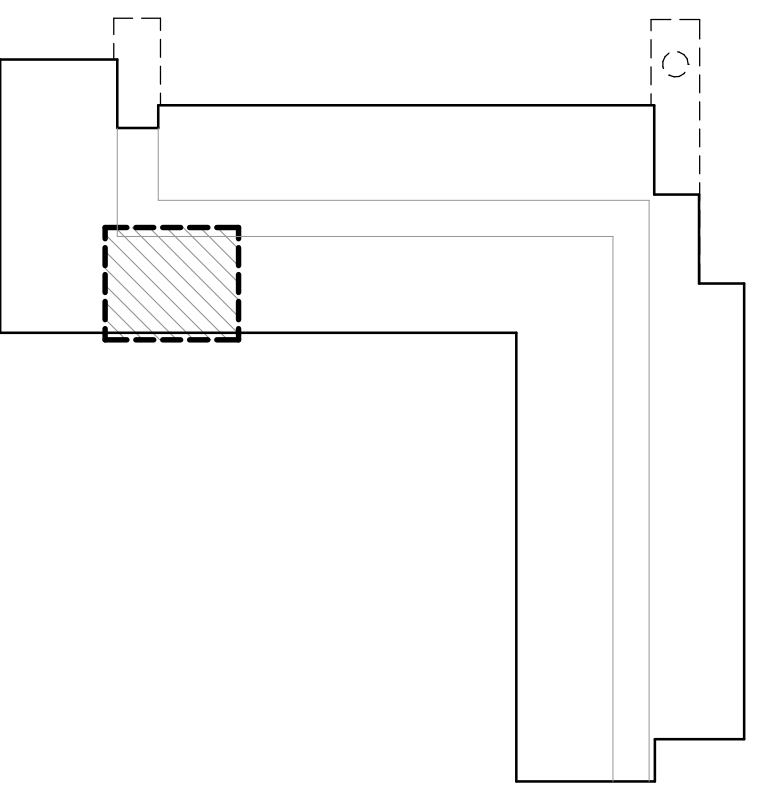
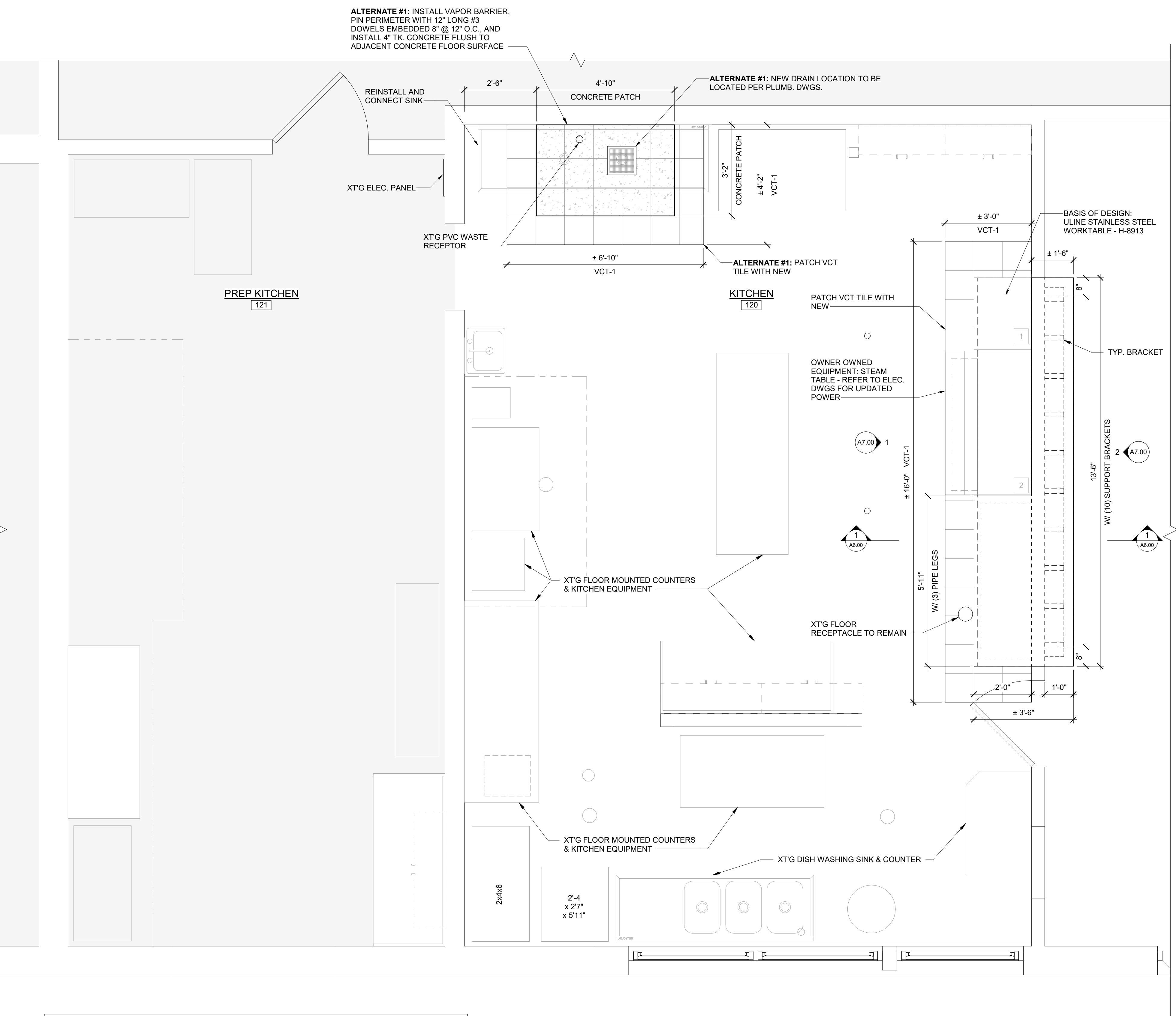
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KITCHEN FLOOR PLAN - DEMO
SCALE: 1/2" = 1'-0"

3/15/2024 12:22:13 AM Autodesk Docs (MPS - Custer II - 24101 - Kitchen Counter Alterations) - CSE: Kohnen Update-2024.rvt

COLOR LEGEND

- AREA OF WORK
- N.I.C.



KEY PLAN
SCALE: 1" = 60'-0"

DOOR SCHEDULE						
#	SIZE	MAT'L	MODEL	FRAME TYPE	FIRE RATING	MANUFACTURER
OH A	13'-6" x 4'-1"	SS	651	BTW JAMB MOUNT	-	OVERHEAD DOOR

EQUIPMENT SCHEDULE			
#	ITEM	DIMENSION	NOTES
1	SS WORKTABLE	24"D x 30"W x 35"H	ULINE - H-8913
2	STEAM TABLE		OWNER OWNED



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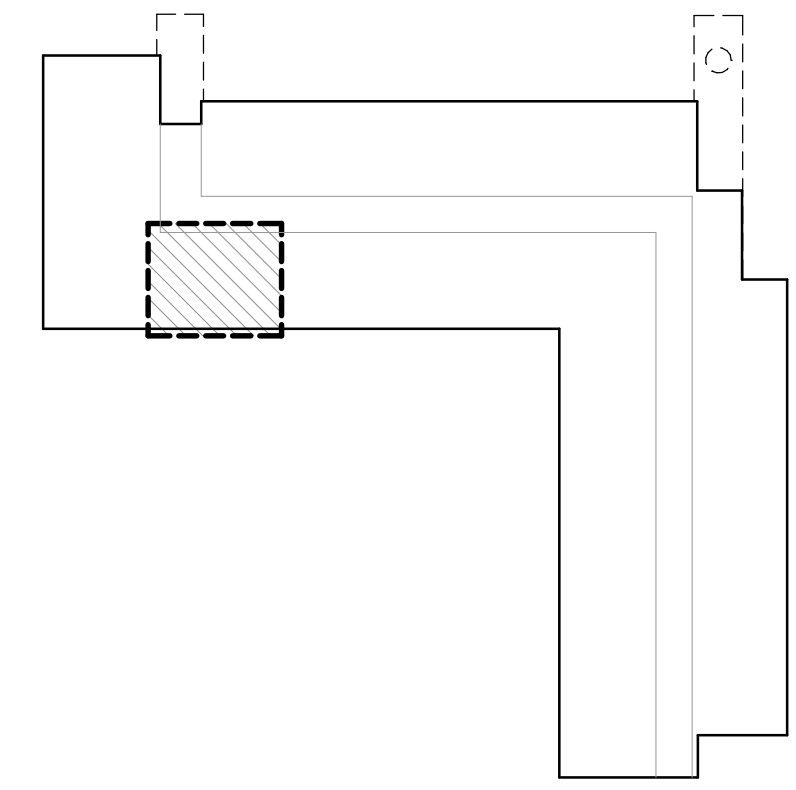
FISRT FLOOR PLAN CONSTRUCTION

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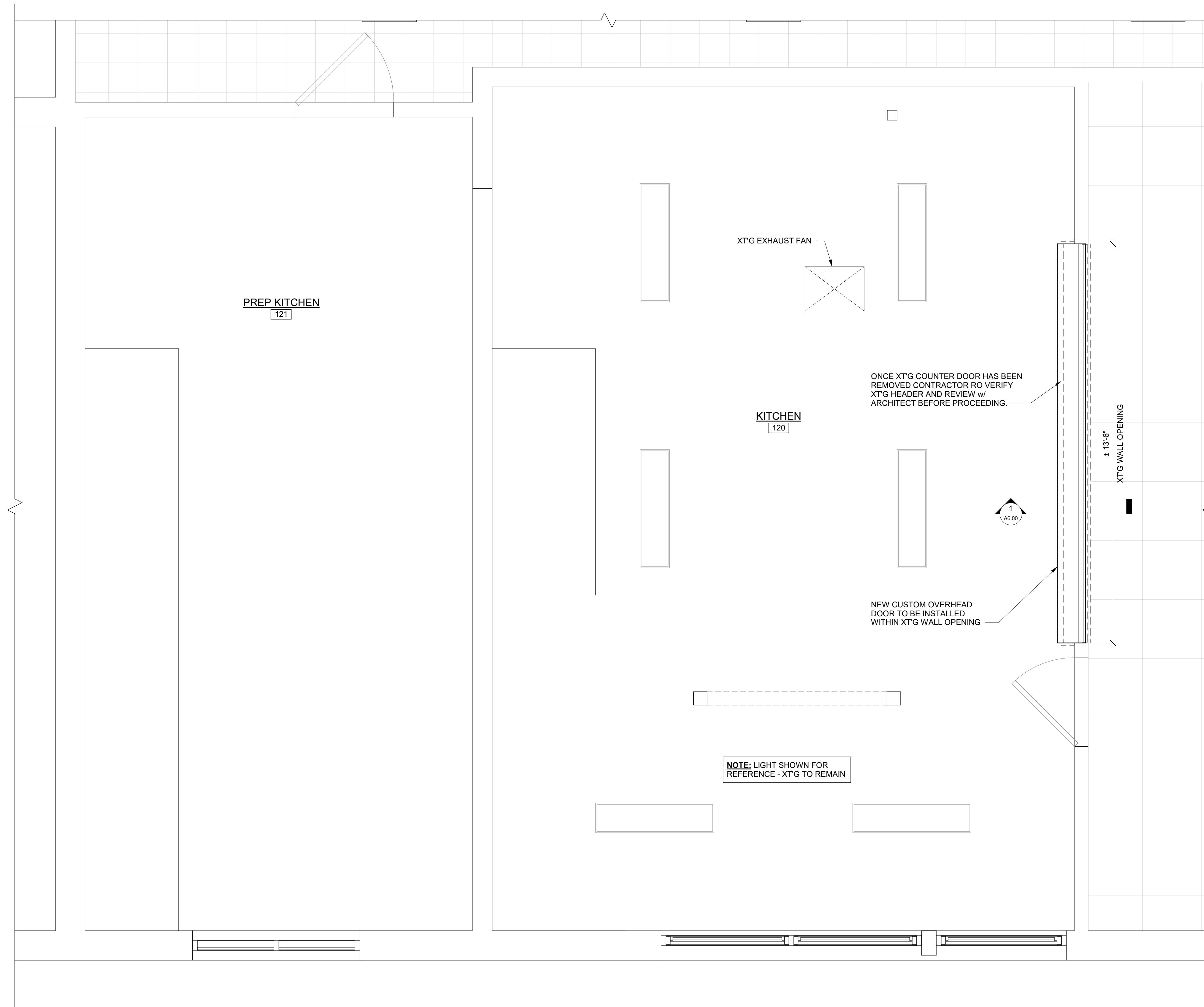
- CONSTRUCTION SCOPE:**
- CONCRETE FLOOR INFILL WITH REINFORCING - ONCE NEW PLUMBING WORK HAS BEEN COMPLETED.
 - NEW UNDER THE COUNTER KNEE WALL TO BE INSTALLED WITHIN XTG OPENING TO SEPARATE THE KITCHEN FROM THE MULTI-PURPOSE ROOM. WALL TO INCLUDE BLOCKING FOR SUPPORT OF NEW SERVING COUNTER.
 - INSTALL NEW SERVING COUNTER WITH L-BRACKET SUPPORTS.
 - INSTALL NEW STAINLESS STEEL OVERHEAD DOOR AT SERVING COUNTER.
 - PATCH IN NEW VCT WHERE PREVIOUSLY REMOVED.
 - INSTALL NEW FLOOR BASE WHERE REQUIRED
 - PATCH / PAINT WALL BOTH SIDES BETWEEN KITCHEN AND MULTI-PURPOSE ROOM.

KITCHEN FLOOR PLAN - NEW
SCALE: 1/2" = 1'-0"

3/15/2024 12:22:13 AM Autodesk Docs\MPIS_Custler II - 24101 - Kitchen Counter Alterations-2024.rvt



KEY PLAN
SCALE: 1" = 60'-0"



KITCHEN REFLECTED CEILING PLAN
SCALE: 1/2" = 1'-0"



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JOB # 24101

REFLECTED CEILING PLAN

A3.00

MATERIAL STRENGTHS AND STRUCTURAL NOTES

MISCELLANEOUS

- DISCREPANCIES BETWEEN ARCHITECTURAL AND STRUCTURAL PLANS SHALL BE BROUGHT TO ATTENTION OF ARCHITECT.
- ARCHITECTURAL PLANS SHALL GOVERN UNLESS STRENGTH OF STRUCTURE IS ADVERSELY AFFECTED.
- CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, INTERFERENCES AND CONDITIONS PRIOR TO STARTING FABRICATION OR CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE OWNER.
- DO NOT BACK FILL AGAINST BASEMENT WALLS UNTIL FLOOR SLABS/DECKS HAVE BEEN CONSTRUCTED. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND TO ENSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENTS DURING CONSTRUCTION. THIS INCLUDES PROVIDING TEMPORARY SHORING, BRACING, OR TIE DOWNS. THESE TEMPORARY SUPPORTS WILL REMAIN IN PLACE UNTIL ALL STRUCTURAL COMPONENTS HAVE BEEN COMPLETELY ERECTED.
- SOIL BEARING CAPACITIES USED FOR STRUCTURAL DESIGN:
STRIP FOOTINGS: 2,000 PSF
COLUMN FOOTINGS: 2,000 PSF
A SOIL ENGINEER SHALL VERIFY BEARING CAPACITY OF SOIL AT BOTTOM OF EXCAVATIONS BEFORE CONSTRUCTING FOOTINGS. IF THIS BEARING CAPACITY IS NOT FOUND, FOOTINGS SHALL BE LARGER OR LOWERED AT THE DIRECTION OF THE ARCHITECT.
- STRUCTURAL DESIGN LOAD DATA
FLOOR LOAD
COMMERCIAL: CONCRETE - 100 PSF, L.L. + 40 PSF, D.L.
WOOD - 100 PSF, L.L. + 25 PSF, D.L.
RESIDENTIAL: 40 PSF, L.L. + 20 PSF, D.L.
DEFLECTION = L/480
ROOF LOAD
ROOF/SNOW LOAD:
GROUND SNOW LOAD: PG = 25 PSF, L.L.
FLAT ROOF SNOW LOAD: PF = 30 PSF, L.L.
ROOF DEAD LOAD: 15 PSF
SNOW EXPOSURE FACTOR: CE = 0.7
SNOW LOAD IMPORTANCE FACTOR: I = 1.0
WIND LOAD
BASIC WIND SPEED: 115 MPH
WIND LOAD IMPORTANCE FACTOR: I = 1.0
WIND EXPOSURE: B
SEISMIC IMPORTANCE: I = 1.0
ROOFING SHALL BE MINIMUM 15# FELT WITH MINIMUM 25#/SQ. CLASS 'A' SHINGLES AND GALVANIZED NAILS. ALL EAVES TO HAVE ICE-GUARD BARRIER FROM EAVE TO MINIMUM 2 FEET INSIDE WARM INTERIOR SIDE OF WALL MEASURED HORIZONTALLY.
- SUBMIT (4) SETS (OR 1 SET ELECTRONIC) OF THE FOLLOWING SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION: CONCRETE REINFORCEMENT, MASONRY LINTELS, STRUCTURAL STEEL, METAL DECK, WATER STOPS, STRUCTURAL ENGINEERED WOOD COMPONENTS, ANCHORS. CONTRACTOR SHALL CHECK SHOP DRAWINGS PRIOR TO SUBMITTAL AND IS SOLELY RESPONSIBLE IN PREPARATION OF SHOP DRAWINGS TO CONFORM TO DESIGN DRAWINGS.

CONCRETE

- CONFORM TO LATEST EDITION OF FOLLOWING STANDARDS:
STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 301.
COLD WEATHER CONCRETING, ACI 308R.
HOT WEATHER CONCRETING, ACI 305R.
DETAILS AND DETAILINGS OF CONCRETE REINFORCEMENT, ACI 315.
GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION, ACI 302.1R.
PLACING REINFORCING BARS, CRSI.
- CONCRETE COMPRESSIVE STRENGTH, UNLESS INDICATED:
GENERAL USE: 3,000 PSI
SLAB-ON-GRADE: 3,500 PSI
COLUMNS: 4,000 PSI
CONCRETE EXPOSED TO WEATHER SHALL HAVE 4% - 6% AIR ENTRAINMENT.
- REINFORCEMENT:
BARS: ASTM A615, GRADE 60.
WELDED WIRE FABRIC (WWF): ASTM A185.
- LAP REINFORCING BARS AS SHOWN, BUT NOT LESS THAN 36 BAR DIAMETERS. PROVIDE CORNER BARS EQUIVALENT IN SIZE AND NUMBER TO HORIZONTAL BARS AT CORNERS OF WALLS AND WALL FOOTINGS AND LAP WITH HORIZONTAL REINFORCEMENT. LAP WELDED WIRE FABRIC MINIMUM OF ONE WIRE SPACING PLUS 2".
- PROVIDE DOWELS IN COLUMN AND WALL FOOTINGS EQUIVALENT IN SIZE AND NUMBER TO VERTICAL BARS IN WALLS. EXTEND DOWELS 24 BAR DIAMETERS INTO FOOTING AND 24 BAR DIAMETERS INTO WALL OR COLUMN.
- PROVIDE REINFORCEMENT IN TOP OF INTERIOR WALL FOOTINGS CENTERED UNDER DOOR AND OTHER OPENINGS EQUIVALENT IN SIZE AND NUMBER TO BOTTOM REINFORCEMENT AND 4 FEET LONGER THAN OPENING.
- MINIMUM REINFORCEMENT UNLESS NOTED OTHERWISE:
WALLS 8" OR LESS IN THICKNESS: #5 @ 12" EACH WAY CENTERED IN WALL.
WALLS THICKER THAN 8": #5 @ 12" EACH WAY IN EACH FACE.
SLABS ON GRADE OR SLABS ON JOIST: 6"x6" - W2.1 X W2.1 W.W.F. UNLESS OTHERWISE NOTED.
- CLEAR CONCRETE COVER ON REINFORCEMENT UNLESS NOTED:
CONCRETE DEPOSITED AGAINST GROUND: 3"
FORMED SURFACES EXPOSED TO WEATHER OR EARTH: 1-1/2" FOR #5 & SMALLER
2" FOR #6 BARS & LARGER
- ALL OTHER SURFACES:
SLABS, WALLS AND JOISTS: 3/4"
BEAMS, GIRDERS & COLUMNS: 1-1/2"
- CHAMFER EXPOSED EDGES 3/4" X 45 DEGREES.
- FOOTINGS SHALL BE ON UNDISTURBED VIRGIN SOIL. FILL EXCESS CUTS WITH CONCRETE. MINIMUM FOOTING DEPTH TO BE 42" BELOW GRADE UNLESS NOTED OTHERWISE.
- EXTERIOR SIDE OF CONCRETE BELOW GRADE SHALL BE COATED WITH ASPHALTIC DAMP PROOFING.
- PROVIDE ENTRY SLAB PER DRAWINGS 0.0358 IN. THICK, F.Y. = 35 KSI, G90 GALVANIZED.
- PROVIDE "WATERSTOP R" OR APPROVED EQUAL WATERSTOPS AT ALL BELOW GRADE JOINT LOCATIONS.

WOOD

- ALL WOOD MATERIALS INCLUDING FRAMING SHALL BE SIZED, BRACED, ANCHORED, ASSEMBLED, ETC. IN ACCORDANCE WITH THE REQUIREMENTS OF THE MICHIGAN BUILDING CODE. RAFTERS SHALL BE 1000 PSI BENDING, KILN DRIED #2 GRADE OR BETTER. STUDS SHALL BE STUD GRADE. ALL PLATES ON CONCRETE OR WITHIN 8" OF EXTERIOR GRADE SHALL BE TREATED. ALL WOOD EXPOSED TO EXTERIOR ELEMENTS SHALL BE TREATED UNLESS NOTED OTHERWISE.
- TRUSSES SHALL BE PRE-ENGINEERED WITH LOAD AND BRACING DIAGRAMS SUBMITTED TO THE GOVERNING BUILDING AUTHORITY FOR PERMITS, SEALED BY A LICENSED PROFESSIONAL REGISTERED IN THE STATE OF MICHIGAN. DESIGN LOADS SHALL BE AS STATED ELSEWHERE WITH 10 PSF ON BOTTOM CHORD UNLESS NOTED OTHERWISE. DEFLECTION SHALL BE MAXIMUM OF 1/360 OF CLEAR SPAN.
- ROOF SHEATHING SHALL BE 5/8" THICK SQUARE EDGE CDX PLYWOOD OR 5/8" OSB BOARD (ORIENTED STRAND BOARD). EXTERIOR WALL SHEATHING TO BE EITHER 1/2" CDX PLYWOOD OR 1/2" OSB BOARD (ORIENTED STRAND BOARD) WITH SQUARE EDGE. ATTIC WALKWAYS TO BE 3/4" CDX GRADE-6 PLY. PROVIDE AND INSTALL GALVANIZED PLYWOOD CLIPS ON ALL ROOF SHEATHING EVEN IF NOT REQUIRED BY CODE WHEN FRAMING MEMBERS ARE 24" O.C.
- ANCHORS FOR FRAMING SHALL BE PER MICHIGAN BUILDING CODE REQUIREMENTS FOR PARTICULAR APPLICATION, AS WELL AS RECOMMENDED BY THE LUMBER MANUFACTURER AND AMERICAN WOOD PRESERVATION ASSOCIATION. SCREWS FOR INTERIOR WOOD SUB-FLOORING SHALL BE TEMPERED PHILLIPS HEAD, SELF-TAPPING DECK SCREWS - BLUED FINISH. ALL METAL SUPPORTS/FASTENERS AND ANCHORS, INCLUDING TRUSSES AND FASTENERS THAT COME IN CONTACT WITH THE TREATED WOOD SHALL BE CORROSION RESISTANT SUCH AS STAINLESS STEEL, EPOXY COATED STEEL AND AS APPROVED BY THE TREATED WOOD MANUFACTURER. MANUFACTURERS FOR HANGERS, BRACKETS, CLIPS, ETC. SHALL BE SIMPSON; KANT-SAG OR APPROVED EQUAL. THE FOLLOWING MODEL NUMBERS REFER TO SIMPSON:
TRUSSES/RAFTERS TO WALL = AS DIRECTED BY TRUSS MFR. - OR - H2.5T, 18 GA.
COLUMN TO FOOTING = EMBED IN CONCRETE #EPB66 - 12" - HDG. SET 1/2" ABOVE CONCRETE.
JOISTS TO BEAM PLATE = TWISTED STRAP ANCHOR #12.5A - 18 GA.
JOIST TOP FLANGE HANGER = AS DIRECTED BY JOIST MFR. - OR - #ITS X SIZE OF JOIST, 18 GA.
POST CAP = #BC6
CORNER POST CAP = LCE4
- EXTERIOR ANCHORS - BOLTS AND SCREWS FOR ANCHORING TREATED FRAMING TO POSTS SHALL BE STAINLESS OR EPOXY COATED STEEL 1/2" DIAMETER MINIMUM THRU BOLTS AND NUTS WITH WASHERS BOTH SIDES - H. PRE-DRILL MEMBERS AS REQUIRED, TO ELIMINATE SPLITTING OF WOOD.
- ENGINEERED WOOD STRUCTURAL COMPONENTS SHALL BE AS ENGINEERED AND MANUFACTURED BY THE SAME COMPANY THROUGHOUT PROJECT AND MEET OR EXCEED ALL APPLICABLE CODE REQUIREMENTS AND DESIGN LOADS/CONDITIONS AS HEREIN SPECIFIED. FLOOR AND CEILING JOISTS TO BE AS MANUFACTURED BY TRUS-JOIST MACMILLAN, REBUILT, NORDIC JOISTS, OR APPROVED EQUAL AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS. FINAL MEMBER DESIGN AS PROVIDED BY MFR. STRUCTURAL DESIGNER FOR REVIEW. TYPICAL OF ALL L.V.L. MEMBERS; E = 2.0 MINIMUM OF TWO BOLTS PER BOARD WIDTH PER POST. DECKING, RAILINGS, PICKETS AND ALL OTHER MEMBERS SHALL BE ANCHORED WITH APPROVED STAINLESS OR EPOXY COATED STEEL DECK SCREWS - MINIMUM OF (2) SCREWS PER BOARD WIDTH PER JOISTS. SCREWS SHALL PENETRATE INTO SUBSTRATE MINIMUM OF 1" TO 1-1/4" DEPT.

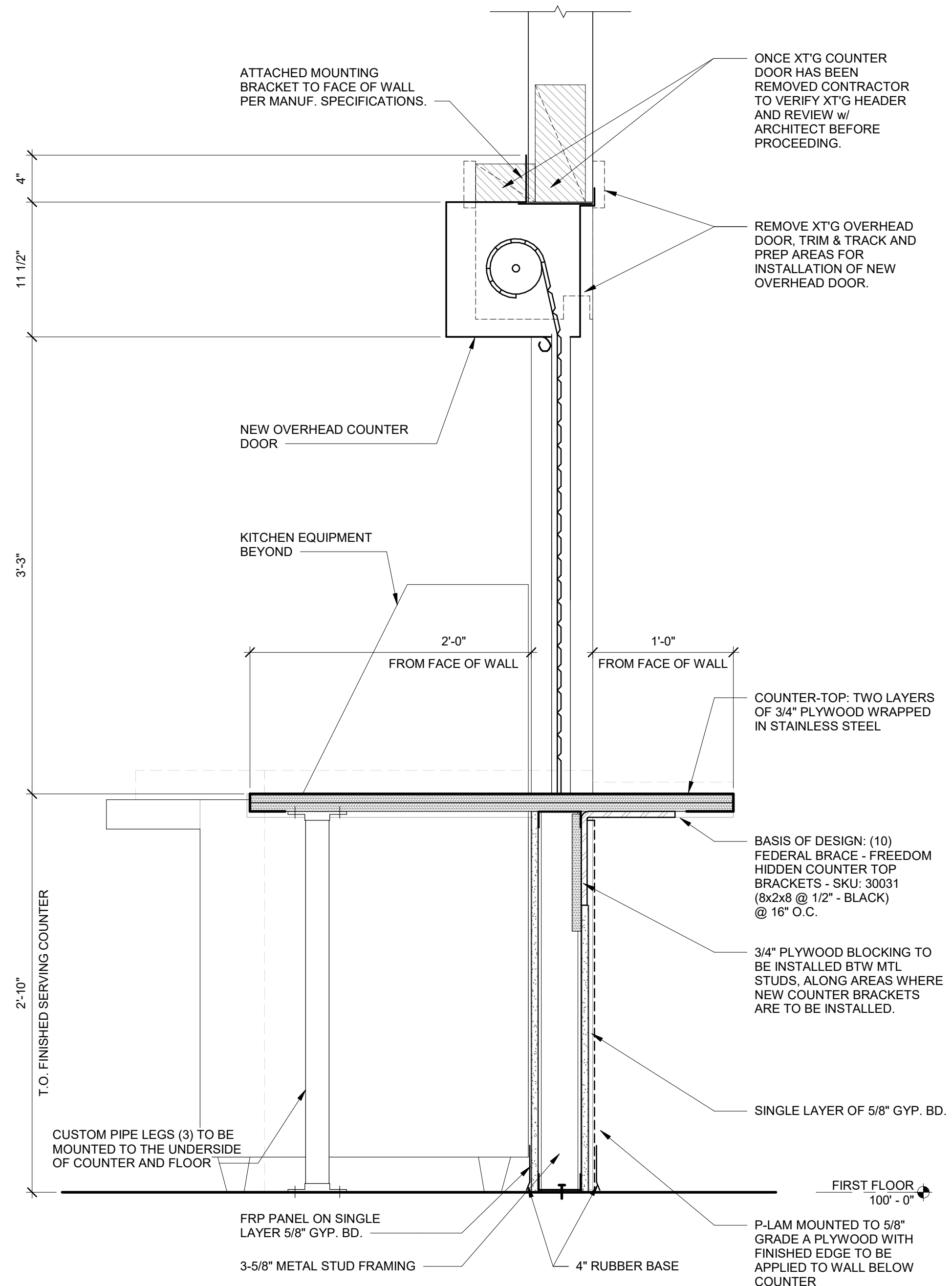
STRUCTURAL STEEL

- CONFORM TO LATEST EDITION OF FOLLOWING STANDARDS:
SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS - ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN, AISC.
SPECIFICATION FOR ALLOWABLE STRESS DESIGN OF SINGLE-ANGLE MEMBERS, AISC.
SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS, RCSC.
CODE OF STANDARD PRACTICE, AISC.
- STRUCTURAL STEEL MATERIALS:
WIDE FLANGE SHAPES: ASTM A992
ANGLES, CHANNELS, PLATES AND BARS: ASTM A36
STRUCTURAL TUBING: ASTM A500, GRADE B
STRUCTURAL PIPE: ASTM A53, GRADE B, TYPE E OR S.
HIGH STRENGTH BOLTS: ASTM A325
ANCHOR BOLTS: ASTM A307 OR A36
- STEEL FABRICATOR TO DESIGN BEAM CONNECTIONS FOR REACTIONS INDICATED, OR WHERE REACTIONS ARE NOT INDICATED, FOR ONE-HALF OF TOTAL UNIFORM LOAD CAPACITY OF A SIMPLE BEAM FOR GIVEN SPAN AS SPECIFIED IN LATEST EDITION OF AISC MANUAL OF STEEL CONSTRUCTION. DESIGN CONNECTIONS OF BRACING MEMBERS FOR MEMBER FORCES INDICATED, OR WHERE MEMBER FORCES ARE NOT INDICATED, FOR THE FULL TENSILE AND COMPRESSIVE CAPACITIES OF THE BRACING MEMBER.
- FRAME BEAMS INTO SIDE OF COLUMNS, UNLESS NOTED OTHERWISE.
- MAKE BOLTED FIELD CONNECTIONS WITH HIGH STRENGTH BOLTS, UNLESS NOTED OTHERWISE. MAKE SHOP CONNECTIONS BY WELDING OR HIGH STRENGTH BOLTING, UNLESS INDICATED. CLEAN STRUCTURAL STEEL IN ACCORDANCE WITH SSPC SP-1 AND SHOP PRIME. PRIMER SHALL BE COMPATIBLE WITH SPECIFIED FINISHES.
- DO NOT PRIME TOP FLANGE SURFACE OF COLUMN BEAMS OR SURFACES, WHICH RECEIVE SPRAY ON FIREPROOFING.
- GALVANIZING SHALL CONFORM TO ASTM A123. GALVANIZING OF BOLTS, NUTS, AND OTHER HARDWARE SHALL CONFORM TO ASTM A153.

LINTEL SCHEDULE			
MASONRY OPENING	STRUCTURAL STEEL MEMBER	BLOCK CORE REINFORCING	BEARING EACH END
UP TO 4'-0"	1-L 3-1/2"x3-1/2"x5/16"	1-#5	4"
4'-0" TO 6'-0"	1-L 5X3-1/2"x5/16" LLV	1-#5	6"
6'-0" TO 8'-6"	1-L 6X3-1/2" X 3/8" LLV	1-#6	8"

- A) UNLESS OTHERWISE NOTED PROVIDE LINTELS OVER ALL OPENINGS IN MASONRY WALLS ACCORDING TO THIS SCHEDULE.
B) LINTELS/REINFORCING ARE SCHEDULED FOR EACH 4" OF WALL THICKNESS.

- NOTES:
• OVERHEAD DOOR WEIGHT = 681 LBS
• EXISTING WALL IS NON-BEARING, ASSUMED TO BE METAL FRAMING WITH SINGLE LAYER OF GYP. BD. EACH SIDE



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WALL SECTION

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1 WALL SECTION
A1.00 SCALE: 1 1/2" = 1'-0"

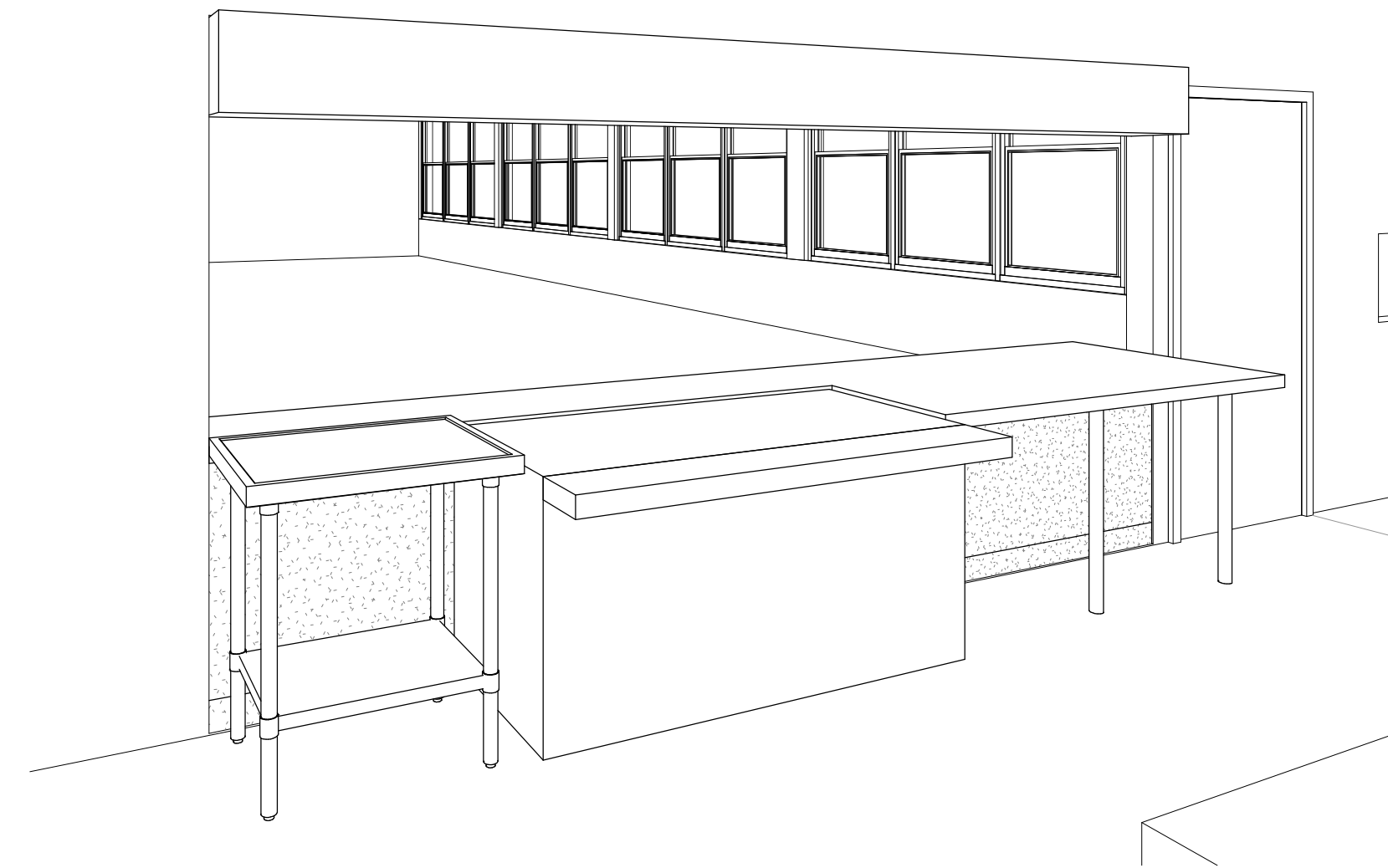


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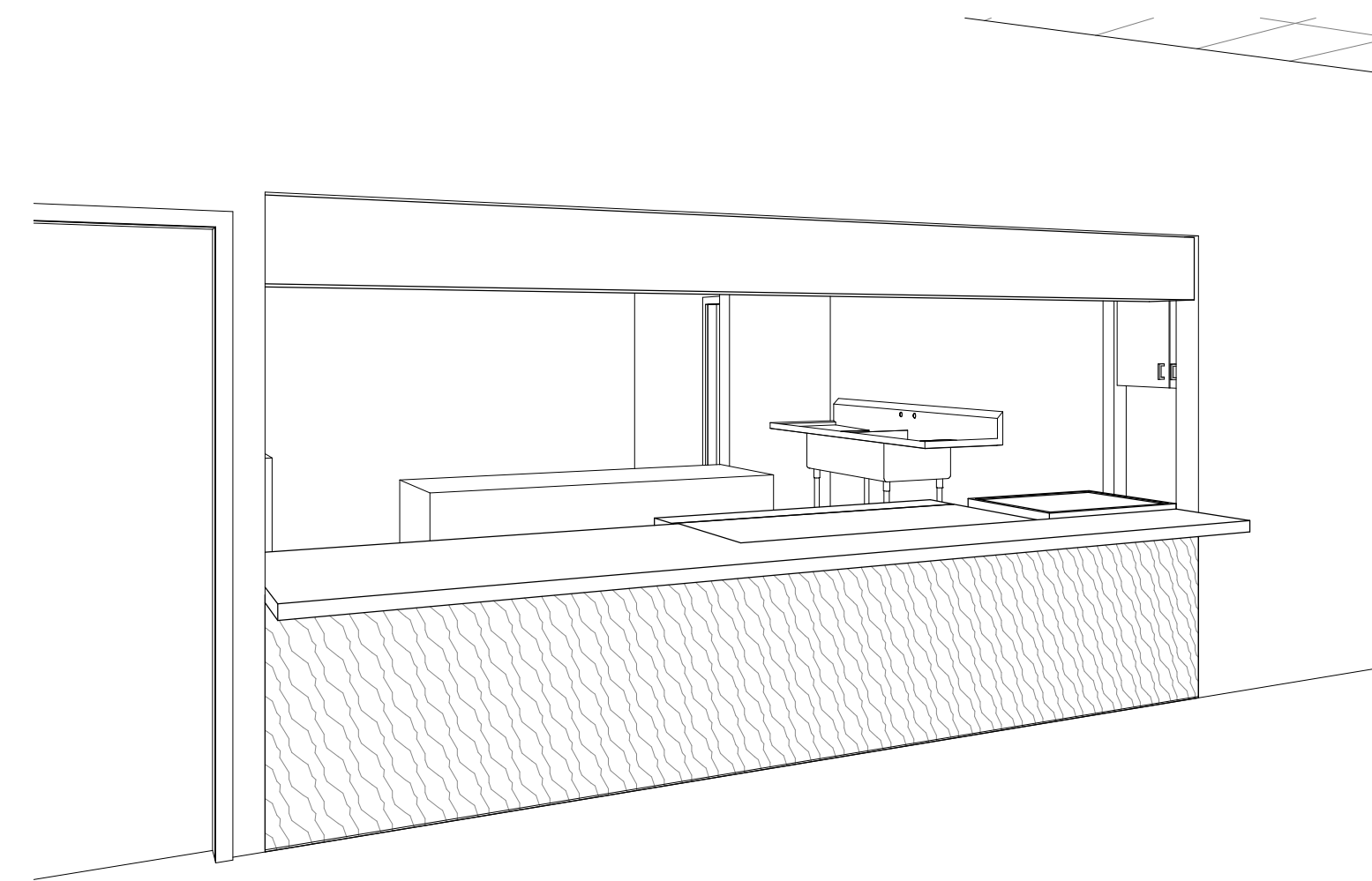


MATERIAL FINISH SCHEDULE							
MATERIAL	TAG	MANUFACTURER	STYLE	COLOR	MODEL NO.	SIZE	COMMENTS
VINYL COMPOSITE TILE	VCT	ARMSTRONG FLOORING	STANDARD EXCELON IMPERIAL TEXTURE	TAUPE	51901	12" x 12"	VERIFY COLOR WITH ARCH. PRIOR TO ORDERING
RUBBER BASE	RB-1	ARMSTRONG FLOORING	COVED ROLL	EBONY	#R41EB	4"	WALL BASE
PAINT	PT	SHERWIN WILLIAMS	EGG SHELL	TBD	-	-	WALL PAINT TO MATCH XT'G COLORS IN FIELD
PLASTIC LAMINATE	PLAM	WILSONART LAMINATES	WOOD GRAIN	IVORY BIRCH	8219	13'-6" x 3'-0"	WALL PANEL - VERIFY COLOR WITH ARCH. PRIOR TO ORDERING
FIBERGLASS REINFORCED PLASTIC	FRP	-	-	WHITE	-	-	INSTALL BELOW COUNTER ON KITCHEN SIDE OF NEW KNEE WALL

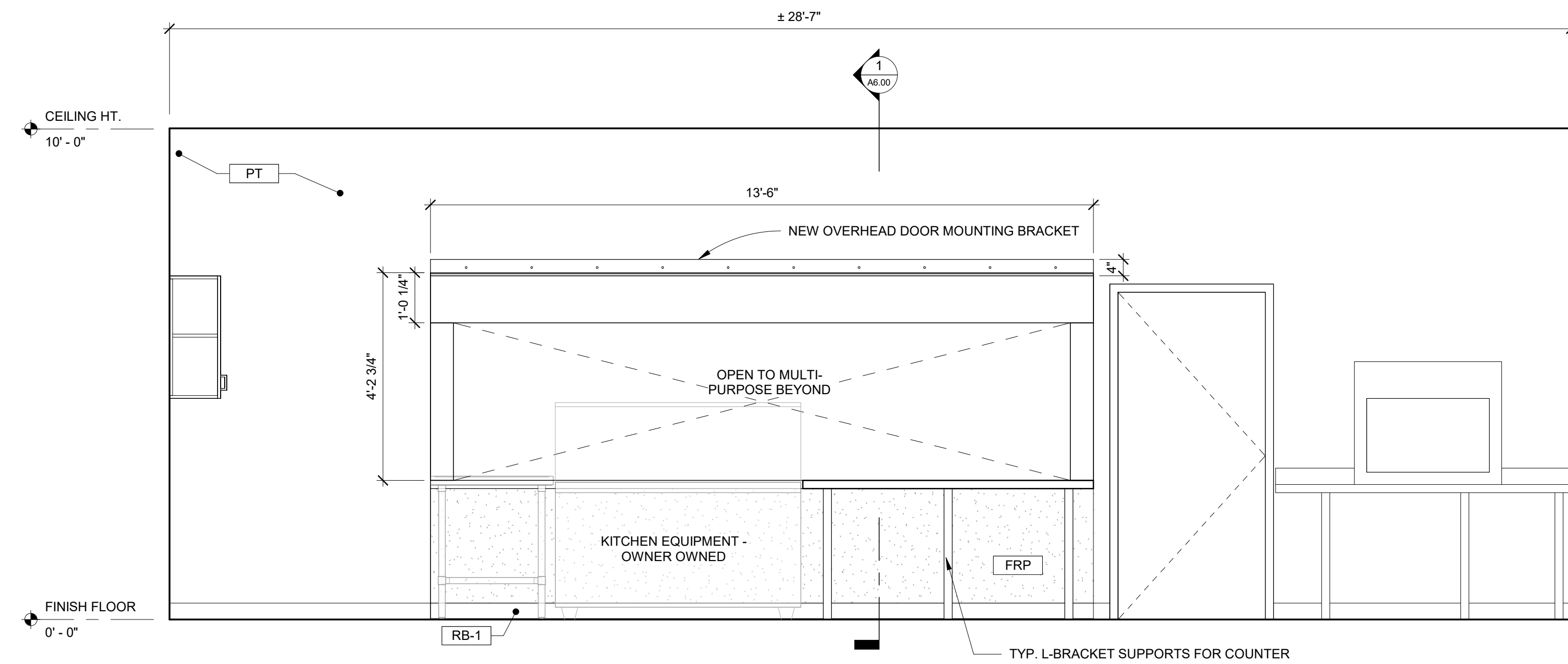
NOTE: THIS SCHEDULE PROVIDES ALL NEW MATERIALS / FINISHES FOR BASES OF DESIGN. REFER TO SPECIFICATIONS TO ADDITIONAL INFORMATION.



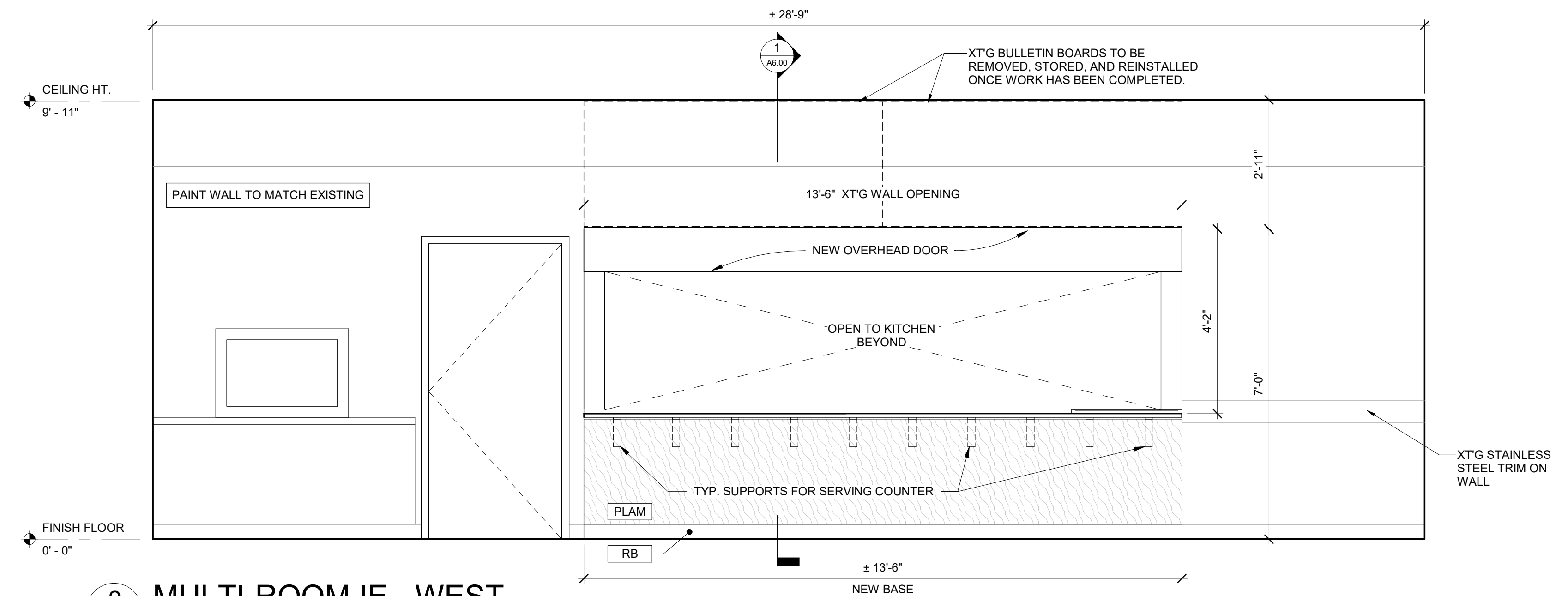
KITCHEN PERSPECTIVE
SCALE:



MULTI-PURPOSE PERSPECTIVE
SCALE:



1 KITCHEN IE - EAST
SCALE: 1/2" = 1'-0"



2 MULTI-ROOM IE - WEST
SCALE: 1/2" = 1'-0"

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INTERIOR ELEVATIONS

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