General Project Notes

DETERMINE THE IMPACT TO THE PROPERTY AND IT'S OPERATIONS.

- THE 2015 EDITION OF THE MICHIGAN BUILDING CODE SHALL BE CONSIDERED AS PART OF THESE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE OF CONSTRCUTION WITH APPLICABLE CODES AND REGULATIONS AND ALL AUTHORITIES HAVING JURISDICTION
- IN ADDITION TO THIS DRAWING SET, THE CONSTRUCTION DOCUMENTS MAY INCLUDE A SEPARATE PROJECT MANUAL (SPECIFICATIONS) A SEPERATE FF&E SPECIFICATIONS MANUAL (BINDER) AND A SEPARATE MATERIAL'S REFERENCE MANUAL (BINDER) THAT SHALL BE UTILIZED FOR "BID AND CONSTRUCTION" ON THIS PROJECT. REFERENCES TO "THESE DRAWINGS", "THE CONSTRUCTION DOCUMENT SET". SHALL REFER TO
- BUT NOT BE LIMITED TO ANY OF THE PREVIOUSLY MENTIONED DOCUMENTS. REFER TO THE SEPARATE "FF&E SPECIFICATION MANUAL AND MATERIALS REFERENCE MANUAL (BINDERS)" FOR DETAILED MANUFACTURER, MODEL, STYLE, FINISH, INSTALLATION, AND FABRICATION INFORMATION AS
- WELL AS THE RESPONSIBILITY SCHEDULE FOR ALL FF&E & MATERIALS FOR THIS PROJECT. REFERENCES ON THIS PROJECT TO "OWNER", "OWNER'S REPRESENTATIVE", OR ANY COMBINATION THEREOF, WITHIN THESE CONSTRUCTION DRAWINGS SHALL REFER TO THE OWNER'S CONSTRUCTION PROJECT
- THE GENERAL CONTRACTOR SHALL COORDINATE DEMOLITION AND CONSTRUCTION WORK WITH THE OWNER'S REPRESENTATIVE FOR WORK TIMES AND MEANS + METHODS TO MINIMIZE IMPACT TO PROPERTY AND IT'S OPERATIONS. THIS COORDINATION IS VERY CRITICAL TO THE SATISFACTORY COMPLETION OF THIS PROJECT. THEREFORE THE CONTRACTOR MUST ENSURE THAT THEY HAVE A THOROUGH UNDERSTANDING OF THE APPROPRIATE WINDOW FOR WORK HOURS, AND THEIR EXPECTED RESPONSIBILITIES. CONTRACTOR SHALL GENERATE A CONSTRUCTION / DEMOLITION PHASING PLAN FOR REVIEW BY THE OWNER TO
- THE TERMS "CONTRACTOR" AND "SUB-CONTRACTOR" ARE USED INTERCHANGEABLE WITHIN THESE DRAWINGS AND ARE NOT INTENDED TO INDICATE A SPECIFIC CONTRACTUAL ARRANGEMENT BUT REFER TO A TRADE IN GENERAL OR SPECIFIC TERMS THAT WOULD BE RESPONSIBLE FOR A PARTICULAR PORTION OF THE PROJECT. THE TERMS "CONTRACTOR", "GENERAL CONTRACTOR" & "G.C." ARE ALSO USED INTERCHANGEABLY WITHIN THESE DOCUMENTS.
- THESE DRAWINGS ARE PREPARED FOR THE PURPOSES OF CONSTRUCTION ONLY. THESE DRAWINGS ARE NOT TO BE USED FOR MAINTENANCE PURPOSES UNLESS IDENTIFIED AS "RECORD DRAWINGS", AS ACTUAL CONDITIONS MAY VARY FROM THOSE INDICATED ON THESE DRAWINGS DUE TO CHANGE ORDERS, ALTERATIONS BY OTHERS, FIELD CONDITIONS, ETC.
- . DO NOT SCALE THE DRAWINGS. WRITTEN DIMENSIONS OR SPECIFIC LAYOUT DIRECTION ARE THE ONLY ACCEPTABLE MEANS OF LOCATION.
- ALL DIMENSIONS ARE TO FINISH FACE OF GYPSUM BOARD AND/OR INDICATED MATERIAL, CENTERLINE OF COLUMNS, FACE OF CONCRETE, EDGE OF SLAB OR EDGE OF OPENING (U.N.O.)
- 10. THE GENERAL CONTRACTOR AND EACH SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THEIR WORK WITH ADJACENT TRADES AND WITH THE WORK BEING COMPLETED PRIOR O, AND AFTER THEIR WORK. COORDINATION SHALL ALSO INCLUDE THE OWNER'S REPRESENTATIVE. . The General Contractor is responsible to execute the design intent for all work indicated

OR INFERRED, WITHIN THESE CONSTRUCTION DOCUMENTS UNLESS SPECIFICALLY NOTED "BY OTHERS"

RESPONSIBLE FOR COORDINATING, AND SCHEDULING ALL CONSTRUCTION RELATED WORK, IDENTIFIED OR

AND/OR "N.I.C." IN ADDITION, THE GENERAL CONTRACTOR AND EACH SUB-CONTRACTOR SHALL BE

- OTHERWISE, WITHIN THESE DOCUMENTS. <u>COORDINATION SHALL INCLUDE WORK SPECIFICALLY IDENTIFIED</u> AS: "BY OTHERS" AND/OR "N.I.C".
- 12. CONTRACTORS SHALL ADHERE TO ALL DESIGN CRITERIA INCLUDED WITHIN THE CONSTRUCTION DOCUMENTS UNLESS SPECIFICALLY MODIFIED BY AN ADDENDUM, BULLETIN, OR FIELD SKETCH AS ISSUED BY THE ARCHITECT, INTERIOR DESIGNER OR ENGINEER(S).
- 13. EACH CONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR, WHO SHALL IMMEDIATELY NOTIFY THE ARCHITECT OR INTERIOR DESIGNER WHEN DISCREPANCIES ARE FOUND WITHIN THE CONSTRUCTION DOCUMENTS OR WHEN DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS ARE 14. ALL EXISTING CONDITIONS SHOWN IN THESE DRAWINGS WERE PREPARED FROM EXISTING DOCUMENTS,
- ON-SITE MEASUREMENTS AND OBSERVATIONS. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING DIMENSIONS, CONDITIONS, CONSTRUCTION, MATERIALS, DETAILS, ETC. BY OBSERVATION. INVESTIGATION AND THROUGH MEASUREMENTS TAKEN AT THE JOB SITE. THEY SHALL TAKE ANY AND ALL MEASUREMENTS NECESSARY TO VERIFY THE EXISTING CONDITIONS AGAINST DRAWINGS SO AS TO PERFORM THEIR WORK PROPERLY PRIOR TO THE PREPARATION OF SHOP DRAWINGS, FABRICATION/ORDERING OF MATERIALS, OR ACTUAL CONSTRUCTION OF THE PROJECT. THE CONTRACTOR ALONE IS RESPONSIBLE FOR THE PROPER CONNECTION AND INSTALLATION OF MATERIALS AND EQUIPMENT.
- 15. ALL EXISTING SITE CONDITIONS SHALL BE VERIFIED, SURVEYED AND IDENTIFIED PRIOR TO STARTING ANY WORK. ALL UTILITIES SUPPLYING ADJACENT BUILDINGS SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. ANY REQMT. FOR TEMPORARY DISCONNECTION OF ANY UTILITY SHALL BE FIRST REVIEWED & APPROVED BY OWNER & LOCAL CODE AUTHORITY
- 16. EACH CONTRACTOR SHALL REFER TO ALL EXISTING DOCUMENTATION DESCRIBING THE ORIGINAL CONSTRUCTION. WHERE THEY EXIST, UTILIZE "RECORD" OR "AS-BUILT" DRAWINGS OVER LIKE DOCUMENTATION WITHOUT SUCH LABELS. CONTRACTOR SHALL ASSUME ALL DOCUMENTATION NOT LABELED "RECORD" OR "AS-BUILT" IS NOT FULLY ACCURATE AND SHALL PROCEED WITH THEIR WORK ONLY AFTER A THROUGH REVIEW OF THE BUILT CONDITION. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT AND INTERIOR DESIGNER ALL DISCREPANCIES BETWEEN THE DRAWINGS AND THE BUILT
- CONDITIONS PRIOR TO ANY PERFORMING ANY WORK. 17. WHERE DEMOLITION IS NOT ALREADY INDICATED ON THE ARCHITECTURAL DRAWINGS BUT IT IS EITHER DESIRABLE. OR NECESSARY FOR THE CONTRACTOR TO CUT INTO ANOTHER PORTION OF THE BUILDING TO PERFORM THEIR WORK, CONSULT THE ARCHITECT SO THAT A SATISFACTORY REINFORCEMENT, REPAIRS, REPLACEMENT AND/OR BARRIER PROTECTION CAN BE DOCUMENTED AND EXECUTED BY THE CONTRACTOR

18. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES, AND INSPECTIONS BY AUTHORITIES OF JURISDICTION

STORAGE, INSTALLATION, AND UNTIL FINAL OWNER ACCEPTANCE. UPON COMPLETION OF CONSTRUCTION,

- REQUIRED FOR THE EXECUTION OF THE WORK, U.N.O. 19. CONTRACTOR SHALL DISPOSE OF ALL DEMOLITION RELATED DEBRIS IN A SAFE AND LEGAL MANNER. 20. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF THEIR WORK DURING FABRICATION, TRANSIT,
- THE CONTRACTOR SHALL CLEAN ALL WORK AREAS AS WELL AS REPAIR AND REFINISH ANY DAMAGE TO THE SATISFACTION OF THE ARCHITECT, DESIGNER AND THE OWNER AS PART OF THE BASE CONTRACT. 21. ALL CONSTRUCTION ELEMENTS SHALL BE INSTALLED PER THE CONSTRUCTION DOCUMENTS AND THE MANUFACTURER'S STANDARD RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS. WHERE

ADDITIONAL U.L., ASTM, TRADE GUILD, AND/OR TRADE ASSOCIATION INFORMATION IS REFERENCED IN THESE DOCUMENTS OR MANUFACTURER'S DOCUMENTATION, THOSE REQUIREMENTS SHALL ALSO BE ADHERED TO

- 22. THE ARCHITECT HAS ENDEAVORED TO ENSURE CODE COMPLIANCE BUT IT IS STILL THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND EACH SUB-CONTRACTOR TO ENSURE THAT THEIR WORK IS INSTALLED CORRECTLY AND THAT IT MEETS THE REQUIREMENTS OF ALL APPLICABLE CODES, ORDINANCES, AND ANY JURISDICTION HAVING AUTHORITY. THE CONTRACTOR SHALL OBTAIN APPROVAL AND INSPECTIONS OF THE GOVERNING AUTHORITIES.
- 23. IT IS THE INTENTION OF THE NOTES AND KEYNOTES LOCATED WITHIN THIS DRAWING SET TO IDENTIFY CONSTRUCTION ELEMENTS, NOT NECESSARILY DESCRIBE ENTIRE ASSEMBLIES OR PROCESSES. THE INSTALLATION OF SAID ELEMENT SHOULD INCLUDE ALL ASSOCIATED CONSTRUCTION NECESSARY TO ACHIEVE INSTALLATION AND OPERATION (USE) OF SAID ITEM.
- 24. PROVIDE DRYWALL TRIM AT ALL EXPOSED EDGES & OUTSIDE CORNERS OF GYPSUM WALLBOARD CONSTRUCTION. J-BEAD OR OTHER NON-DRYWALL COMPOUND EMBEDED TRIM PIECES ARE PROHIBITED
- 25. ALL FRAMING LUMBER, WOOD NAILERS, BLOCKING, RAISED PLATFORM FRAMING, PLYWOOD, OTHER CONCEALED WOOD MATERIALS WHERE DETAILED, OR REQUIRED, FOR THE ATTACHMENT OF FINISHED MATERIALS SHALL BE TREATED WITH FIRE-RETARDANT (F.R.T.) CHEMICALS IN ACCORDANCE WITH ASTM E84. THE MATERIAL SHALL BEAR THE IDENTIFICATION OF AN AUTHORITATIVE TESTING OR INSPECTION AGENCY ACCEPTABLE TO THE GOVERNING AGENCY WITH THE PERFORMANCE RATING THEREOF. NO F.R.T. WOOD SHALL BE INSTALLED WITHIN A 3HR. (OR GREATER) RATED WALL, IN A RETURN AIR PLENUM OR BE EXPOSED AND ABOVE SPRINKLER COVERAGE.
- 26. WHERE NEWLY INSTALLED CONSTRUCTION ABUTS PREVIOUSLY INSTALLED OR EXISTING MATERIALS, THES ADJACENT AREAS SHALL BE TOUCHED-UP AND FINISHED TO BLEND WITH THE NEWLY INSTALLED CONSTRUCTION. COORDINATE WITH THE ARCHITECT OR DESIGNER AS NECESSARY.
- 27. EXCEPT WHERE THE CONSTRUCTION DOCUMENTS AND/OR CODE REGULATIONS INCLUDE MORE STRINGENT REQUIREMENTS, ALL WORK SHALL BE DONE TO MEET OR EXCEED THE STANDARDS OF THE CONSTRUCTION
- 28. ALL WORK AND FINAL FINISHED PRODUCTS SHALL BE COMPLETE IN EVERY RESPECT TO THE SATISFACTION OF THE OWNER, ARCHITECT, INTERIOR DESIGNER, AND ENGINEERS.
- 29. PRIOR TO STARTING WORK CONTRACTOR SHALL DEVELOP A DETAILED CONSTRUCTION SCHEDULE FOR REVIEW AND APPROVAL BY THE OWNERS REPRESENTATIVE. SCHEDULE SHALL IDENTIFY WORK SCHEDULE WITH MILESTONE DATES, TYPICAL HOURS/DAYS OF WORK ACTIVITY, STAGING AREA AND ACCESS REQUIREMENTS AND OWNER RESPONSIBILITY REQUIREMENTS.
- 30. CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION OF EXISTING & NEW WORK FROM VANDALISM DURING THE CONSTRUCTION PERIOD. WORK THAT HAS BEEN VANDALIZED WILL BE REMOVED AND REPLACED AT NO COST TO THE OWNER.
- 31. ALL SPRINKLER & FIRE PROTECTION SYSTEMS SHALL COMPLY W/ ALL APPLICABLE NFPA REQUIREMENT. A MICHIGAN CERTIFIED DESIGNER SHALL PREPARE DESIGN DOCUMENTS FOR ALL SYSTEMS AND ALTERATIONS AND SUBMITTED FOR REVIEW BY ARCHITECT PRIOR TO SUBMITTING APPLICATION AND DOCUMENTATION TO LOCAL CODE AUTHORITY FOR PERMIT REVIEW.

Abbreviations & Definitions

CARPET PADDING

CALCIUM SILICATE MASONRY UNIT

ELEVATION, WORKPOINT

CSMU

WHERE ADDITIONAL ABBREVIATIONS OR WORD DEFINITIONS ARE DEFINED BY ANOTHER DISCIPLINE AND A CONFLICT OCCURS, THEIR DEFINITIONS SHALL TAKE PRECEDENCE OVER THE FOLLOWING ON OTHER DISCIPLINES DOCUMENTS **ONLY**. WHERE AN ABBREVIATION IS UNDEFINED - NOTIFY THE ARCHITECT, FOR CLARIFICATION

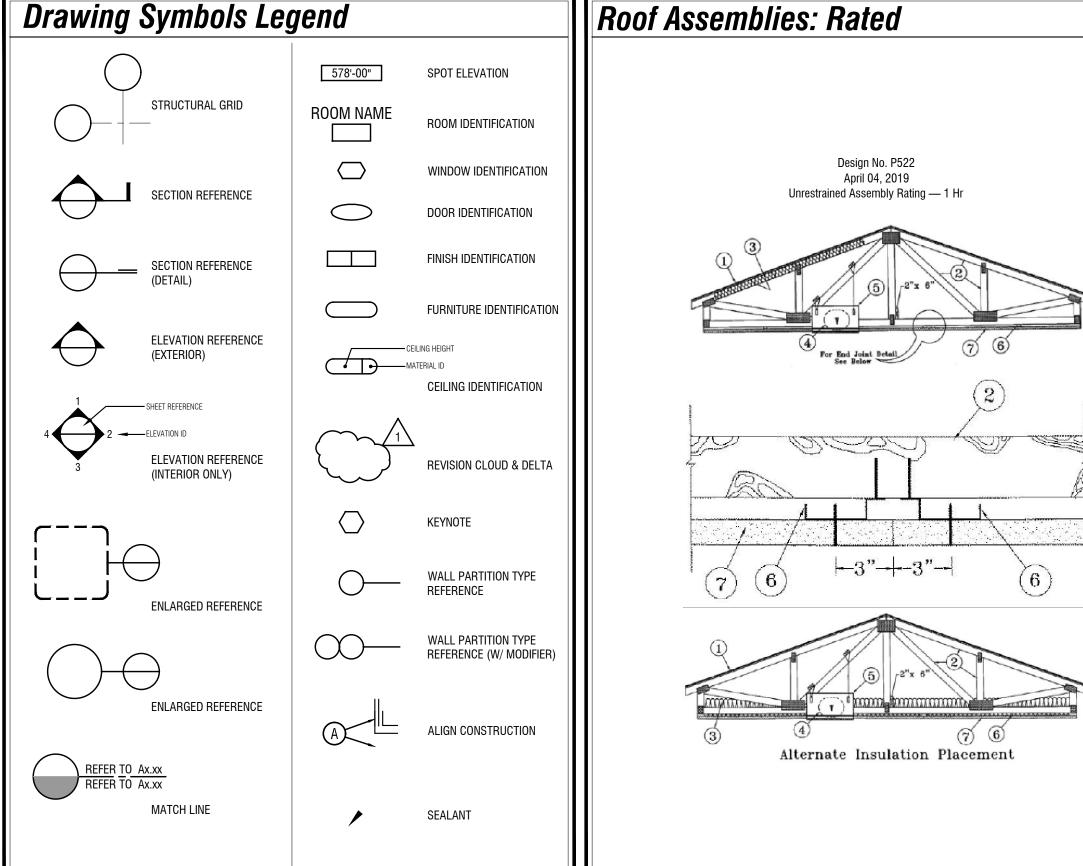
ĸ H						<u> </u>						
^	AB	ANCHOR BOLT	СТ	CERAMIC TILE	FRZR	FREEZER	LAV	LAVATORY	PW	PLYW00D	TV	TELEVISION
	ABV	ABOVE	CW	CURTAINWALL	FT	FEET/F00T	LB or LBS.	POUND			TYP	TYPICAL
	A/C	AIR CONDITIONING			FTG	FOOTING	LGMF	LIGHT GAUGE METAL FRAMING	R	RADIUS OR RISER		
	ACC	ACCESSIBLE	D	CLOTHES DRYER	FURN	FURNACE OR FURNITURE	LL	LIVE LOAD	RAD	RADIUS OR RADIATOR	UC	UPPER CABINET OR UNDER COUNTER
	ACM	ALUMINUM COMPOSITE MATERIAL	DB	DRAWER BASE	FV or F.V.	FIELD VERIFY	LLV	LONG LEG VERTICAL	RL or R.L.	RAIN LEADER		OR UNDER CABINET
	ACT	ACOUSTICAL CEILING TILE	DBL	DOUBLE			LVL	LAMINATED VENEER LUMBER	RD or R.D.	ROOF DRAIN	UL	UNDERWRITERS LABORATORIES
→	ADA	AMERICANS WITH DISABILITIES ACT	DEPT	DEPARTMENT	GA	GAUGE			REFER	REFERENCE / REFER TO	U.N.O.	UNLESS NOTED OTHERWISE
	ADJ	ADJACENT	DAFS	DIRECT APPLIED FINISH SYSTEM	GALV	GALVANIZED	MAG	MAGNETIC	REF	REFRIGERATOR		
	ADJUST	ADJUSTABLE	DET/DTL	DETAIL	GB	GRAB BAR	MAS	MASONRY	REINF	REINFORCE/REINFORCING	VB	VAPOR BARRIER OR VINYL BASE
		ABOVE FINISHED FLOOR	DF or D.F.	DRINKING FOUNTAIN	GC	GENERAL CONTRACTOR	MAX	MAXIMUM	REQ'D	REQUIRED	VCT	VINYL COMPOSITION TILE
			DIA	DIAMETER	GFRC	GLASS FIBER REINFORCED CONCRETE	MAT'L	MATERIAL	REV	REVISION / REVISED	VERT	VERTICAL
	ALT	ALTERNATIVE	DIM	DIMENSION	GFRG	GLASS FIBER REINFORCED GYPSUM	MDF	MEDIUM DENSITY FIBERBOARD	RF	RESILIENT FLOORING	VIF or V.I.F.	VERIFY IN FIELD
JH	APC	ACOUSTICAL PANEL CEILING (EXPOSED	DISP	DISPENSER OR GARBAGE DISPOSAL	GL or GLAZ	GLASS OR GLAZING	MDO	MEDIUM DENSITY OVERLAY	RM	ROOM	VR	VAPOR RETARDER
Ĭ	711 0	SUSPENSION SYSTEM)	DIV	DIVISION	GMG	GLASS-MAT GYPSUM SHEATHING	MECH	MECHANICAL	RO or R.O.	ROUGH OPENING	VII.	VAL OIT HE PARIBEIT
	APPROX	APPROXIMATE	DN	DOWN	GWB	GYPSUM WALL BOARD	MEP	MECHANICAL/ ELECTRICAL/PLUMBING	R.O.W.	RIGHT OF WAY	W	WASHER
	ARCH	ARCHITECT(URAL)	DP	DEEP/DEPTH	G.B. or GYP	GYPSUM BOARD	MFR or MFG	MANUFACTURER	11.0.	Main of WAT	W/	WITH
	ARG	ABUSE RESISTANT GYPSUM	DR	DOOR	G.B. Of GIT	an John Boand	M.H.	MAN HOLE	S/R	SHELF/ROD	W/O	WITHOUT
	ASF	ABOVE SUBFLOOR	DRN	DRAIN	ш	HIGH	MI	MIRROR IMAGE	SB	SINK BASE	W.C.	WATER CLOSET
	ACT	ACOUSTICAL CEILING TILE (CONCEALED	DRW	DRAWER	H.B.	HOSE BIBB	MIN	MINIMUM	SC	SOLID CORE	WC.	WALLCOVERING
[*]	ACT	SUSPENSION SYSTEM)	DS or D.S.	DOWNSPOUT	HDW	HARDWARE	MISC	MISCELLANEOUS	SCWD	SOLID CORE SOLID CORE WOOD DOOR	WD	WOOD
	Δ\/	AUDIO/VISUAL	DS 01 D.S.	DISHWASHER	HDWD	HARDWOOD	MO	MASONRY OPENING	SCWD	SCHEDULE	W.F.	WIDE FLANGE
	AV AVG	AVERAGE	DWG	DRAWING	HC	HOLLOW CORE	M.R.	MOISTURE RESISTANT	SECT	SECTION	WH	WATER HEATER
	AVG	AVERAGE	EA	EACH	HCWD	HOLLOW CORE WOOD DOOR	MTD	MOUNTED	SF or S.F.	SQUARE FEET/SQUARE FOOT	WIN	WINDOW
	D/O	DOTTOM OF	EIFS	EXTERIOR INSULATION FINISH	HGT or HT.	HEIGHT	MTL	METAL		•	W.P.	WATERPROOF
	B/O	BOTTOM OF	EIFO	SYSTEM	HM or H.M.	HOLLOW METAL	MULL	MULLION	SHLV	SHELVES	WIC	WALK-IN CLOSET OR WALK-IN
H	BB	BLIND BASE	EJ or E.J.	EXPANSION JOINT	HMD	HOLLOW METAL HOLLOW METAL DOOR	MW or MWO		SHT	SHEET	VVIC	COOLER
	BD	BOARD		ELEVATION	HORIZ	HORIZONTAL	MWO	MICROWAVE OVEN	SHTG	SHEATHING	WIF	WALK-IN FREEZER
	BLDG	BUILDING	EL			HOUR	IVIVVO	WIIGROWAVE OVEN	SIM	SIMILAR	WO	WALK-IN FREEZER WALK-OFF
	BLKG	BLOCKING	ELEC ELECT	ELECTRIC ELECTRIC	HR HRDW	HARDWARE	N/A	NOT APPLICABLE	SOG	SLAB ON GRADE	W.W.F.	WALK-OFF WELDED WIRE FABRIC
	BM	BEAM BOTTOM	ELEV	ELEVATOR OR ELEVATION	HSS	HOLLOW STEEL SECTION	· ·	NOT IN CONTRACT	SPEC	SPECIFICATION	W.W.M.	WELDED WIRE MESH
	BOT	BEARING	ELEV EMERG.	EMERGENCY		HEIGHT		NUMBER	SQ CC or C C	SQUARE	WSCT.	WAINSCOT
>	BRG BS	BACKSPLASH		ENGINEER	HT HTG	HEATING	NO NOM	NOMINAL	SS or S.S.	STAINLESS STEEL OR SOLID SURFACE	WT.	WEIGHT
	89	BAUNSPLASH	ENG		HVAC	HEATING HEATING/VENTILATION/AIR		NOT TO SCALE	STL/STL	STAINLESS STEEL	W.V.	WATER VALVE
	0.4	CARPET	EQ EQUIP	EQUAL	HVAC	CONDITIONING	N 13 01 N.1.3.	NOT TO SCALE	ST	STAIN/STAINED	VV.V.	WATER VALVE
	CA CATV	CABLE TELEVISION		EQUIPMENT EACH WAY	1114/	HOT WATER	O/A	OVERALL	STC	SOUND TRANSMISSION CLASS	YD	YARD
			EW		HWD	HARDWOOD	0/A	OUT TO OUT	STD	STANDARD	טז	TAND
	CD	CORNER GUARD	EXH	EXHAUST	טאט	ПАПОМООО	0,0 0.C.	ON CENTER	STL	STEEL		
۱ ا ۸	CIRC	CIRCLE/CIRCULAR	EXIST	EXISTING	ID.	INSIDE DIAMETER	0.0. 0.D.	OUTSIDE DIAMETER	STOR	STORAGE		
G	CFMF	COLD FORMED METAL FRAMING	EXP	EXPANSION	ID			OVERHEAD	STRUCT	STRUCTURAL		
		CONTROL JOINT	EXT	EXTERIOR	IIC	IMPACT INSULATION CLASS	OH OPNG	OPENING	SUSP.	SUSPENDED		
	CL OLO OT CLNO	CENTERLINE	EXTN	EXTENSION	IN	INCH INCLUDING	OPP	OPPOSITE	SW	SWITCH		
	CLG or CLNG		ΓD α Γ D	FLOOD DDAIN	INCL INFO				-	TDEAD OD THIOK		
	CLO	CLOSET	FD or F.D.	FLOOR DRAIN		INFORMATION	OSB	ORIENTED STRAND BOARD	I I	TREAD OR THICK		
	CLR	CLEAR	FDN	FOUNDATION	INSUL	INSULATION	PC	PRECAST	T/O	TOP OF		
)	CMU	CONCRETE MASONRY UNIT	FE	FIRE EXTINGUISHER	INT	INTERIOR			TBD	TO BE DETERMINED		
	C.O.	CASED OPENING	FEC	FIRE EXTINGUISHER CABINET	IRG	IMPACT RESISTANT GYPSUM	P.L.	PROPERTY LINE OR PLASTIC	T&G	TONGUE AND GROOVE		
	COL	COLUMN	FF	FINISH FLOOR	IAN	IANITOD (IAL)		PLASTIC LAMINATE	TEMP.	TEMPORARY OR TEMPERED		
	COMP	COMPACT(ED)	FHC	FIRE HOSE CABINET	JAN	JANITORIS CLOSET	PLAS	PLASTIC BLYWOOD	TEL	TELEPHONE		
	CONC	CONCRETE	FIN	FINISH	JC or J.C.	JANITOR'S CLOSET	PLYWD	PLYWOOD	THK	THICK		
	CONST	CONSTRUCTION	FIXT	FIXTURE	JST	JOIST	PNL	PANEL POLIABE FOOT	THRU	THROUGH		
$F \mid I$	CONT	CONTINUOUS	FL or FLR	FLOOR	JT or JNT	JOINT	PSF	POUNDS PER SQUARE FOOT	TME	TO MATCH EXISTING		
·	CORR	CORRIDOR	FLR	FLOOR	I/IT	KITCHEN	PSI	POUNDS PER SQUARE INCH	T.O.C.	TOP OF CONCRETE		

FIRE RETARDANT TREATED Roof Assemblies: Rated

FIBER REINFORCED CONCRETE

FIBER REINFORCED GYPSUM

FIBER REINFORCED POLYMER



DOOR W/ MAGNEIC HOLD

OPEN -REFER TO DOOR

Roofing System* — Any UL Class A, B or C Roofing System (TGFU) or Prepared Roof Covering (TFWZ) acceptable for use over nom 15/32 in. thick wood structural panels, min. grade "C-D" or "Sheathing". Nom 15/32 in. thick wood structural panels secured to trusses with No. 6d ringed shank nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Construction adhesive may be used with either the nails or staples.

Trusses — Pitched or parallel chord wood trusses, spaced a max

T.0.F.

T.O.M.

T.0.S.

T.0.W.

TOP OF FOOTING

TOP OF MASONRY

TOP OF STEEL

TOP OF WALL

PRESSURE TREATED OR PAINT

PARTITION

POLYVINYLCHLORIDE

of 24 in. OC, fabricated from nom 2 by 4 lumber, with lumber oriented vertically or horizontally. Truss members secured together with min. 0.0356 in. thick galv steel plates. Plates have 5/16 in. long teeth projecting perpendicular to the plane of the plate. The teeth are in pairs facing each other (made by the same punch), forming a split tooth type plate. Each tooth has a chisel point on its outside edge. These points are diagonally opposite each other for each pair. The top half of each tooth has a twist for stiffness. The pairs are repeated on approximately 7/8 in. centers with four rows of teeth per inch of plate width. Where the truss intersects with the interior face of the exterior walls, the min truss depth shall be 5-1/4 in. with a min roof slope of 3/12 and a min. area in the plane of the truss of 21 sq/ft. Where the truss intersects with the interior face of the exterior walls, the min truss depth may be reduced to 3 in. if the batts and blankets (Item 3) are used as shown in the above illustration (Alternate Insulation Placement) and are firmly packed against the intersection of the bottom chords and the plywood sheathing.

3. Batts and Blankets* — (Optional) — Required when Item 6B is used — Glass fiber insulation, secured to the wood structural panels with staples spaced 12 in, OC or to the trusses with 0.090 in. diam galv steel wires spaced 12 in. OC. Any glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance, having a min density of 0.5 pcf. As an option, the insulation may be fitted in the concealed space, draped over the resilient channel/gypsum board ceiling membrane when resilient channels and gypsum board attachment is modified as specified in Items 6 and 7. When Steel Framing Members (Item 6B) are used, max 3-1/2 in. thick insulation shall be draped over the furring channels (Item 6Ba) and gypsum board ceiling membrane, and friction-fitted between trusses and Steel Framing Members (Item 6Bd). The finished rating has only been determined when the insulation is secured to the decking.

6. Furring Channels — Resilient channels formed of 25 MSG thick galv steel. Installed perpendicular to the trusses (Item 2), spaced a max of 16 in. OC when no insulation (Item 3 or 3A) is fitted in the concealed spaced, or a max of 12 in. OC when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the resilient channel/gypsum board ceiling membrane, or when insulation (Item 3B or 3D) is applied to the underside of the roofing system (Item 1). Two courses of resilient channel positioned 6 in. OC at wallboard butt-joints (3 in. from each end of wallboard). Channels oriented opposite at wallboard butt-joints. Channel splices overlapped 4 in. beneath wood trusses. Channels secured to each truss with 1-1/4 in. long Type S screws.

7. Gypsum Board* — One layer of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to trusses. Attached to the resilient channels using 1 in. long Type S bugle-head screws. Screws spaced a max of 12 in. OC along butted end-joints and in the field when no insulation (Item 3 or 3A) is fitted in the concealed spaced, or a max of 8 in. OC along butted end-joints and in the field when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the resilient channel/gypsum board ceiling membrane. When insulation (Item 3B or 3D) is installed in the concealed space, spray-applied to the underside of the roofing system (Item 1), screws are spaced a max of 8 in. OC along resilient channels, fasteners are increased in length to 1-1/4 in, and gypsum board butt joints shall be staggered min. 2 ft within the assembly, and occur between the main furring

Project Location

Key Plans



PROJECT DESCRIPTION: THE PROJECT SCOPE OF THIS PROJECT IS THE ADDITION OF 2 GARAGE STRUCTURES WITH MULTIPLE STALLS APPLICABLE CODES: MICHIGAN BUILDING CODE (2015 IBC W/ AMENDMENTS) CITY OF ANN ARBOR ZONING CODE OF ORDINANCE (2020) MICHIGAN REHABILITATION CODE (2015 IEBC W/ AMENDMENTS) MICHIGAN MECHANICAL CODE (2015 IMC W/ AMENDMENTS) MICHIGAN PLUMBING CODE (2015 IPC W/ AMENDMENTS) MICHIGAN ELECTRICAL CODE (2017 NEC W/ AMENDMENTS) INTERNATIONAL FIRE CODE (2015) MICHIGAN UNIFORM ENERGY CODE (2014 MUEC W/ AMENDMENTS) ACCESSIBILITY STANDARD: 2015 MICHIGAN BUILDING CODE CHAPT. 11 - ANSI / ICC A117.1 (2009) MICHIGAN LEGISLATURE: 1966 PA 1 AND MCL 125.1351-125.1356 2010 ADAAG (FEDERAL STANDARDS FOR ACCESSIBLE DESIGN)

Scope of Work and Code Analysis

THE PROJECT CONSISTS OF THE ADDITION OF 28 GARAGES WITHIN THE FOOTPRINT OF 4 SEPARATE

BUILDINGS (REFER TO PLANS FOR DIMENSIONS AND SITE LOCATIONS). THE BUILDINGS ARE WOOD FRAME WITH BRICK VENEER AND INDIVIDUAL GARAGE DOORS W/ OPENERS. THE GARAGES WILL ADD IMPERVIOUS SURFACE TO THE SITE AND EXISTING PARKING SPACES WILL BE REMOVED AND RETURNED TO PERVIOUS SURFACE.

LOCATION MAP

PERMIT APPLICATIONS: BUILDING PERMIT USE GROUP: CONSTRUCTION TYPE: FIRE PROTECTION: FOOT PRINT AREA: APPROXIMATELY 115,896 S.F. - EXISTING FOOTPRINT OF (3) BUILDINGS WILL REMAIN UNCHANGED. INDIVIDUAL BUILDINGS ARE SEPARATED INTO ASSUMED FIRE AREAS AND SEPARATED BY ASSUMED FIRE BARRIER WALLS BUILDING HEIGHT: 55'-0" (MEASURED TO AVG. HEIGHT OF HIGHEST ROOF). NO CHANGE TO BUILDING OCCUPANT LOAD: ASSISTED LIVING (I-1): EXIST. = 122 OCC. EXIST. = 977 OCC. MAIN SERVICES (A-2): EXIST. = 298 OCC. (NOT IN SCOPE - NO CHANGE) PROVIDE CONTINUITY OF SERVICE THROUGH OUT DEMOLITION WHERE REQUIRED FIRE ALARM SYSTEM: PER SECTION 907, SEE ELECTRICAL FIRE ALARM & DETECTION, NFPA 72 (NFPA 101) EXTERIOR WALL OPENINGS: NO CHANGES CONTINUITY OF RATINGS: THE EXISTING CONTINUITY OF ALL INTERIOR FIRE RESISTANT RATED CONSTRUCTION SHALL REMAIN IN PLACE. ALL NEW CONSTRUCTION MATCHES

PER TABLE 803.11 - SPRINKLERED

THE EXISTING BUILDING ELEMENTS FIRE RATING REQUIREMENTS.

|| Drawing Index

G0.01 INDEX & GENERAL PROJECT INFORMATION | • | • |

A0.01 ARCHITECTURAL SITE PLAN A1.00 OVERALL PLAN A1.01 CONSTRUCTION PLANS & ELEVATIONS: BUILDINGS 01-03 A1.02 CONSTRUCTION PLANS & ELEVATIONS: BUILDING 04, SECTIONS | • | • |

1200 Earhart Rd. Ann Arbor, Michigan 48105

PRELIMINARY NOT FOR CONSTRUCTION This drawing is for review purposes only.

Trinity Health

Pavilion at Glacier Hills

IL Conversion Renovation

Detached Garage Addition

Senior Communities

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Cincinnati, Ohio 45202

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Contact: Craig Slaughterbeck

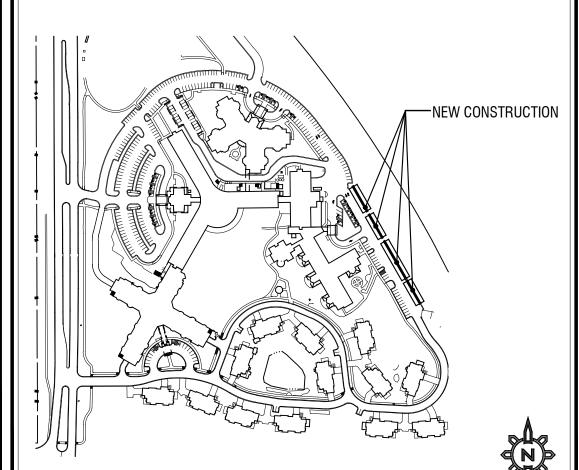
513.851.1223

513.984.1070

Pricing Set 12-09-202

Index & General Project Information

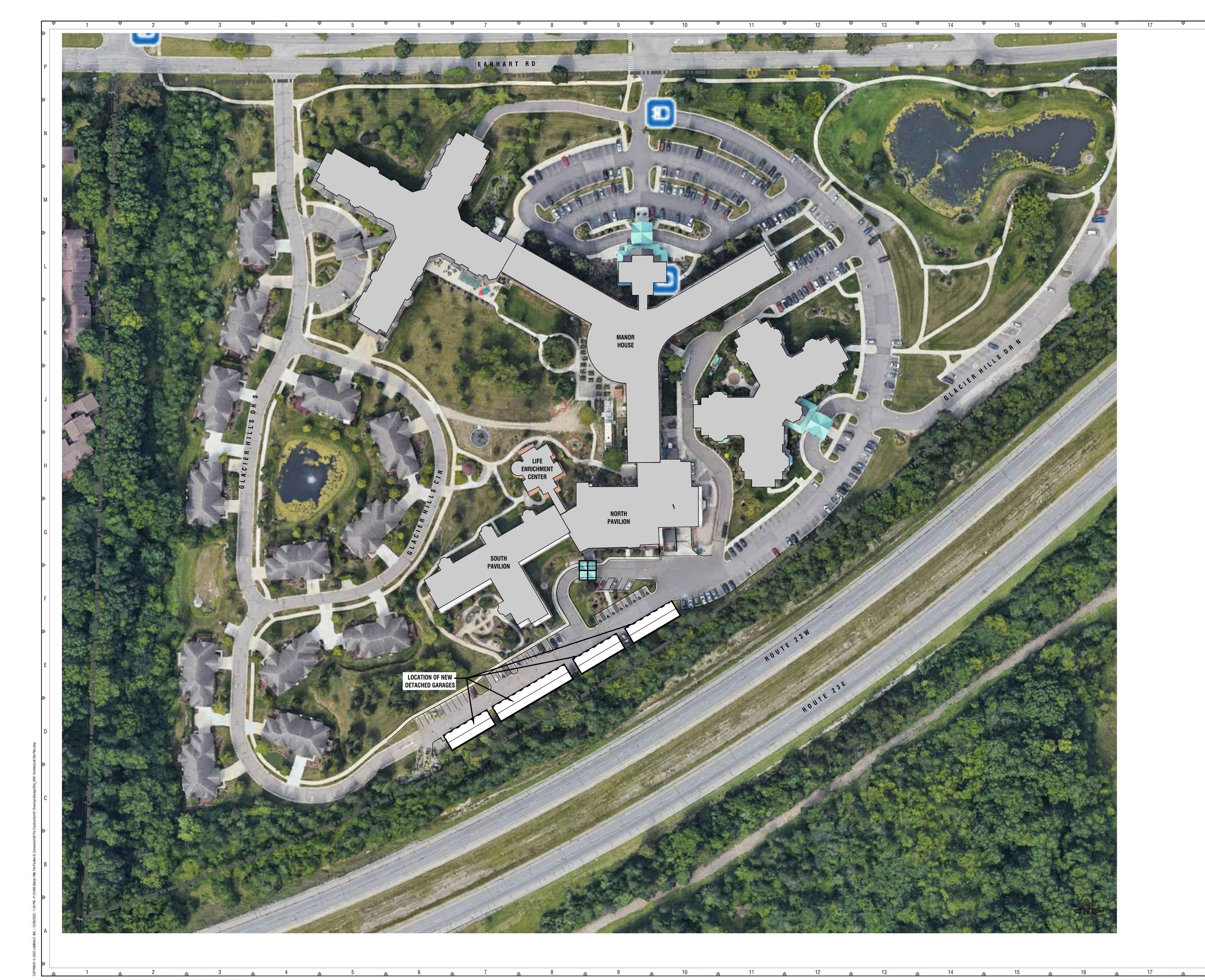
Drawn By: BG, AA, MB, ALS



Wall Types - Interior Partitions

INTERIOR FINISHES:

	UL DESIGN NO: U305	MAX. FIRE RATING: 1-HR	STC VALUE: N/A	LOAD BEARING NON-BEARING	MAX. VERTICAL SPAN: REFER TO STUD MFF		
2				(1) LAYER 5/8" TYPE 'X' GYPSUM BOARD ON EACH SIDE OF 2x STUDS AT 1 0.C. AT WALLS SEPARATING GARAGES- SILL PLATE SHALL BE (2) PRESSURE TREATED 2X4'S, HOLD GWB 1 1/2" OFF GARAGE SLAB. WALL SHALL BE BUILT ACCORDING TO UL ASSEMBLY U305: 5/8" GWB EACH SIDE OF 2X4 STUDS @ 16" O.C.			
	VARIES	X					



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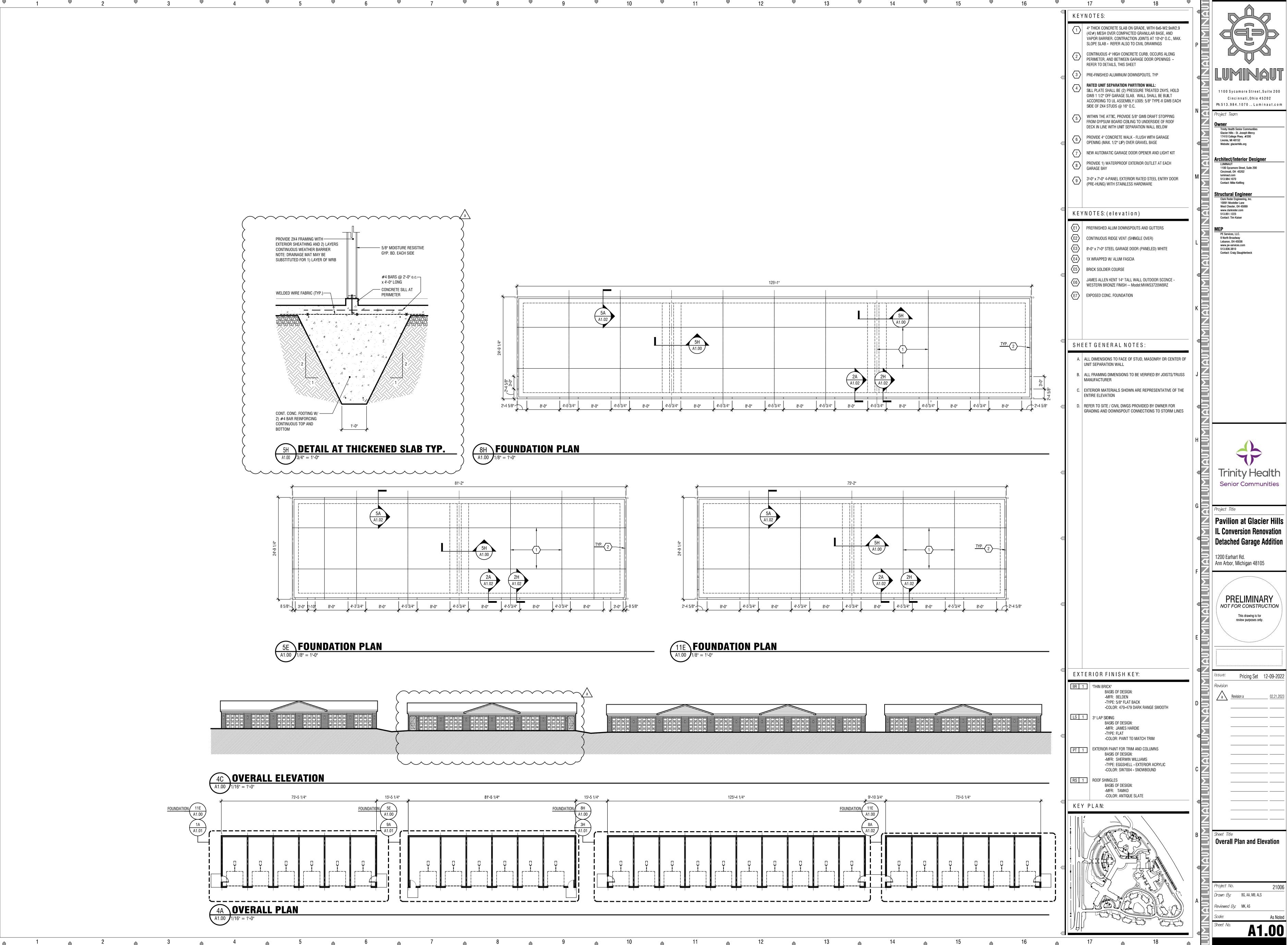
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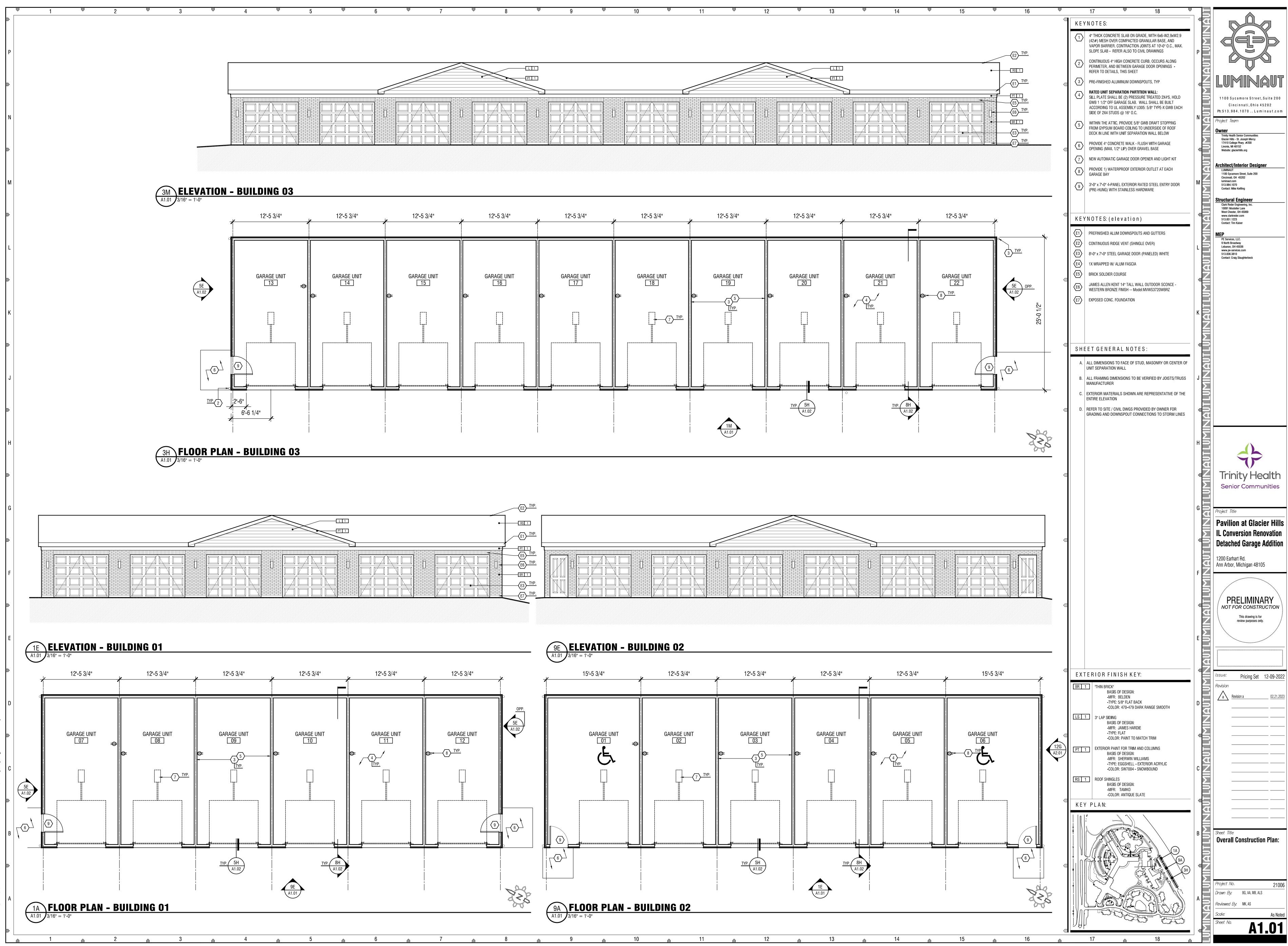
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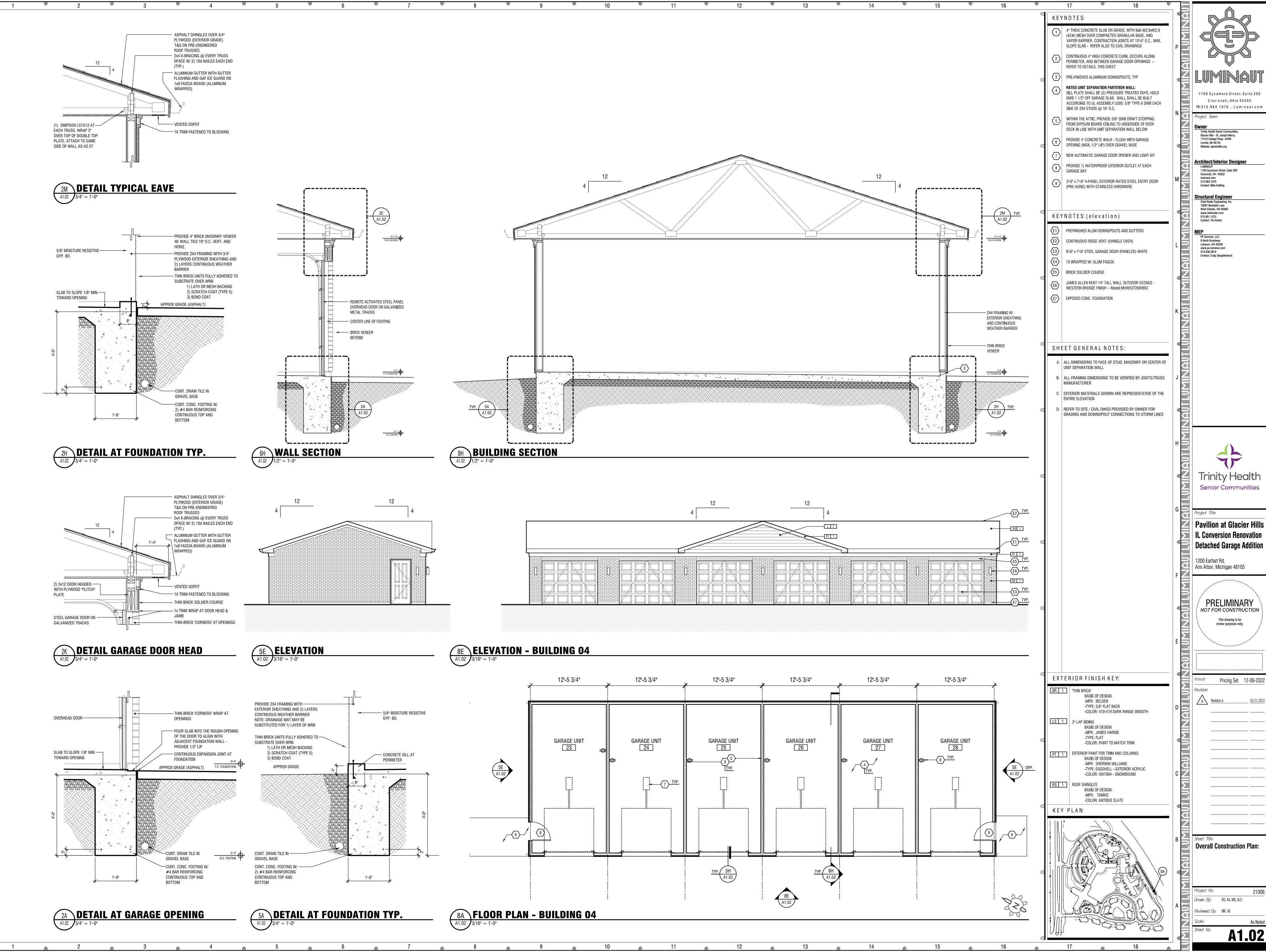


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Overall Construction Plan: