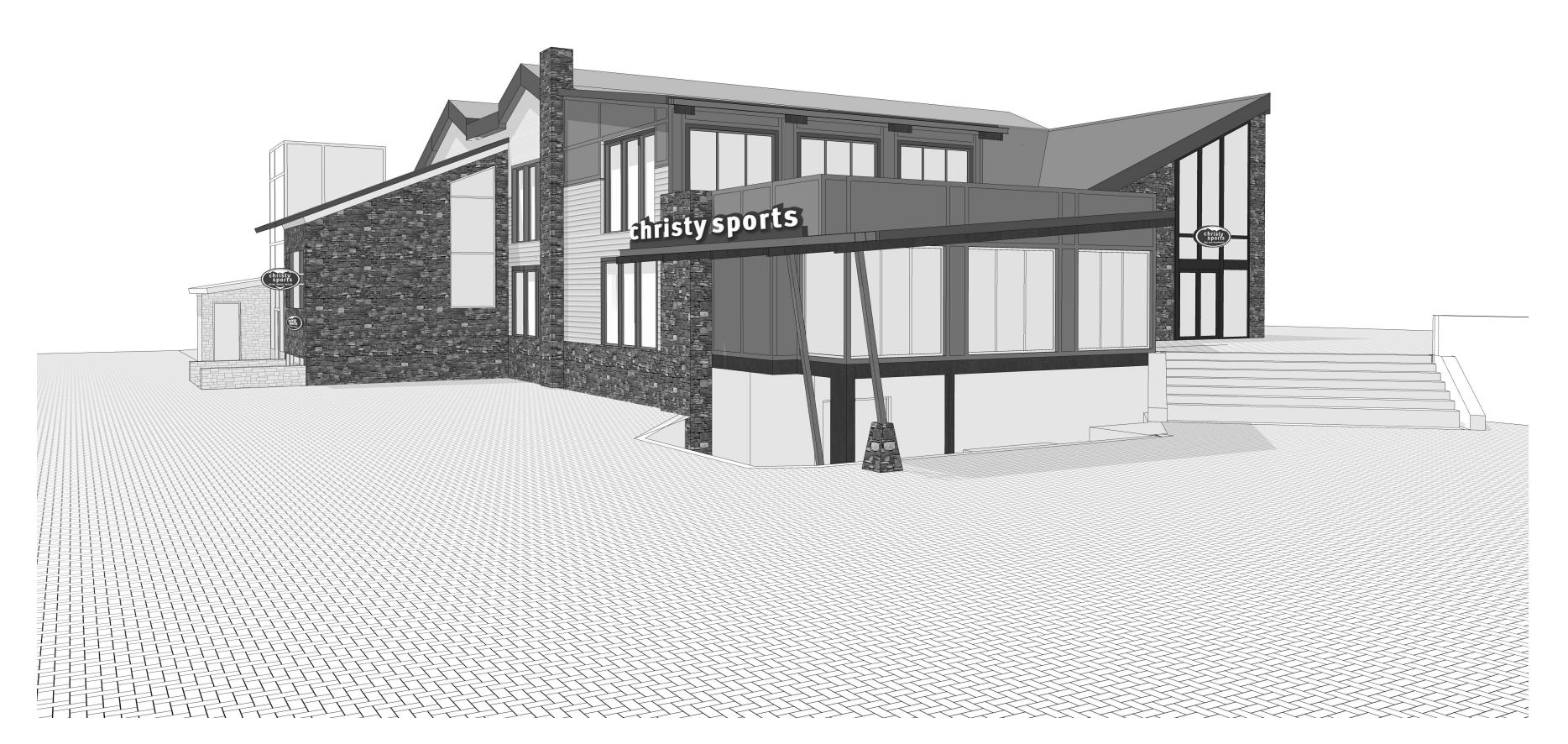
CHRISTY SPORTS RENOVATION GONDOLA SQUARE - BUILDING "D"

2305 MT. WERNER CIRCLE, STEAMBOAT SPRINGS, CO 80487



PERMIT DRAWING SET

May 2, 2022

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*IMAGE IS TO BE USED AS A GRAPHIC REPRESENTATION ONLY. ELEMENTS SHOWN IN RENDERING MAY OR MAY NOT BE PART OF THIS FINAL

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M101	MECHANICAL PLAN MAIN LEVEL
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PLUMBING P100	LOWED LEVEL WASTE AND VENT DIAM
P100 P101	LOWER LEVEL WASTE AND VENT PLAN MAIN LEVEL WASTE AND VENT PLAN
P102	UPPER LEVEL WASTE AND VENT PLAN
P200	LOWER LEVEL DOMESTIC WATER PLAN
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ED100 ED101	ELECTRICAL DEMOLITION PLANS ELECTRICAL DEMOLITION PLANS
ED101	ELECTRICAL DEMOLITION PLANS
E100	POWER PLAN - LOWER LEVEL
E101	POWER PLAN - MAIN LEVEL
E102	POWER PLAN - DOOE LEVEL
E103 E200	POWER PLAN - ROOF LEVEL LIGHTING PLAN - LOWER LEVEL
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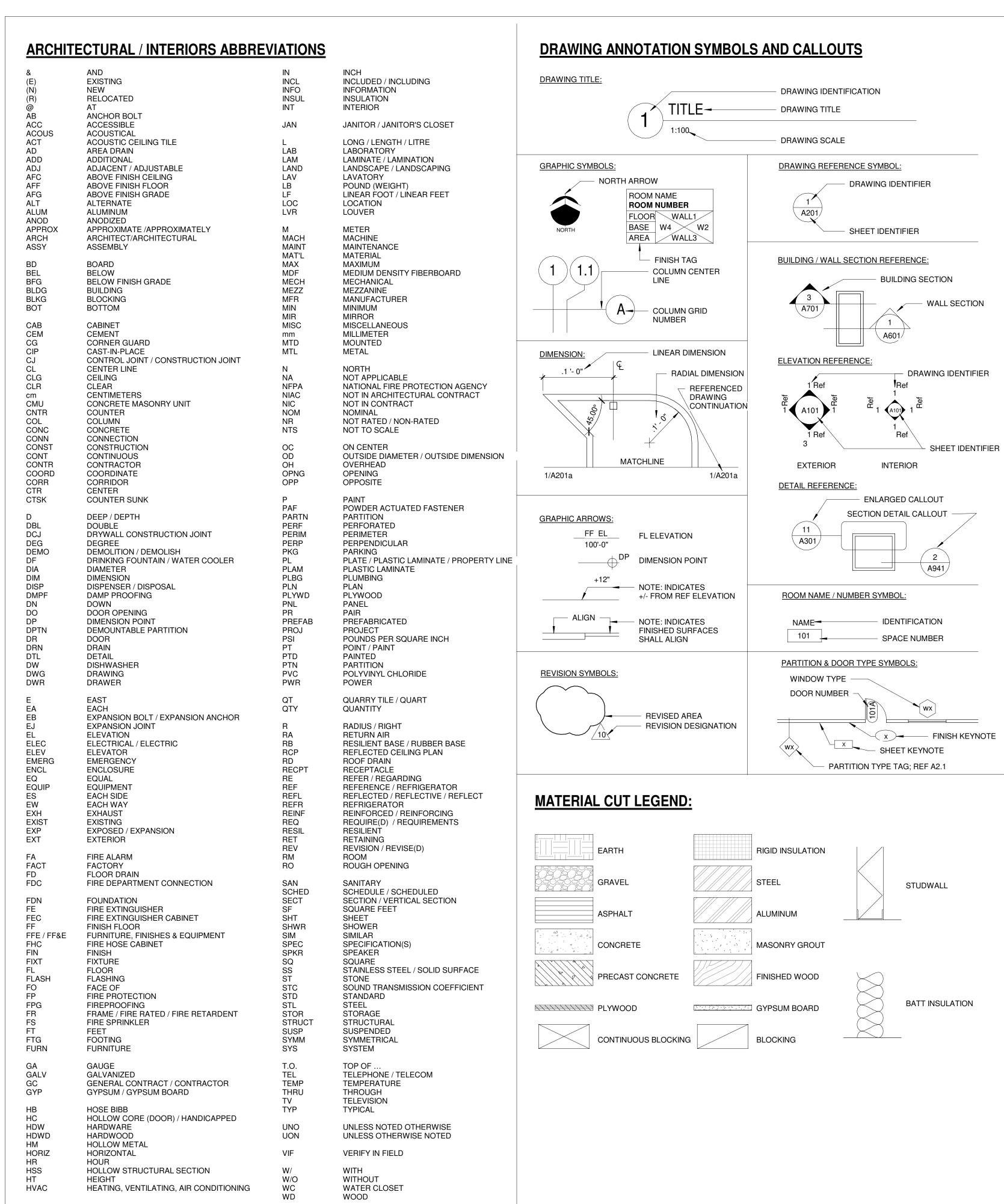
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SHEET TITLE:

G1.

Original drawing is 24" x 36" | Scale entities accordingly if reduced

COVER SHEET



PROJECT DESCRIPTION

THE PROJECT SCOPE OUTLINED IN THIS SET OF PLANS INCLUDES A MINOR MODIFICATION TO EXTERIOR ELEVATIONS AND TENANT INTERIOR REMODEL OF ALL THREE FLOORS (APPROXIMATELY 17,500 G.S.F.) IN AN EXISTING BUILDING AT 2305 MT WERNER CIRCLE, STEAMBOAT SPRINGS, CO. EXTERIOR SIGNAGE FOR BUILDING SHELL BE SUBMITTED SEPARATELY FOR PERMIT BY SIGNAGE VENDOR. SEE DRAWINGS FOR FULL SCOPE OF WORK FOR THE ENTIRE PROJECT

GENERAL NOTES

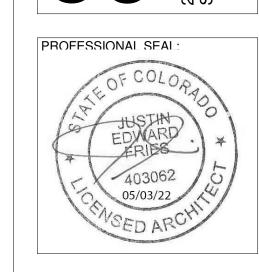
- 1. THESE DOCUMENTS REPRESENT THE DESIGN INTENT FOR THE SUBJECT CONSTRUCTION AND ARE NOT INTENDED TO BE A COMPLETE SET OF INSTRUCTIONS ON HOW TO CONSTRUCT A BUILDING
- 2. THESE DRAWINGS SHALL BE TAKEN AS A PART OF THE ENTIRE PROJECT DESIGN INFORMATION, AND SHALL BE USED IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS, REFERENCE DOCUMENTS, PERFORMANCE SPECIFICATIONS, AND ANY OWNER-SUPPLIED BUILDING PERFORMANCE CRITERIA TO CONVEY THE REQUIREMENTS OF THE DESIGN.
- 3. ANYTHING MENTIONED IN THE SPECIFICATIONS AND NOT SHOWN ON THE DRAWINGS, OR SHOWN IN THE DRAWINGS BUT NOT IN THE SPECIFICATIONS SHALL BE INTERPRETED AS BEING IN BOTH. ENLARGED SCALE DRAWINGS SHALL TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS, PROJECT SPECIFICATIONS SHALL TAKE PRECEDENCE OVER DRAWING NOTES.
- 4. DISCREPANCIES BETWEEN ANY CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK. 5. THE CONTRACTOR SHALL REVIEW AND DEMONSTRATE UNDERSTANDING OF THE DESIGN INTENT DEPICTED HERE THROUGH SUBMITTAL OF REQUESTED PROJECT COORDINATION DRAWINGS,
- SAMPLES, MATERIALS, PRODUCT DATA, MOCK-UPS, AND OTHER REQUESTED COMMUNICATIONS. 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS AND METHODS REQUIRED TO CONSTRUCT THE PROJECT IN COMPLIANCE WITH THE DESIGN INTENT.
- 7. THE CONTRACTOR SHALL WORK WITHIN THE AREA BOUNDARIES INDICATED IN THE PROJECT DOCUMENTS, AND COMPLY WITH ALL APPLICABLE BUILDING CODE, REGULATION, & ORDINANCE
- REQUIREMENTS. PERFORM THE WORK AT THE PROJECT SITE DURING THE OWNER'S NORMAL BUSINESS HOURS, UNLESS OTHERWISE NOTED. 8. OCCUPANTS ADJACENT TO THE PROJECT AREA BOUNDARIES SHALL CONTINUE UNINTERRUPTED OCCUPANCY DURING CONSTRUCTION OF THE PROJECT. COORDINATE ALL LOGISTICS WITH
- 9. VERIFY FIELD CONDITIONS FOR COORDINATION WITH THE PROJECT DOCUMENTS PRIOR TO PROCEEDING WITH THE WORK. COORDINATE THE WORK WITH EQUIPMENT, FURNISHINGS, AND SYSTEMS PROVIDED BY THE OWNER.
- 10. OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS, OR THE INCORRECT DESCRIPTION OF DETAILS OF WORK THAT ARE MANIFESTLY NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS, OR THAT ARE INDUSTRY STANDARD APPLICATIONS AND CUSTOMARILY PERFORMED SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING SUCH OMITTED
- OR MISDESCRIBED DETAILS OF THE WORK. 11. THE CONTRACTOR SHALL IN ALL CASES APPLY CONSTRUCTION INDUSTRY BEST PRACTICES TO ALL CONSTRUCTION ACTIVITIES PERFORMED UNDER THEIR AUTHORITY.
- 12. THESE NOTES SHALL NOT BE CONSTRUED AS ALTERING ANY REQUIREMENT OF THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, AND ARE PROVIDED HERE TO HELP CLARIFY THE ROLE, PURPOSE, AND IMPORTANCE OF THE DOCUMENTS PROVIDED
- 13. REFER TO CIVIL, LANDSCAPE, STRUCTURAL, MECHANICAL, AND ELECTRICAL FOR ADDITIONAL INFORMATION AND A FULL DESCRIPTION OF THE WORK 14. CONTROLS, OPERATING MECHANISMS AND HARDWARE INTENDED FOR OPERATION BY OCCUPANTS, INCLUDING SWITCHES THAT CONTROL LIGHTING AND VENTILATION AND ELECTRICAL OUTLETS
- IN ACCESSIBLE SPACES, AND ALONE ACCESSIBLE ROUTES SHALL BE ACCESSIBLE COMPLYING WITH SECTION 308, ICC/ANSI A117.1-1998. 15. AUTOMATIC FIRE SPRINKLER SYSTEM PLANS SHALL BE SUBMITTED BY CONTRACTOR TO DETERMINE COMPLIANCE WITH APPLICABLE BUILDING, PLUMBING AND FIRE CODES. DRAWINGS SHALL BE SUBMITTED TO THE FIRE DEPARTMENT FOR REVIEW AND APPROVAL. SPRINKLER SYSTEM TO BE DESIGNED AROUND MECHANICAL DUCTS TO ALLOW FOR REQUIRED CLEARANCES.

DEFINITIONS:

- 1. "TYPICAL" OR "TYP" INDICATES IDENTICAL COMPLETE SYSTEM SHALL BE PROVIDED FOR ALL OCCURRENCES OF THE CONDITION NOTED
- 2. "SIMILAR" INDICATES COMPLETE SYSTEM AND COMPONENTS SHALL BE PROVIDED COMPARABLE TO THE CHARACTERISTICS OF THE DESIGN INTENT FOR THE CONDITION NOTED.
- 3. "AS REQUIRED" INDICATES COMPONENTS REQUIRED TO COMPLETE THE NOTED SYSTEM AS INDICATED IN THE PROJECT DOCUMENTS SHALL BE PROVIDED.

4. "ALIGN" INDICATES ACCURATELY PROVIDE FINISH FACES OF MATERIALS IN STRAIGHT, TRUE, AND PLUMB RELATION TO ADJACENT MATERIALS.

- **DIMENSIONS:** 1. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE INTENDED SIZE, CLEARANCE, AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS.
- DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.
- NOTIFY THE ARCHITECT OF ANY DIMENSIONAL DISCREPENCY PRIOR TO PROCEEDING WITH THE WORK.
- DIMENSIONS ARE TO FACE OF STUD, CONCRETE, OR CMU UNO. 5. VERIFY ALL OPENINGS THROUGH FLOORS, ROOF, AND WALLS WITH PLUMBING, MECHANICAL, AND ELECTRICAL SUB-CONTRACTORS. VERIFICATION OF LOCATIONS & SIZES, RATINGS ARE
- GENERAL CONTRACTORS COMPLETE RESPONSIBILITY
- 6. VERTICAL MASONRY DIMENSIONS ARE TO TOP OF MASONRY COURSE WIDTHS AND OPENING DIMENSIONS ARE NOMINAL MODULAR I.E. WIDTHS OF MASONRY ELEMENTS ARE 3/8" LESS THAN
- INDICATED AND WIDTHS OF MASONRY OPENINGS ARE 3/8" MORE THAN INDICATED OVERALL BUILDING WIDTH TO BE STRETCHED 3/8" TO MATCH INDICATED DIMENSIONS CEILING HEIGHTS ARE INDICATED FROM THE FLOOR ELEVATION TO THE FACE OF SUSPENDED SUSPENDED CEILING SYSTEM OR FACE OF FINISH MATERIAL AS SCHEDULED.
- DIMENSIONS INDICATING "CLEAR WIDTH" SHALL BE FROM FINISH FACE TO FINISH FACE
- 9. TYPICAL DIMENSIONS FROM DOOR OPENING TO PERPENDICULAR WALL IS 4" DIMENSION TO PATCH PLAN INDICATION
- 10. MOVEMENT OF THE SLAB ON GRADE MAY CAUSE DAMAGE TO ANYTHING CONNECTED TO BOTH THE SLAB AND OTHER PORTIONS OF THE SUPERSTRUCTURE ISOLATION DETAILS FOR PARTITIONS, WALLS, BASEBOARDS, & OTHER ITEMS MAY BE REQUIRED - REFER TO APPROPRIATE DRAWINGS OR CONSULT WITH THE RESPONSIBLE MEMBER OF THE DESIGN TEAM PRIOR TO MAKING SUCH
- 11. ALIGNMENT OF PARTITIONS AND FINISHES AS SCHEDULED SHALL BE STRAIGHT, TRUE & PLUMB. THE PRIORITY FOR PROJECT DIMENSIONS SHALL BE IN THE FOLLOWING ORDER: A. MIN DIMENSION FOR BARRIER FREE ACCESSIBILITY CLEARANCE & BUILDING CODE REQ
 - B. LARGE SCALE DETAILS
 - C. SMALL SCALE DETAILS
 - D. ENLARGED VIEWS E. FLOOR PLANS AND ELEVATIONS



Reviewed for

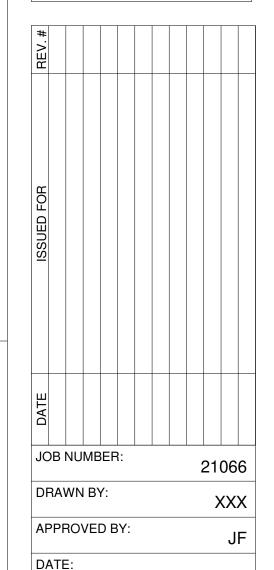
Code Compliance

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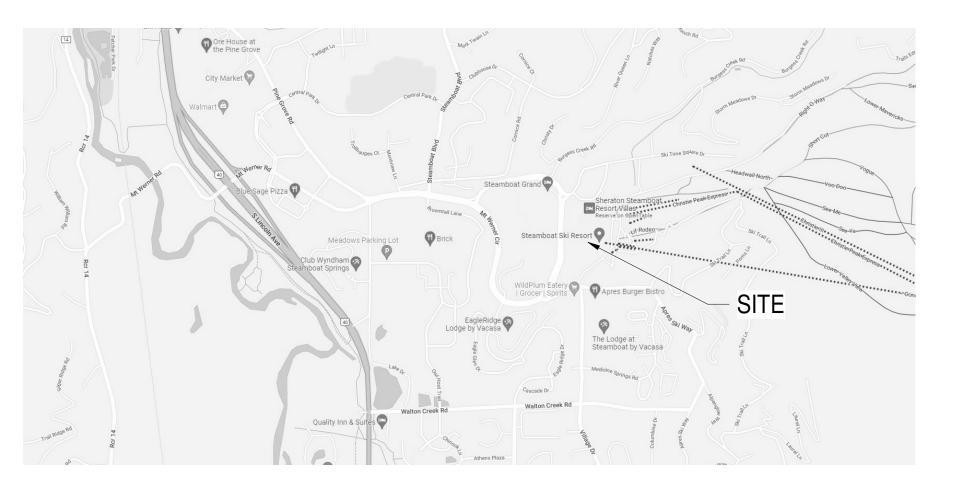
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VICINITY MAP



G1.2

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GENERAL INFORMATION

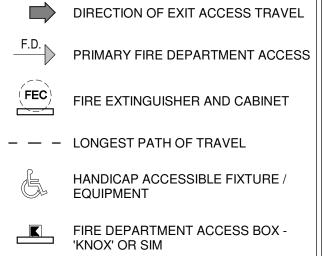
SHEET TITLE:

05/24/2022

IECC CODE COMPLIANCE (2018)		
BUILDING ENVEL	OPE SUMMARY	
CLIMATE ZONE	7	
COMPLIANCE METHOD	PERSCRIPTIVE	
	REQUIRED	PROVIDED
OPAQUE		
ROOFS - INSULATION ENTIRELY ABOVE ROOF DECK	R-35ci	R-35ci
WALLS, ABOVE GRADE - METAL	R-13 + R-7.5ci	R-19 + R-7.5ci
VERTICAL FENESTRATION		
FIXED FENESTRATION, U-FACTOR	0.29	0.29
OPERABLE FENESTRATION, U-FACTOR	0.37	0.37
ENTRANCE DOORS, U-FACTORS	0.77	0.77
SHGC	0.45	0.39

THIS TABLE PROVIDES THE OVERALL SUMMARY OF BUILDING ENVELOPE TAKEOFFS THAT WOULD BE ENTERED INTO COMCHECK FOR COMPLIANCE

93	



CODE PLAN SYMBOLS LEGEND

EXTERIOR TABLE 601	2018 INTERNATIONAL PLI 2018 ENERGY CONSERVA	JMBING C	DE (IÈCC	Č) ´									
EDUCING DATA EXTREMED CALORISM CPRATES AND INTERIOR REINOVATION OF AN EXTREME SOURS & RETAL BULDING TO PROPOSE IN EXTREME CALORISM CAN AND AN INTERIOR PROBLEMS & STORY, 15,000 SF RETAL BULDING TO PROPOSE AND	2018 INTERNATIONAL FU 2020 NATIONAL ELECTRIO 2009 ANSI 117.1 / ADAAAC	EL GAS C C CODE (N	ODÉ (IFG	GC)			ROUTT CO 522 LINCO STEAMBO	OUNTY I LN AVE AT SPR	REGIONAL I	BUILDING)	DEPARTN	1ENT	
EXTERIOR CLADDING UPDATES AND MICRIOTH REMOVATION TO AN EXISTING 3-STORY, 1500 SER RETAIL BULLIONS TO PICTURE PROVIDED P	BUILDING DATA				2018 IB				PROVID	ED			
COURTAINCY CLASSIFICATION	UPDATED HVAC SYSTEMS, U	PDATED	ELECTRIC	CAL SY	STEMS A	ND NEW I	STING 3-STO	RY, 15,0 NISHES	. EXTERIOR				_
COMSTRUCTION TYPE SUPPRESSION SYSTEM SECTION 903 BUILDING HEIGHT - FEET SPRINKER NOTICES TABLE 504.3 TABLE 504.4 TABLE 504.5 TABLE 504.4 TABLE 504.5 TABLE 504.4 TABLE 504.5 TA					2018 IB				PROVID	ED			
AUTOMATIC FIRE SUPPRESSION SYSTEM SECTION 903 PROVIDED		N							•	ANTILE - 3	809)		_
BRILLING HEROTE 177-1 ALLOWABLE 20-0" 175-0" 17	AUTOMATIC FIRE SUPPRESS	ION SYST	EM		SECTION S	903)			_
SPITHURIS IF NOCREASE 20 0" 75-0" 37-0" ABOVE GRADE PLANE		LOWABL	.E		TABLE 504	1.3	55'-0"						
TOTAL SPICE TOTAL STORIES TABLE 5044 STORIES - ALLOWABLE STORIES - STORIES	SPRINKLER INCREASE		-				20'-0"						
STORIES ALLOWABLE 2 STORIES SPRINKLER INCREASE 1 STORY									37'-0" (ABC	OVE GRAI	DE PLANE)		
SPIRISH ER NOREASE					TABLE 504	1.4	2 STODIES						
DOTAL STORIES SETON 508 SETON 508 SUDLING AREA PER STORY (3) TABLE 508 2 37,500 SF (5M) APPLE 508 2 37,500 SF													
BULDING AREA - ALLOWABLE SECTION 506 BULDING AREA PER STORY (a) FRONTAGE NOCREASE (ii) OTOTAL ALLOWABLE BULDING AREA PER STORY BULDING AREA - PROVIDED BASEMENT - LEVEL 00 A, 515 SF BASEMENT - LEVEL 00 BASEM									2 STORIES	2			
PROPRIAGE NOTES AS END NA	BUILDING AREA - ALLOWABL					1			2 0 I UNIES	_			
OTHER MODIFICATIONS		Y (At)				5.2	37,500 SF (SM)					
BULDING AREA - PROVIDED: MAIN LEVEL - LEVEL 00 MAIN LEVEL - LEVEL 01 JUPREI LEVEL - LEVEL 02 TOTAL AREA PROVIDED FIRE RESISTANCE RATINGS STRUCTURAL FRAME BEARING WALLS SERVERUR TABLE 601 TABLE 602 TABLE 601 TABLE 602 TABLE 705	OTHER MODIFICATIONS				. 11/1								
BASEMENT - LEVEL 01			PER STC	ORY			37,500 SF						
UPPER LEVEL LEVEL 02	BASEMENT - LEVEL 00												
TOTAL AREA PROVIDED							,						
FIRE RESISTANCE RATINGS 2018 10	TOTAL AREA PROVIDED	- 11			00:-		16,340 SF	F	BE				
BEARING WALLS STABLE 601		IINGS					/ REQUIRE			DED			
INTERIOR	BEARING WALLS				TABLE 00		OTIIN		OTIIT				
TABLE 602									,	JL U301 21	HR)		
INTERIOR	NON-BEARING WALLS AND P	ARTITION	IS						-				
ROOF CONSTRUCTION													_
EXTERIOR WALL FRR (TABLE 602) 10 < X < 30 TABLE 602 10 < X < 30 TABLE 602 TABLE 705.8 TABLE 705.	FLOOR CONSTRUCTION												_
10 x x < 30		602)			TABLE 601		0 HR		UHR				
UNPROTECTED	10 < X < 30 FIRE RETARDANT TREATED				TABLE 602 FR TREAT	ED WOO	FRAMING A	AND SH		LLOWED	IN EXTERI	OR WAL	
PROTECTED	EXTERIOR WALL OPENINGS UNPROTECTED				TABLE 705	5.8	UNLIMITE)	N/A				
FIRE BARRIERS SECTION 707	PROTECTED				TABLE 705	5.8	UNLIMITE		138 SF	/ 305 SF	= 45.3%		_
SMOKE BARRIERS SECTION 709 N/A SMOKE PARTITIONS SECTION 710 N/A SMOKE PARTITIONS SECTION 710 N/A SHAFT ENCLOSURES SECTION 713 STAIRWAY ENCLOSURES 1HR EXISTING MECHANICAL SHAFTS UNRATED N/A OPENING PROTECTIVES SECTION 716 1HR FIRE WINDOWS TABLE 716.5 1HR CORRIDOR FIRE RESISTIVE RATINGS TABLE 1020.1 0HR CORRIDOR FIRE RESISTIVE RATINGS TABLE 1020.1 0HR CONCEALED INSULATION, VAPOR BARRIERS, ETC. SECTION 1024 N/A CONCEALED INSULATION, VAPOR BARRIERS, ETC. SECTION 720.2 25 MAX. RE: SPECIFICATIONS MEANS OF EGRESS 2015 IBC ALLOWABLE / REQUIRED PROVIDED OCCUPANT LOAD SECTION 1004 248 OCCUPANTS SEGRESS WIDTH SECTION 1005 31 N OCC 93 OCCS (MAIN LEVEL) X.3 = 27.3 OTHER SECTION 1005.3.1 0.3 IN / OCC 248 X.2 = 49.6 (MIN. 44") / PROVID SPACES WITH ONE EXIT TABLE 1006.2.1 100" (SPRINKLED) 30" <td>FIRE BARRIERS</td> <td></td> <td>_</td>	FIRE BARRIERS												_
SMOKE PARTITIONS	FIRE PARTITIONS SMOKE BARRIERS												_
STAIRWAY ENCLOSURES 1HR	SMOKE PARTITIONS				SECTION	710							_
BLEVATOR ENCLOSURES					SECTION	713	1HR		EXISTING				
OPENING PROTECTIVES SECTION 716 FIRE DOORS TABLE 716.5 1HR 1HR FIRE WINDOWS TABLE 716.5 N/A NA CORRIDOR FIRE RESISTIVE RATINGS TABLE 1020.1 0HR 0HR EXIT PASSAGEWAYS SECTION 1024 N/A N/A HORIZONTAL EXITS SECTION 1026 N/A N/A CONCEALED INSULATION, VAPOR BARRIERS, ETC. SECTION 720.2 25 MAX. RE: SPECIFICATIONS SMOKE DEVELOPED SECTION 720.2 450 MAX. RE: SPECIFICATIONS MEANS OF EGRESS 2015 IBC ALLOWABLE PROVIDED PROVIDED OCCUPANT LOAD SECTION 1004 PROVIDED PROVIDED WIDTH PER OCCUPANT SECTION 1005 PROVIDED PROVIDED STAIRS SECTION 1005.3.1 0.3 IN / OCC 248 X.2 = 49.6 (MIN. 44") / PROVIDED SPACES WITH ONE EXIT TABLE 1006.2.1 100' (SPRINKLED) 30' MAXIMUM COMMON PATH OF TRAVEL TABLE 1006.2.1 100' (SPRINKLED) 30' MINIMUM DISTANCE BETWEEN EXITS SECTION 1007 19-6" / 2 59-8" / PROVIDED 80'-3"	ELEVATOR ENCLOSURES						1HR		EXISTING				_
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CORRIDOR FIRE RESISTIVE RATINGS	FIRE DOORS				TABLE 716	6.5			1HR				_
HORIZONTAL EXITS		RATINGS				_			0HR				_
CONCEALED INSULATION, VAPOR BARRIERS, ETC. SECTION 720.2 SECTION 720.2 25 MAX. RE: SPECIFICATIONS SMOKE DEVELOPED SECTION 720.2 450 MAX. RE: SPECIFICATIONS MEANS OF EGRESS 2015 IBC ALLOWABLE / REQUIRED PROVIDED REQUIRED PROVIDED REQUIRED REQUIRED PROVIDED REQUIRED REQUIRED REQUIRED PROVIDED REQUIRED REQ	EXIT PASSAGEWAYS												_
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APPLICABLE CODES:

NFPA

1. G.C. TO VERIFY FIRE EXTINGUISHER LAYOUT WITH REGULATORY AGENCY BEFORE PROVIDING FIRE EXTINGUISHERS & CABINETS.
2. FIRE ALARM SYSTEM NOT REQUIRED PER NFPA.

TUDIO Vichitecture

CODE ANALYSIS SUMMARY

Reviewed for Code Compliance

06/01/2022

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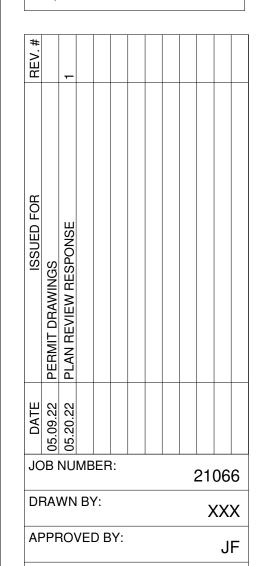
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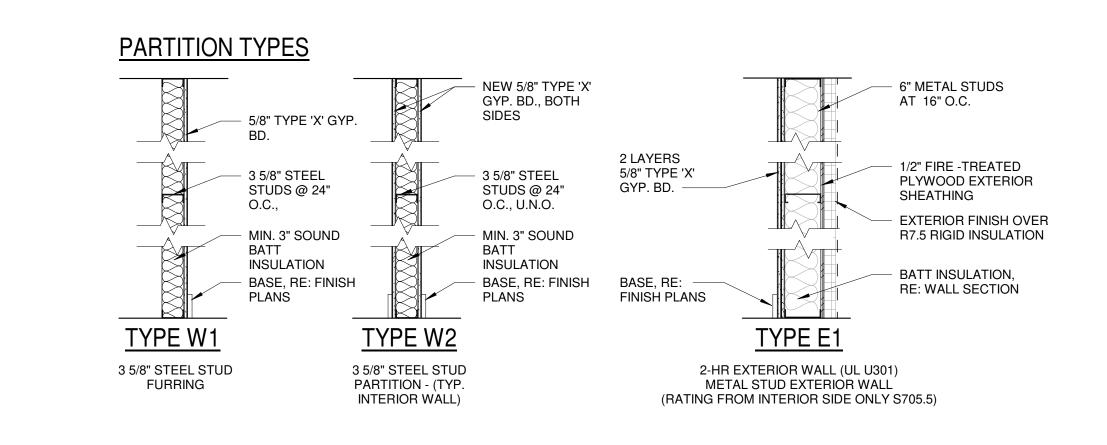
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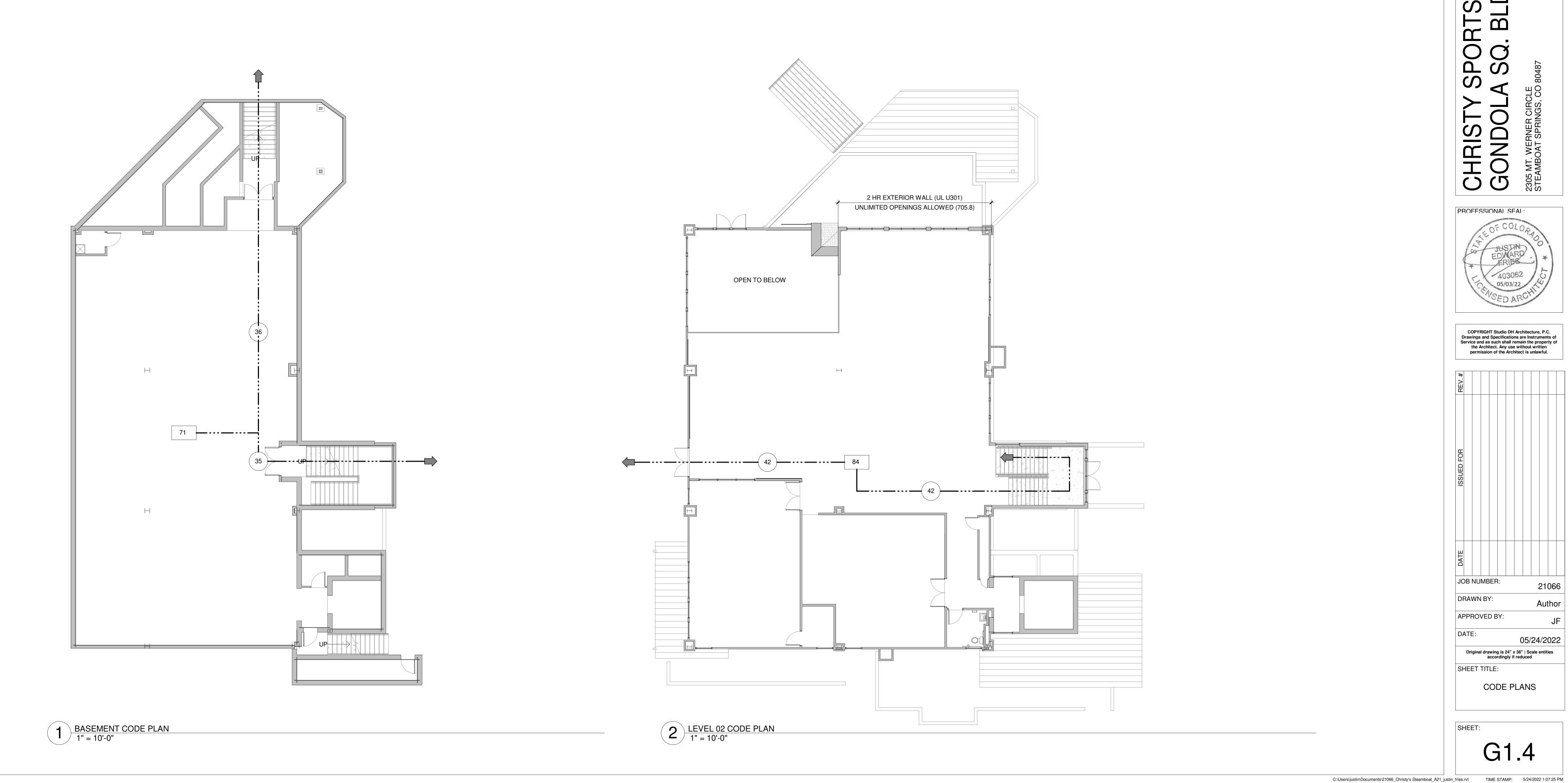
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CODE PLAN & SUMMARY

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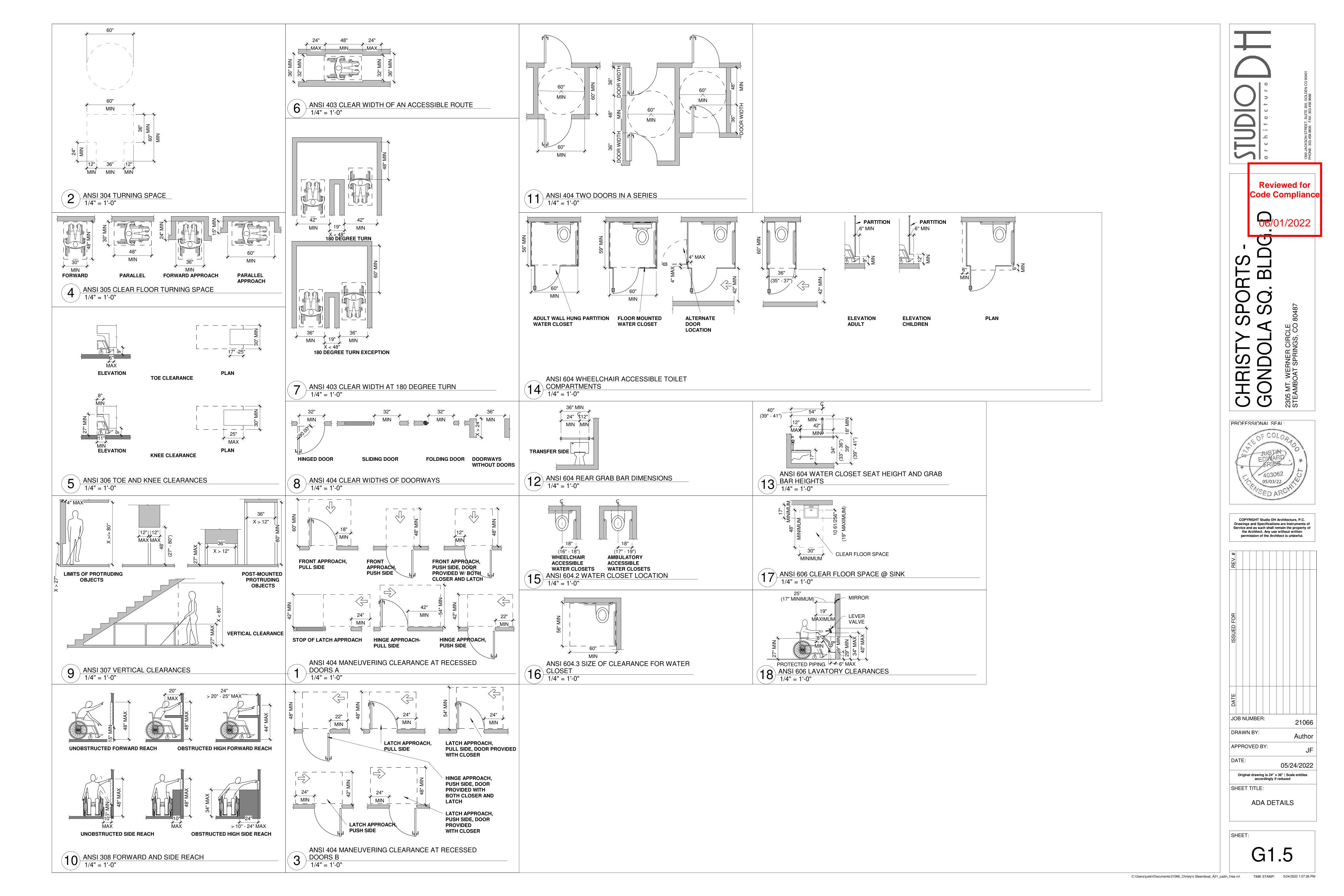




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CODE PLANS



GENERAL CONDITIONS

SECTION 014200 - REFERENCES

PART 1 - GENERAL

- 1.1 INDUSTRY STANDARDS
- A. APPLICABILITY OF STANDARDS: UNLESS THE CONTRACT DOCUMENTS INCLUDE MORE STRINGENT REQUIREMENTS, APPLICABLE CONSTRUCTION INDUSTRY STANDARDS HAVE THE SAME FORCE AND EFFECT AS IF BOUND OR COPIED DIRECTLY INTO THE CONTRACT DOCUMENTS TO THE EXTENT REFERENCED. SUCH
- STANDARDS ARE MADE A PART OF THE CONTRACT DOCUMENTS BY REFERENCE. B. PUBLICATION DATES: COMPLY WITH STANDARDS IN EFFECT AS OF DATE OF THE CONTRACT DOCUMENTS UNLESS OTHERWISE INDICATED.
- C. COPIES OF STANDARDS: EACH ENTITY ENGAGED IN CONSTRUCTION ON PROJECT SHOULD BE FAMILIAR WITH INDUSTRY STANDARDS APPLICABLE TO ITS CONSTRUCTION ACTIVITY. COPIES OF APPLICABLE STANDARDS ARE NOT BOUND
- WITH THE CONTRACT DOCUMENTS. 1. WHERE COPIES OF STANDARDS ARE NEEDED TO PERFORM A REQUIRED CONSTRUCTION ACTIVITY, OBTAIN COPIES DIRECTLY FROM PUBLICATION

1.2 ABBREVIATIONS AND ACRONYMS

A. INDUSTRY ORGANIZATIONS: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS. THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.

ACI AMERICAN CONCRETE INSTITUTE AHA AMERICAN HARDBOARD ASSOCIATION AITC AMERICAN INSTITUTE OF TIMBER CONSTRUCTION AMERICAN NATIONAL STANDARDS INSTITUTE APA APA - THE ENGINEERED WOOD ASSOCIATION ASHRAE AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS ASTM ASTM INTERNATIONAL (AMERICAN SOCIETY FOR TESTING AND MATERIALS INTERNATIONAL) AWI ARCHITECTURAL WOODWORK INSTITUTE AWPA AMERICAN WOOD PROTECTION ASSOCIATION (FORMERLY: AMERICAN WOOD PRESERVERS' ASSOCIATION) CRI CARPET AND RUG INSTITUTE (THE) COOL ROOF RATING COUNCIL CRRC CANADIAN STANDARDS ASSOCIATION CSA CSA INTERNATIONAL (FORMERLY: IAS - INTERNATIONAL APPROVAL SERVICES) CSI CONSTRUCTION SPECIFICATIONS INSTITUTE (THE) ETL SEMCO INTERTEK ETL SEMCO (FORMERLY: ITS - INTERTEK TESTING SERVICE NA) FM GLOBAL FM GLOBAL (FORMERLY: FMG - FM GLOBAL) FOREST STEWARDSHIP COUNCIL FSC HPVA HARDWOOD PLYWOOD & VENEER ASSOCIATION ISO INTERNATIONAL ORGANIZATION FOR STANDARDIZATION ITS INTERTEK TESTING SERVICE NA (NOW ETL SEMCO) MFMA MAPLE FLOORING MANUFACTURERS ASSOCIATION, INC. MPI MASTER PAINTERS INSTITUTE NFPA NFPA (NATIONAL FIRE PROTECTION ASSOCIATION) NOFMA NOFMA: THE WOOD FLOORING MANUFACTURERS ASSOCIATION (FORMERLY: NATIONAL OAK FLOORING MANUFACTURERS ASSOCIATION) INTERTAK

STEEL DOOR INSTITUTE **SMACNA** SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL

ASSOCIATION UNDERWRITERS LABORATORIES INC. USGBC U.S. GREEN BUILDING COUNCIL WEST COAST LUMBER INSPECTION BUREAU WCLIB

B. CODE AGENCIES: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST

DEUTSCHES INSTITUT FUR NORMUNG E.V. INTERNATIONAL CODE COUNCIL ICC EVALUATION SERVICE, INC.

C. FEDERAL GOVERNMENT AGENCIES: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.

ENVIRONMENTAL PROTECTION AGENCY

D. STANDARDS AND REGULATIONS: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE STANDARDS AND REGULATIONS IN THE FOLLOWING LIST.

ADAAG AMERICANS WITH DISABILITIES ACT (ADA) ARCHITECTURAL BARRIERS ACT (ABA) ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES AVAILABLE FROM U.S. ACCESS BOARD CODE OF FEDERAL REGULATIONS

E. STATE GOVERNMENT AGENCIES: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.

AVAILABLE FROM GOVERNMENT PRINTING OFFICE

CALIFORNIA DEPARTMENT OF HEALTH SERVICES CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, INDOOR AIR QUALITY SECTION

END OF SECTION 014200

GENERAL CONDITIONS

SECTION 017419 - CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL

- 1.1 SUMMARY . SALVAGING NON-HAZARDOUS DEMOLITION AND CONSTRUCTION WASTE. RECYCLING NON-HAZARDOUS DEMOLITION AND CONSTRUCTION WASTE
- C. DISPOSING OF NON-HAZARDOUS DEMOLITION AND CONSTRUCTION WASTE.

A. CONSTRUCTION WASTE: BUILDING AND SITE IMPROVEMENT MATERIALS AND OTHER SOLID WASTE RESULTING FROM CONSTRUCTION, REMODELING, RENOVATION, OR REPAIR OPERATIONS. CONSTRUCTION WASTE INCLUDES

B. DEMOLITION WASTE: BUILDING AND SITE IMPROVEMENT MATERIALS RESULTING

FROM DEMOLITION OR SELECTIVE DEMOLITION OPERATIONS. C. DISPOSAL: REMOVAL OFF-SITE OF DEMOLITION AND CONSTRUCTION WASTE AND SUBSEQUENT SALE, RECYCLING, REUSE, OR DEPOSIT IN LANDFILL OR INCINERATOR ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

D. RECYCLE: RECOVERY OF DEMOLITION OR CONSTRUCTION WASTE FOR SUBSEQUENT PROCESSING IN PREPARATION FOR REUSE . SALVAGE: RECOVERY OF DEMOLITION OR CONSTRUCTION WASTE AND

SUBSEQUENT SALE OR REUSE IN ANOTHER FACILITY. F. SALVAGE AND REUSE: RECOVERY OF DEMOLITION OR CONSTRUCTION WASTE AND SUBSEQUENT INCORPORATION INTO THE WORK.

1.3 ACTION SUBMITTALS

A. WASTE MANAGEMENT PLAN: SUBMIT PLAN WITHIN 7 DAYS OF DATE ESTABLISHED FOR COMMENCEMENT OF THE WORK.

1. TYPES AND QUANTITIES OF DEMOLITION AND CONSTRUCTION WASTE. 2. TYPE OF WASTE AND WHETHER IT WILL BE SALVAGED, RECYCLED, OR DISPOSED OF IN LANDFILL OR INCINERATOR.

NET ADDITIONAL COST OR NET SAVINGS RESULTING FROM WASTE MANAGEMENT PLAN.

1.4 INFORMATION SUBMITTALS

A. WASTE REDUCTION PROGRESS REPORTS: CONCURRENT WITH EACH APPLICATION FOR PAYMENT. SUBMIT REPORT INDICATING TYPE OF WASTE AND WHETHER IT HAS BEEN SALVAGED, RECYCLED, OR DISPOSED OF IN LANDFILL OR INCINERATOR.

B. WASTE DISPOSAL RECORDS: INDICATE RECEIPT AND ACCEPTANCE OF WASTE MATERIAL BY ACCEPTING AND PROCESSING FACILITIES LICENSED TO ACCEPT THEM. INCLUDE MANIFESTS, TYPE OF MATERIAL, WEIGHT OR VOLUME TICKETS RECEIPTS AND INVOICES.

C. LEED SUBMITTAL: CWM REPORTING TEMPLATE, TABULATING TOTAL WASTE MATERIAL. QUANTITIES DIVERTED AND MEANS BY WHICH IT IS DIVERTED, AND STATEMENT THAT REQUIREMENTS FOR THE CREDIT HAVE BEEN MET.

1.5 RECYCLING WASTE A. RECYCLING INCENTIVES: REVENUES AND OTHER INCENTIVES FOR RECYCLING WILL

END OF SECTION 017419

EXISTING CONDITIONS

ACCRUE TO OWNER.

SECTION 024119 - SELECTIVE DEMOLITION

1.1 SUMMARY A. DEMOLITION AND REMOVAL OF PORTIONS OF A BUILDING OR STRUCTURE AND

SELECTED SITE ELEMENTS. B. HISTORIC ITEMS REMOVED AND SALVAGED FOR OWNER.

1.2 SUBMITTALS

- A. SCHEDULE OF SELECTIVE DEMOLITION ACTIVITIES: INDICATE THE FOLLOWING: DETAILED SEQUENCE OF SELECTIVE DEMOLITION AND REMOVAL WORK, WITH STARTING AND ENDING DATES FOR EACH ACTIVITY. ENSURE OWNER'S BUILDING MANAGER'S AND OTHER TENANTS' ON-SITE OPERATIONS ARE UNINTERRUPTED
- 2. INTERRUPTION OF UTILITY SERVICES. INDICATE HOW LONG UTILITY SERVICES WILL BE INTERRUPTED.
- 3. COORDINATION FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES.

4 LISE OF ELEVATOR AND STAIRS

5. COORDINATION OF OWNER'S CONTINUING OCCUPANCY OF PORTIONS OF EXISTING BUILDING AND OF OWNER'S PARTIAL OCCUPANCY OF COMPLETED

1.3 PROJECT CONDITIONS

A. OWNER WILL **NOT** OCCUPY PORTIONS OF BUILDING IMMEDIATELY ADJACENT TO

SELECTIVE DEMOLITION AREA. B. HAZARDOUS MATERIALS: UNKNOWN WHETHER HAZARDOUS MATERIALS WILL BE ENCOUNTERED. IF ENCOUNTERED, OWNER WILL REMOVE HAZARDOUS MATERIALS UNDER A SEPARATE CONTRACT.

1.4 EXECUTION

- A. UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS: 1. MAINTAIN SERVICES/SYSTEMS INDICATED TO REMAIN AND PROTECT FROM
- 2. IF SERVICES/SYSTEMS ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE TEMPORARY SERVICES/SYSTEMS THAT BYPASS AREA OF SELECTIVE DEMOLITION AND THAT MAINTAIN CONTINUITY OF SERVICES/SYSTEMS TO OTHER PARTS OF BUILDING.
- 3. SHUT OFF: BY CONTRACTOR. B. SITE ACCESS AND TEMPORARY CONTROLS: MINIMUM INTERFERENCE WITH ROADS. STREETS, WALKS, WALKWAYS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
- . TEMPORARY FACILITIES: PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO
- ADJACENT BUILDINGS AND FACILITIES TO REMAIN. D. TEMPORARY SHORING: PROVIDE AND MAINTAIN SHORING, BRACING, AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF CONSTRUCTION AND FINISHES TO REMAIN, AND TO PREVENT UNEXPECTED OR UNCONTROLLED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED.
- REMOVED AND SALVAGED ITEMS: CLEANED, CRATED, STORED, AND TRANSPORTED TO OWNER'S **OFF**-SITE STORAGE AREA.
- . REMOVED AND REINSTALLED ITEMS: CLEANED, REPAIRED, CRATED, STORED, AND REINSTALLED.
- G. EXISTING ITEMS TO REMAIN: EXISTING CONSTRUCTION PROTECTED AGAINST DAMAGE
- H. DISPOSAL OF DEMOLISHED ITEMS: 1. BURNING: NOT PERMITTED.
 - DISPOSAL: COMPLY WITH REQUIREMENTS SECTION 017419 "CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL"

END OF SECTION 024119

MASONRY

SECTION 047300 - MANUFACTURED MASONRY VENEER

PART 1 - GENERAL

1.1 SUMMARY A. Section Includes: Portland cement based manufactured stone veneer and trim. 1.2 REFERENCES

A. American National Standards Institute (ANSI):

1. ANSI A118.4 Specifications for Latex-Portland Cement Mortar.

B. American Society for Testing and Materials (ASTM): ASTM C 67 - Standard Test Methods for Sampling and Testing Brick and Structural Clay

ASTM C 144 - Standard Specification for Aggregate for Masonry Mortar. ASTM C 270 - Standard Specification for Mortar for Unit Masonry.

ASTM C 847 - Standard Specification for Metal Lath.

5. ASTM C 932 – Standard Specification for Surface-Applied Bonding Compounds for Exterior Plastering. 6. ASTM C1063 - Standard Specification for Installation of Lathing and Furring to Receive

Interior and Exterior Portland Cement-Based Plaster ASTM C578 – Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation 8. ASTM C1289 – Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board

C. Underwriter's Laboratory (UL): Building Materials Directory.

1.3 SUBMITTALS A. Reference Section 01 33 00-Submittal Procedures; submit following items:

 Product Data. Samples: a. Standard sample board consisting of small-scale pieces of veneer units showing full range of textures and colors.

b. Full range of mortar colors. 3. Quality Assurance/Control Submittals:

a. Qualifications: Proof of manufacturer qualifications.

2) Proof of installer qualifications. Regulatory Requirements: Evaluation reports.

B. Field Sample: 1. Prepare 4 by 4 foot sample at a location on the structure as selected by the Architect. Use approved selection sample materials and colors. Obtain Architect's approval.

Protect and retain sample as a basis for approval of completed manufactured stone work. Approved sample may be incorporated into completed work. 1.4 PROJECT/SITE CONDITIONS

A. Environmental Requirements: When air temperature is 40 degrees F (4.5 degrees C) or below. consult local building code for Cold-Weather Construction requirements.

A. Special Warranty: Manufacturer's standard warranty coverage against defects in materials when installed in accordance with manufacturer's installation instructions. PART 2 - PRODUCTS 2.1 MANUFACTURER

A. Robinson Rock / General shale: Basis of Design B. Eldorado Stone,

C. Sunset Stone D. Coronado Stone Products

2.2 MATERIALS A. Stone Veneer:

. Profile: Match Existing. Include matching corner pieces. 2. Stone Accents: Split Edge Sill, Split Edge Wall Caps

a. Color: Match Existing

B. Veneer Unit properties: Precast veneer units consisting of portland cement, lightweight aggregates, and mineral oxide pigments.

Compressive Strength: ASTM C 192 and ASTM C 39, 5 sample average: greater than 1,800 psi (12.4MPa).

2. Shear Bond: ASTM C 482: 50 psi (345kPa), minimum. 3. Freeze-Thaw Test: ASTM C 67: Less than 3 percent weight loss and no disintegration.

4. Thermal Resistance: ASTM C 177: 0.473 at 1.387 inches thick 5. Weight per square foot: 2012 IBC and 2012 IRC, ASTM C1670, 15 pounds, saturated. PART 3 - EXECUTION

3.1 EXAMINATION A. Examine substrates upon which work will be installed. 3. Coordinate with responsible entity to perform corrective work on unsatisfactory substrates. C. Commencement of work by installer is acceptance of substrate.

3.2 PREPARATION A. Protection: Protect adjacent work from contact with mortar. B. Surface Preparation: Prepare substrate in accordance with manufacturer's installation instructions for the type of substrate being covered

3.3 INSTALLATION A. Install and clean stone in accordance with manufacturer's installation instructions for Standard Installation (Grouted Joint) or Jointless/Dry-Stacked installation as specified above. B. Apply repellent in accordance with repellent manufacturer's application instructions.

3.4 CLEANING A. Remove protective coverings from adjacent work.

B. Cleaning Veneer Units: Wash with soft bristle brush and water/granulated detergent solution . Rinse immediately with clean water

C. Removing Effloresence: Allow veneer to dry thoroughly

2. Scrub with soft bristle brush and clean water 3. Rinse immediately with clean water; allow to dry

4. If efflorescence is still visible, contact ES Customer Service for assistance

END OF SECTION 047300

METALS

SECTION 055000 - METAL FABRICATIONS

1.1 SUMMARY A. STEEL FRAMING AND SUPPORTS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. B. STEEL FRAMING AND SUPPORTS FOR APPLICATIONS WHERE FRAMING AND

SUPPORTS ARE NOT SPECIFIED IN OTHER SECTIONS. C. SHELF ANGLES.

D. METAL BOLLARDS.

1.2 SUBMITTALS

A. PRODUCT DATA: FOR THE FOLLOWING: PAINT PRODUCTS.

2. GROUT.

3. ALL PREFABRICATED PRODUCTS. B. SHOP DRAWINGS: SHOW FABRICATION AND INSTALLATION DETAILS FOR METAL

1. INCLUDE PLANS, ELEVATIONS, SECTIONS, AND DETAILS OF METAL FABRICATIONS AND THEIR CONNECTIONS. SHOW ANCHORAGE AND

ACCESSORY ITEMS. 2. PROVIDE TEMPLATES FOR ANCHORS AND BOLTS SPECIFIED FOR INSTALLATION UNDER OTHER SECTIONS.

C. WELDING CERTIFICATES.

1.3 PRODUCTS A. MATERIALS: STEEL PLATES, SHAPES, AND BARS, STEEL PIPE, SLOTTED CHANNEL 1. LOW-EMITTING PRIMER: METAL PRIMER SHALL HAVE A VOC CONTENT OF

200 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24). B. MISCELLANEOUS FRAMING AND SUPPORTS: 1. STEEL FRAMING AND SUPPORTS FOR MECHANICAL AND ELECTRICAL

EQUIPMENT, APPLICATIONS WHERE FRAMING AND SUPPORTS ARE NOT SPECIFIED IN OTHER SECTIONS GALVANIZE WHERE INDICATED.

3. PRIME WITH ZINC-RICH PRIMER WHERE INDICATED. a. ZINC-RICH PRIMER SHALL HAVE A VOC CONTENT OF 340 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24). C. LOOSE STEEL LINTELS, GALVANIZED AT EXTERIOR WALLS.

D. SHELF ANGLES, GALVANIZED. E. STEEL WELD PLATES AND ANGLES NOT SPECIFIED IN OTHER SECTIONS, FOR

CASTING INTO CONCRETE F. METAL BOLLARDS: SCHEDULE 40 STEEL PIPE.

END OF SECTION 055000

WOODS AND PLASTICS

SECTION 061000 - ROUGH CARPENTRY

1.1 MATERIALS

A. WOOD-PRESERVATIVE-TREATED LUMBER: PRESERVATIVE TREATMENT: AWPA U1; USE CATEGORY UC2, BUT USE CATEGORY UC3B FOR EXTERIOR CONSTRUCTION AND USE CATEGORY UC4A

FOR ITEMS IN CONTACT WITH THE GROUND a. PRESERVATIVE CHEMICALS: CONTAINING NO ARSENIC OR CHROMIUM. DO NOT USE INORGANIC BORON (SBX) FOR SILL PLATES.

2. APPLICATION: ITEMS INDICATED AND AS FOLLOWS: a. ITEMS IN CONTACT WITH ROOFING OR WATERPROOFING.

b. ITEMS IN CONTACT WITH CONCRETE OR MASONRY. c. FRAMING LESS THAN 18 INCHES (460 MM) ABOVE GROUND IN CRAWLSPACES.

d. FLOOR PLATES INSTALLED OVER CONCRETE SLABS-ON-GRADE. B. DIMENSION LUMBER FRAMING: 1. EXPOSED FRAMING: HAND-SELECTED FOR APPEARANCE AND FREEDOM FROM DECAY, HONEYCOMB, KNOT-HOLES, SHAKE, SPLITS, TORN GRAIN AND WANE.

a. APPLICATION: EXPOSED EXTERIOR AND INTERIOR FRAMING INDICATED TO RECEIVE A STAINED OR NATURAL FINISH. b. SPECIES AND GRADE: AS INDICATED FOR LOAD-BEARING CONSTRUCTION. C. ENGINEERED WOOD PRODUCTS, GENERAL: PRODUCTS LOCATED WITHIN THE

BUILDING WEATHERPROOFING SYSTEM SHALL CONTAIN NO ADDED UREA RMALDEHYDE. D. SHEAR WALL PANELS, GENERAL: PRODUCTS LOCATED WITHIN THE BUILDING WEATHERPROOFING SYSTEM SHALL CONTAIN NO ADDED UREA FORMALDEHYDE.

E. FASTENERS: **HOT-DIP GALVANIZED** STEEL WHERE EXPOSED TO

WEATHER, IN GROUND CONTACT, IN CONTACT WITH TREATED WOOD, OR IN AREA OF HIGH RELATIVE HUMIDITY. F. METAL FRAMING ANCHORS:

1. HOT-DIP GALVANIZED STEEL FOR INTERIOR LOCATIONS. HOT-DIP, HEAVY-GALVANIZED STEEL FOR TREATED LUMBER AND WHERE INDICATED.

CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).

3. STAINLESS STEEL FOR EXTERIOR AND WHERE INDICATED. G. MISCELLANEOUS MATERIALS: SILL-SEALER GASKETS: [GLASS-FIBER INSULATION] [NEOPRENE FOAM]. 2. ADHESIVES SHALL HAVE A VOC CONTENT OF 70 G/L OR LESS WHEN

END OF SECTION 061000

WOODS AND PLASTICS

SECTION 061053 - MISCELLANEOUS ROUGH CARPENTRY

1.1 MATERIALS A. WOOD-PRESERVATIVE-TREATED MATERIALS: PRESERVATIVE TREATMENT: AWPA U1: USE CATEGORY UC2.

a. PRESERVATIVE CHEMICALS: CONTAINING NO ARSENIC OR CHROMIUM. DO NOT USE INORGANIC BORON (SBX) FOR SILL PLATES.

2. APPLICATION: ITEMS INDICATED AND THE FOLLOWING a. ITEMS IN CONTACT WITH ROOFING OR WATERPROOFING. b. ITEMS IN CONTACT WITH CONCRETE OR MASONRY.

c. FRAMING LESS THAN 18 INCHES (460 MM) ABOVE GROUND IN CRAWLSPACES. d. FLOOR PLATES INSTALLED OVER CONCRETE SLABS-ON-GRADE.

B. FIRE-RETARDANT-TREATED MATERIALS: EXTERIOR TYPE FOR EXTERIOR LOCATIONS AND WHERE INDICATED.

INTERIOR TYPE A UNLESS OTHERWISE INDICATED. 3. APPLICATION: ITEMS INDICATED AND THE FOLLOWING:

a. FRAMING FOR RAISED PLATFORMS. b. CONCEALED BLOCKING.

ROOF FRAMING AND BLOCKING. d. ITEMS IN CONTACT WITH ROOFING. e. PLYWOOD BACKING PANELS.

1. NON-LOAD-BEARING INTERIOR PARTITIONS: CONSTRUCTION OR NO. 2

D. MISCELLANEOUS LUMBER: DIMENSION LUMBER: CONSTRUCTION OR NO. 2 GRADE. 2. UTILITY SHELVING: 19 PERCENT MAXIMUM MOISTURE CONTENT 3. CONCEALED BOARDS: 19 PERCENT MAXIMUM MOISTURE CONTENT

E. PLYWOOD BACKING PANELS: EXPOSURE 1, C-D PLUGGED. F. FASTENERS: HOT-DIP GALVANIZED STEEL WHERE EXPOSED TO WEATHER, IN GROUND CONTACT, IN CONTACT WITH TREATED WOOD, OR IN AREA OF HIGH RELATIVE HUMIDITY.

G. METAL FRAMING ANCHORS: METAL: GALVANIZED STEEL; HOT-DIP HEAVY GALVANIZED STEEL FOR

WOOD-PRESERVATIVE-TREATED LUMBER AND WHERE INDICATED. H. ADHESIVES: ADHESIVES SHALL HAVE A VOC CONTENT OF 70 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).

ACTUAL-SIZE) FURRING AT 16 INCHES (406 MM) O.C.

SIZE (19-BY-63-MM ACTUAL-SIZE) FURRING AT 24 INCHES (610 MM) O.C.

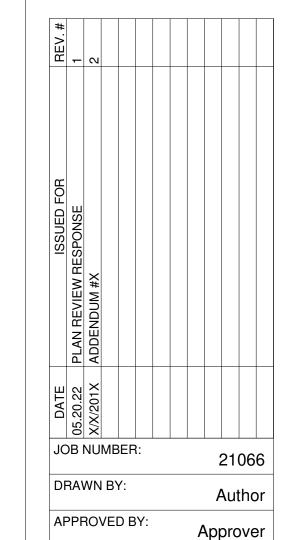
B. FURRING TO RECEIVE GYPSUM BOARD: 1-BY-2-INCH NOMINAL-SIZE (19-BY-38-MM

1.2 INSTALLATION A. FURRING TO RECEIVE PLYWOOD OR HARDBOARD PANELING: 1-BY-3-INCH NOMINAL-

END OF SECTION 061053

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SHEET TITLE: **SPECIFICATIONS**

Original drawing is 24" x 36" | Scale entities

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PROFESSIONAL SEAL

WOODS AND PLASTICS

SECTION 064000 - INTERIOR ARCHITECTURAL WOODWORK

- 1.1 SUMMARY INTERIOR STANDING AND RUNNING TRIM.
- B. FLUSH WOOD PANELING AND WAINSCOTS. C. MELAMINE CABINETS.
- D. SOLID-SURFACING-MATERIAL COUNTERTOPS. E. CLOSET AND UTILITY SHELVING.
- 1.2 QUALITY ASSURANCE

A. QUALITY STANDARD: AWI.

1.3 MATERIALS

- A. WOOD PRODUCTS: COMPLY WITH THE FOLLOWING: HARDBOARD: AHA A135.4. MADE WITH BINDER CONTAINING NO UREA
- FORMALDEHYDE. 2. MEDIUM-DENSITY FIBERBOARD: ANSI A208.2, GRADE 130, MADE WITH BINDER
- CONTAINING NO UREA FORMALDEHYDE. 3. MOISTURE RESISTANT MEDIUM-DENSITY FIBERBOARD: ANSI A208.2, GRADE MD,
- MR50, MADE WITH BINDER CONTAINING NO UREA FORMALDEHYDE.
- 4. STRAW-BASED PARTICLEBOARD: ANSI A208.1, GRADE M-2, EXCEPT FOR DENSITY, MADE WITH ADHESIVE CONTAINING NO UREA FORMALDEHYDE.
- SOFTWOOD PLYWOOD: DOC PS 1 VENEER-FACED PANEL PRODUCTS (HARDWOOD PLYWOOD): HPVA HP-1,
- MADE WITH ADHESIVE CONTAINING NO UREA FORMALDEHYDE.
- B. ADHESIVES, GENERAL: DO NOT USE ADHESIVES THAT CONTAIN UREA FORMAL DEHYDE
- C. VOC LIMITS FOR INSTALLATION ADHESIVES AND GLUES: USE INSTALLATION ADHESIVES THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24):
- WOOD GLUES: 30 G/L PANEL ADHESIVE: 50 G/L
- MULTIPURPOSE CONSTRUCTION ADHESIVE: 70 G/L
- 4. CONTACT ADHESIVE: 80 G/L. a. SPECIAL PURPOSE: 250 G/L
- D. CLOSET AND UTILITY SHELVING: GRADE: ECONOMY.
- 2. SHELF MATERIAL: 3/4-INCH(19-MM) THERMOSET DECORATIVE PANEL WITH PVC OR POLYESTER EDGE BANDING.
- 3. CLEATS: 3/4-INCH(19-MM) PANEL PRODUCT E. SHOP FINISHING:
- GRADE: SAME GRADE AS WOODWORK. 2. EXTENT: ALL WOODWORK SHOP FINISHED.

1.4 INSTALLATION

- A. SCRIBE AND CUT MILLWORK TO FIT ADJOINING WORK, REFINISH CUT SURFACES, AND REPAIR DAMAGED FINISH AT CUTS.
- B. ANCHOR MILLWORK TO ANCHORS OR BLOCKING BUILT IN OR DIRECTLY ATTACHED TO SUBSTRATES. SECURE WITH COUNTERSUNK, CONCEALED FASTENERS AND BLIND NAILING AS REQUIRED FOR COMPLETE INSTALLATION. USE FINE FINISHING NAILS OR FINISHING SCREWS FOR EXPOSED FASTENING, COUNTERSUNK AND FILLED FLUSH WITH MILLWORK AND MATCHING FINAL FINISH IF TRANSPARENT
- FINISH IS INDICATED. C. CABINETS: INSTALL WITHOUT DISTORTION SO DOORS AND DRAWERS FIT OPENINGS PROPERLY AND ARE ACCURATELY ALIGNED. ADJUST HARDWARE TO CENTER DOORS AND DRAWERS IN OPENINGS AND TO PROVIDE UNENCUMBERED OPERATION. COMPLETE INSTALLATION OF HARDWARE AND ACCESSORY ITEMS AS
- 1. INSTALL CABINETS WITH NO MORE THAN 1/8 INCH IN 96-INCH(3 MM IN
- 2400-MM) SAG, BOW, OR OTHER VARIATION FROM A STRAIGHT LINE. D. COUNTERTOPS: ANCHOR SECURELY BY SCREWING THROUGH CORNER BLOCKS
- OF BASE CABINETS OR OTHER SUPPORTS INTO UNDERSIDE OF COUNTERTOP. ALIGN ADJACENT SOLID-SURFACING-MATERIAL COUNTERTOPS AND FORM SEAMS TO COMPLY WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS USING ADHESIVE IN COLOR TO MATCH COUNTERTOP. CAREFULLY DRESS JOINTS SMOOTH, REMOVE SURFACE SCRATCHES, AND CLEAN ENTIRE
- 2. INSTALL COUNTERTOPS WITH NO MORE THAN 1/8 INCH IN 96-INCH (3 MM IN 2400-MM) SAG, BOW, OR OTHER VARIATION FROM A STRAIGHT LINE.
- 3. SECURE COVED BACKSPLASHES TO TOPS PER MANUFACTURES FABRICATION MANUAL AND TO WALLS WITH ADHESIVE.
- 4. CALK SPACE BETWEEN BACKSPLASH AND WALL WITH SEALANT SPECIFIED IN DIVISION 7 SECTION "JOINT SEALANTS."

END OF SECTION 064000

WOODS AND PLASTICS

SECTION 064400 - PLASTIC PANELING

PART 1 - GENERAL 1.1 SUMMARY

- A. SECTION INCLUDES THE FOLLOWING:
 - GLASS-FIBER REINFORCED PLASTIC (FRP) WALL PANELING. 2. MOLDING, ADHESIVES, AND JOINT SEALANTS.

1.2 PLASTIC SHEET PANELING

- A. GLASS-FIBER-REINFORCED PLASTIC PANELING: GELCOAT-FINISHED, GLASS-FIBER REINFORCED PLASTIC PANELS COMPLYING WITH ASTM D 5319.
- 1. LOW-EMITTING MATERIALS: PANELING SHALL COMPLY WITH THE TESTING AND PRODUCT REQUIREMENTS OF THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES' "STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL
- CHAMBERS."
- 2. NOMINAL THICKNESS: NOT LESS THAN 0.09 INCHES. 3. COLOR: WHITE, MIN. 70% LRV.
- 4. MOLDING COLOR: WHITE, MIN. 70% LRV.
- 5. SURFACE FINISH: MOLDED PEBBLE TEXTURE B. UNREINFORCED POLYPROPYLENE PANELING: SOLID POLYPROPYLENE PANELS
- MADE FROM NO LESS THAN 80 PERCENT RECYCLED MATERIAL 1. LOW-EMITTING MATERIALS: PANELING SHALL COMPLY WITH THE TESTING AND PRODUCT REQUIREMENTS OF THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH'S (FORMERLY, THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES') "STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE

ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING

- **ENVIRONMENTAL CHAMBERS."** NOMINAL THICKNESS: NOT LESS THAN 0.09 INCHES.
- COLOR: WHITE, MIN. 70% LRV.
- MOLDING COLOR: WHITE, WHITE, MIN. 70% LRV. 5. SURFACE FINISH: MOLDED PEBBLE TEXTURE.

A. AS RECOMMENDED BY PLASTIC PANELING MANUFACTURER. VOC LIMIT: 50 G/L.

1.4 ACCESSORIES

A. TRIM ACCESSORIES: MANUFACTURER'S STANDARD ONE-PIECE VINYL EXTRUSIONS DESIGNED TO RETAIN AND COVER EDGES OF PANELS. PROVIDE DIVISION BARS. INSIDE CORNERS, OUTSIDE CORNERS, AND CAPS AS NEEDED TO CONCEAL EDGES.

END OF SECTION 064400

COLOR: WHITE.

THERMAL AND MOISTURE PROTECTION

1.1 SUMMARY

- A. APPLICATIONS: PERIMETER INSULATION UNDER SLABS-ON-GRADE.
 - . PERIMETER WALL INSULATION (SUPPORTING BACKFILL). . CONCEALED BUILDING INSULATION.
 - VAPOR RETARDERS.
- 5. SOUND ATTENUATION INSULATION.

1.2 PERFORMANCE REQUIREMENTS

A. PLENUM RATING: GLASS ROCK-WOOL-FIBER INSULATION RATED FOR RESISTANCE AGAINST EROSION AND MOLD GROWTH PER UL 181.

SECTION 072100 - BUILDING INSULATION

1.3 MATERIALS

A. INSULATION:

- 1. ALL INSULATION MATERIALS LOCATED WITHIN THE WATERPROOF MEMBRANE MUST BE CERTIFIED AS LOW EMITTING. CERTIFICATION MUST BE BASED UPON THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS, INCLUDING 2004 ADDENDA OR A JURISDICTIONALLY RECOGNIZED STANDARD USING EQUIVALENT TESTING
- METHODOLOGIES AND VOC THRESHOLDS. B. VAPOR RETARDERS: [POLYETHYLENE] [REINFORCED POLYETHYLENE] FOIL-POLYESTER FILM.

END OF SECTION 072100

THERMAL AND MOISTURE PROTECTION

SECTION 072500 - WEATHER BARRIERS

- 1.1 MATERIALS A. [BUILDING PAPER: NO. 15 ASPHALT-SATURATED ORGANIC FELT. UNPERFORATED.] [BUILDING PAPER: WATER-VAPOR-PERMEABLE.][BUILDING WRAP: WITH FLAME
- SPREAD AND SMOKE-DEVELOPED INDEXES OF LESS THAN 25 AND 450, RESPECTIVELY, WHEN TESTED ACCORDING TO ASTM E 84; UV STABILIZED; AND **ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.**]
- B. BUILDING-WRAP TAPE: PRESSURE-SENSITIVE PLASTIC TAPE RECOMMENDED BY BUILDING-WRAP MANUFACTURER FOR SEALING JOINTS AND PENETRATIONS IN

C. FLEXIBLE FLASHING: [BUTYL RUBBER] [OR] [RUBBERIZED ASPHALT].

END OF SECTION 072500

THERMAL AND MOISTURE PROTECTION

SECTION 074113.16 - STANDING-SEAM METAL ROOF PANELS

PART 1 - GENERAL

- 1.1 SUMMARY A. Section includes standing-seam metal roof panels.
- 1.2 PREINSTALLATION MEETINGS A. Preinstallation Conference: Conduct conference at Project Site
- 1.3 ACTION SUBMITTALS
 - A. Product Data: For each type of product. 1. Include construction details, material descriptions, dimensions of individual components
- - and profiles, and finishes for each type of panel and accessory.
- B. Shop Drawings:
- 1. Include fabrication and installation layouts of metal panels; details of edge conditions, joints, panel profiles, corners, anchorages, attachment system, trim, flashings, closures, and accessories; and special details.
- 2. Accessories: Include details of the flashing, trim, and anchorage systems, at a scale of not less than 3 inches per 12 inches. C. Calculations:
- 1. Include calculations with registered engineer seal, verifying roof panel and attachment method resist wind pressures imposed on it pursuant to applicable building codes. Samples for Verification: For each type of exposed finish required, prepared on Samples of size
- indicated below. 1. Metal Panels: 12 inches long by actual panel width. Include clips, fasteners, closures, and other metal panel accessories.
- 1.4 QUALITY ASSURANCE A. Manufacturer Qualifications: Company specializing in architectural sheet metal products. B. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by manufacturer.

PART 2 - PRODUCTS

- 2.1 STANDING-SEAM METAL ROOF PANELS A. General: Provide factory-formed metal roof panels designed to be installed by lapping and interconnecting raised side edges of adjacent panels with joint type indicated and mechanically attaching panels to supports using concealed clips in side laps. Include clips, cleats, pressure plates, and accessories required for weathertight installation.
- 1. Steel Panel Systems: Unless more stringent requirements are indicated, comply with ASTM E 1514.
- B. Vertical-Rib, Batten Seamed Joint, Standing-Seam Metal Roof Panels: Formed with vertical ribs at panel edges and a flat pan between ribs; designed for sequential installation by mechanically attaching panels to supports using concealed clips located under one side of the panels, aligning vertical ribs and snapping on batten seam cap.
- 1. Basis-of-Design Product: Subject to compliance with requirements, provide Berridge Manufacturing Company; Tee-Panel or comparable product by one of the following:
- 2. Metallic-Coated Steel Sheet: Aluminum-zinc alloy-coated steel sheet complying with ASTM A 792/A 792M, Class AZ50 coating designation; structural quality. Prepainted by the coil-coating process to comply with ASTM A 755/A 755M.
- a. Nominal Thickness:.029 inch Exterior Finish: Two-coat fluoropolymer
- c. Painted materials shall have a removable plastic film to protect the paint during roll forming, shipping and handling.
- d. Color: As selected by Architect from manufacturer's full range. 2.2 UNDERLAYMENT MATERIALS
- A. Self-Adhering, High-Temperature Underlayment: Provide self-adhering, cold-applied, sheet underlayment, a minimum of 40 mils thick, consisting of slip-resistant, polyethylene-film top surface laminated to a layer of butyl or SBS-modified asphalt adhesive, with release-paper backing. Provide primer when recommended by underlayment manufacturer.
- 2.3 MISCELLANEOUS MATERIALS A. Panel Accessories: Provide components required for a complete, weathertight panel system including trim, copings, fasciae, mullions, sills, corner units, clips, flashings, sealants, gaskets,
- fillers, closure strips, and similar items. Match material and finish of metal panels unless Closures: Provide closures at eaves and ridges, fabricated of same metal as metal panels. 2. Backing Plates: Provide metal backing plates at panel end splices, fabricated from material
- recommended by manufacturer. B. Flashing and Trim: Provide flashing and trim formed from same material as metal panels as required to seal against weather and to provide finished appearance. Locations include, but are not limited to, eaves, rakes, corners, bases, framed openings, ridges, fasciae, and fillers. Finish flashing and trim with same finish system as adjacent metal panels.
- C. Gutters: Formed from same material as roof panels, complete with end pieces, outlet tubes. and other special pieces as required. Fabricate in minimum 96-inch long sections, of size and metal thickness according to SMACNA's "Architectural Sheet Metal Manual." Furnish gutter supports spaced a maximum of 36 inches o.c., fabricated from same metal as gutters. Provide wire ball strainers of compatible metal at outlets. Finish gutters to match roof fascia and rake
- D. Downspouts: Formed from same material as roof panels. Fabricate in 10-foot long sections. complete with formed elbows and offsets, of size and metal thickness according to SMACNA's "Architectural Sheet Metal Manual." Finish downspouts to match gutters.

PART 3 - EXECUTION

- 3.1 PREPARATION A. Miscellaneous Supports: Install subframing, furring, and other miscellaneous panel support members and anchorages according to ASTM C 754 and metal panel manufacturer's written recommendations
- 3.2 UNDERLAYMENT INSTALLATION A. Self-Adhering Sheet Underlayment: Apply primer if required by manufacturer. Comply with temperature restrictions of underlayment manufacturer for installation. Apply at locations indicated on Drawings, wrinkle free, in shingle fashion to shed water, and with end laps of not less than 6 inches staggered 24 inches between courses. Overlap side edges not less than 36
- underlayment product manufacturer. 3.3 METAL PANEL INSTALLATION A. General: Install metal panels according to manufacturer's written instructions in orientation, sizes, and locations indicated. Install panels perpendicular to supports unless otherwise indicated. Anchor metal panels and other components of the Work securely in place, with

inches. Roll laps with roller. Cover underlayment within 14 days or as directed by the

- provisions for thermal and structural movement. B Fasteners: 1. Steel Panels: Use stainless-steel fasteners for surfaces exposed to the exterior; use
- galvanized-steel fasteners for surfaces exposed to the interior. Aluminum Panels: Use stainless-steel fasteners for surfaces exposed to the exterior; use
- stainless-steel fasteners for surfaces exposed to the interior. C. Standing-Seam Metal Roof Panel Installation: Fasten metal roof panels to supports with concealed clips at each standing-seam joint at location, spacing, and with fasteners recommended in writing by manufacturer
- Install clips to supports with self-tapping fasteners. 2. Install pressure plates, if required, at locations indicated in manufacturer's written
- installation instructions. 3. Batten Seam Joint: Nest standing seams and fasten together by installing batten seam cap and completely engage factory-applied vinyl weatherseal. D. Accessory Installation: Install accessories with positive anchorage to building and weathertight
- mounting, and provide for thermal expansion. Coordinate installation with flashings and other 1. Install components required for a complete metal panel system including trim, copings, corners, seam covers, flashings, sealants, gaskets, fillers, and similar items. Provide types indicated by metal roof panel manufacturers; or, if not indicated, types recommended by
- E. Flashing and Trim: Comply with performance requirements, manufacturer's written installation instructions, and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible, and set units true to line and level as indicated. Install work with laps, joints, and seams that will be permanently watertight and weather resistant. 1. Install exposed flashing and trim that is without buckling and tool marks, and that is true to
- line and levels indicated, with exposed edges folded back to form hems. Install sheet metal flashing and trim to fit substrates and achieve waterproof and weather-resistant performance
- 2. Expansion Provisions: Provide for thermal expansion of exposed flashing and trim. 3.4 CLEANING AND PROTECTION A. Remove temporary protective coverings and strippable films, if any, as metal panels are
- completion of metal panel installation, clean finished surfaces as recommended by metal panel manufacturer. Maintain in a clean condition during construction. B. Replace metal panels that have been damaged or have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

installed, unless otherwise indicated in manufacturer's written installation instructions. On

END OF SECTION 074113.16

metal roof panel manufacturer.

THERMAL AND MOISTURE PROTECTION

SECTION 074646.10 - FIBER CEMENT SIDING

- PART 1 GENERAL
- 1.1 SECTION INCLUDES A. Fiber cement lap siding, panels, shingle, trim, fascia, moulding, and accessories;
- 1.2 REFERENCES ASTM D3359 - Standard Test Method for Measuring Adhesion by Tape Test, Tool and
- ASTM E136 Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 degrees C.
- 1.3 SUBMITTALS Product Data: Manufacturer's data sheets on each product to be used, including:
 - Preparation instructions and recommendations Storage and handling requirements and recommendations.
 - Installation methods Shop Drawings: Provide detailed drawings of atypical non-standard applications of
- specifications provided by the manufacturer.

1.4 QUALITY ASSURANCE

- products. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and
- Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect
- Store products in manufacturer's unopened packaging until ready for installation. Store siding on edge or lay flat on a smooth level surface. Protect edges and corners from chipping. Store sheets under cover and keep dry prior to installing.
- Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.
- recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.7 WARRANTY Product Warranty: Limited, non-pro-rated product warranty.

Workmanship Warranty: Application limited warranty for 2 years. PART 2 PRODUCTS

- 2.1 MANUFACTURERS La Salle St. Suite 2000; Chicago, IL 60604; Toll Free Tel: 877-236-7526; Email:
- https://www.jameshardie.com Requests for approval of equal substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.
- 2.2 TEXTURED PANELS AND TRIM Hardie Architectural Panels as manufactured by James Hardie Building Products, Inc. A non-combustible fiber-cement panel.
 - Product Composition: Grade II, Type A, fiber-cement sheets as defined by ASTM C1186. manufactured by the Hatschek process and cured by high pressure steam autoclaving.
 - Intertek Product Listing.
- Code Compliance: International Building Code (IBC):
 - Wind Design:
 - Wood Framing Specific Gravity: 0.42 or greater unless otherwise stated.
- J Trim: Aluminum extrusion to be used as a trim at abutments; soffits, masonry,
- Inside Corner Trim: Aluminum extrusion to be used for inside corners.
- Low-Profile Outside Corner Trim: Aluminum extrusion to be used for outside
- Factory Primer: Provide factory applied universal primer. Primer: Factory primed by James Hardie.
- If framing preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- 2.5 PREPARATION
- Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- Install a water-resistive barrier is required in accordance with local building code
 - INSTALLATION HARDIE ARCHITECTURAL PANELS Install materials in strict accordance with manufacturer's installation instructions. A water-resistive barrier (WRB) is required in accordance with local building code requirements. The water-resistive barrier must be appropriately installed with penetration
- HardieWrap Weather Barrier, a non-woven non-perforated housewrap, which complies with building code requirements. When installing horizontally, a WRB with min. 90 percent drainage efficiency shall be used.
- Adjacent finished grade must slope away from the building in accordance with local building
- Do not install that product remains in contact with standing water. Installed on flat vertical wall applications only. Minimum standard panel design size is 12 x 16 inches (305 x 406 mm). Panels may be
- 2.7 FINISHING Finish factory primed siding with a minimum of one coat of high quality 100 percent acrylic or latex or oil based exterior grade paint within 180 days of installation. Follow paint manufacturer's written product recommendation and written application instructions.

A. Touch-up, repair or replace damaged products before Substantial Completion.

notched and cut to size to fit between windows, doors, corners, etc.

Reviewed for Code Compliance

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permission of the Architect is unlawful.

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APPROVED BY:

DATE:

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SPECIFICATIONS

Approver

05/24/2022

- cementitious siding materials which are outside the scope of the standard details and
- Verification Samples: For each finish product specified, two samples, minimum size 4 by 6 inches (100 by 150 mm), representing actual product, color, and patterns.
- Installer Qualifications: Minimum of 2 years experience with installation of similar
- application workmanship. Finish areas designated by Architect.
- 1.5 DELIVERY, STORAGE, AND HANDLING
- 1.6 PROJECT CONDITIONS Maintain environmental conditions (temperature, humidity, and ventilation) within limits
- Hardie Architectural Panels for 30 years.
- Acceptable Manufacturer: James Hardie Building Products, Inc., which is located at: 231 S. requestinfo (info@jameshardie.com); Web: https://www.jameshardiepros.com
- - Section 1404.10: 2009, 2012 and 2015. Section 1403.10: 2018 and 2021.
 - Manufacturer's readily available design load and exposure category tables are derived from testing in accordance with ASTM E 330. Wind speed design coefficient assumptions per Analytical Method in
- Wood Structural Sheathing Panel Specific Gravity of 0.50 or higher unless otherwise stated.
- Low-Profile Inside Corner Trim: Aluminum extrusion to be used for inside corners.
- HardieTrim Boards: Fiber cement trim for corners and windows. Can be mounted horizontally or vertically. 2.3 FINISHES
- Topcoat: Refer to Section 09 90 00 Painting and Coating and Exterior Finish
- ** EXECUTION 2.4 EXAMINATION Do not begin installation until substrates have been properly prepared.
- Clean surfaces thoroughly prior to installation.
- The water-resistive barrier must be appropriately installed with penetration and junction flashing in accordance with local building code requirements.
- and junction flashing in accordance with local building code requirements. James Hardie will assume no responsibility for water infiltration. James Hardie does manufacture
- codes typically a minimum of 6 inches (152 mm). in the first 10 ft (3.048 mm). Do not use Hardie Architectural Panels in Fascia or Trim applications.

END OF SECTION 074646.10

THERMAL AND MOISTURE PROTECTION

SECTION 075423 - THERMOPLASTIC POLYOLEFIN (TPO) ROOFING

- 1.1 SUMMARY A. MECHANICALLY FASTENED MEMBRANE ROOFING SYSTEM.
- C. ROOF INSULATION.

1.2 SUBMITTALS

A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.

B. SHOP DRAWINGS: FOR ROOFING SYSTEM. INCLUDE PLANS, ELEVATIONS,

DETAILS, AND ATTACHMENTS TO OTHER WORK. 1. BASE FLASHINGS AND MEMBRANE TERMINATIONS. 2. TAPERED INSULATION, INCLUDING SLOPES.

3. INSULATION FASTENING PATTERNS. C. INSTALLER CERTIFICATES: SIGNED BY ROOFING SYSTEM MANUFACTURER CERTIFYING THAT INSTALLER IS APPROVED, AUTHORIZED, OR LICENSED BY

MANUFACTURER TO INSTALL ROOFING SYSTEM. D. MANUFACTURER CERTIFICATES: SIGNED BY ROOFING MANUFACTURER CERTIFYING THAT ROOFING SYSTEM COMPLIES WITH REQUIREMENTS SPECIFIED IN

"PERFORMANCE REQUIREMENTS" ARTICLE. SUBMIT EVIDENCE OF MEETING PERFORMANCE REQUIREMENTS.

E. QUALIFICATION DATA: FOR INSTALLER AND MANUFACTURER. F. PRODUCT TEST REPORTS: BASED ON EVALUATION OF COMPREHENSIVE TESTS PERFORMED BY MANUFACTURER AND WITNESSED BY A QUALIFIED TESTING

AGENCY, FOR COMPONENTS OF ROOFING SYSTEM. G. WARRANTIES: SPECIAL WARRANTIES SPECIFIED IN THIS SECTION.

1.3 PERFORMANCE REQUIREMENTS

A. ROOFING SYSTEM DESIGN: UPLIFT PRESSURES CALCULATED ACCORDING TO

B. SOLAR REFLECTANCE INDEX: NOT LESS THAN 78.

1.4 EXTERIOR FIRE-TEST EXPOSURE: CLASS A.

1.5 MATERIALS

A. THERMOPLASTIC POLYOLEFIN ROOFING MEMBRANE: WHITE, FABRIC-REINFORCED THERMOPLASTIC SHEET, 60 MILS (1.5 MM) THICK.

B. SHEET FLASHING: SAME AS TPO SHEET.

C. ROOF INSULATION: PREFORMED ROOF INSULATION BOARDS MANUFACTURED OR APPROVED BY EPDM ROOFING MANUFACTURER. 1. TAPERED BOARDS: 1/4 INCH PER 12 INCHES(1:48).

1.6 INSTALLATION

A. ROOFING MEMBRANE: MECHANICALLY FASTENED. 1. ATTACHMENT METHOD FOR MECHANICALLY FASTENED: [IN SPLICE].

1.7 FIELD QUALITY CONTROL A. TESTING AGENCY: OWNER ENGAGED

END OF SECTION 075423

THERMAL AND MOISTURE PROTECTION

SECTION 076200 - SHEET METAL FLASHING AND TRIM

1.1 MATERIALS A. SHEET METALS:

COPPER SHEET: MILL FINISH.

2. STAINLESS-STEEL SHEET, TYPE 304: 4 (DIRECTIONAL SATIN) FINISH WITH SMOOTH, FLAT SURFACE.

3. METALLIC-COATED STEEL SHEET: PROVIDE ZINC-COATED (GALVANIZED) STEEL SHEET ACCORDING TO ASTM A 653/A 653M, G90 (Z275) COATING DESIGNATION; PREPAINTED BY COIL-COATING PROCESS TO COMPLY WITH ASTM A 755/A 755M. a. SURFACE: MANUFACTURER'S STANDARD CLEAR ACRYLIC COATING ON BOTH SIDES.

b. COIL-COATED FINISH: TWO-COAT FLUOROPOLYMER. B. UNDERLAYMENT: FELTS.

1.2 PRODUCTS

A. FORMED LOW-SLOPE ROOF FABRICATIONS: INCLUDING COPINGS, ROOF EXPANSION-JOINT COVERS, COUNTERFLASHING, FLASHING RECEIVERS, ROOF-PENETRATION FLASHING AND ROOF-DRAIN FLASHING.

B. FORMED WALL FABRICATIONS: INCLUDING THROUGH-WALL FLASHING, OPENING FLASHINGS IN FRAME CONSTRUCTION. AND WALL EXPANSION-JOINT COVER.

C. MISCELLANEOUS FORMED FABRICATIONS: INCLUDING EQUIPMENT SUPPORT FLASHING.

END OF SECTION 076200

THERMAL AND MOISTURE PROTECTION

SECTION 077200 - ROOF ACCESSORIES

2. NAILER: FACTORY-INSTALLED WOOD NAILER ALONG TOP FLANGE OF CURB,

1.1 PRODUCTS

END OF SECTION 077200

A. ROOF CURBS: INSULATED. 1. HEIGHT: MINIMUM 12 INCHES (300 MM) ABOVE ROOFING SURFACE UNLESS OTHERWISE INDICATED.

CONTINUOUS AROUND CURB PERIMETER. B. EQUIPMENT SUPPORTS: RAIL TYPE.

1. HEIGHT: MINIMUM 12 INCHES (300 MM) ABOVE ROOFING SURFACE UNLESS

OTHERWISE INDICATED.

C. DUCT SUPPORTS: EXTRUDED ALUMINUM, URETHANE INSULATED.

D. PIPE PORTALS: FLASHING TYPE, FORMED ALUMINUM WITH EPDM CAPS. E. PREFORMED FLASHING SLEEVES: EXHAUST VENT FLASHING AND VENT STACK

FLASHING FABRICATED FROM ALUMINUM SHEET.

VAPOR RETARDER.

SECTION 079200 - JOINT SEALANTS

THERMAL AND MOISTURE PROTECTION

1.1 MATERIALS A. VOC CONTENT OF INTERIOR SEALANTS: PROVIDE INTERIOR SEALANTS AND SEALANT PRIMERS THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24): SEALANTS: 250 G/L.

SEALANT PRIMERS FOR NONPOROUS SUBSTRATES: 250 G/L.

SEALANT PRIMERS FOR POROUS SUBSTRATES: 775 G/L. SUITABILITY FOR CONTACT WITH FOOD: WHERE SEALANTS ARE INDICATED FOR JOINTS THAT WILL COME IN REPEATED CONTACT WITH FOOD, PROVIDE PRODUCTS

THAT COMPLY WITH 21 CFR 177.2600. C. ELASTOMERIC JOINT SEALANTS: LIQUID APPLIED, CHEMICALLY CURING;

MULTICOMPONENT NONSAG NEUTRAL-CURING SILICONE SEALANT ES-1. SINGLE-COMPONENT MILDEW-RESISTANT NEUTRAL-CURING SILICONE SEALANT 3. SINGLE-COMPONENT MILDEW-RESISTANT ACID-CURING SILICONE SEALANT

4. SINGLE-COMPONENT MILDEW-RESISTANT ACID-CURING RTV SILICONE SEALANT

MULTICOMPONENT NONSAG POLYUREA SEALANT ES-5.

6. MULTICOMPONENT NONSAG POLYUREA FILLER ES-6. D. LATEX SEALANT LS-1: COMPLY WITH ASTM C 834, TYPE P, GRADE NF. JOINT-SEALANT BACKING:

1.2 JOINT-SEALANT SCHEDULE

A. JOINT-SEALANT APPLICATION JS-1: EXTERIOR HORIZONTAL NONTRAFFIC AND TRAFFIC ISOLATION AND CONTRACTION JOINTS IN CAST-IN-PLACE CONCRETE

JOINT SEALANT: ES-5. JOINT-SEALANT APPLICATION JS-2: EXTERIOR PERIMETER JOINTS BETWEEN WALL AND FRAMES OF DOORS AND WINDOWS.

 JOINT SEALANT: ES-1. C. JOINT-SEALANT APPLICATION JS-3: EXTERIOR CONTROL AND EXPANSION JOINTS IN

HORIZONTAL TRAFFIC SURFACES OF BRICK PAVERS, CERAMIC TILE, STONE PAVING UNITS. CONCRETE TILE. JOINT SEALANT: MULTICOMPONENT POURABLE POLYSULFIDE SEALANT.

JOINT-SEALANT COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S D. JOINT-SEALANT APPLICATION JS-4: INTERIOR PERIMETER JOINTS OF EXTERIOR OPENINGS.

1. JOINT SEALANT: ES-3. E. JOINT-SEALANT APPLICATION JS-5: INTERIOR CERAMIC TILE EXPANSION, CONTROL. CONTRACTION, AND ISOLATION JOINTS IN HORIZONTAL TRAFFIC SURFACES.

JOINT SEALANT: ES-3. JOINT-SEALANT COLOR: AS NOTED.

JOINT-SEALANT APPLICATION JS-6: INTERIOR JOINTS BETWEEN PLUMBING FIXTURES AND ADJOINING WALLS, FLOORS, AND COUNTERS. JOINT SEALANT: ES-3. JOINT-SEALANT COLOR: TRANSLUCENT.

G. JOINT-SEALANT APPLICATION JS-7: VERTICAL JOINTS ON EXPOSED SURFACES OF INTERIOR PARTITIONS. 1. JOINT SEALANT: ES-3.

H. JOINT-SEALANT APPLICATION JS-8: PERIMETER JOINTS BETWEEN INTERIOR WALL SURFACES AND FRAMES OF INTERIOR DOORS, WINDOWS. JOINT SEALANT: ES-3.

JOINT-SEALANT APPLICATION JS-9: HVAC JOINTS.

JOINT SEALANT: ES-2. JOINT-SEALANT COLOR: ALUMINUM.

JOINT-SEALANT APPLICATION JS-10: NON-POROUS MATERIAL TO NON-POROUS MATERIAL JOINT SEALANT: ES-4.

2. JOINT-SEALANT COLOR: CLEAR.

END OF SECTION 079200

DOORS AND WINDOWS

SECTION 081130 – HOLLOW METAL DOORS AND FRAMES

1.1 SUMMARY A. STANDARD HOLLOW METAL DOORS AND FRAMES.

A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED. INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, CORE DESCRIPTIONS. FIRE-RESISTANCE RATING, TEMPERATURE-RISE RATINGS, AND FINISHES.

B. SHOP DRAWINGS: INCLUDE THE FOLLOWING: I. ELEVATIONS OF EACH DOOR DESIGN.

2. DETAILS OF DOORS, INCLUDING VERTICAL AND HORIZONTAL EDGE DETAILS AND METAL THICKNESSES.

3. FRAME DETAILS FOR EACH FRAME TYPE, INCLUDING DIMENSIONED PROFILES AND METAL THICKNESSES.

4. LOCATIONS OF REINFORCEMENT AND PREPARATIONS FOR HARDWARE. 5. DETAILS OF EACH DIFFERENT WALL OPENING CONDITION.

6. DETAILS OF ANCHORAGES, JOINTS, FIELD SPLICES, AND CONNECTIONS. DETAILS OF ACCESSORIES.

. DETAILS OF MOLDINGS, REMOVABLE STOPS, AND GLAZING. 9. DETAILS OF CONDUIT AND PREPARATIONS FOR POWER, SIGNAL, AND CONTROL

A. STANDARD-DUTY FRAMES: SDI A250.8, LEVEL 1. AT LOCATIONS INDICATED IN THE DOOR AND FRAME SCHEDULE.

. PHYSICAL PERFORMANCE: LEVEL C ACCORDING TO SDI A250.4. 2 FRAMES: a. MATERIALS: UNCOATED, COLD-ROLLED STEEL SHEET, MINIMUM

THICKNESS OF 0.042 INCH (1.0 MM). b. CONSTRUCTION: KNOCKED DOWN.

1.4 EXTERIOR HOLLOW-METAL DOORS AND FRAMES A. HEAVY-DUTY DOORS AND FRAMES: SDI A250.8, LEVEL 2. AT LOCATIONS

INDICATED IN THE DOOR AND FRAME SCHEDULE. 1. PHYSICAL PERFORMANCE: LEVEL B ACCORDING TO SDI A250.4, UL 752 LEVEL 2 BULLET RESISTANT.

DOORS: a. TYPE: AS INDICATED IN THE DOOR AND FRAME SCHEDULE.

b. THICKNESS: 1-3/4 INCHES (44.5 MM.)

c. FACE: METALLIC-COATED STEEL SHEET, WITH MINIMUM A40 (ZF120) COATING.

d. EDGE CONSTRUCTION: MODEL 1, FULL FLUSH. e. CORE: MANUFACTURER'S STANDARD KRAFT-PAPER HONEYCOMB, POLYSTYRENE, POLYURETHANE, POLYISOCYANURATE, MINERAL-BOARD,

OR VERTICAL STEEL-STIFFENER CORE AT MANUFACTURER'S DISCRETION. FRAMES a. MATERIALS: METALLIC-COATED STEEL SHEET, MINIMUM THICKNESS OF

0.053 INCH (1.3 MM), WITH MINIMUM A40 (ZF120) COATING. B. FINISHES: [FACTORY PRIMING FOR FIELD PAINTING].

1.5 INSTALLATION A. METAL-STUD PARTITIONS AND CONCRETE WALLS: FRAMES FILLED WITH

B. MASONRY WALLS: FRAMES FILLED WITH GROUT.

END OF SECTION 081130

DOORS AND WINDOWS

SECTION 081416 - FLUSH WOOD DOORS

1.1 SUBMITTALS A. PRODUCT DATA: FOR EACH TYPE OF DOOR INDICATED. INCLUDE DETAILS OF CORE AND EDGE CONSTRUCTION AND TRIM FOR OPENINGS.

B. SHOP DRAWINGS: INDICATE LOCATION, SIZE, AND HAND OF EACH DOOR; ELEVATION OF EACH KIND OF DOOR; CONSTRUCTION DETAILS NOT COVERED IN PRODUCT DATA: LOCATION AND EXTENT OF HARDWARE BLOCKING: AND OTHER PERTINENT DATA.

1. INDICATE DIMENSIONS AND LOCATIONS OF MORTISES AND HOLES FOR 2. INDICATE DIMENSIONS AND LOCATIONS OF CUTOUTS.

INDICATE REQUIREMENTS FOR VENEER MATCHING. 4. INDICATE DOORS TO BE FACTORY FINISHED AND FINISH REQUIREMENTS. 5. INDICATE FIRE-PROTECTION RATINGS FOR FIRE-RATED DOORS. C. WARRANTY: SAMPLE OF SPECIAL WARRANTY.

1.2 QUALITY ASSURANCE A. QUALITY STANDARD: AWI.

1. AWI QUALITY CERTIFICATION LABELS OR AN AWI LETTER OF LICENSING FOR

2. WI-CERTIFIED COMPLIANCE CERTIFICATE FOR DOORS AND INSTALLATION. B. FIRE-RATED WOOD DOORS: POSITIVE PRESSURE TESTING.

1.3 DOOR CONSTRUCTION, GENERAL

A. LOW-EMITTING MATERIALS: MADE WITH ADHESIVES AND COMPOSITE WOOD PRODUCTS THAT DO HAVE NO ADDED UREA FORMALDEHYDE.

B. WDMA I.S.1-A PERFORMANCE GRADE: HEAVY DUTY UNLESS OTHERWISE INDICATED.

1.4 VENEERED-FACED DOORS FOR TRANSPARENT FINISH A. INTERIOR SOLID-CORE DOORS: 1. CORE: PARTICLEBOARD.

2. CONSTRUCTION: FIVE OR SEVEN PLIES, BONDED. 1.5 PRIMING/FINISHING

A. SHOP PRIMING: . DOORS FOR OPAQUE FINISH: ONE COAT OF WOOD PRIMER. DOORS FOR TRANSPARENT FINISH: STAIN AND FIRST COAT OF FINISH. B. FACTORY FINISHING: ALL DOORS.

END OF SECTION 081416

DOORS AND WINDOWS

SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

1.1 PERFORMANCE REQUIREMENTS

A. DELEGATED DESIGN: CONTRACTOR TO DESIGN ALUMINUM-FRAMED SYSTEMS. B. DEFLECTION OF FRAMING MEMBERS:

DEFLECTION NORMAL TO WALL PLANE: LIMITED TO L/175. 2. DEFLECTION PARALLEL TO GLAZING PLANE: LIMITED TO L/360 OR 1/8 INCH (3.2 MM), WHICHEVER IS SMALLER.

C. AIR INFILTRATION: 1. FIXED FRAMING AND GLASS AREA: MAXIMUM AIR LEAKAGE OF 0.06 CFM/SQ. FT. (0.30 L/S PER SQ. M) AT A STATIC-AIR-PRESSURE DIFFERENTIAL OF 1.57

LBF/SQ. FT. (75 PA). 2. ENTRANCE DOORS: a. PAIR OF DOORS: MAXIMUM AIR LEAKAGE OF 1.0 CFM/SQ. FT. (5.08 L/S PER

SQ. M) AT A STATIC-AIR-PRESSURE DIFFERENTIAL OF 1.57 LBF/SQ. FT. (75 PA). b. SINGLE DOORS: MAXIMUM AIR LEAKAGE OF 0.5 CFM/SQ. FT. (2.54 L/S PER SQ. M) AT A STATIC-AIR-PRESSURE DIFFERENTIAL OF 1.57 LBF/SQ. FT. (75 PA).

1.2 SUBMITTALS A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT.

B. SHOP DRAWINGS: INCLUDE PLANS, ELEVATIONS, SECTIONS, FULL-SIZE DETAILS, AND ATTACHMENTS TO OTHER WORK. 1. SHOW CONNECTION TO AND CONTINUITY WITH ADJACENT THERMAL

WEATHER, AIR, AND VAPOR BARRIERS. SAMPLES: FOR EACH EXPOSED FINISH REQUIRED.

D. ENERGY PERFORMANCE CERTIFICATES.

A. ALUMINUM: ALLOY AND TEMPER RECOMMENDED BY MANUFACTURER. B. STEEL REINFORCEMENT.

A. FRAMING MEMBERS:

1.4 SYSTEM COMPONENTS

1. CONSTRUCTION: THERMALLY BROKEN. 2. GLAZING SYSTEM: GASKETS ON FOUR SIDES. 3. GLAZING PLANE: FRONT.

B. GLAZING: SECTION 088000 "GLAZING." C. ENTRANCE DOORS:

DOOR CONSTRUCTION: 1-3/4-INCH (44.5-MM) OVERALL THICKNESS. DOOR DESIGN: AS INDICATED. D. ENTRANCE DOOR HARDWARE: AS SCHEDULED.

1.5 PRODUCT MFGR: KAWNEER PRODUCT: TRIFAB 451 T

END OF SECTION 084113

COLOR: DARK BRONZE

DOORS AND WINDOWS

SECTION 087100 - DOOR HARDWARE 1.1 SUMMARY

A. COMMERCIAL DOOR HARDWARE FOR SWINGING DOORS. B. OTHER DOORS TO THE EXTENT INDICATED.

C. CYLINDERS FOR DOORS SPECIFIED IN OTHER SECTIONS.

A. PRODUCT DATA: INCLUDE CONSTRUCTION AND INSTALLATION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, AND

FINISHES.

1.3 WARRANTY A. WARRANTY PERIOD: ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION.

EXCEPT AS FOLLOWS: MANUAL CLOSERS: 25 YEARS FROM DATE OF INVOICE. CYLINDRICAL LOCKSETS: TWO YEARS FROM DATE OF INVOICE.

. EXIT DEVICES: FIVE YEARS FROM DATE OF INVOICE

1.4 MAINTENANCE SERVICE

A. FULL-MAINTENANCE SERVICE: SIX MONTHS.

1.5 PRODUCTS A. CYLINDERS AND KEYING:

> 1. CONSTRUCTION KEYING: CONSTRUCTION IMASTER KEYSI. KEYING SYSTEM:

a. GRAND MASTER KEY. b. LOCKS MASTER KEYED OR GRAND MASTER KEYED TO EXISTING SYSTEM.

c. ALL CYLINDERS KEYED ALIKE. d. KEYS: NICKEL SILVER.

1) STAMPING: PERMANENTLY INSCRIBE EACH KEY WITH A LOCKNET KEY CONTROL NUMBER, STATE CODE, AND INCLUDE THE FOLLOWING

a) NOTATION: "DO NOT DUPLICATE." 2) QUANTITY: IN ADDITION TO ONE EXTRA KEY BLANK FOR EACH LOCK. PROVIDE THE FOLLOWING:

a) CYLINDER CHANGE KEYS: TWO. b) CONSTRUCTION KEYS: FOUR c) MASTER KEYS: FOUR

d) GRAND MASTER KEYS: TWO. 1.6 FIELD QUALITY CONTROL A. INDEPENDENT ARCHITECTURAL HARDWARE CONSULTANT: [CONTRACTOR] ENGAGED TO PERFORM INSPECTIONS.

B. OCCUPANCY ADJUSTMENT: THREE MONTHS. **END OF SECTION 087100**

DOORS AND WINDOWS

SECTION 088000 - GLAZING

A. GLASS FOR WINDOWS, DOORS AND STOREFRONT FRAMING. 1.2 SUBMITTALS

B. PRODUCT CERTIFICATES: FOR GLASS. A. SILICONE GLAZING SEALANTS: **NEUTRAL OR BASIC** CURING, CLASS [25] [50] [100/50],

B. GLAZING TAPES: **BACK-BEDDING-MASTIC** TYPE. C. GLAZING GASKETS: [DENSE COMPRESSION] [SOFT COMPRESSION] [LOCK STRIP].

A. PRODUCT DATA: FOR EACH PRODUCT.

1.4 MONOLITHIC GLASS SCHEDULE A. GLASS TYPE [GL-1]: LOW-E-COATED, CLEAR INSULATING GLASS. 1. OUTDOOR LITE: SOLARBAN 60 + CLEAR, ANNEALED FLOAT GLASS.

2. INDOOR LITE: SOLARBAN 60 + CLEAR, ANNEALED FLOAT GLASS.

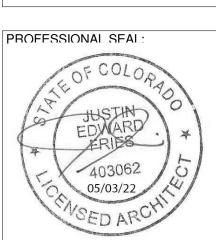
U-VALUE: 0.29 SHGC: 0.39

VOC LESS THAN 250 G/L.

END OF SECTION 088000

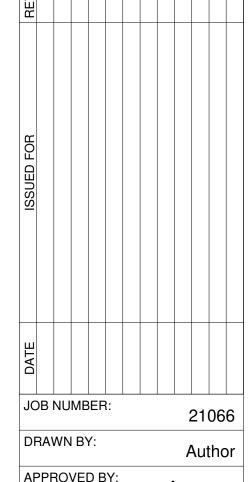
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APPROVED BY: Approver DATE: 05/24/2022 Original drawing is 24" x 36" | Scale entities SHEET TITLE: **SPECIFICATIONS**

SECTION 092400 - PORTLAND CEMENT PLASTERING

PART 1 - GENERAL 1.1 SECTION INCLUDES

A. SUPPLY AND INSTALLATION OF FIBER REINFORCED, THREE-COAT STUCCO SYSTEM WITH EXTERIOR RIGID INSULATION AND OPTIONAL CRACK RESISTANCE.

- 1.2 SYSTEM DESCRIPTION A. THREE-COAT STUCCO SYSTEM WITH RIGID CONTINUOUS INSULATION: EXTERIOR RIGID CONTINUOUS INSULATION, WIRE FABRIC OR METAL LATH, FIBER REINFORCED SCRATCH AND BROWN COAT (3/4 IN (19 MM)), AND EITHER AN ACRYLIC OR
- ELASTOMERIC BASED FINISH COAT. B. EXPANSION AND CONTROL JOINTS: CONTINUOUS EXPANSION AND CONTROL JOINTS SHALL BE INSTALLED AT LOCATIONS IN ACCORDANCE WITH ASTM C1063 AND ASTM

- A. GENERAL: SUBMIT SAMPLES, EVALUATION REPORTS AND MANUFACTURER'S PRODUCT DATA SHEETS IN ACCORDANCE WITH DIVISION 1 GENERAL REQUIREMENTS SUBMITTAL SECTION.
- B. SAMPLES: SUBMIT SAMPLES FOR APPROVAL. SAMPLES SHALL BE OF MATERIALS SPECIFIED AND OF SUITABLE SIZE AS REQUIRED TO ACCURATELY REPRESENT EACH COLOR AND TEXTURE USED ON PROJECT. PREPARE EACH SAMPLE USING SAME TOOLS AND TECHNIQUES FOR ACTUAL PROJECT APPLICATION. MAINTAIN AND MAKE AVAILABLE, AT JOB SITE, APPROVED SAMPLES.
- C. MANUFACTURER'S WARRANTY: SUBMIT SAMPLE COPIES OF MANUFACTURER'S WARRANTY INDICATING SINGLE SOURCE RESPONSIBILITY FOR STUCCO SYSTEM

1.6 QUALITY ASSURANCE

A. QUALIFICATIONS:

- MANUFACTURER: SHALL HAVE MARKETED STUCCO SYSTEMS IN UNITED STATES FOR AT LEAST TEN YEARS AND SHALL HAVE COMPLETED PROJECTS OF SAME GENERAL SCOPE AND COMPLEXITY.
- 2. APPLICATOR: SHALL BE EXPERIENCED AND COMPETENT IN INSTALLATION OF STUCCO MATERIALS, AND SHALL PROVIDE EVIDENCE OF A MINIMUM OF FIVE YEARS EXPERIENCE IN WORK SIMILAR TO THAT REQUIRED BY THIS SECTION.

PART 2 - PRODUCTS 2.1 MANUFACTURERS

A. MANUFACTURER, BASIS OF DESIGN: PAREX USA, INC.

B. COMPONENTS: OBTAIN COMPONENTS MANUFACTURED BY PAREX USA PAREX

ARMOURWALL 300 CI STUCCO SYSTEM FROM AUTHORIZED DISTRIBUTORS. NO SUBSTITUTIONS OR ADDITIONS OF OTHER MATERIALS ARE PERMITTED WITHOUT PRIOR WRITTEN PERMISSION FROM PAREX USA FOR THIS PROJECT. 2.2 MATERIALS

A. STUCCO BASE

- 1. PAREX FIBER-47 ARMOURWALL SCRATCH AND BROWN SANDED: PROPRIETARY MIXTURE OF PORTLAND CEMENT, AND PROPRIETARY INGREDIENTS MIXED WITH CLEAN, COOL, AND POTABLE WATER IN THE FIELD.
- B. STUCCO ADMIX: PAREX USA ADACRYL ADMIX & BONDING AGENT: 100% ACRYLIC EMULSION ADDITIVE FOR PORTLAND CEMENT BASED PRODUCTS TO ENHANCE CURING, ADHESION, FREEZE-THAW RESISTANCE AND WORKABILITY AND AS AN ACRYLIC POLYMER BONDING AGENT.
- C. LEVELING AND REINFORCING COAT: 1. PAREX USA STUCCO LEVEL COAT™: COPOLYMER BASED, FACTORY BLEND OF CEMENT AND PROPRIETARY INGREDIENTS REQUIRING ADDITION OF WATER.
- 1. PAREX USA REINFORCING MESHES: [A. PAREX USA STUCCO MESH: WEIGHT 4.5 OZ/YD2 (153 G/M2) REINFORCING
- [B. PAREX USA 355 STANDARD MESH: WEIGHT 4.5 OZ/YD² (153 G/M²) REINFORCING MESH.

D. EXPANDED POLYSTYRENE FEATURES OVER STUCCO: ADHESIVE AND BASE COAT:

- PAREX 121 BASE COAT & ADHESIVE: 100% ACRYLIC POLYMER BASE, REQUIRING THE ADDITION OF PORTLAND CEMENT.
- INSULATION BOARD: a. IN COMPLIANCE WITH MANUFACTURER'S REQUIREMENTS FOR PAREX CI
- b. PRODUCED AND LABELED UNDER A THIRD PARTY QUALITY PROGRAM AS REQUIRED BY APPLICABLE BUILDING CODE; AND PRODUCED BY A
- c. SHALL CONFORM TO ASTM C578, ASTM E2430 TYPE I, AND THE PAREX USA SPECIFICATION FOR MOLDED EXPANDED POLYSTYRENE INSULATION BOARD.
- 3. REINFORCING MESH:
- a. PAREX USA 355 STANDARD MESH: WEIGHT 4.5 OZ/YD² (153 G/M²) REINFORCING MESH.
- b. PAREX USA 356 SHORT DETAIL MESH: REINFORCING MESH USED FOR BACKWRAPPING AND DETAILS.

1. PAREX USA QUIKCURE: 100% ACRYLIC BASED PRIMER TO PREPARE

MANUFACTURER APPROVED BY PAREX USA.

- SURFACES FOR ACRYLIC OR ELASTOMERIC FINISHES. A. FINISH AND COATINGS: 1. PAREX DPR OPTIMUM FINISH: FACTORY BLENDED, 100% ACRYLIC POLYMER
- BASED FINISH, INTEGRALLY COLORED. FINISH TYPE, TEXTURE AND COLOR AS SELECTED BY PROJECT DESIGNER. 2.3 RELATED MATERIALS AND ACCESSORIES

A. GENERAL: STUCCO SYSTEM MATERIALS AND RELATED MATERIALS SHALL CONFORM TO ASTM C926, THIS SPECIFICATION AND PAREX PRODUCT DATA

- **B. SUBSTRATE MATERIALS:**
- 1. GYPSUM SHEATHING: MINIMUM 1/2 IN (13 MM) THICK, CORE-TREATED, WEATHER-RESISTANT, EXTERIOR GYPSUM SHEATHING COMPLYING WITH ASTM C79 OR
- 2. PLYWOOD: MINIMUM 5/16 IN (8 MM) THICK EXTERIOR GRADE OR EXPOSURE I PLYWOOD FOR STUDS SPACED 16 IN (406 MM) O.C. AND 3/8 IN (9 MM) THICK EXTERIOR TYPE PLYWOOD MINIMUM FOR STUDS SPACED 24 IN (610 MM) O.C. PLYWOOD SHALL COMPLY BE EXTERIOR GRADE OR EXPOSURE 1 AND COMPLY WITH DOC PS-1.
- 3. ORIENTED STRAND BOARD (OSB): 7/16 -1/2 IN WALL-16 OR WALL-24, APPROVED BY THE APA. TECO. OR PSI/PTL. STAMPED AS EXPOSURE 1 OR EXTERIOR SHEATHING WITH A PS2 OR PRP-108 RATING. FOR OSB LIMITATIONS ON SEE PAREX USA TECHNICAL BULLETIN; EIFS AND STUCCO; ACCEPTABLE SUBSTRATES AND AREAS OF USE
- 4. OTHER APPROVED BY STUCCO SYSTEM MANUFACTURER IN WRITING PRIOR TO THE PROJECT

C. WATER-RESISTIVE BARRIERS

- 1. WOOD SUBSTRATE: EXCEPTION: A CODE COMPLIANT WATER-RESISTIVE BARRIER THAT HAS A WATER RESISTANCE EQUAL TO OR GREATER THAN THAT OF 60-MINUTE GRADE D PAPER.
- 2. OTHER SHEET GOOD WATER-RESISTIVE BARRIER MAINTAINING A CURRENT ICC **EVALUATION REPORT.**
- 3. CODE COMPLIANT APPROVED WATER RESISTIVE BARRIER.
- D. OPTIONAL DRAINAGE BEHIND CONTINUOUS INSULATION: WATER RESISTIVE BARRIER INCORPORATING IN ITSELF A MEANS OF DRAINAGE AND MAINTAINING A CURRENT ICC EVALUATION REPORT COVERED BY FLAT INSULATION BOARD.
- 2. WATER RESISTIVE BARRIER COVERED BY DRAINAGE MAT. E. CONTINUOUS INSULATION:
- 1. EXPANDED (EPS), OR EXTRUDED (XPS), HAVING A NOMINAL DENSITY OF 1 LB/FT3
- 2. POLYISOCYANURATE FOAM PLASTIC COMPLYING WITH ASTM C1289 AS TYPE II BOARD WITH A NOMINAL DENSITY OF 2 PCF (32 KG/M3).

F. LATH AND ACCESSORIES: CONFORM TO ASTM C847, ASTM C933, ASTM C1032, ASTM

- 1. ACCESSORIES: MANUFACTURER'S STANDARD STEEL PRODUCTS WITH MINIMUM G60 GALVANIZING UNLESS OTHERWISE INDICATED AS RIGID POLYVINYL CHLORIDE (PVC PLASTIC) OR ZINC ALLOY.
- 2. LATH LOCKS: WIND-LOCK "LATH-LOCK" STEEL WASHER. 1 1/4" DIAMETER, 24 GAUGE, GALVANIZED STEEL MECHANICAL FASTENING WASHER, HAVING A COUNTERSUNK CENTRAL THROUGH-HOLE, AND FOUR (4) DOWN-TURNED LEGS THAT PREVENT ROTATION DURING INSTALLATION AND KEEP THE MESH FROM SLIPPING OUT FROM UNDER THE PLATE, OR EQUAL.
- 3. METAL PLASTER BASES: MINIMUM 17 GAUGE SELF-FURRED STUCCO NETTING, MINIMUM 2.5 LB/YD² (1.4 KG/M²) OR 3.4 LB/YD² (1.8 KG/M²) EXPANDED METAL DIAMOND LATH, OR WELDED WIRE LATH IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.

4. WEEP SCREEDS: FOUNDATION WEEP SCREED WITH MINIMUM 3-1/2 INCH VERTICAL

ATTACHMENT FLANGE. G. SEALS, SEALANTS AND BOND BREAKERS: SEALANTS SHALL CONFORM TO ASTM C 920, GRADE NS, CLASS 25, USE NT. BACKER ROD SHALL BE CLOSED-CELL POLYETHYLENE FOAM.

PART 3 - EXECUTION

- 3.1 EXAMINATION A. VERIFY PROJECT SITE CONDITIONS UNDER PROVISIONS OF SECTION 01 00 00. B. COMPLIANCE: COMPLY WITH MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF
- STUCCO SYSTEM MATERIALS.

- A. MIX PROPRIETARY PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. INCLUDING THE APPLICABLE STUCCO SYSTEM PRODUCT DATA SHEETS AND APPLICATION GUIDELINES.
- B. ADMIX: PAREX USA ADACRYL
- 1. MIX UP TO 1 GAL (3.8 L) PER 1 BAG OF PAREX FIBER-47 ARMOURWALL SCRATCH AND BROWN CONCENTRATE. MIX UP TO 1 QT (1 L) PER BAG OF PAREX FIBER-47 ARMOURWALL SCRATCH AND BROWN SANDED. ADD AFTER DRY COMPONENTS AND THE MAJORITY OF THE WATER HAS BEEN MIXED. MIX NO LONGER THAN REQUIRED TO PROVIDE A UNIFORM MIXTURE, DO NOT OVER-MIX, OVERMIXING ENTRAINS EXCESSIVE AMOUNTS OF AIR WHICH WEAKEN THE MATERIAL. DO NOT RE-TEMPER MIXES OVER 20 MINUTES OLD.

3.4 APPLICATION

- A. GENERAL: STUCCO SYSTEM AND ITS RELATED MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C926. FOLLOW PAREX USA'S CURRENT STUCCO APPLICATION
- B. WATER RESISTIVE BARRIER:
- THE WATER-RESISTIVE BARRIER IS PLACED OVER ALL SUBSTRATES. INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
- D. CONTINUOUS INSULATION: 1. INSULATION BOARDS SHOULD BE FASTENED TO ALLOW TEMPORARY PLACEMENT UNTIL
- THE LATH IS INSTALLED. 2. THE LATH IS APPLIED TIGHTLY OVER THE INSULATION BOARD AND FASTENED THROUGH THE INSULATION BOARD TO STUDS. CARE MUST BE TAKEN TO AVOID OVERDRIVING **FASTENERS**

E. STUCCO BASE: SCRATCH COAT

- . APPLY SCRATCH COAT TO A MINIMUM THICKNESS OF 3/8 IN (9.5 MM), USING SUFFICIENT TROWEL PRESSURE TO KEY STUCCO INTO LATH OR TO CREATE BOND TO
- SUBSTRATES AS APPLICABLE. b. PRIOR TO INITIAL SET, SCRATCH HORIZONTALLY TO PROVIDE KEY FOR BOND OF BROWN COAT
- MOIST CURE SCRATCH COAT WITH CLEAN POTABLE WATER FOR AT LEAST 48 HOURS IN ACCORDANCE WITH ASTM C926 AND THE BUILDING CODES FOLLOWING INITIAL APPLICATION (UNLESS BROWN COAT IS APPLIED AS SOON AS THE SCRATCH COAT HAS ACHIEVED SUFFICIENT RIGIDITY TO SUPPORT THE BROWN COAT).
- BROWN COAT a. APPLY BROWN COAT TO A MINIMUM THICKNESS OF 3/8 IN (9.5 MM), USING SUFFICIENT TROWEL PRESSURE TO KEY STUCCO INTO SCRATCH COAT.
- b. ROD SURFACE TO TRUE PLANE AND FLOAT TO DENSIFY. c. TROWEL TO SMOOTH AND UNIFORM SURFACE TO RECEIVE ACRYLIC POLYMER FINISH
- d. MOIST CURE BROWN COAT WITH CLEAN POTABLE WATER FOR AT LEAST 48 HOURS,
- IN ACCORDANCE WITH ASTM C926 AND THE BUILDING CODES. F. LEVELING AND REINFORCING COAT:
- AFTER MOIST CURING, ALLOW STUCCO BASE COAT TO AIR DRY A MINIMUM OF 24 HOURS BEFORE APPLYING THE LEVELING AND REINFORCING COAT.
- 2. USING A STAINLESS STEEL TROWEL, APPLY THE STUCCO LEVELING COAT OVER THE STUCCO BASE COAT AT A THICKNESS OF 1/16 TO 3/32 IN (1.6 – 2.4 MM).
- 3. FULLY EMBED REINFORCING MESH, EITHER STUCCO MESH, 355 STANDARD MESH OR 358.10 INTERMEDIATE MESH, INTO WET STUCCO LEVEL COAT, INCLUDING DIAGONAL STRIPS AT CORNERS OF OPENINGS AND TROWEL SMOOTH. IF STUCCO MESH OR 355 STANDARD MESH IS USED, SEAMS ARE OVERLAPPED 2-1/2 IN (63 MM); IF 358.10 INTERMEDIATE MESH IS USED. SEAMS ARE BUTTED AND COVERED BY STRIPS OF 356 DETAIL MESH.
- 4. THE ACRYLIC PRIMERS AND FINISHES CAN BE APPLIED AS SOON AS THE STUCCO
- LEVELING COAT HAS DRIED, TYPICALLY WITHIN 24 HOURS. G. EXPANDED POLYSTYRENE FEATURED OVER STUCCO BASE COAT:
- INSTALL BACK-WRAP MESH AT EPS TERMINATIONS.
- 2. APPLY ADHESIVE TO BACKS OF INSULATION BOARDS WITH A NOTCHED TROWEL. ALLOW TO DRY A MINIMUM OF 12 HOURS.
- 3. APPLY BASE COAT MATERIAL TO THE ENTIRE FOAM SHAPE AND PULL THE BACKWRAP MESH AROUND THE FOAM SHAPES AND FULLY EMBED IT INTO THE BASE COAT.
- IMMEDIATELY EMBED THE REINFORCING MESH IN THE WET BASE COAT. H. PRIMER AND FINISH: 1. REMOVE SURFACE CONTAMINANTS SUCH AS DUST OR DIRT WITHOUT DAMAGING THE
- SUBSTRATE. 2. AMBIENT AND SURFACE TEMPERATURE MUST BE 40°F (4°C) OR HIGHER DURING APPLICATION AND DRYING TIME. SUPPLEMENTAL HEAT AND PROTECTION FROM
- PRECIPITATION MUST BE PROVIDED AS NEEDED. 3. USE ONLY ON SURFACES THAT ARE SOUND, CLEAN, DRY, UNPAINTED, AND FREE FROM ANY RESIDUE THAT MIGHT AFFECT THE ABILITY OF THE FINISH TO BOND TO THE
- 4. PROTECT FINISH COATS FROM INCLIMATE WEATHER UNTIL COMPLETELY DRY.
- I. CURING
- 1. KEEP STUCCO BASE COAT MOIST FOR AT LEAST 48 HOURS (LONGER IN DRY WEATHER) BY LIGHTLY FOGGING WALLS. START LIGHT FOGGING AFTER INITIAL SET OF 1-2 HOURS. 2. AIR DRY ACRYLIC BASED AND ELASTOMERIC FINISH COATS ONLY, DO NOT WET CURE. 3.5 PROTECTION
- A. PROVIDE PROTECTION OF INSTALLED MATERIALS FROM WATER INFILTRATION INTO OR BEHIND THEM
- B. PROVIDE PROTECTION OF INSTALLED STUCCO FROM DUST, DIRT, PRECIPITATION, AND FREEZING DURING INSTALLATION.
- C. PROVIDE PROTECTION OF INSTALLED FINISH FROM DUST, DIRT, PRECIPITATION, FREEZING
- AND CONTINUOUS HIGH HUMIDITY UNTIL FULLY DRY.
- D. CLEAN EXPOSED SURFACES USING MATERIALS AND METHODS RECOMMENDED BY THE MANUFACTURER OF THE MATERIAL OR PRODUCT BEING CLEANED. REMOVE AND REPLACE WORK THAT CANNOT BE CLEANED TO THE SATISFACTION OF THE DESIGNER/OWNER.

FINISHES

SECTION 092900 - GYPSUM BOARD

1.1 SUMMARY A. INTERIOR GYPSUM BOARD.

B. TILE BACKING PANELS.

A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.

B. SAMPLES: FOR THE FOLLOWING PRODUCTS: 1. TEXTURED FINISHES: MANUFACTURER'S STANDARD SIZE FOR EACH TEXTURED FINISH INDICATED AND ON SAME BACKING INDICATED FOR WORK.

- A. INTERIOR GYPSUM BOARD:
- 1. GENERAL: COMPLYING WITH ASTM C 36/C 36M OR ASTM C 1396/C 1396M, AS APPLICABLE TO TYPE OF GYPSUM BOARD INDICATED AND WHICHEVER IS MORE
- a. MUST BE CERTIFIED AS LOW EMITTING. CERTIFICATION MUST BE BASED UPON THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS, INCLUDING 2004 ADDENDA OR A JURISDICTIONALLY RECOGNIZED STANDARD USING EQUIVALENT TESTING METHODOLOGIES AND VOC THRESHOLDS.
- a. THICKNESS: 5/8 INCH (15.9 MM).
- b. LONG EDGES: TAPERED. 3. MOISTURE- AND MOLD-RESISTANT TYPE: WITH MOISTURE- AND MOLD-
- RESISTANT CORE AND SURFACES. a. CORE: 5/8 INCH(15.9 MM), TYPE X.
- b. LONG EDGES: TAPERED. c. MOLD RESISTANCE: ASTM D 3273, SCORE OF 10 AS RATED ACCORDING TO
- ASTM D 3274. B. TILE-BACKING PANELS: 1. GLASS-MAT, WATER-RESISTANT BACKING BOARD: ASTM C 1178/C 1178M, WITH
- MANUFACTURER'S STANDARD EDGES. a. MUST BE CERTIFIED AS LOW EMITTING. CERTIFICATION MUST BE BASED UPON THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS,
- USING EQUIVALENT TESTING METHODOLOGIES AND VOC THRESHOLDS. b. CORE: 5/8 INCH (15.9 MM), TYPE X.

INCLUDING 2004 ADDENDA OR A JURISDICTIONALLY RECOGNIZED STANDARD

- c. MOLD RESISTANCE: ASTM D 3273, SCORE OF 10 AS RATED ACCORDING TO ASTM D 3274. 2. CEMENTITIOUS BACKER UNITS: ANSI A118.9 AND ASTM C 1288 OR 1325, WITH
- MANUFACTURER'S STANDARD EDGES. a. THICKNESS: **AS INDICATED**. b. MOLD RESISTANCE: ASTM D 3273, SCORE OF 10 AS RATED ACCORDING TO
- ASTM D 3274. C. TRIM ACCESSORIES:

a. INTERIOR: CORNERBEAD.

FINISHES

END OF SECTION 092900

SECTION 093000 - TILING

1.1 SUMMARY A. PAVER, GLAZED, WALL TILE, AND THIN PORCELAIN TILE

- B. WATERPROOF MEMBRANE FOR THIN-SET TILE INSTALLATIONS. C. METAL EDGE STRIPS INSTALLED AS PART OF TILE INSTALLATIONS.
- 1.2 QUALITY ASSURANCE A. MOCKUPS FOR EACH FORM OF CONSTRUCTION.

1.3 MATERIALS

- A. GLAZED WALL TILE TRIM SHAPES: COVED BASE, BULLNOSE CAP.
- B. THRESHOLDS: SATIN ANODIZED ALUMINUM THRESHOLDS AND TRANSITION STRIPS. 1. BEVEL EDGES AT 1:2 SLOPE, WITH LOWER EDGE OF BEVEL ALIGNED WITH OR UP TO 1/16 INCH (1.5 MM) ABOVE ADJACENT FLOOR SURFACE. FINISH BEVEL TO MATCH TOP SURFACE OF THRESHOLD. LIMIT HEIGHT OF THRESHOLD TO 1/2 INCH (12.7 MM) OR LESS ABOVE ADJACENT FLOOR SURFACE.
- C. MORTAR: LATEX-PORTLAND CEMENT D. ELASTOMERIC SEALANTS: ONE-PART, MILDEW-RESISTANT SILICONE. 1. SEALANTS SHALL HAVE A VOC CONTENT OF 250 G/L OR LESS WHEN

CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).

- 1.4 FLOOR TILE INSTALLATION SCHEDULE A. INTERIOR FLOORS ON CONCRETE: THIN-SET MORTAR.
 - 1. TILE TYPE: UNGLAZED PAVER TILE. 2. MORTAR: LATEX- PORTLAND CEMENT MORTAR BOND COAT.
- 3. GROUT: POLYMER-MODIFIED UNSANDED 100% SOLIDS EPOXY NON-SAGGING B. INTERIOR FLOORS ON [WATERPROOF] [CRACK-SUPPRESSION] MEMBRANE OVER
- CONCRETE AND WOOD: THIN-SET MORTAR. I. TILE TYPE: UNGLAZED PAVER TILE. MORTAR: LATEX- PORTLAND CEMENT MORTAR BOND COAT.
- 3. GROUT: POLYMER-MODIFIED UNSANDED 100% SOLIDS EPOXY NON-SAGGING
- 1.5 WALL TILE INSTALLATION SCHEDULE A. INTERIOR WALLS OVER GLASS-MAT WATER-RESISTANT BACKER BOARD OR CEMENTITIOUS BACKER UNITS: THIN-SET MORTAR.
- MORTAR: LATEX- PORTLAND CEMENT MORTAR. 2. GROUT: POLYMER-MODIFIED UNSANDED GROUT SUPPLIED BY GC.

1.6 INSTALLATION

A. ALL TILE AND SLATE TO BE INSTALLED PER TILE COUNCIL OF AMERICA STANDARDS. GROUT WIDTH PER MANUFACTURER OR AS NOTED.

END OF SECTION 093000

FINISHES

SECTION 095113 - ACOUSTICAL PANEL CEILINGS

1.1 SUMMARY A. ACOUSTICAL PANELS AND EXPOSED SUSPENSION SYSTEMS.

- A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED. B. COORDINATION DRAWINGS: REFLECTED CEILING PLANS, DRAWN TO SCALE, ON WHICH THE FOLLOWING ITEMS ARE SHOWN AND COORDINATED WITH EACH OTHER,
- BASED ON INPUT FROM INSTALLERS OF THE ITEMS INVOLVED:
- CEILING SUSPENSION SYSTEM MEMBERS. 2. METHOD OF ATTACHING HANGERS TO BUILDING STRUCTURE. 3. CEILING-MOUNTED ITEMS INCLUDING LIGHTING FIXTURES, DIFFUSERS, GRILLES,
- SPEAKERS, SPRINKLERS, ACCESS PANELS, AND SPECIAL MOLDINGS. C. SAMPLES FOR VERIFICATION: FOR EACH COMPONENT INDICATED AND FOR EACH EXPOSED FINISH REQUIRED. PREPARED ON SAMPLES OF SIZE INDICATED BELOW.
- 1. ACOUSTICAL PANEL: SET OF FULL-SIZE SAMPLES OF EACH TYPE, COLOR, PATTERN, AND TEXTURE. 2. EXPOSED SUSPENSION SYSTEM MEMBERS, MOLDINGS, AND TRIM: SET OF
- 12-INCH-(300-MM-) LONG SAMPLES OF EACH TYPE, FINISH, AND COLOR.
- D. QUALIFICATION DATA: FOR TESTING AGENCY.
- FIELD QUALITY-CONTROL TEST REPORTS. F. PRODUCT TEST REPORTS: BASED ON EVALUATION OF COMPREHENSIVE TESTS PERFORMED BY A QUALIFIED TESTING AGENCY, FOR EACH ACOUSTICAL PANEL
- G. MAINTENANCE DATA: FOR FINISHES TO INCLUDE IN MAINTENANCE MANUALS.

1.3 QUALITY ASSURANCE

A. ACOUSTICAL PANEL QUALITY STANDARD: ASTM E 1264. B. METAL SUSPENSION SYSTEM QUALITY STANDARD: ASTM C 635.

1.4 MATERIALS

- A. ACOUSTICAL CEILING PANELS GENERAL: MUST BE CERTIFIED AS LOW EMITTING. CERTIFICATION MUST BE BASED UPON THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS, INCLUDING 2004 ADDENDA OR A JURISDICTIONALLY RECOGNIZED STANDARD USING EQUIVALENT TESTING METHODOLOGIES AND VOC THRESHOLDS.
- B. ACOUSTICAL CEILING PANELS WASHABLE 1. CLASSIFICATION: TYPE IV, MINERAL BASE WITH MEMBRANE-FACED OVERLAY; FORM 2, WATER FELTED; WITH VINYL OVERLAY ON FACE; PATTERN G (SMOOTH).
- 2. COLOR: AS INDICATED ON DRAWINGS.
- 3. THICKNESS: 5/8 INCH (15 MM). MODULAR SIZE: 24 BY 48 INCHES (610 BY 1220 MM).
- 5. BROAD SPECTRUM ANTIMICROBIAL FUNGICIDE AND BACTERICIDE TREATMENT: PROVIDE ACOUSTICAL TILES TREATED WITH MANUFACTURER'S STANDARD ANTIMICROBIAL FORMULATION THAT INHIBITS FUNGUS, MOLD, MILDEW, AND GRAM-POSITIVE AND GRAM-NEGATIVE BACTERIA AND SHOWING NO MOLD, MILDEW, OR BACTERIAL GROWTH WHEN TESTED ACCORDING TO ASTM D 3273 AND EVALUATED ACCORDING TO ASTM D 3274 OR ASTM G 21.
- C. ACOUSTICAL CEILING PANELS TEXTURED: 1. CLASSIFICATION: TYPE III, MINERAL BASE WITH PAINTED FINISH; FORM 2, WATER
- FELTED; PATTERN E (LIGHTLY TEXTURED).
- COLOR: AS INDICATED ON DRAWINGS. 3. THICKNESS: 5/8 INCH (15 MM).

MODULAR SIZE: 24 BY 48 INCHES (610 BY 1220 MM).

- BROAD SPECTRUM ANTIMICROBIAL FUNGICIDE AND BACTERICIDE TREATMENT: PROVIDE ACOUSTICAL TILES TREATED WITH MANUFACTURER'S STANDARD ANTIMICROBIAL FORMULATION THAT INHIBITS FUNGUS, MOLD, MILDEW, AND GRAM-POSITIVE AND GRAM-NEGATIVE BACTERIA AND SHOWING NO MOLD, MILDEW, OR BACTERIAL GROWTH WHEN TESTED ACCORDING TO ASTM D 3273
- AND EVALUATED ACCORDING TO ASTM D 3274 OR ASTM G 21. D. ACOUSTICAL CEILING PANELS PERFORATED: 1. CLASSIFICATION: TYPE III, MINERAL BASE WITH PAINTED FINISH; FORM 2, WATER FELTED; PATTERN CE (PERFORATED, SMALL HOLES AND LIGHTLY
- TEXTURED).
- 2. COLOR: AS INDICATED ON DRAWINGS. THICKNESS: 3/4 INCH(15 MM).
- MODULAR SIZE: 24 BY 48 INCHES(610 BY 1220 MM). BROAD SPECTRUM ANTIMICROBIAL FUNGICIDE AND BACTERICIDE TREATMENT: PROVIDE ACOUSTICAL TILES TREATED WITH MANUFACTURER'S STANDARD ANTIMICROBIAL FORMULATION THAT INHIBITS FUNGUS, MOLD, MILDEW, AND GRAM-POSITIVE AND GRAM-NEGATIVE BACTERIA AND SHOWING NO MOLD, MILDEW, OR BACTERIAL GROWTH WHEN TESTED ACCORDING TO ASTM D 3273
- AND EVALUATED ACCORDING TO ASTM D 3274 OR ASTM G 21. E. METAL SUSPENSION SYSTEMS:
- 1. WIDE-FACE, CAPPED, DOUBLE-WEB STEEL: INTERMEDIATE DUTY. F. METAL EDGE MOLDINGS AND TRIM: ROLL-FORMED SHEET METAL.
- 1.5 INSTALLATION A. INSTALLATION: ASTM C 636.
- 1.6 FIELD QUALITY CONTROL A. TESTING: BY OWNER-ENGAGED AGENCY TO TEST ACOUSTICAL PANEL CEILING

HANGER FASTENERS. **END OF SECTION 095113**

FINISHES

END OF SECTION 097200

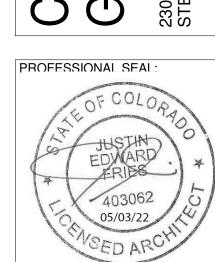
SECTION 097200 - WALL COVERINGS 1.1 SUMMARY A. VINYL AND WOVEN GLASS-FIBER WALL COVERING.

A. ADHESIVE: MILDEW-RESISTANT, NONSTAINING, STRIPPABLE ADHESIVE, FOR USE WITH SPECIFIC WALL COVERING AND SUBSTRATE APPLICATION, AS RECOMMENDED IN WRITING BY WALL-COVERING MANUFACTURER, AND WITH A VOC CONTENT OF 50 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).

1.3 INSTALLATION A. INSTALL STRIPS IN SAME ORDER AS CUT FROM ROLL.

Reviewed for Code Compliance

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SPECIFICATIONS

Approver

05/24/2022

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FINISHES

SECTION 099113 - EXTERIOR PAINTING 1.1 SUMMARY A. SURFACE PREPARATION AND THE APPLICATION OF PAINT SYSTEMS ON EXTERIOR SUBSTRATES.

1.2 SUBMITTALS A. SAMPLES FOR VERIFICATION: 1. FOR EACH NON-STANDARD LATEX TOPCOAT COLOR AND GLOSS INDICATED. 2. FOR EACH TYPE OF NON-STANDARD PAINT SYSTEM AND IN EACH COLOR. A ND GLOSS OF TOPCOAT INDICATED.

1.3 EXTERIOR PAINTING SCHEDULE A. CONCRETE SUBSTRATES, NONTRAFFIC SURFACES:

> LATEX SYSTEM: a. PRIME COAT: LATEX, EXTERIOR, MATCHING TOPCOAT. b. TOPCOAT: LATEX, EXTERIOR (GLOSS LEVEL AS INDICATED IN PAINT

SCHEDULE). B. CLAY-MASONRY SÚBSTRATES:

 LATEX SYSTEM: a. PRIME COAT: LATEX, EXTERIOR, MATCHING TOPCOAT. b. TOPCOAT: LATEX, EXTERIOR (GLOSS LEVEL AS INDICATED IN PAINT

C. CMU SUBSTRATES: LATEX SYSTEM:

a. PRIME COAT: BLOCK FILLER, LATEX, INTERIOR/EXTERIOR. b. TOPCOAT: LATEX, EXTERIOR (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).

D. STEEL SUBSTRATÉS:

1. WATER-BASED LIGHT INDUSTRIAL COATING SYSTEM: a. PRIME COAT: PRIMER, ALKYD, ANTI-CORROSIVE FOR METAL.

b. TOPCOAT: LIGHT INDUSTRIAL COATING, EXTERIOR, WATER BASED (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE). E. GALVANIZED-METAL SUBSTRATES: LATEX SYSTEM:

a. PRIME COAT: PRIMER, GALVANIZED, WATER BASED. b. TOPCOAT: LATEX, EXTERIOR (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).

F. ALUMINUM SUBSTRATES: LATEX SYSTEM:

a. PRIME COAT: PRIMER, QUICK DRY, FOR ALUMINUM. b. TOPCOAT: LATEX, EXTERIOR (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).

G. WOOD, NONTRAFFIC SURFACES: LATEX SYSTEM:

a. PRIME COAT: PRIMER, LATEX FOR EXTERIOR WOOD.

b. TOPCOAT: LATEX, EXTERIOR (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE). H. WOOD, TRAFFIC SURFACES:

 LATEX SYSTEM: a. PRIME COAT: PRIMER, LATEX FOR EXTERIOR WOOD.

b. TOPCOAT: INTERIOR/EXTERIOR LATEX FLOOR AND PORCH (LOW GLOSS). 1) WITH ADDITIVE TO INCREASE SKID RESISTANCE OF PAINTED SURFACE. I. PORTLAND CEMENT PLASTER SUBSTRATES: 1. LATEX SYSTEM:

a. PRIME COAT: LATEX, EXTERIOR, MATCHING TOPCOAT. b. TOPCOAT: LATEX, EXTERIOR (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).

END OF SECTION 099113

FINISHES

SECTION 099123 - INTERIOR PAINTING

1.2 SUBMITTALS

A. SURFACE PREPARATION AND THE APPLICATION OF PAINT SYSTEMS ON INTERIOR

A. SAMPLES FOR VERIFICATION: 1. FOR EACH NON-STANDARD LATEX TOPCOAT COLOR AND GLOSS INDICATED.

2. FOR EACH TYPE OF NON-STANDARD PAINT SYSTEM AND IN EACH COLOR AND GLOSS OF TOPCOAT INDICATED. 1.3 QUALITY ASSURANCE

A. QUALITY STANDARDS: "MPI APPROVED PRODUCTS LIST" AND "MPI ARCHITECTURAL

PAINTING SPECIFICATION MANUAL."

B. MOCKUPS FOR EACH COLOR AND FINISH. 1.4 GENERAL A. VOC CONTENT: PRODUCTS SHALL COMPLY WITH VOC LIMITS OF AUTHORITIES

HAVING JURISDICTION. 1. FLAT PAINTS AND COATINGS: 50 G/L. 2. NONFLAT PAINTS AND COATINGS: 50 G/L.

3. PRIMERS, SEALERS, AND UNDERCOATERS: 100 G/L. 4. RUST PREVENTATIVE COATINGS APPLIED TO FERROUS METALS: 250 G/L.

5. FLOOR COATINGS: 50 G/L. 7. FIRE RETARDANT COATINGS, PIGMENTED: 350 G/L.

1.5 INTERIOR PAINTING SCHEDULE

A. STEEL SUBSTRATES: 1. INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM: a. PRIME COAT: PRIMER, RUST-INHIBITIVE, WATER BASED.

b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE). 2. QUICK-DRYING ENAMEL SYSTEM:

a. PRIME COAT: PRIMER, RUST-INHIBITIVE, WATER BASED. b. TOPCOAT: ALKYD, QUICK DRY (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).

B. GALVANIZED-METAL SUBSTRATES: INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM: a. PRIME COAT: PRIMER, GALVANIZED, WATER BASED. b. TOPCOAT: LATEX, INTERIOR, INSTITUTIONAL LOW ODOR/VOC,

(GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE). C. WOOD SUBSTRATES: 1. INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM:

a. PRIME COAT: INTERIOR LATEX PRIMER/SEALER. b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE). D. GYPSUM BOARD SUBSTRATES:

1. INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM: a. PRIME COAT: INTERIOR LATEX PRIMER/SEALER. b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).

E. HIGH-IMPACT GYPSUM BOARD SUBSTRATES: 1. HIGH-PERFORMANCE ARCHITECTURAL LATEX SYSTEM: a. PRIME COAT: INTERIOR LATEX PRIMER/SEALER. b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX

(GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE). F. PLASTER SUBSTRATES: INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM:

a. PRIME COAT: INTERIOR LATEX PRIMER/SEALER. b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE). G. ACOUSTICAL CEILING TILE:

1. INSTITUTIONAL LOW-ODOR/VOC LATEX SYSTEM: a. PRIME COAT: INTERIOR LATEX PRIMER/SEALER. b. TOPCOAT: INSTITUTIONAL LOW-ODOR/VOC INTERIOR LATEX (GLOSS LEVEL AS INDICATED IN PAINT SCHEDULE).

END OF SECTION 099123

FINISHES

SECTION 099300 - STAINING AND TRANSPARENT FINISHING

1.1 SUMMARY A. SURFACE PREPARATION AND APPLICATION OF WOOD FINISHES ON [EXTERIOR] [AND] [INTERIOR] SUBSTRATES.

1.2 SUBMITTALS

A. SAMPLES FOR VERIFICATION: FOR EACH TYPE OF FINISH SYSTEM AND IN EACH COLOR AND GLOSS OF FINISH INDICATED.

1.3 QUALITY ASSURANCE

A. QUALITY STANDARDS: "MPI APPROVED PRODUCTS LIST" AND "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL."

1.4 GENERAL

A. VOC CONTENT: PRODUCTS SHALL COMPLY WITH VOC LIMITS OF AUTHORITIES

HAVING JURISDICTION. 1. CHEMICAL COMPONENTS OF FIELD-APPLIED INTERIOR PAINTS AND COATINGS: a. CLEAR WOOD FINISHES, VARNISHES: VOC NOT MORE THAN 275 G/L.

SHELLACS. CLEAR: VOC NOT MORE THAN 730 G/L. STAINS: VOC NOT MORE THAN 100 G/L.

PRIMERS, SEALERS, AND UNDERCOATERS: 100 G/L. 5. FIRE RETARDANT COATINGS, CLEAR: 650 G/L.

1.5 EXTERIOR WOOD-FINISH-SYSTEM SCHEDULE

A. SOLID-COLOR LATEX STAIN SYSTEM: MPI EXT 6.3K. 1. PRIME COAT: PRIMER, LATEX FOR EXTERIOR WOOD. INTERMEDIATE COAT: STAIN, EXTERIOR, WATER BASED, SOLID HIDE, MATCHING

TOPCOAT. 3. TOPCOAT: STAIN, EXTERIOR, WATER BASED, SOLID HIDE.

B. SEMITRANSPARENT STAIN SYSTEM: MPI EXT 6.3D. 1. TWO STAIN COATS: EXTERIOR SEMITRANSPARENT LATEX STAIN.

1.6 INTERIOR WOOD-FINISH-SYSTEM SCHEDULE

A. SEMITRANSPARENT STAIN SYSTEM: PRIME COAT: STAIN, SEMI-TRANSPARENT, MATCHING TOPCOAT. 2. TOPCOAT: STAIN, SEMI-TRANSPARENT, FOR INTERIOR WOOD.

B. WATER-BASED VARNISH SYSTEM:

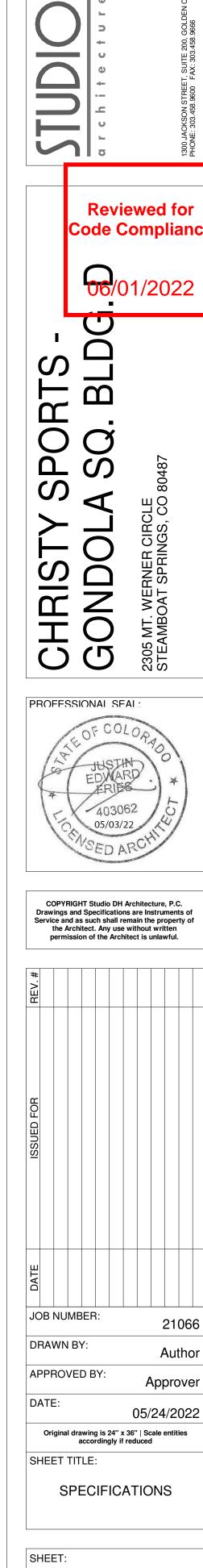
PRIME COAT: WATER-BASED VARNISH MATCHING TOPCOAT. INTERMEDIATE COAT: WATER-BASED VARNISH MATCHING TOPCOAT.

c. TOPCOAT: VARNISH, WATER BASED, CLEAR. C. WATER-BASED FIRE RETARDANT SYSTEM:

a. TOPCOAT: FIRE RETARDANT COATING, CLEAR. 1) CLASS A FLAME SPREAD AND SMOKE-DEVELOPED INDEX PER ASTM E 84.

END OF SECTION 099300



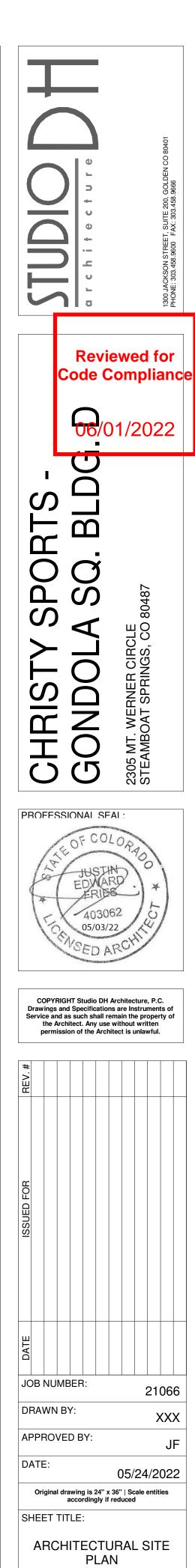


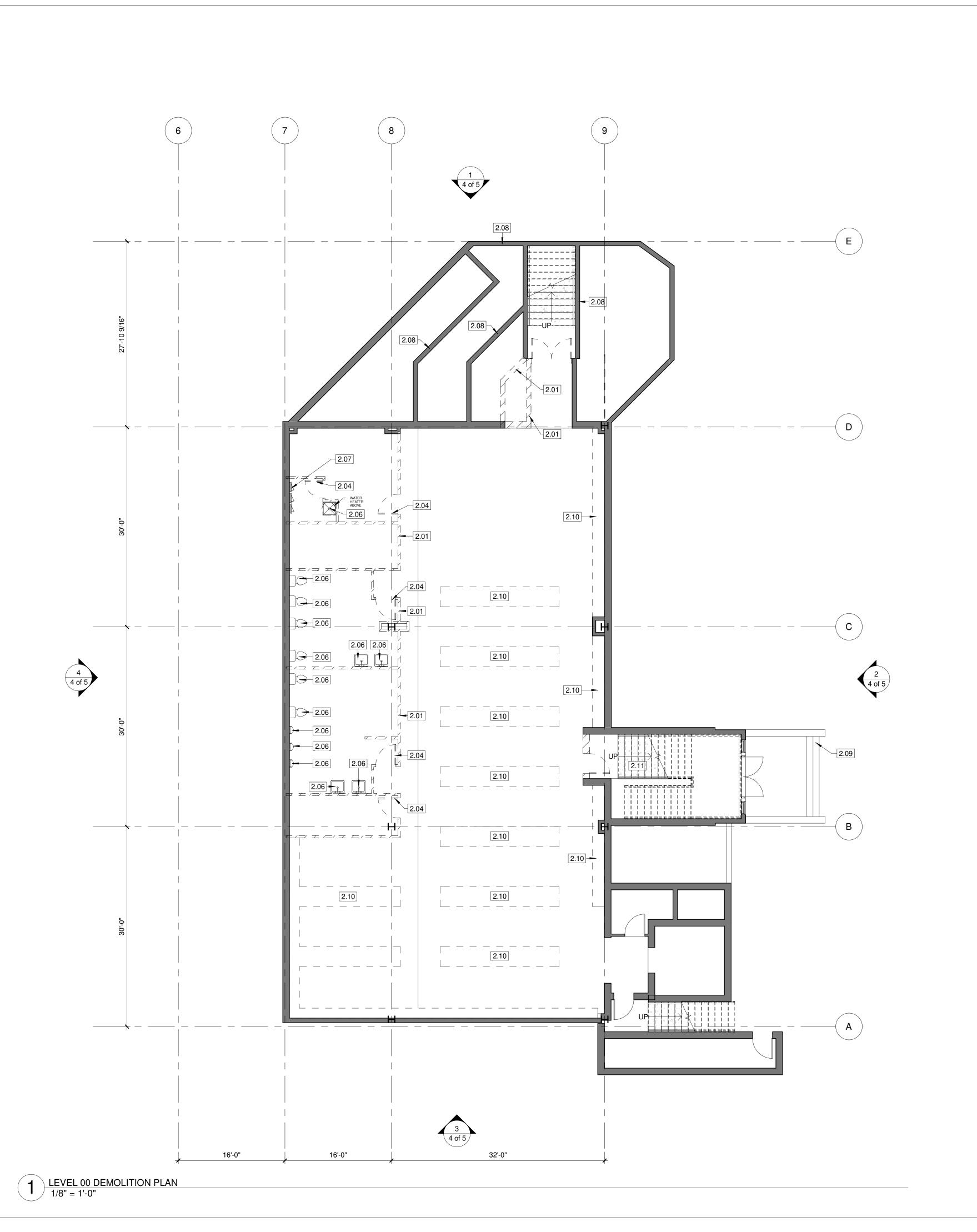
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KEYNOTE LEGEND Key Value Keynote Text BUILDING "A" BUILDING "F" BUILDING "E" BUILDING "C" - LINE OF WALKWAY ABOVE - EXISTING STEEL STAIR TO REMAIN - EXISTING EXTERIOR STAIR TO REMAIN LINE OF PROPOSED **NEW CANOPY** BUILDING "F" NEW WOOD/STEEL COLUMN WITH STONE BASE BUILDING "D" - AREA OF ROOF CHANGE AT SECOND LEVEL NEW WOOD/STEEL -COLUMN WITH STONE BASE LINE OF PROPOSED -NEW CANOPY EXISTING ADA RAMP -TO REMAIN - EXISTING EXTERIOR STAIR TO REMAIN LANDSCAPE TO -REMAIN 1 ARCHITECTURAL SITE PLAN
1" = 20'-0"

SITE PLAN GENERAL NOTES:

REFER TO G1.2 FOR ADDITIONAL INFORMATION.
 REFER TO ENGINEERING DRAWINGS FOR ADDITIONAL INFORMATION.
 REFRE TO REFERENCED ENLARGED PLANS FOR FURTHER DETAILS AND LAYOUT.





KEYNOTE LEGEND

Key Value

Keynote Text

2.01

REMOVE EXISTING WALL
2.04

REMOVE EXISTING DOOR AND FRAME
2.06

REMOVE EXISTING PLUMBING FIXTURE AND CAP, RE: PLUMB. DWGS.
2.07

REMOVE EXISTING ELECTRICAL EQUIPMENT, RE: ELEC. DWGS.
2.08

EXISTING CONCRETE SITE WALL TO REMAIN
2.09

EXISTING EXTERIOR STAIR TO REMAIN
2.10

REMOVE EXISTING CONCRETE FLOOR SLAB
2.11

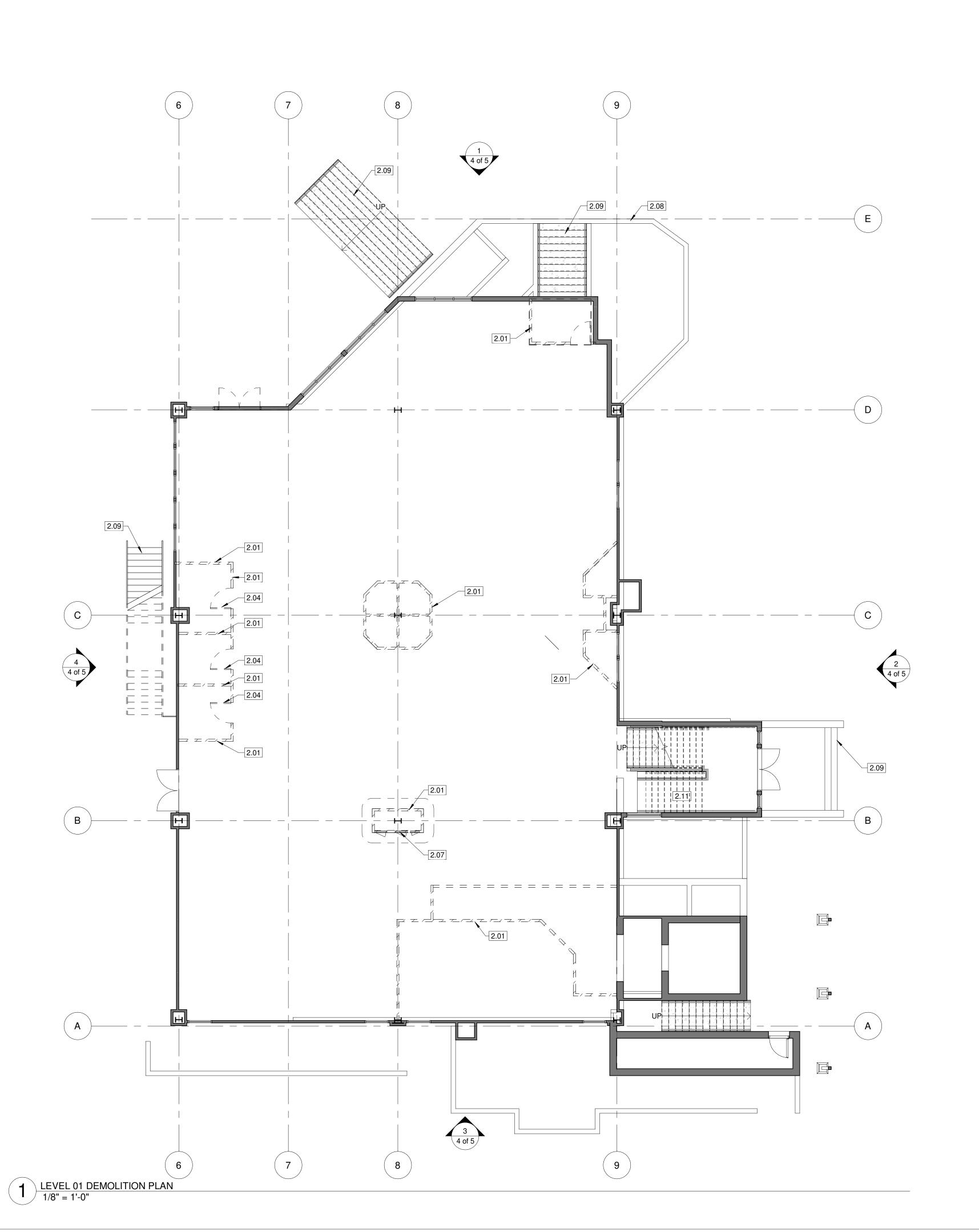
REMOVE EXISTING METAL STAIR NOSING AND REPLACE

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permission of the Architect is unlawful. JOB NUMBER: 21066 DRAWN BY: Author APPROVED BY: DATE: 05/24/2022 Original drawing is 24" x 36" | Scale entities accordingly if reduced SHEET TITLE: DEMOLITION FLOOR PLAN

CUEET

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D2.1



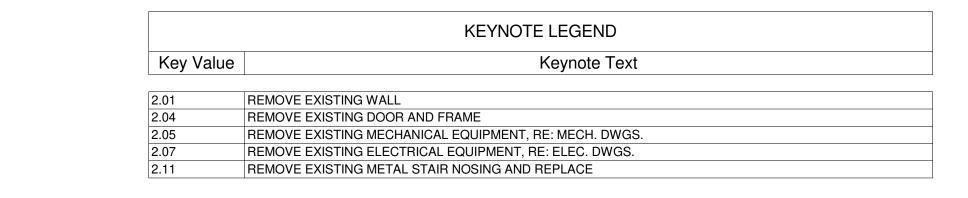
	KEYNOTE LEGEND
Key Value	Keynote Text
2.01	REMOVE EXISTING WALL
2.04	REMOVE EXISTING WALL REMOVE EXISTING DOOR AND FRAME
2.07	REMOVE EXISTING ELECTRICAL EQUIPMENT, RE: ELEC. DWGS.
2.08	EXISTING CONCRETE SITE WALL TO REMAIN
2.09	EXISTING EXTERIOR STAIR TO REMAIN
2.11	REMOVE EXISTING METAL STAIR NOSING AND REPLACE

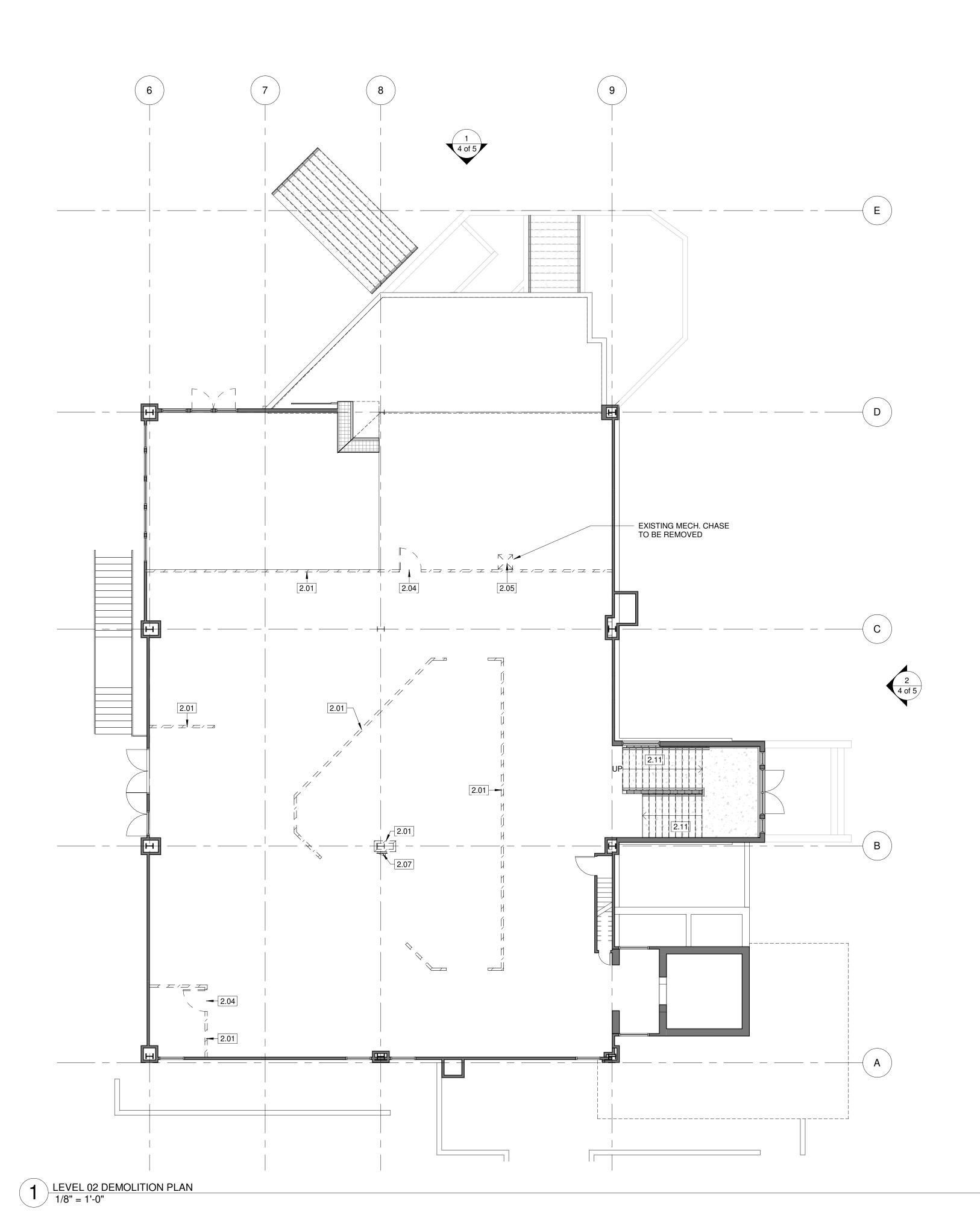


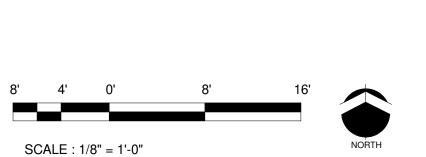
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D2.2





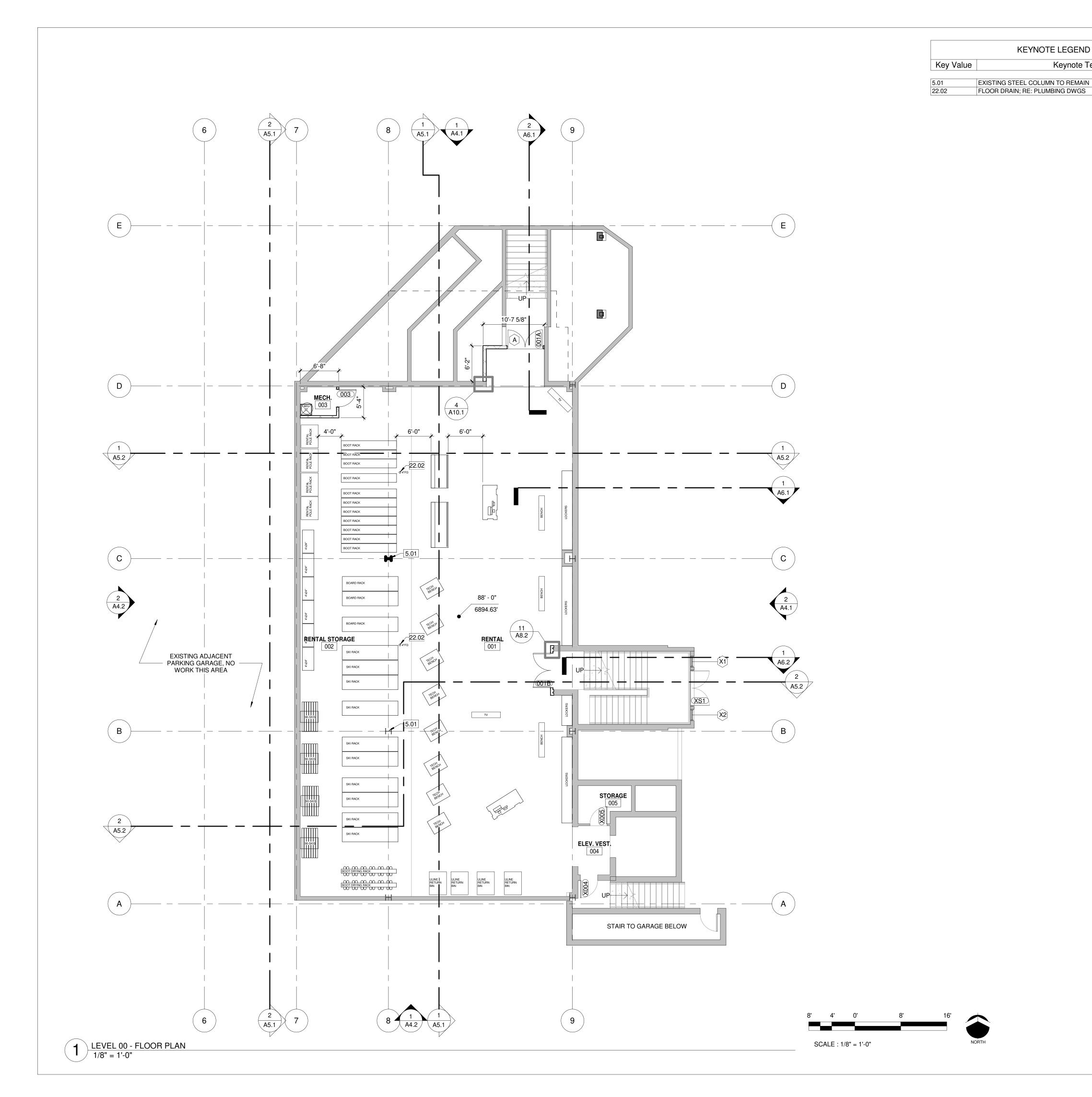


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OUEET

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D2.3



FLOOR PLAN GENERAL NOTES:

KEYNOTE LEGEND

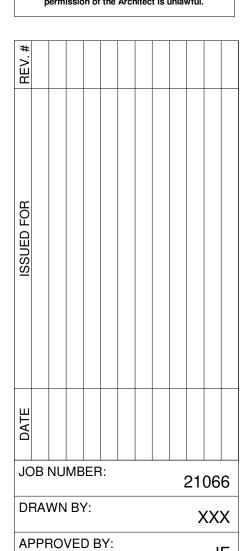
Keynote Text

DIMENSIONS ARE TO FACE OF STUD, CONCRETE, OR CMU UNO.
 ALL DOORS TO BE LOCATED 4" FROM ADJACENT PARTITION WHERE DOOR IS INDICATED ADJACENT TO PARTITION UNO.

SEE REFERENCED ENLARGED PLANS, FOR FURTHER DETAILS AND LAYOUT.
 REFER TO A8.1 FOR DOOR AND WINDOW SCHEDULE AND ELEVATIONS.

5. REFER TO ELEVATIONS FOR ADDITIONAL WINDOWS/WALL OPENING INFORMATION. 6. OPENINGS FOR DOORS, WINDOWS, LOUVERS, ETC MUST BE VERIFIED WITH MFR ROUGH OPENING REQUIREMENTS. ARCHITECTURAL DIMENSION PLANS ARE INTENDED TO LOCATE FEATURES OF THE BUILDING AND ARE NOT INTENDED TO BE USED AS CONSTRUCTION COORDINATION DRAWINGS.





DATE:

SHEET TITLE:

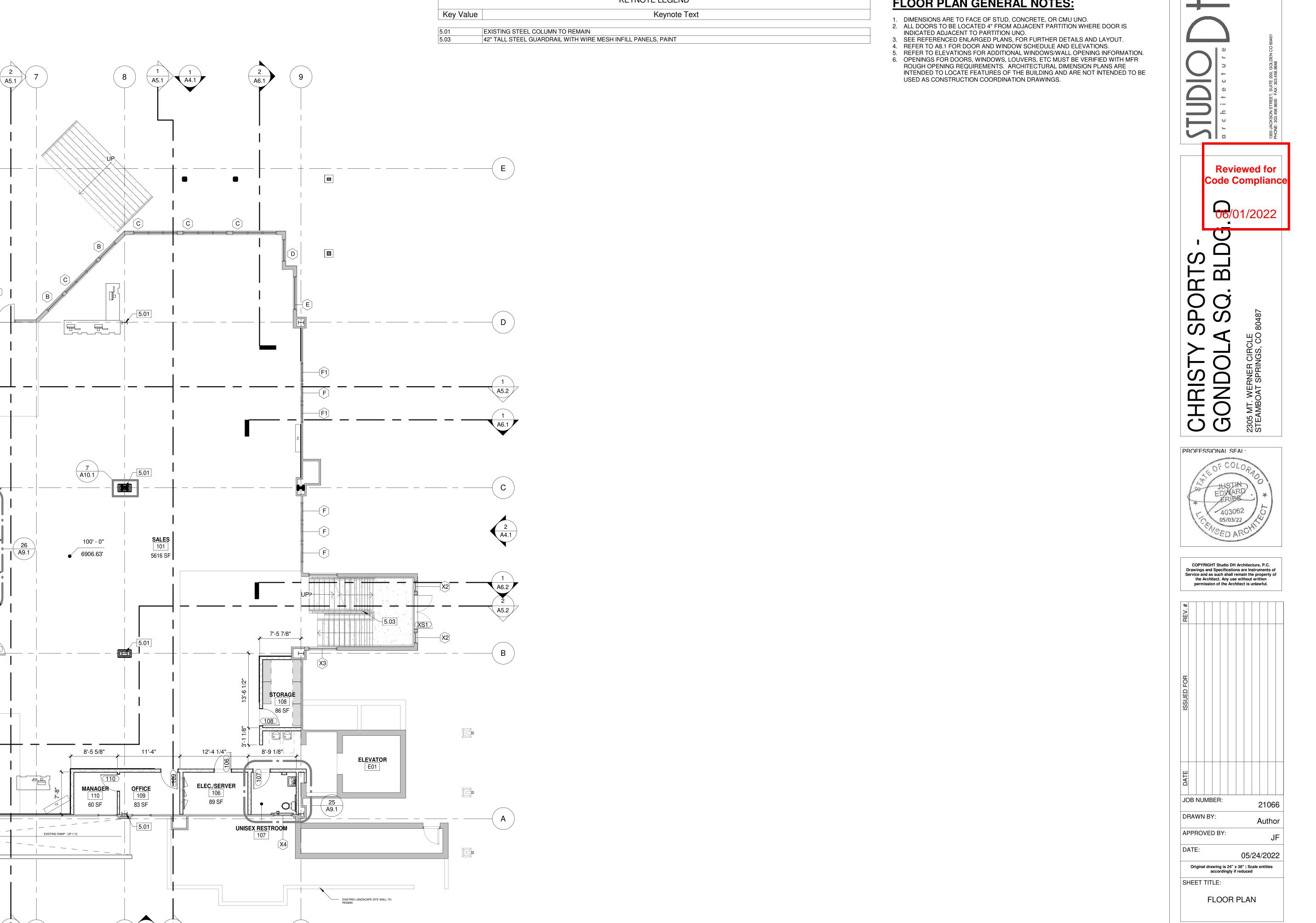
Original drawing is 24" x 36" | Scale entities accordingly if reduced

FLOOR PLAN

05/24/2022

	KEYNOTE LEGEND
Key Value	Keynote Text
5.01	EXISTING STEEL COLUMN TO REMAIN
5.03	42" TALL STEEL GUARDRAIL WITH WIRE MESH INFILL PANELS, PAINT

FLOOR PLAN GENERAL NOTES:



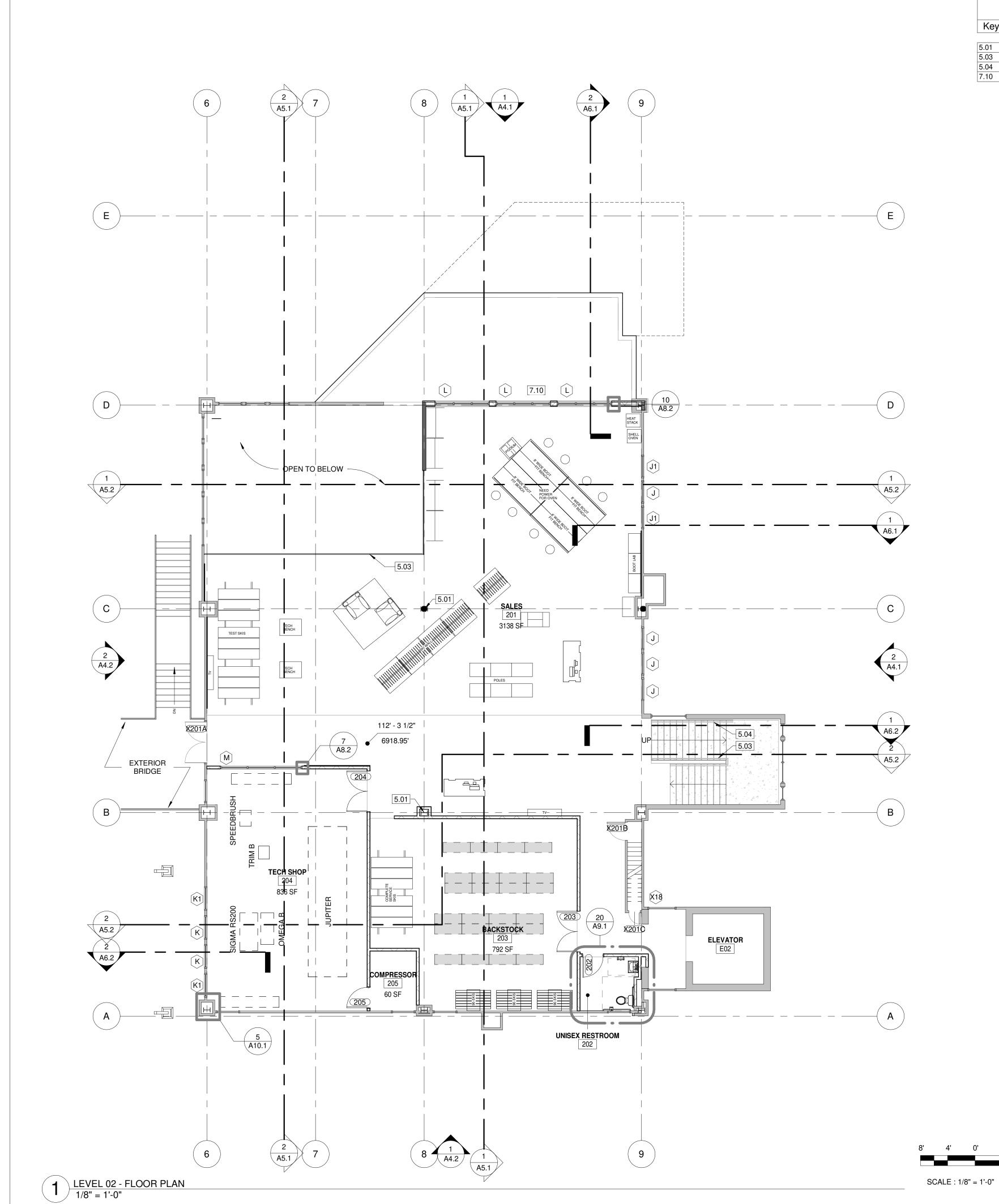
SCALE: 1/8" = 1'-0"

LINE OF BRIDGE ABOVE

1 LEVEL 01 - FLOOR PLAN 1/8" = 1'-0"

STORAGE

64 SF



KEYNOTE LEGEND

Key Value Keynote Text

42" TALL STEEL GUARDRAIL WITH WIRE MESH INFILL PANELS, PAINT

PATCH & REPAIR EXISTING MEMBRANE ROOF TO ACCOMMODATE NEW WORK

EXISTING STEEL COLUMN TO REMAIN

1-1/2" STEEL HANDRAIL, PAINT

FLOOR PLAN GENERAL NOTES:

DIMENSIONS ARE TO FACE OF STUD, CONCRETE, OR CMU UNO.
 ALL DOORS TO BE LOCATED 4" FROM ADJACENT PARTITION WHERE DOOR IS INDICATED ADJACENT TO PARTITION LING.

INDICATED ADJACENT TO PARTITION UNO.

3. SEE REFERENCED ENLARGED PLANS, FOR FURTHER DETAILS AND LAYOUT.

4. REFER TO A8.1 FOR DOOR AND WINDOW SCHEDULE AND ELEVATIONS.

5. PEEER TO ELEVATIONS FOR ADDITIONAL WINDOWS ANALL OPENING INFORMATIONS.

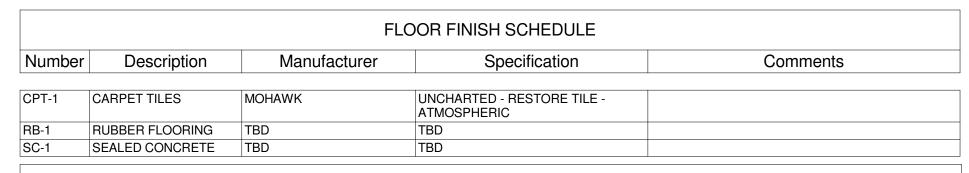
REFER TO A8.1 FOR DOOR AND WINDOW SCHEDULE AND ELEVATIONS.
 REFER TO ELEVATIONS FOR ADDITIONAL WINDOWS/WALL OPENING INFORMATION.
 OPENINGS FOR DOORS, WINDOWS, LOUVERS, ETC MUST BE VERIFIED WITH MFR ROUGH OPENING REQUIREMENTS. ARCHITECTURAL DIMENSION PLANS ARE INTENDED TO LOCATE FEATURES OF THE BUILDING AND ARE NOT INTENDED TO BE USED AS CONSTRUCTION COORDINATION DRAWINGS.

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CUEET

A2.13

FLOOR PLAN



		WALL & MILLWORK FI	NISH SCHEDULE
Key	Description	Manufacturer	Specification
B-1	RUBBER WALL BASE	T.B.D.	T.B.D.
B-2	TRIM BOARD BASE	T.B.D.	1X6 TRIM
М	MIRROR	T.B.D.	MIN. 4'-0" X 7'-0"
P-1	WALL PANEL	T.B.D.	SLATE WALL PANEL
P-2	WALL PANEL	T.B.D.	INFILL WALL PANEL
PT-1	CEILING PAINT	T.B.D.	T.B.D.
PT-2	CEILING PAINT	T.B.D.	BLACK
PT-3	WALL PAINT TYP.	SHERWIN WILLIAMS	SNOWBOUND
PT-4	WALL PAINT ACCENT	T.B.D.	T.B.D.
PT-5	WALL PAINT ACCENT	T.B.D.	T.B.D.
PT-6	WALL PAINT ACCENT	T.B.D.	T.B.D.
PT-7	METAL RAIL PAINT	T.B.D.	T.B.D.
PT-8	EXT. STEEL PAINT	T.B.D.	T.B.D.
PT-9	STAIN, BEAM	T.B.D.	T.B.D.
PT-10	STAIN, CEILING	T.B.D.	T.B.D.
UF	UNFINISHED	N/A	
WD-1	TRIM BOARD	T.B.D.	1X4 MDF TRIM

GENERAL FINISH NOTES:

- 1. REFER TO FINISH SCHEDULE ON THIS SHEET AND SPECIFICATIONS IN PROJECT MANUAL FOR DETAILED INFORMATION FOR EACH MATERIAL
- 2. REFER TO ENLARGED PLANS AND INTERIOR ELEVATIONS FOR TOILET ACCESSORIES AND ADDITIONAL DETAILS
- 3. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS/ALIGNMENTS
- 4. PAINTING SUBCONTRACTOR/FIELD SUPERVISOR TO CONFER WITH ARCHITECT AFTER PRIMING WALLS AND CEILING TO REVIEW FINAL FINISH LOCATIONS OF PAINT COLORS, WALL HUNG ARTWORK, SURFACE TREATMENTS, ETC
- 5. COVE BASE SHALL BE USED AT ALL RESILIENT FLOORING LOCATIONS, USE ROLL GOODS ONLY. NO SEAM SHALL OCCUR WITHIN 6" OF OUTSIDE CORNER
- 6. THE GENERAL CONTRACTOR SHALL SUBMIT TO ARCHITECT THE CARPET INSTALLERS SEAMING AND/OR INSTALLATION PLAN FOR REVIEW AND APPROVAL
- PRIOR TO INSTALLING CARPET 7. PROVIDE PRIME COAT OF PAINT ONE SHADE LIGHTER THAN FINAL COAT, PROVIDE TWO COATS OF EGGSHELL LATEX PAINT ON ALL WALLS, UNO; REFER TO SPECIFICATIONS.
- 8. ALL INTERIOR GYPSUM BOARD WALLS TO PAINTED PT-3, UNO.
- 9. GYPSUM BOARD CEILING TO BE PAINTED PT-1, UNO. 10. ARCHITECT WILL REVIEW ALTERNATES FOR REASONS OF PRODUCT AVAILABILITY, UNREASONABLE LEAD TIME, AND/OR OWNER-REQUESTED CHANGES, BUT RESERVES THE RIGHT TO REJECT ANY AND ALL PROPOSED ALTERNATES THAT DO NOT MEET THE DESIGN INTENT.
- 11. CARPET TRANSITION TO OCCUR AT CENTER LINE OF DOOR UNO. 12. USE SCHLUTER-SCHIENE FLOOR TRANSITIONS AT ALL FLOOR MATERIAL CHANGES.
- G.C. TO COORDINATE WITH FINAL MATERIAL THICKNESS. ALL TRANSITIONS MUST BE ADA COMPLIANT. FINISH: AKB 13. AREAS NOTED <u>UNFINISHED</u> ARE TO RECEIVE GYPSUM BOARD AS INDICATED;
- SCREWED AND TAPED ONLY (OR AS REQUIRED TO MAINTAIN RATINGS) 14. PROVIDE FLOOR FINISHES BELOW SINKS, COUNTERTOPS, CABINETS, AND OTHER OVERHANGING FEATURES TO MATCH ADJACENT FINISH

FINISH TAG KEY:

ROOM NAME **ROOM NUMBER**

WALL FINISHES ARE INTENDED TO BE THE PRIMARY FINISH ON THE INDICATED WALL. THE WALL FINISH FLOOR WALL1 CORRESPONDS TO THE FINISH OF THE FACING WALL AS THOUGH THE TAG WERE INSERTED IN THE BASE W4 W2 CENTER OF THE ROOM. REF: INTERIOR ELEVATIONS AREA WALL3 FOR ADDITIONAL FINISH INFORMATION.

FLOOR FINISH LEGEND:



RUBBER FLOORING

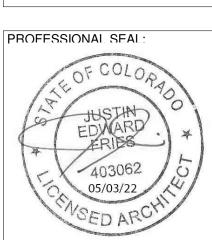


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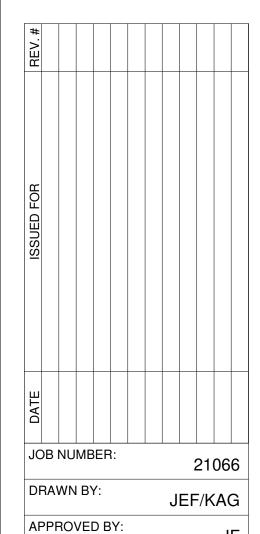


Code Compliance

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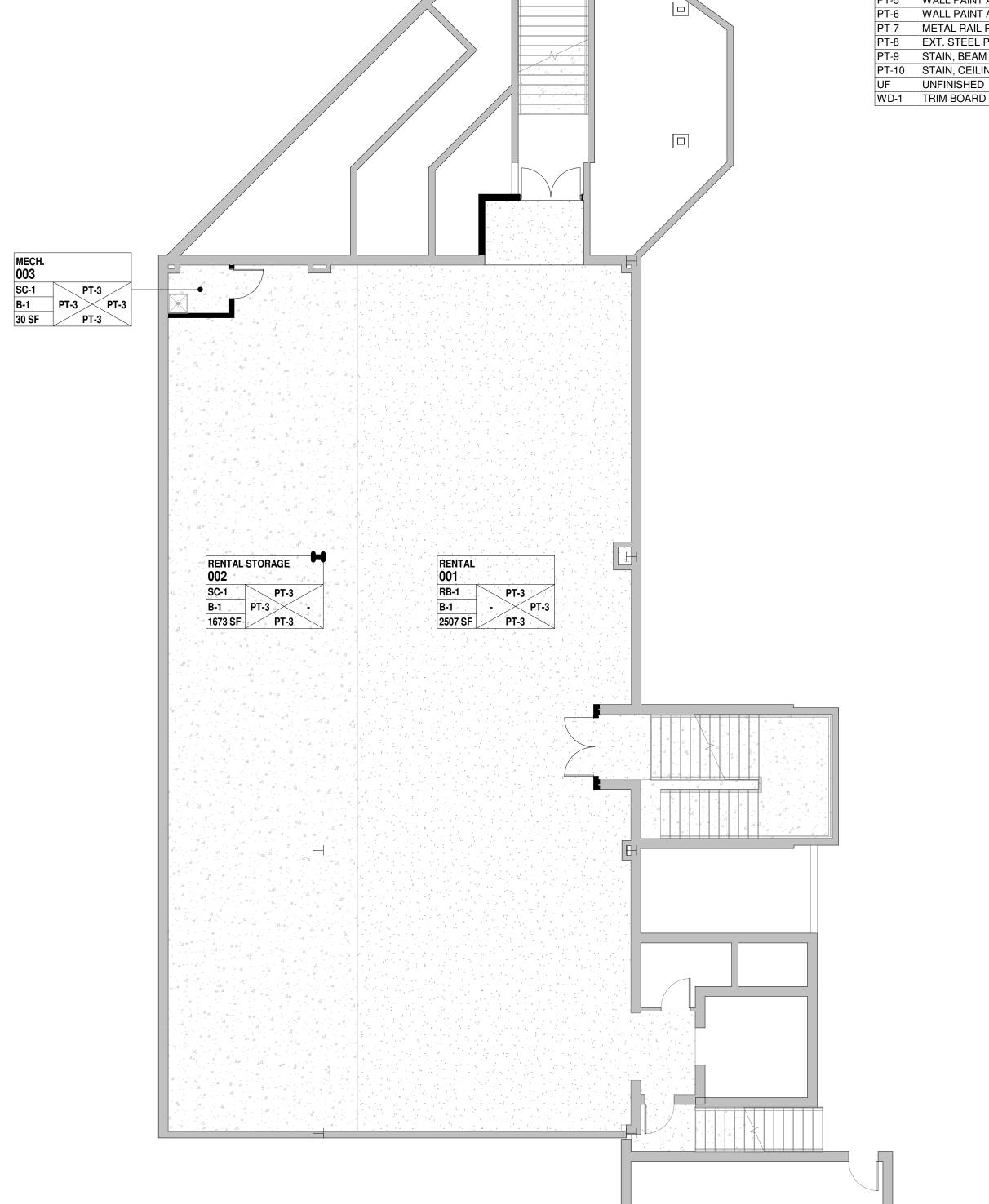
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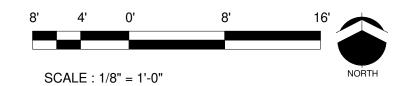
DATE:

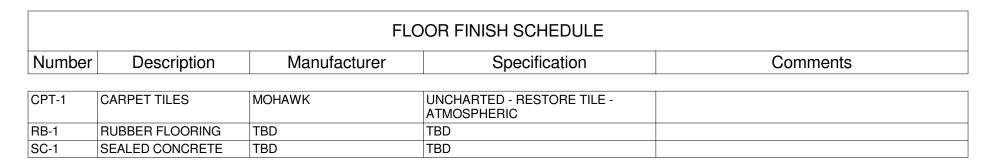
Original drawing is 24" x 36" | Scale entities accordingly if reduced

FINISH PLAN

05/24/2022







		WALL & MILLWORK FI	NISH SCHEDULE
Key	Description	Manufacturer	Specification
B-1	RUBBER WALL BASE	T.B.D.	T.B.D.
B-2	TRIM BOARD BASE	T.B.D.	1X6 TRIM
М	MIRROR	T.B.D.	MIN. 4'-0" X 7'-0"
P-1	WALL PANEL	T.B.D.	SLATE WALL PANEL
P-2	WALL PANEL	T.B.D.	INFILL WALL PANEL
PT-1	CEILING PAINT	T.B.D.	T.B.D.
PT-2	CEILING PAINT	T.B.D.	BLACK
PT-3	WALL PAINT TYP.	SHERWIN WILLIAMS	SNOWBOUND
PT-4	WALL PAINT ACCENT	T.B.D.	T.B.D.
PT-5	WALL PAINT ACCENT	T.B.D.	T.B.D.
PT-6	WALL PAINT ACCENT	T.B.D.	T.B.D.
PT-7	METAL RAIL PAINT	T.B.D.	T.B.D.
PT-8	EXT. STEEL PAINT	T.B.D.	T.B.D.
PT-9	STAIN, BEAM	T.B.D.	T.B.D.
PT-10	STAIN, CEILING	T.B.D.	T.B.D.
UF	UNFINISHED	N/A	
WD-1	TRIM BOARD	T.B.D.	1X4 MDF TRIM

GENERAL FINISH NOTES:

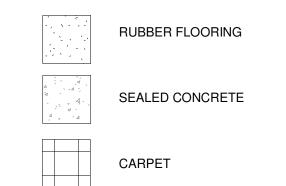
- REFER TO FINISH SCHEDULE ON THIS SHEET AND SPECIFICATIONS IN PROJECT MANUAL FOR DETAILED INFORMATION FOR EACH MATERIAL
- 2. REFER TO ENLARGED PLANS AND INTERIOR ELEVATIONS FOR TOILET ACCESSORIES AND ADDITIONAL DETAILS
- 3. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS/ALIGNMENTS
- 4. PAINTING SUBCONTRACTOR/FIELD SUPERVISOR TO CONFER WITH ARCHITECT AFTER PRIMING WALLS AND CEILING TO REVIEW FINAL FINISH LOCATIONS OF PAINT COLORS, WALL HUNG ARTWORK, SURFACE TREATMENTS, ETC
- 5. COVE BASE SHALL BE USED AT ALL RESILIENT FLOORING LOCATIONS, USE ROLL GOODS ONLY. NO SEAM SHALL OCCUR WITHIN 6" OF OUTSIDE CORNER
- 6. THE GENERAL CONTRACTOR SHALL SUBMIT TO ARCHITECT THE CARPET INSTALLERS SEAMING AND/OR INSTALLATION PLAN FOR REVIEW AND APPROVAL
- PRIOR TO INSTALLING CARPET 7. PROVIDE PRIME COAT OF PAINT ONE SHADE LIGHTER THAN FINAL COAT, PROVIDE TWO COATS OF EGGSHELL LATEX PAINT ON ALL WALLS, UNO; REFER TO
- SPECIFICATIONS. 8. ALL INTERIOR GYPSUM BOARD WALLS TO PAINTED PT-3, UNO. 9. GYPSUM BOARD CEILING TO BE PAINTED PT-1, UNO.
- 10. ARCHITECT WILL REVIEW ALTERNATES FOR REASONS OF PRODUCT AVAILABILITY, UNREASONABLE LEAD TIME, AND/OR OWNER-REQUESTED CHANGES, BUT RESERVES THE RIGHT TO REJECT ANY AND ALL PROPOSED ALTERNATES THAT DO NOT MEET THE DESIGN INTENT.
- 11. CARPET TRANSITION TO OCCUR AT CENTER LINE OF DOOR UNO. 12. USE SCHLUTER-SCHIENE FLOOR TRANSITIONS AT ALL FLOOR MATERIAL CHANGES. G.C. TO COORDINATE WITH FINAL MATERIAL THICKNESS. ALL TRANSITIONS MUST BE
- ADA COMPLIANT. FINISH: AKB 13. AREAS NOTED <u>UNFINISHED</u> ARE TO RECEIVE GYPSUM BOARD AS INDICATED;
- SCREWED AND TAPED ONLY (OR AS REQUIRED TO MAINTAIN RATINGS) 14. PROVIDE FLOOR FINISHES BELOW SINKS, COUNTERTOPS, CABINETS, AND OTHER OVERHANGING FEATURES TO MATCH ADJACENT FINISH

FINISH TAG KEY:

ROOM NUMBER

WALL FINISHES ARE INTENDED TO BE THE PRIMARY FINISH ON THE INDICATED WALL. THE WALL FINISH FLOOR WALL TIME WALL FINISH OF THE FACING WALL AS THOUGH THE TAG WERE INSERTED IN THE BASE W4 W2 CENTER OF THE ROOM. REF: INTERIOR ELEVATIONS AREA WALL3 FOR ADDITIONAL FINISH INFORMATION.

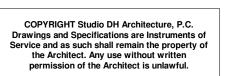
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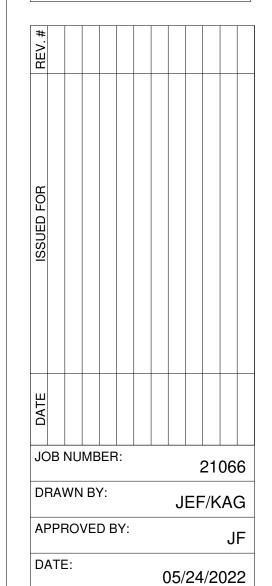




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Code Compliance

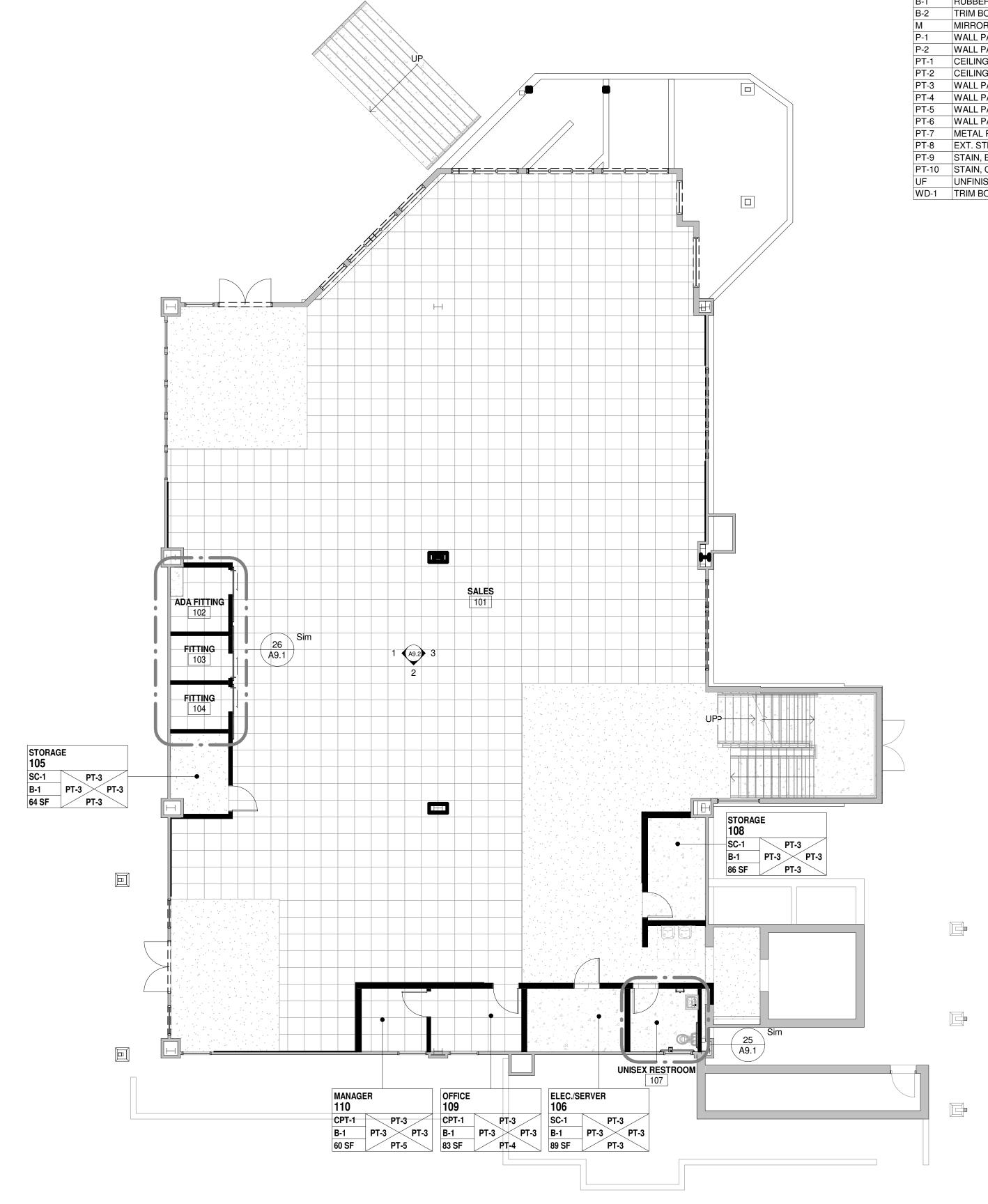




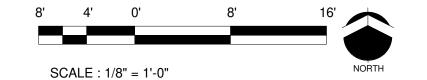
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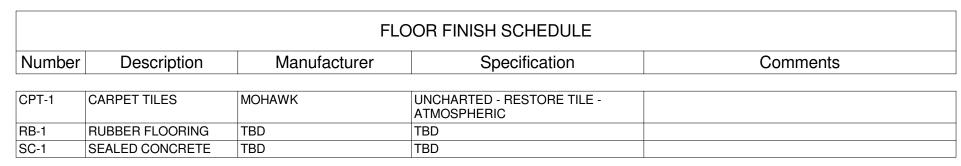
Original drawing is 24" x 36" | Scale entities accordingly if reduced

FINISH PLAN



1 LEVEL 01 - FINISH PLAN
1/8" = 1'-0"





		WALL & MILLWORK FI	NISH SCHEDULE
Key	Description	Manufacturer	Specification
B-1	RUBBER WALL BASE	T.B.D.	T.B.D.
B-2	TRIM BOARD BASE	T.B.D.	1X6 TRIM
M	MIRROR	T.B.D.	MIN. 4'-0" X 7'-0"
P-1	WALL PANEL	T.B.D.	SLATE WALL PANEL
P-2	WALL PANEL	T.B.D.	INFILL WALL PANEL
PT-1	CEILING PAINT	T.B.D.	T.B.D.
PT-2	CEILING PAINT	T.B.D.	BLACK
PT-3	WALL PAINT TYP.	SHERWIN WILLIAMS	SNOWBOUND
PT-4	WALL PAINT ACCENT	T.B.D.	T.B.D.
PT-5	WALL PAINT ACCENT	T.B.D.	T.B.D.
PT-6	WALL PAINT ACCENT	T.B.D.	T.B.D.
PT-7	METAL RAIL PAINT	T.B.D.	T.B.D.
PT-8	EXT. STEEL PAINT	T.B.D.	T.B.D.
PT-9	STAIN, BEAM	T.B.D.	T.B.D.
PT-10	STAIN, CEILING	T.B.D.	T.B.D.
UF	UNFINISHED	N/A	
WD-1	TRIM BOARD	T.B.D.	1X4 MDF TRIM

GENERAL FINISH NOTES:

- 1. REFER TO FINISH SCHEDULE ON THIS SHEET AND SPECIFICATIONS IN PROJECT MANUAL FOR DETAILED INFORMATION FOR EACH MATERIAL
- 2. REFER TO ENLARGED PLANS AND INTERIOR ELEVATIONS FOR TOILET ACCESSORIES AND ADDITIONAL DETAILS
- 3. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS/ALIGNMENTS
- 4. PAINTING SUBCONTRACTOR/FIELD SUPERVISOR TO CONFER WITH ARCHITECT AFTER PRIMING WALLS AND CEILING TO REVIEW FINAL FINISH LOCATIONS OF PAINT COLORS, WALL HUNG ARTWORK, SURFACE TREATMENTS, ETC
- 5. COVE BASE SHALL BE USED AT ALL RESILIENT FLOORING LOCATIONS, USE ROLL GOODS ONLY. NO SEAM SHALL OCCUR WITHIN 6" OF OUTSIDE CORNER
- 6. THE GENERAL CONTRACTOR SHALL SUBMIT TO ARCHITECT THE CARPET INSTALLERS SEAMING AND/OR INSTALLATION PLAN FOR REVIEW AND APPROVAL
- PRIOR TO INSTALLING CARPET 7. PROVIDE PRIME COAT OF PAINT ONE SHADE LIGHTER THAN FINAL COAT, PROVIDE
- TWO COATS OF EGGSHELL LATEX PAINT ON ALL WALLS, UNO; REFER TO SPECIFICATIONS.
- 8. ALL INTERIOR GYPSUM BOARD WALLS TO PAINTED PT-3, UNO. 9. GYPSUM BOARD CEILING TO BE PAINTED PT-1, UNO.
- 10. ARCHITECT WILL REVIEW ALTERNATES FOR REASONS OF PRODUCT AVAILABILITY, UNREASONABLE LEAD TIME, AND/OR OWNER-REQUESTED CHANGES, BUT RESERVES THE RIGHT TO REJECT ANY AND ALL PROPOSED ALTERNATES THAT DO NOT MEET THE DESIGN INTENT.
- 11. CARPET TRANSITION TO OCCUR AT CENTER LINE OF DOOR UNO. 12. USE SCHLUTER-SCHIENE FLOOR TRANSITIONS AT ALL FLOOR MATERIAL CHANGES. G.C. TO COORDINATE WITH FINAL MATERIAL THICKNESS. ALL TRANSITIONS MUST BE
- ADA COMPLIANT. FINISH: AKB 13. AREAS NOTED <u>UNFINISHED</u> ARE TO RECEIVE GYPSUM BOARD AS INDICATED; SCREWED AND TAPED ONLY (OR AS REQUIRED TO MAINTAIN RATINGS)
- 14. PROVIDE FLOOR FINISHES BELOW SINKS, COUNTERTOPS, CABINETS, AND OTHER OVERHANGING FEATURES TO MATCH ADJACENT FINISH

FINISH TAG KEY:

ROOM NAME **ROOM NUMBER** FLOOR WALL1

WALL FINISHES ARE INTENDED TO BE THE PRIMARY FINISH ON THE INDICATED WALL. THE WALL FINISH CORRESPONDS TO THE FINISH OF THE FACING BASE W4 W2 WALL AS THOUGH THE TAG WERE INSERTED IN THE CENTER OF THE ROOM. REF: INTERIOR ELEVATIONS AREA WALL3 FOR ADDITIONAL FINISH INFORMATION.

FLOOR FINISH LEGEND:



RUBBER FLOORING

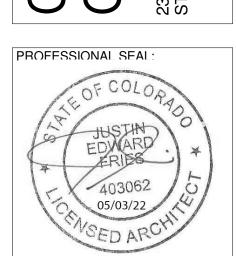


SEALED CONCRETE

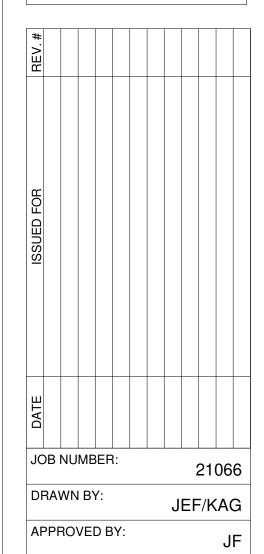


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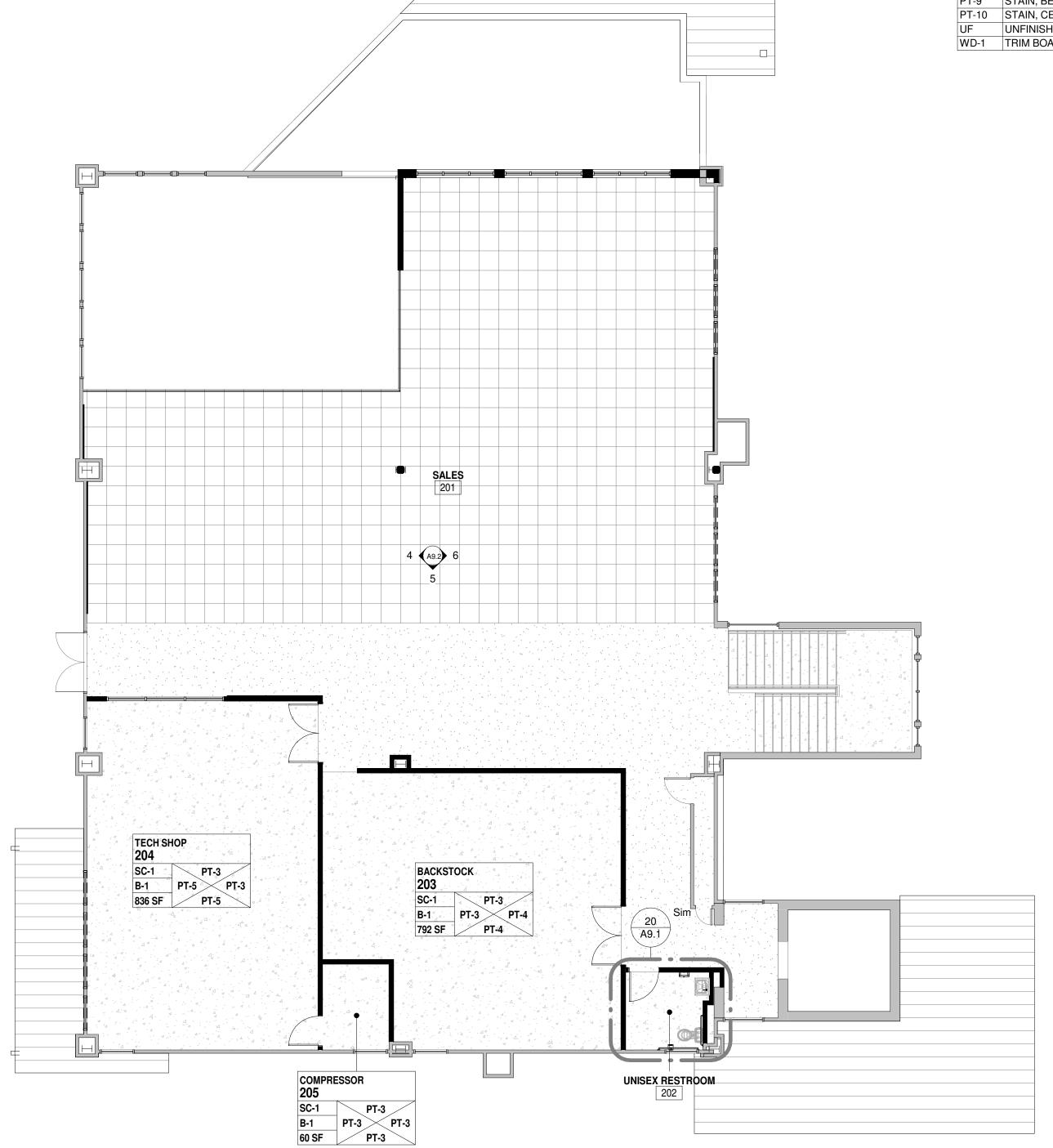
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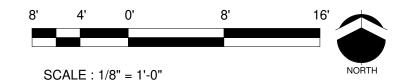
DATE:

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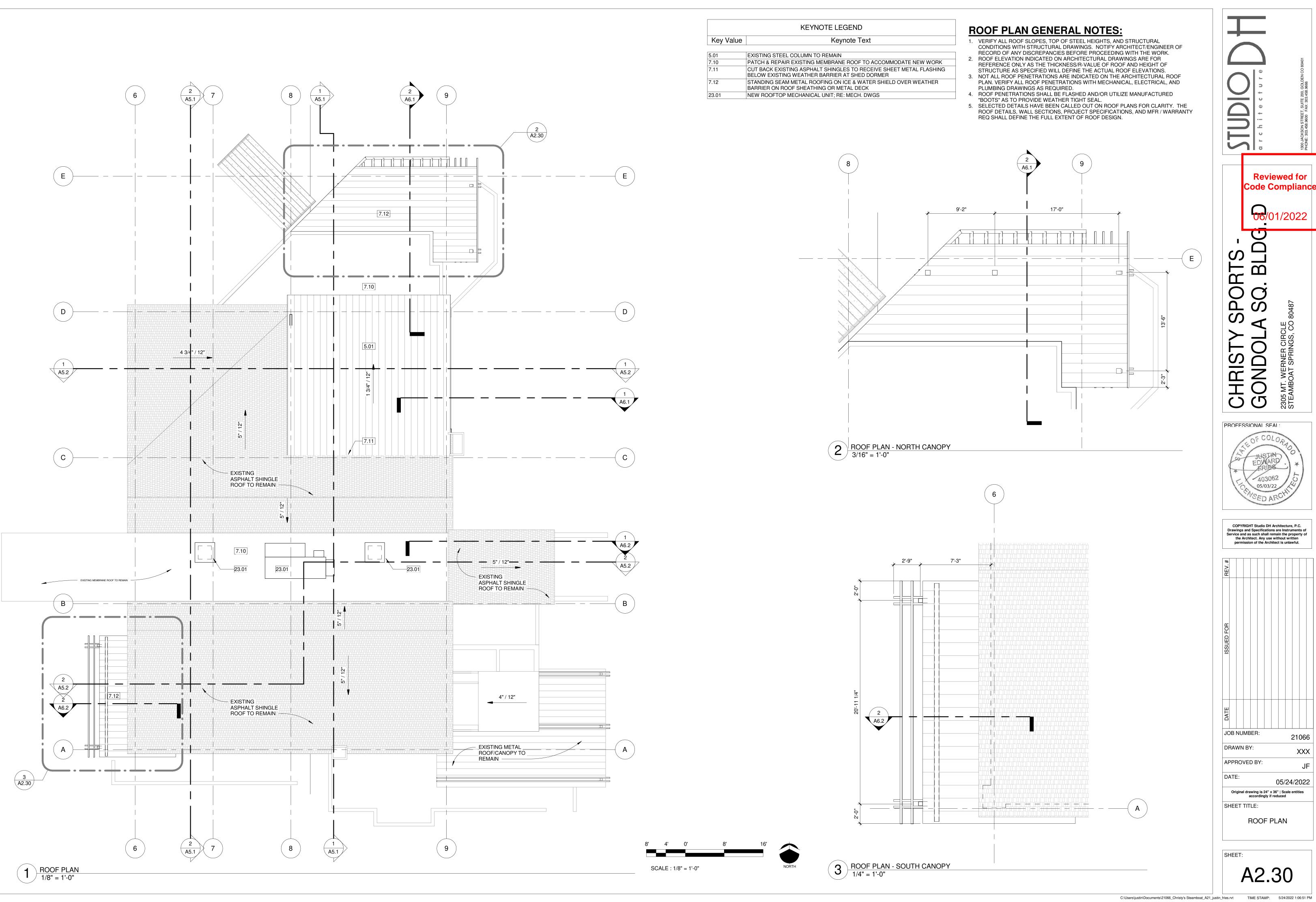
FINISH PLAN

05/24/2022



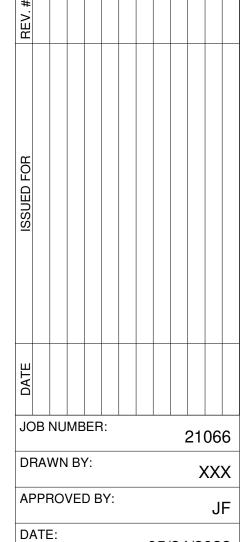


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SHEET TITLE: **ROOF PLAN**

A2.30

					Key Va	lue	KEYNOTE LEC
					5.05 5.06	EXPOSED METAL DECK, PAINT EXISTING STEEL BEAM, PAINT	
	6 <u>2</u> A5.1	7	8 1 A5.1	2 A6.1			
				!			
(E)						E	
D					 	D	
1					 	1	
A5.2					 	A5.2 1 A6.1	
				5.05			
C				5.06		C	
						A6.2 A5.2	
B						B	
2 A5.2 A6.2							
, w. Z							
(A)———						A	

SCALE: 1/8" = 1'-0"

1 LEVEL 00 - REFLECTED CEILING PLAN 1/8" = 1'-0"

REFLECTED CEILING PLAN GENERAL NOTES:

- 1. LIGHTING SHOWN FOR REFERENCE ONLY. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SPECS AND LOCATIONS.
- 2. REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS AND RETURN GRILLES. 3. COORDINATE LAYOUT OF LIGHTING FIXTURES WITH HVAC CONTRATOR.
- 4. ALL DOWNLIGHTS AND WALL WASHERS TO BE CENTERED IN ACOUSTICAL TILE, OR CENTERED IN A SEGMENT OF AN EMBOSSED ACOUSTIC TILE IN BOTH
- 5. ALL ACT TO BE CENTERED IN ROOM UNO. SEE REFLECTED PLAN FOR LAYOUT AND LOCATION. 6. REMOTELY LOCATE ALL DEVICES, JUNCTION BOXES, HVAC CONTROLS AND SHUT
- OFF VALVES IN AREAS TO RECEIVE DRYWALL CEILINGS. 7. FOR WALL SCONCE HEIGHTS AND LAYOUT SEE ELECTRICAL DRAWINGS AND INTERIOR & EXTERIOR ELEVATIONS.
- 8. VERIFY THAT ALL LIGHT FIXTURE MFGR'S MOUNTING REQUIREMENTS (I.E. HEIGHTS, CONCEALED TRANSFORMER LOCATIONS) CAN BE INSTALLED WITHIN ACTUAL CONSTRUCTION PRIOR TO ORDERING LIGHT FIXTURES, NOTIFY ARCHITECT FOR CLARIFICATION OF DISCREPANCIES.
- 9. GYP BD CEILINGS & SOFFITS TO BE PAINTED UNO.
- 10. ACCESS PANELS ARE TO BE PROVIDED AS NEEDED FOR MAINTENANCE. FINISH TO MATCH ADJACENT WALL.

LIGHT FIXTURE LEGEND:

2X2 TROFFER PENDANT X RECESSED CAN LIGHT VANITY LIGHT 2X4 TROFFER

HVAC 2X2 DIFFUSER

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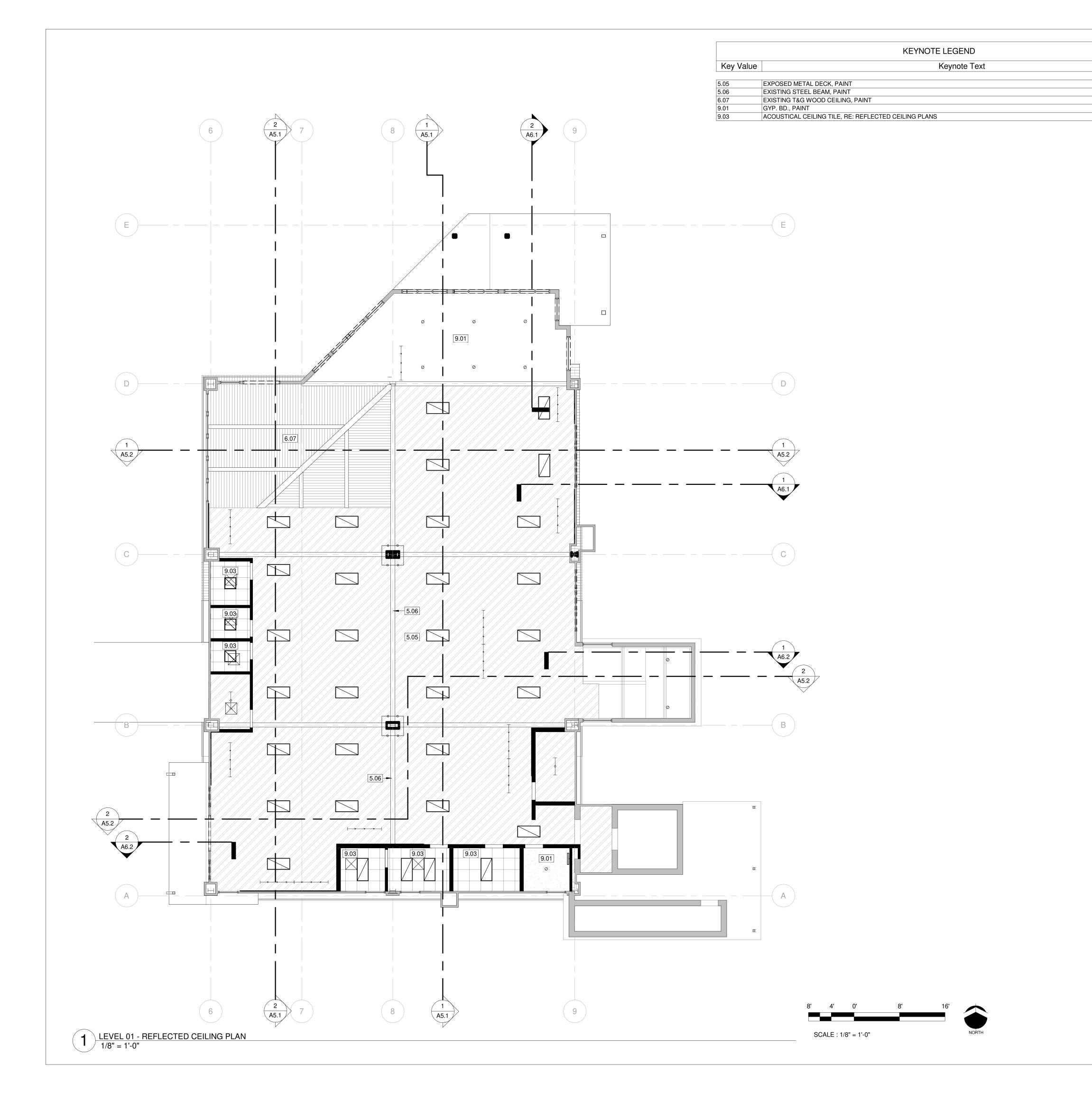
JOB NUMBER: DRAWN BY:

XXX APPROVED BY:

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SHEET TITLE:

REFLECTED CEILING



REFLECTED CEILING PLAN GENERAL NOTES:

LIGHTING SHOWN FOR REFERENCE ONLY. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SPECS AND LOCATIONS.

2. REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS AND RETURN GRILLES.

3. COORDINATE LAYOUT OF LIGHTING FIXTURES WITH HVAC CONTRATOR. 4. ALL DOWNLIGHTS AND WALL WASHERS TO BE CENTERED IN ACOUSTICAL TILE,

OR CENTERED IN A SEGMENT OF AN EMBOSSED ACOUSTIC TILE IN BOTH 5. ALL ACT TO BE CENTERED IN ROOM UNO. SEE REFLECTED PLAN FOR LAYOUT

6. REMOTELY LOCATE ALL DEVICES, JUNCTION BOXES, HVAC CONTROLS AND SHUT OFF VALVES IN AREAS TO RECEIVE DRYWALL CEILINGS.

7. FOR WALL SCONCE HEIGHTS AND LAYOUT SEE ELECTRICAL DRAWINGS AND INTERIOR & EXTERIOR ELEVATIONS. 8. VERIFY THAT ALL LIGHT FIXTURE MFGR'S MOUNTING REQUIREMENTS (I.E.

HEIGHTS, CONCEALED TRANSFORMER LOCATIONS) CAN BE INSTALLED WITHIN ACTUAL CONSTRUCTION PRIOR TO ORDERING LIGHT FIXTURES, NOTIFY ARCHITECT FOR CLARIFICATION OF DISCREPANCIES. 9. GYP BD CEILINGS & SOFFITS TO BE PAINTED UNO.

10. ACCESS PANELS ARE TO BE PROVIDED AS NEEDED FOR MAINTENANCE. FINISH TO MATCH ADJACENT WALL.

LIGHT FIXTURE LEGEND:

2X2 TROFFER

AND LOCATION.

PENDANT

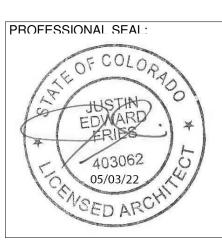
RECESSED CAN LIGHT

VANITY LIGHT

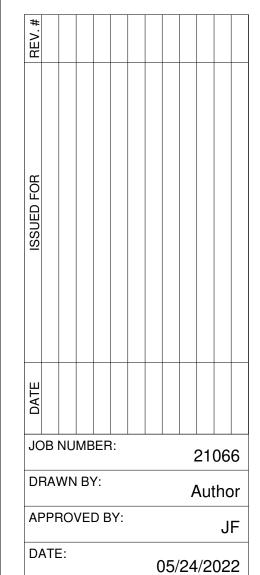
HVAC 2X2 DIFFUSER

2X4 TROFFER

Reviewed for Code Compliance



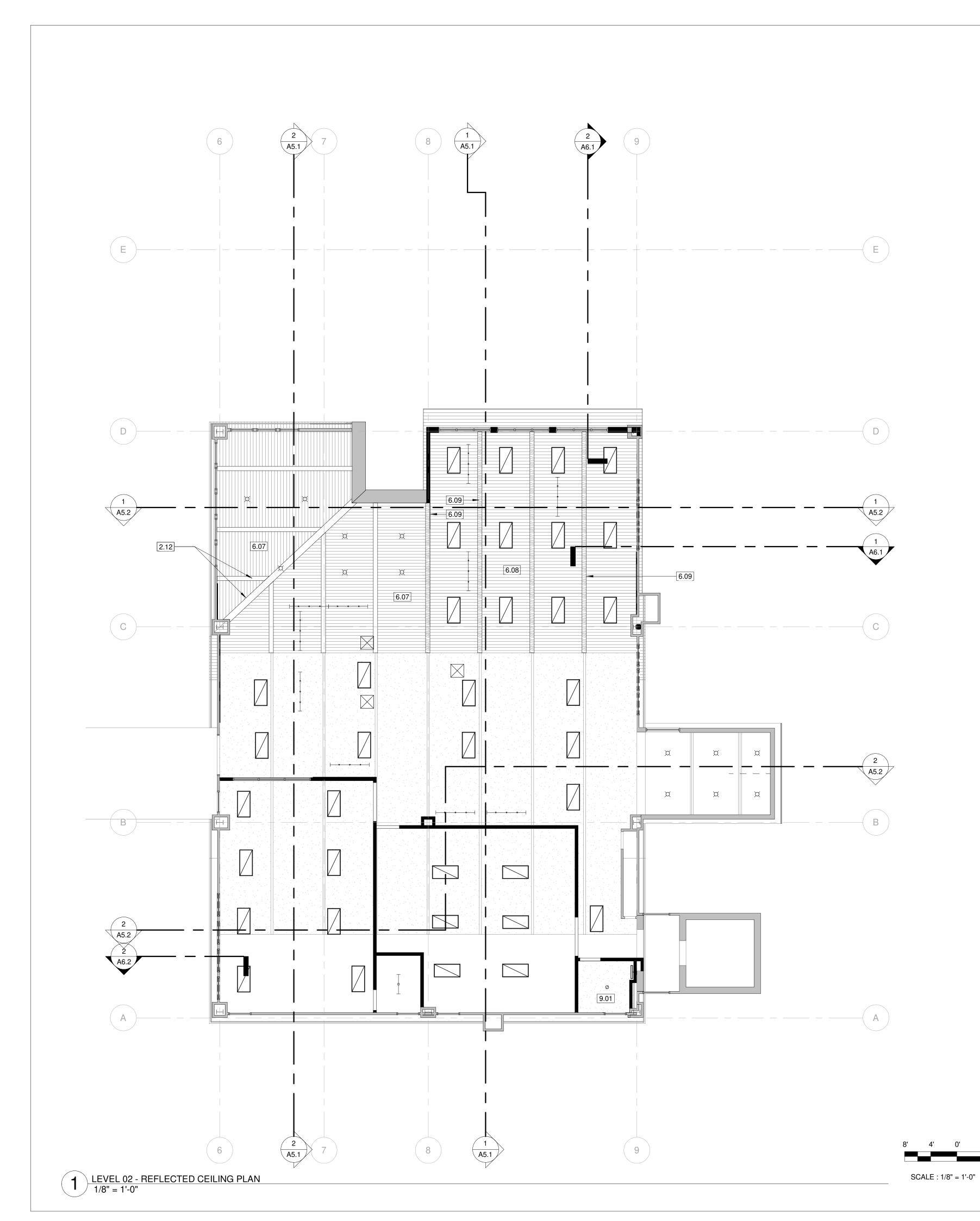
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SHEET TITLE:

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REFLECTED CEILING PLAN



	KEYNOTE LEGEND
Key Value	Keynote Text
2.12	EXISTING GLULAM WOOD BEAM TO REMAIN
6.07	EXISTING T&G WOOD CEILING, PAINT
6.08	2X TONGUE & GROOVE WOOD DECKING TO MATCH EXISTING, PAINT
6.09	GLULAM WOOD BEAM, RE: STRUCT. DWGS. STAIN TO MATCH EXISTING

GYP. BD., PAINT

REFLECTED CEILING PLAN GENERAL NOTES:

- LIGHTING SHOWN FOR REFERENCE ONLY. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SPECS AND LOCATIONS.
- FOR LIGHT FIXTURE SPECS AND LOCATIONS.

 2. REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS AND RETURN GRILLES.

 3. COORDINATE LAYOUT OF LIGHTING FIXTURES WITH HVAC CONTRATOR.
- COORDINATE LAYOUT OF LIGHTING FIXTURES WITH HVAC CONTRATOR.
 ALL DOWNLIGHTS AND WALL WASHERS TO BE CENTERED IN ACOUSTICAL TILE, OR CENTERED IN A SEGMENT OF AN EMBOSSED ACOUSTIC TILE IN BOTH DIRECTIONS UNO.
- 5. ALL ACT TO BE CENTERED IN ROOM UNO. SEE REFLECTED PLAN FOR LAYOUT AND LOCATION.
- REMOTELY LOCATE ALL DEVICES, JUNCTION BOXES, HVAC CONTROLS AND SHUT OFF VALVES IN AREAS TO RECEIVE DRYWALL CEILINGS.
 FOR WALL SCONCE HEIGHTS AND LAYOUT SEE ELECTRICAL DRAWINGS AND
- INTERIOR & EXTERIOR ELEVATIONS.

 8. VERIFY THAT ALL LIGHT FIXTURE MFGR'S MOUNTING REQUIREMENTS (I.E. HEIGHTS, CONCEALED TRANSFORMER LOCATIONS) CAN BE INSTALLED WITHIN ACTUAL CONSTRUCTION PRIOR TO ORDERING LIGHT FIXTURES, NOTIFY ARCHITECT FOR CLARIFICATION OF DISCREPANCIES.
- GYP BD CEILINGS & SOFFITS TO BE PAINTED UNO.
 ACCESS PANELS ARE TO BE PROVIDED AS NEEDED FOR MAINTENANCE. FINISH TO MATCH ADJACENT WALL.

LIGHT FIXTURE LEGEND:

2X2 TROFFER

PENDANT

□ RECESSED CAN LIGHT

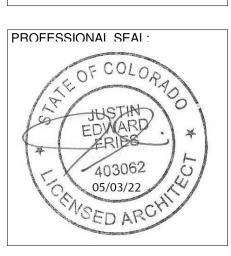
VANITY LIGHT

HVAC 2X2 DIFFUSER

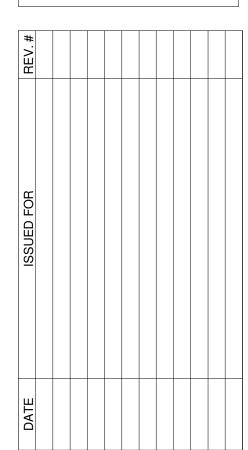
2X4 TROFFER

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APPROVED BY:

DATE: 05/24/2022

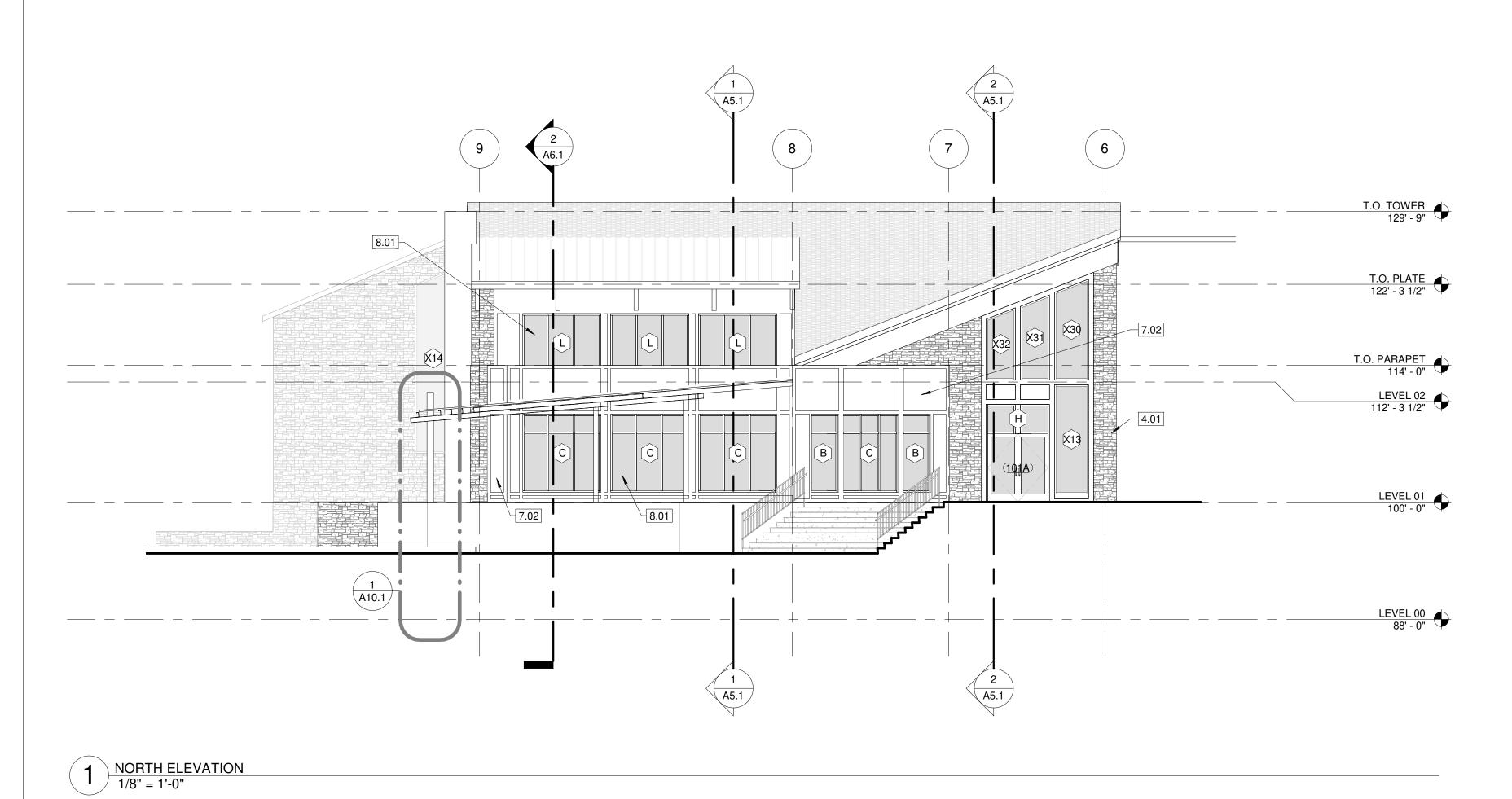
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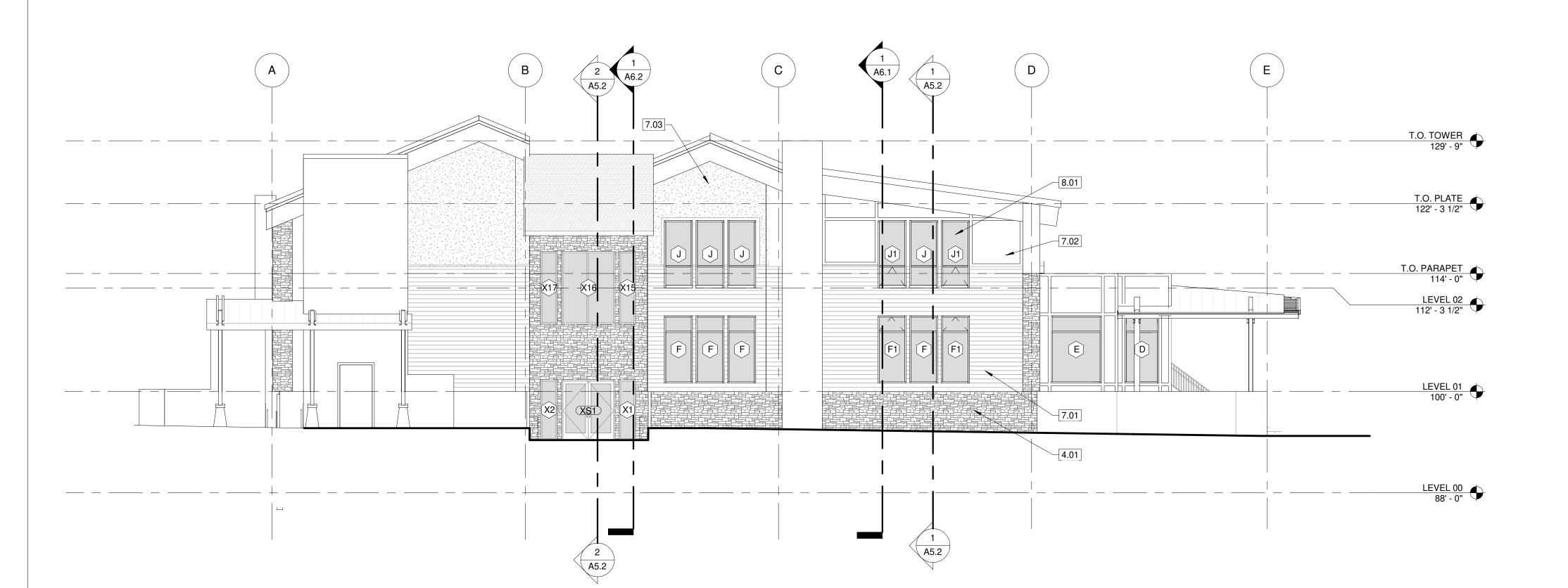
SHEET TITLE:

PLAN

REFLECTED CEILING

A3.13





2 EAST ELEVATION 1/8" = 1'-0"

BUILDING ELEVATIONS GENERAL NOTES:

- REFER TO FLOOR PLANS FOR DIMENSIONS AND LOCATIONS OF OPENINGS.
 REFER TO A8.1 FOR DOOR AND WINDOW SCHEDULE AND ELEVATIONS.
 OPENINGS FOR DOORS, WINDOWS, LOUVERS, ETC MUST BE VERIFIED WITH MFR ROUGH OPENING REQUIREMENTS.
 ARCHITECTURAL DIMENSION PLANS ARE INTENDED TO LOCATE FEATURES OF THE BUILDING AND ARE NOT INTENDED TO BE USED AS CONSTRUCTION COORDINATION DRAWINGS.

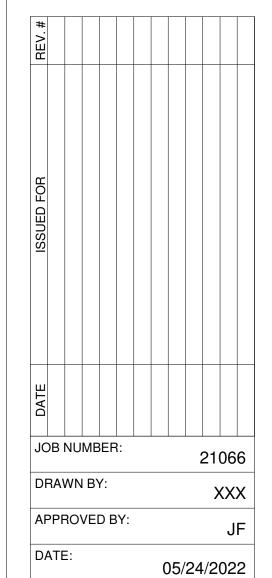
KEYNOTE LEGEND						
Key Value	Keynote Text					
4.01	NEW SUNSET STONE ADHERED STONE VENEER SYSTEM, COLOR: FIELD STONE, MATCH EXISTING					
7.01	6" FIBER CEMENT LAP SIDING ON EXISTING SHEATHING, PAINT					
7.02	BOARD AND 4" BATTEN FIBER CEMENT PANEL SIDING ON EXISTING SHEATHING, PAINT					
7.03	EXISTING STUCCO, REPAIR DAMAGED AREAS, PAINT					

ALUMINUM STOREFRONT WITH 1" INSULATED GLAZING, COLOR: DARK BRONZE ANODIZED

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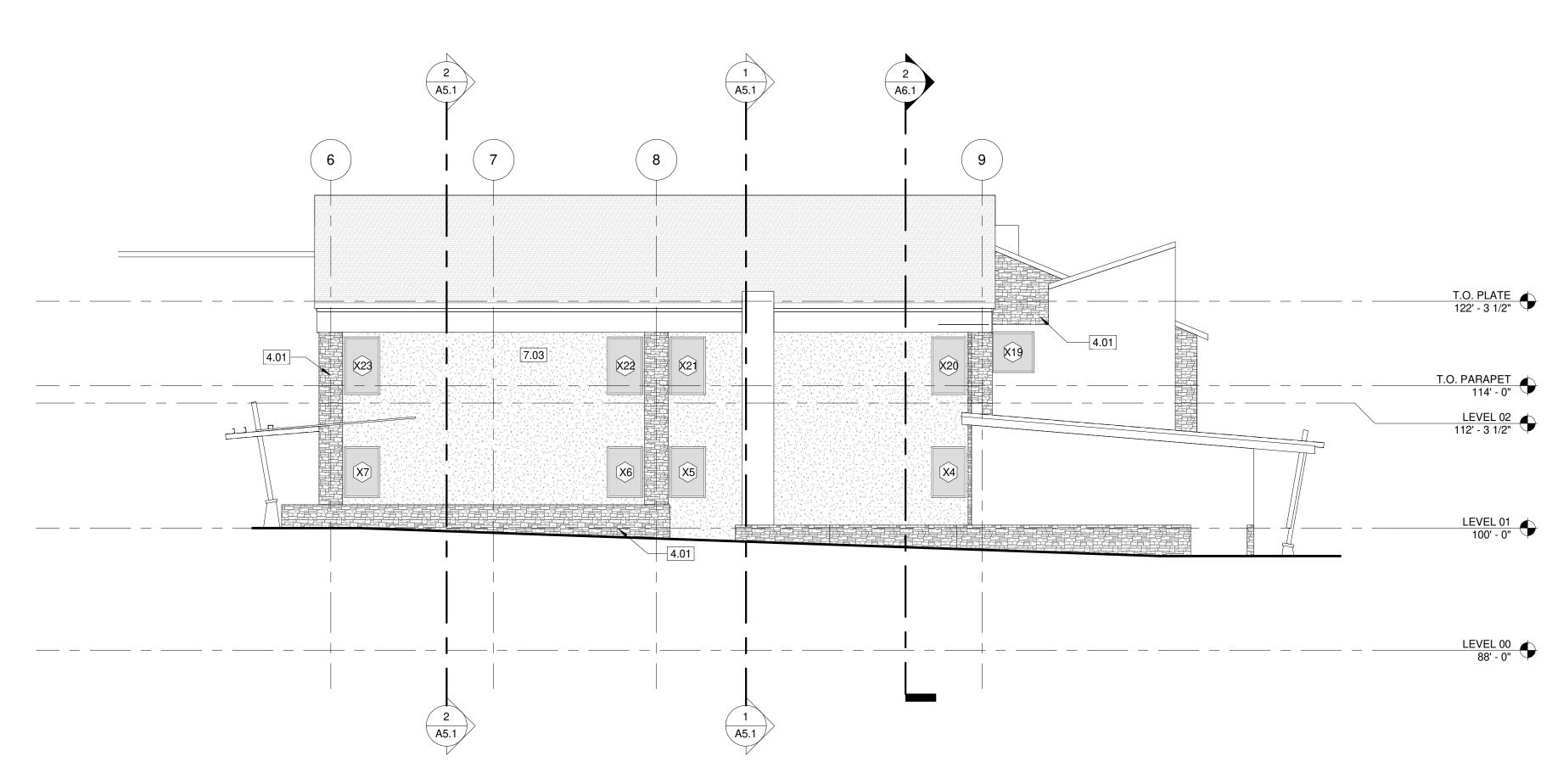


EXTERIOR ELEVATIONS

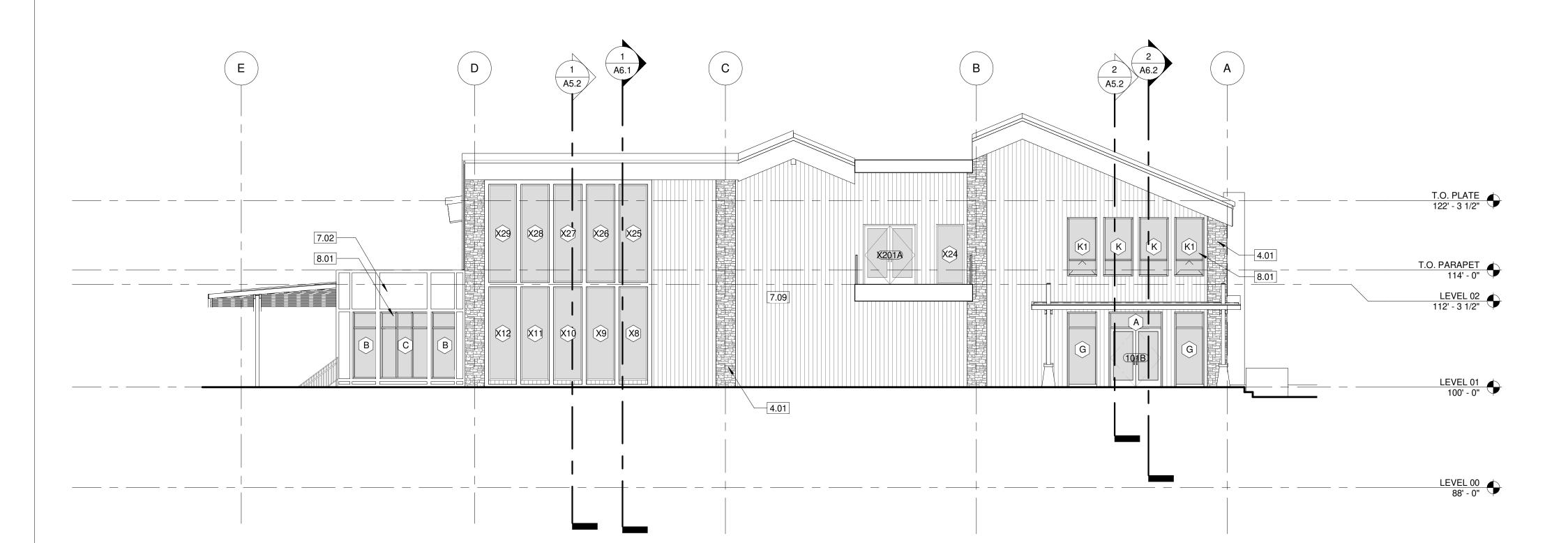
SHEET TITLE:

A4.1

Original drawing is 24" x 36" | Scale entities accordingly if reduced



SOUTH ELEVATION 1/8" = 1'-0"



2 WEST ELEVATION 1/8" = 1'-0"

BUILDING ELEVATIONS GENERAL NOTES:

REFER TO FLOOR PLANS FOR DIMENSIONS AND LOCATIONS OF OPENINGS.
 REFER TO A8.1 FOR DOOR AND WINDOW SCHEDULE AND ELEVATIONS.
 OPENINGS FOR DOORS, WINDOWS, LOUVERS, ETC MUST BE VERIFIED WITH MFR ROUGH OPENING REQUIREMENTS.
 ARCHITECTURAL DIMENSION PLANS ARE INTENDED TO LOCATE FEATURES OF THE BUILDING AND ARE NOT INTENDED TO BE USED AS CONSTRUCTION COORDINATION DRAWINGS.

KEYNOTE LEGEND									
Key Value	Keynote Text								
4.01	NEW SUNSET STONE ADHERED STONE VENEER SYSTEM, COLOR: FIELD STONE, MATCH EXISTING								
7.02	BOARD AND 4" BATTEN FIBER CEMENT PANEL SIDING ON EXISTING SHEATHING, PAINT								
7.03	EXISTING STUCCO, REPAIR DAMAGED AREAS, PAINT								
7.09	EXISTING VERTICAL SIDING, PAINT								

ALUMINUM STOREFRONT WITH 1" INSULATED GLAZING, COLOR: DARK BRONZE ANODIZED

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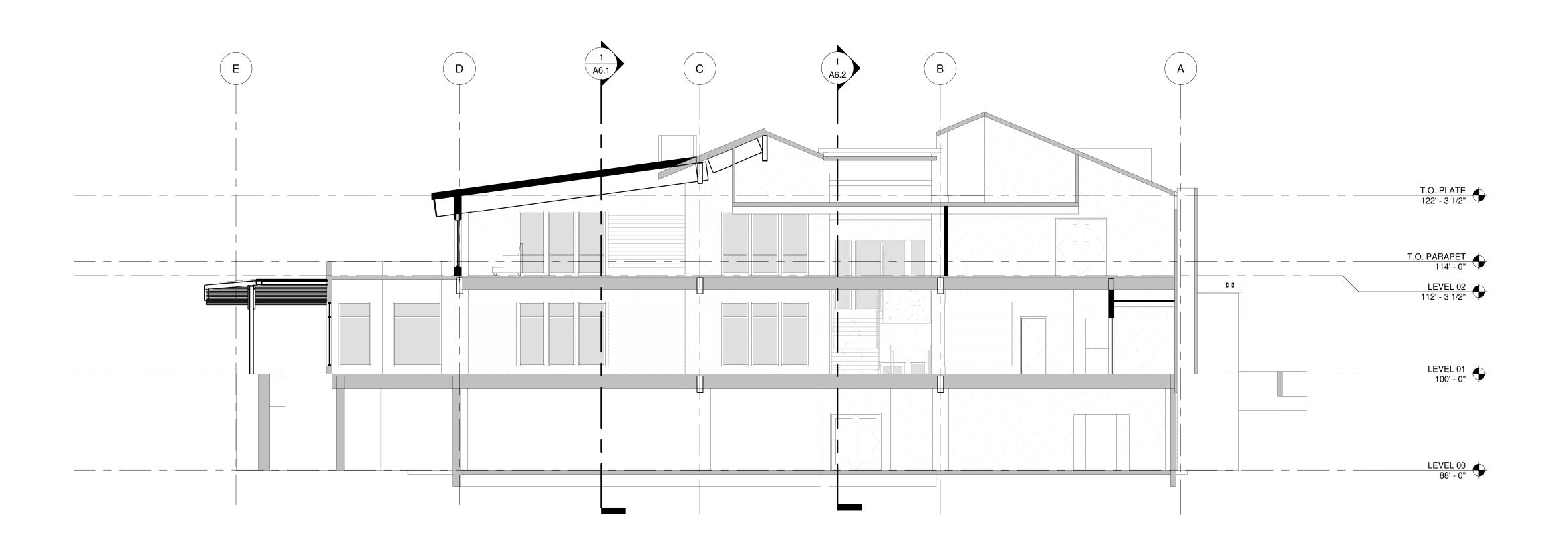
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> SHEET TITLE: **EXTERIOR**

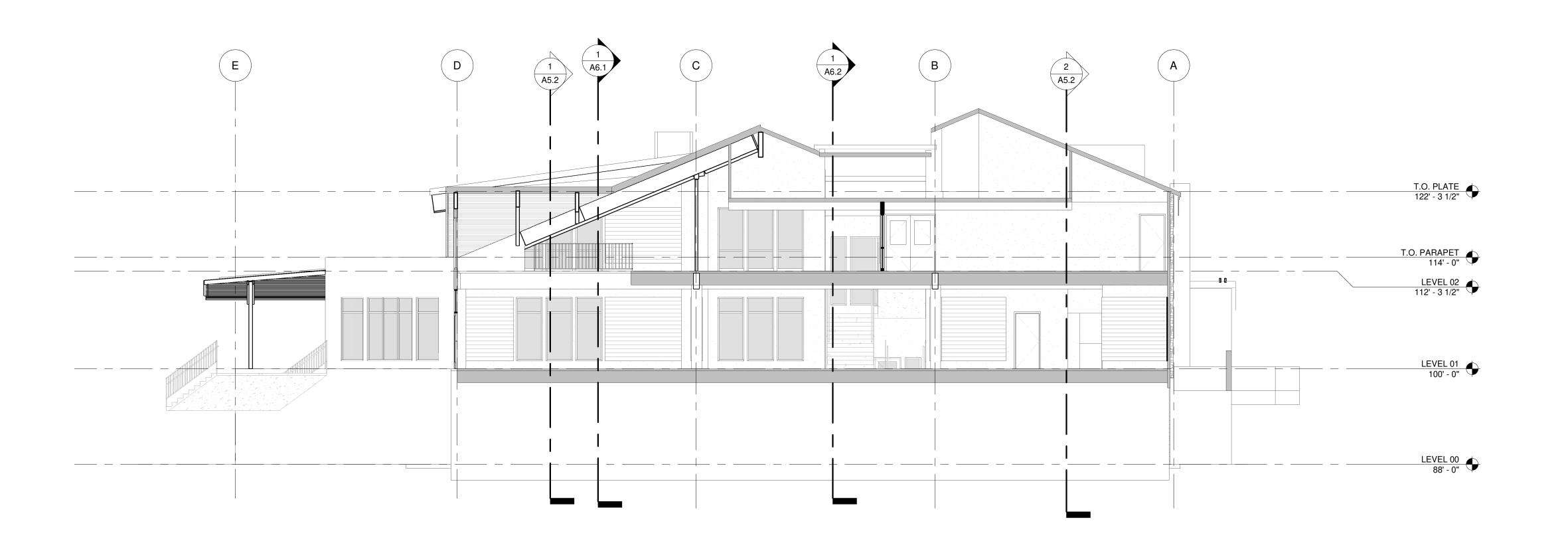
A4.2

ELEVATIONS



BUILDING SECTION AT UPPER ADDITION
1/8" = 1'-0"

BUILDING SECTION AT NORTH ENTRY
1/8" = 1'-0"

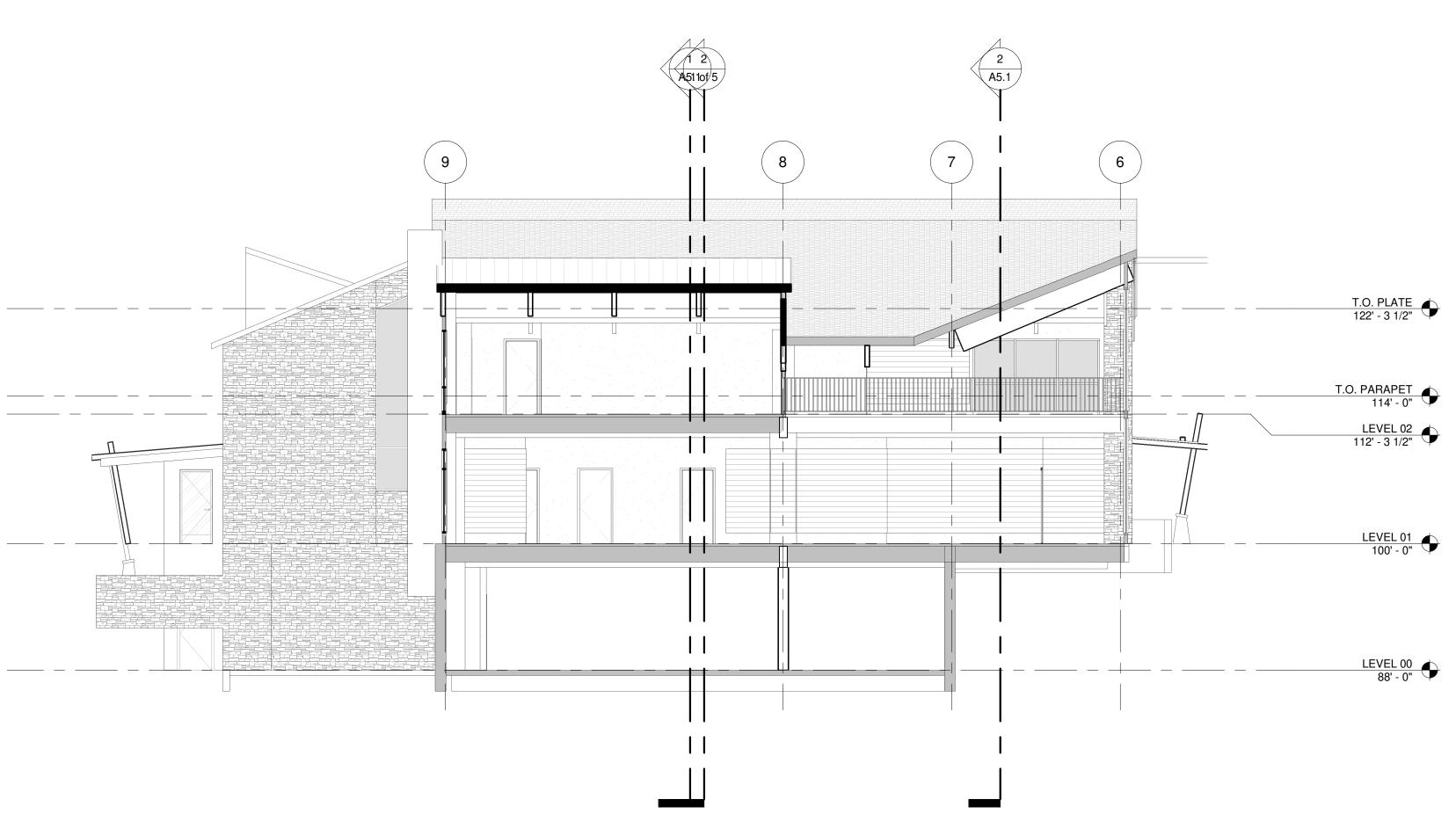


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CUEET

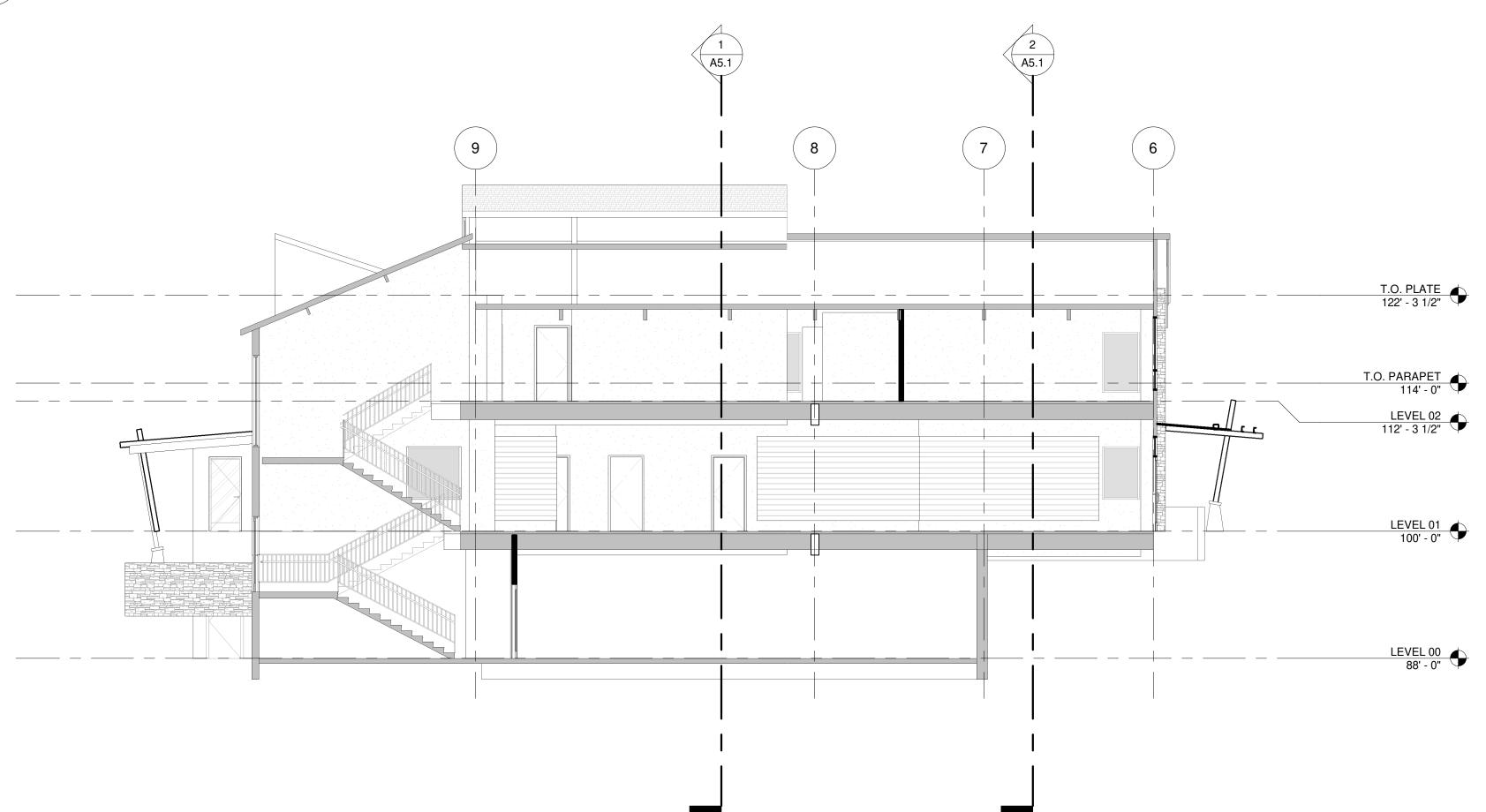
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A5.1



BUILDING SECTION AT NORTH ENTRY / UPPER ADDITION

1/8" = 1'-0"

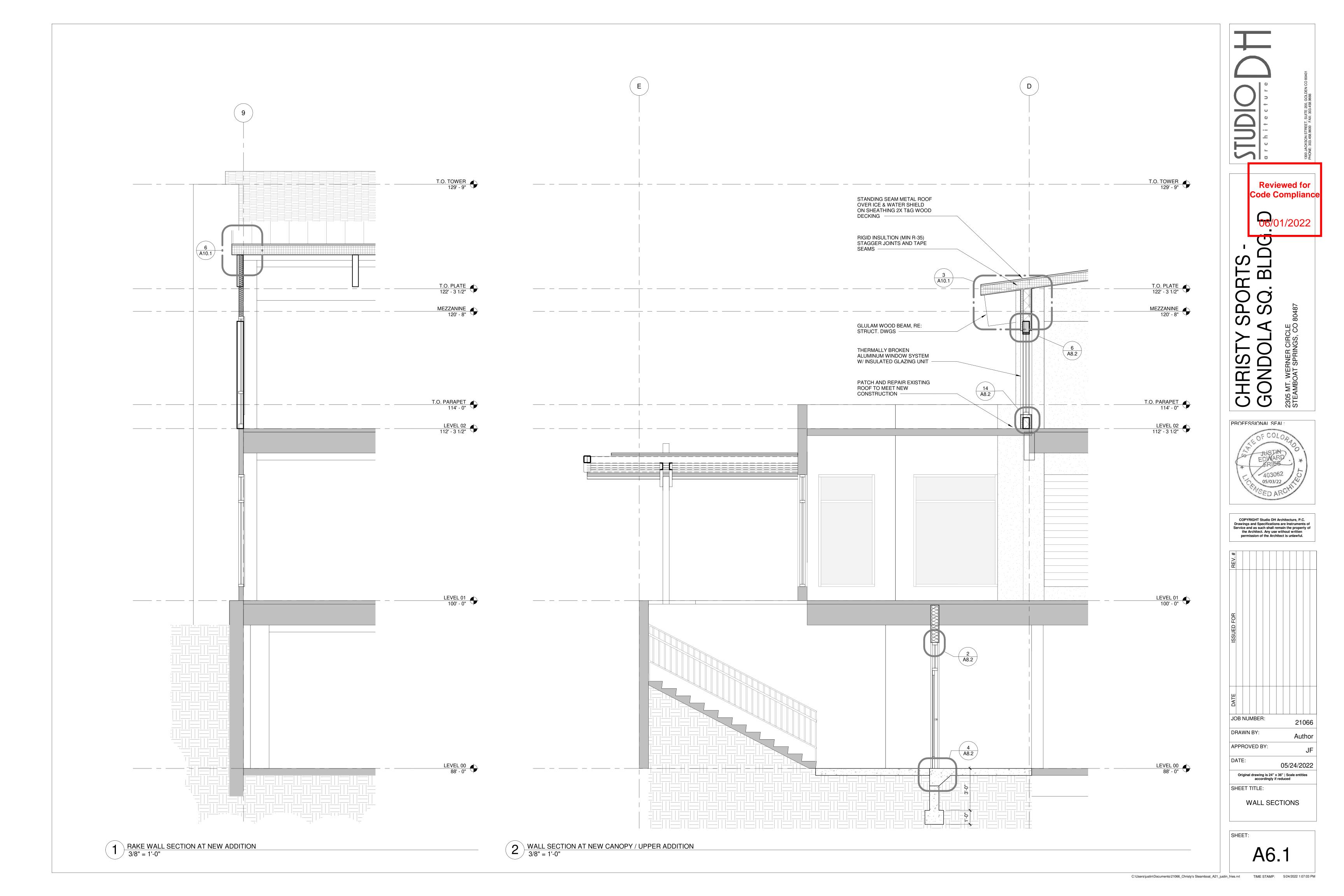


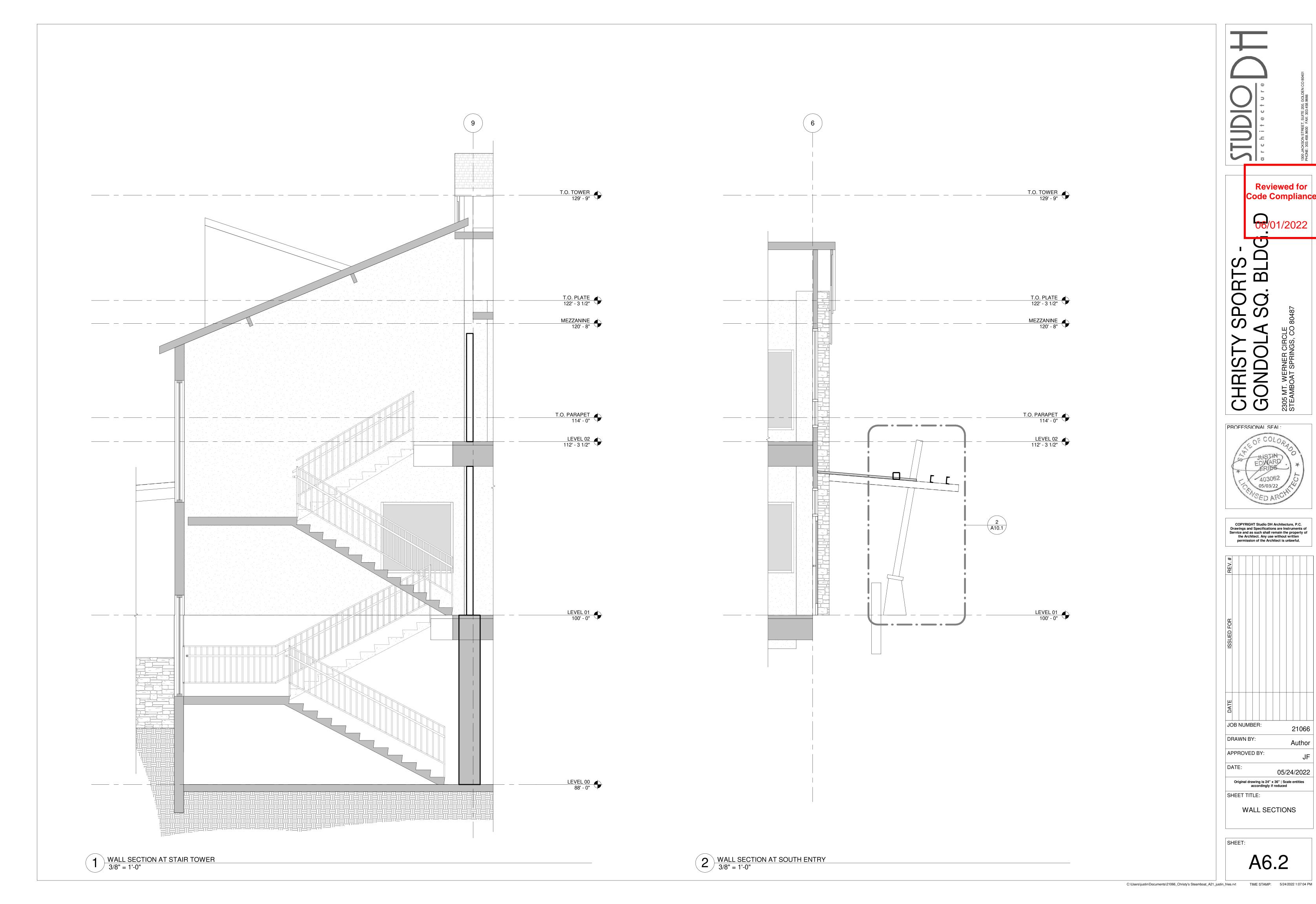
2 BUILDING SECTION AT STAIR / SOUTH ENTRY 1/8" = 1'-0"

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A5.2

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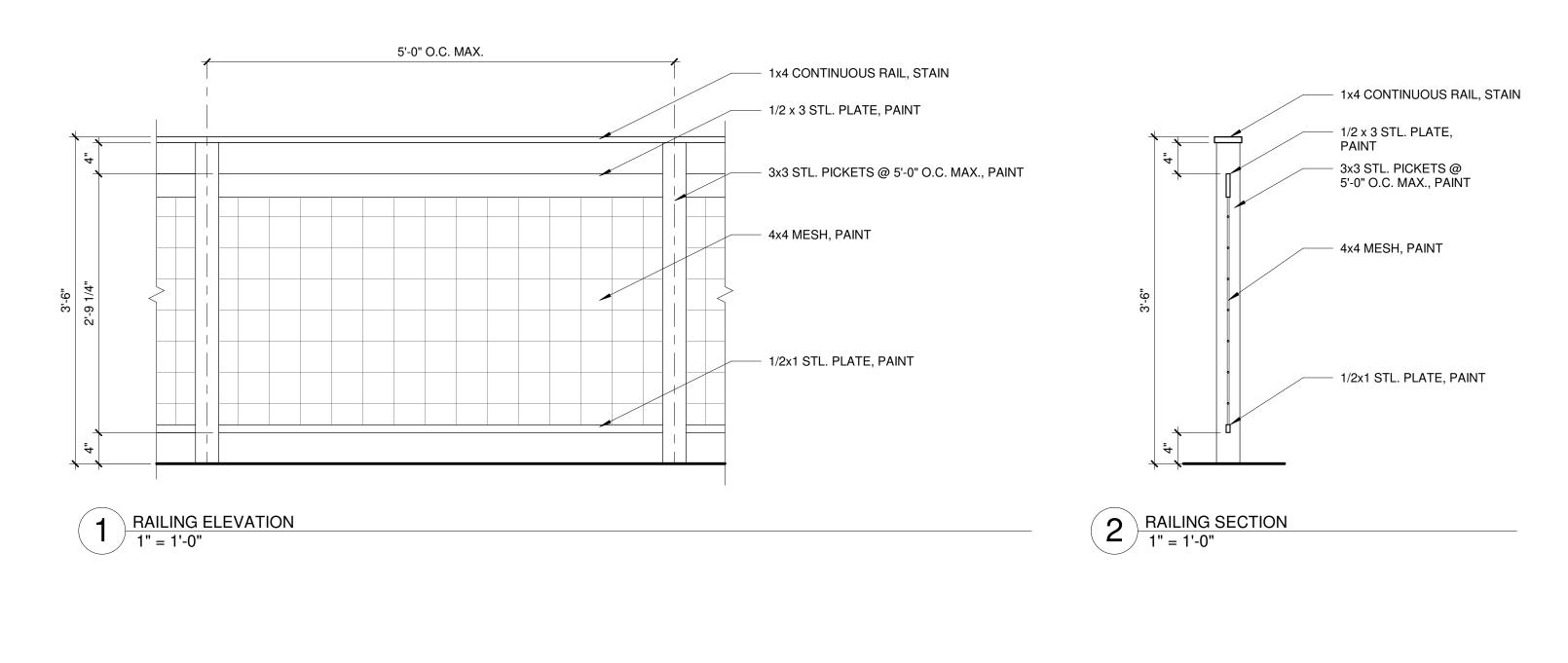
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SHEET TITLE:

A6.2

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WALL SECTIONS





DOOR FRAME TYPES:

FR-2

INTERIOR GYPSUM

BOARD OPENING @

STUDWALL

	DOOR & FRAME SCHEDULE													
	Door						Fra	ame		Details				
Door		Fini		Single/								Harware		
Number	Type	sh	Width	Pair		Thickness	Type	Finish	Head	Jamb	Sill	Set	Comments	
	- 71				1 1019111		- 7			3 30 1 1 1 3		1		
001A	SF	AL	6' - 0"	Pair	7' - 0"	1 3/4"	INT	AL	INT					
001B	FG	AL	6' - 0"	Pair	7' - 0"	1 3/4"	FR-1	PT						
003	F	PT	3' - 0"	Single	7' - 0"	1 3/4"	FR-1	PT						
101A	SF	AL	6' - 2"	Pair	7' - 0"	1 3/4"	INT	AL	INT				VERIFY SIZE IN FIELD	
101B	SF	AL	6' - 0"	Pair	7' - 0"	1 3/4"	INT	AL	INT					
102	SL	ST	3' - 0"	Single	7' - 0"	1 1/2"	FR-2	PT					WIDTH & HEIGHT INDICATE GYP. BD. OPENING SIZE; RE: DOOR SCHEDULE FOR BARNDOOR DIMENSIONS	
103	SL	ST	3' - 0"	Single	7' - 0"	1 1/2"	FR-2	PT					WIDTH & HEIGHT INDICATE GYP. BD. OPENING SIZE; RE: DOOR SCHEDULE FOR BARNDOOR DIMENSIONS	
104	SL	ST	3' - 0"	Single	7' - 0"	1 1/2"	FR-2	PT					WIDTH & HEIGHT INDICATE GYP. BD. OPENING SIZE; RE: DOOR SCHEDULE FOR BARNDOOR DIMENSIONS	
105	F	ST	3' - 0"	Single	7' - 0"	1 3/4"	FR-1	PT						
106	L	ST	3' - 0"	Single	7' - 0"	1 3/4"	FR-1	PT						
107	F	ST	3' - 0"	Single	7' - 0"	1 3/4"	FR-1	PT						
108	F	ST	3' - 0"	Single	7' - 0"	1 3/4"	FR-1	PT						
109	F	ST	3' - 0"	Single	7' - 0"	1 3/4"	FR-1	PT						
110	F	ST	3' - 0"	Single	7' - 0"	1 3/4"	FR-1	PT						
202	F	ST	3' - 0"	Single	7' - 0"	1 3/4"	FR-1	PT						
203	F	ST	6' - 0"	Pair	7' - 0"	1 3/4"	FR-1	PT						
204	G	ST	6' - 0"	Pair	7' - 0"	1 3/4"	FR-1	PT						
205	F	ST	3' - 0"	Single	7' - 0"	1 3/4"	FR-1	PT						
X004	EX	EX	3' - 0"	Single	7' - 0"	1 3/4"	EX	EX	-	-	_	EX	EXISTING DOOR TO REMAIN	
X005	EX	EX	3' - 0"	Single	7' - 0"	1 3/4"	EX	EX	-	-	-	EX	EXISTING DOOR TO REMAIN	
X201A	EX	EX	6' - 0"	Pair	7' - 0"	1 3/4"	EX	EX	-	-	-	EX	EXISTING DOOR TO REMAIN	
X201B	EX	PT	2' - 8"	Single	7' - 0"	1 3/4"	EX	EX	-	-	-	EX	EXISTING DOOR TO REMAIN	
X201C	EX	PT	1' - 8"	Single	7' - 0"	1 3/4"	EX	EX	-	-	-	EX	EXISTING DOOR TO REMAIN	
XS1	EX	EX	6' - 0"	Pair	7' - 0"	1 3/4"	EX	EX	-	-	-	EX	EXISTING DOOR TO REMAIN	

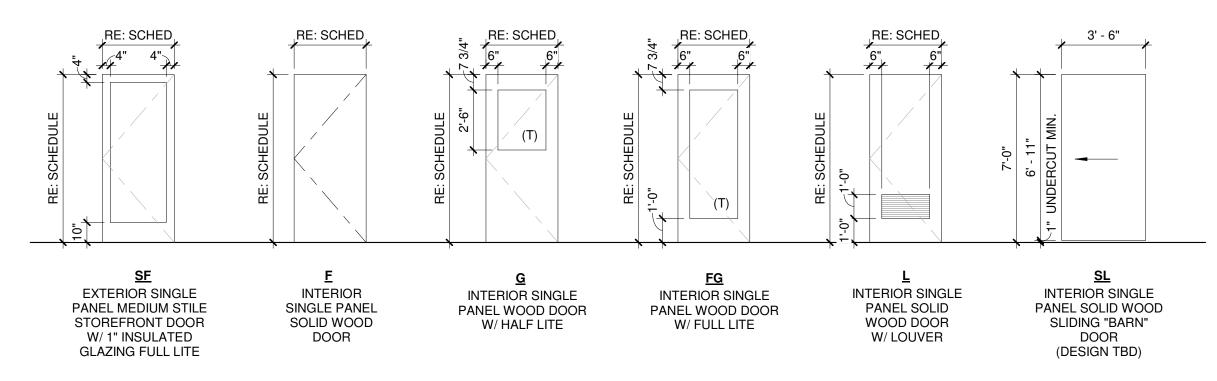
DOOR LEAF TYPES:

<u>FR-1</u>

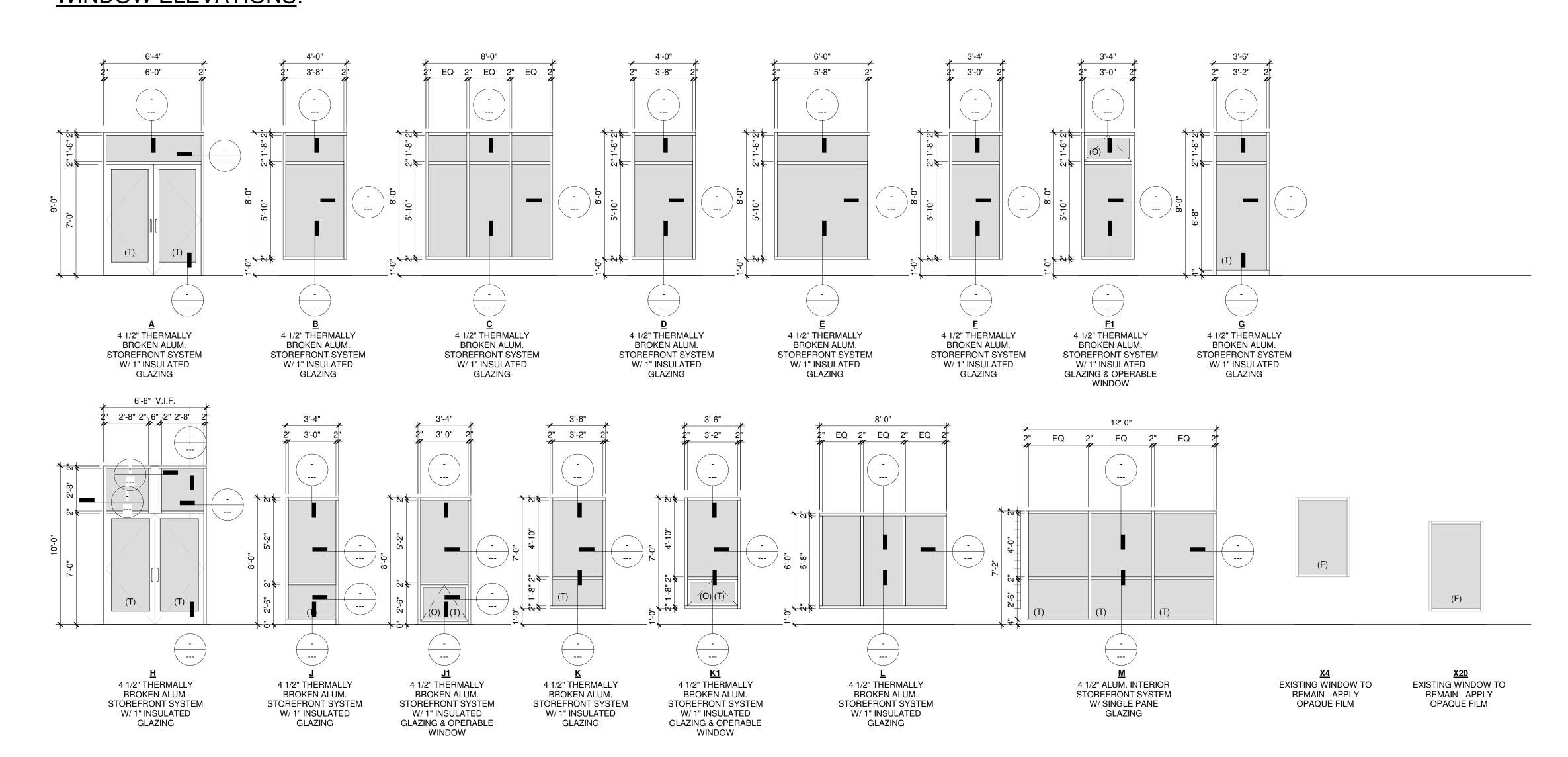
INTERIOR HOLLOW

METAL FRAME @

STUDWALL



WINDOW ELEVATIONS:



DOOR AND WINDOW GENERAL NOTES

- 1. REFER TO PROJECT SPECIFICATIONS FOR DETAILED REQUIREMENTS FOR MANUFACTURE, FINISHING, AND INSTALLATION.
- 2. DOORS, WINDOWS, HARDWARE AND OPERATORS SHALL COMPLY WITH LOCAL JURISDICTION ADOPTED BUILDING CODES AND NFPA 101 "LIFE SAFETY CODE"
- CURRENT EDITION. 3. DOORS AND WINDOWS SHALL BE IN CONFORMANCE WITH WINDOW AND DOOR MANUFACTURERS ASSOCIATION (WDMA) AND/OR STEEL DOOR INSTITUTE (SDI)
- ARCHITECTURAL WOODWORK INSTITUTE (AWI) STANDARDS. 4. ALL WOOD DOORS SHALL BE "CUSTOM GRADE" OR BETTER UNO AND STAINED IN

PUBLISHED STANDARDS. GRADES OF CUSTOM DOORS ARE AS DEFINED BY

- 5. ALL INTERIOR WOOD DOORS TO BE BIRCH SELECT WHITE UNO. 6. ALL DOORS FACING EXTERIOR SHALL CONTAIN INTEGRAL BOARD INSULATION
- APPROPRIATE FOR THE CLIMATE. 7. ALL GLASS AT EXTERIOR PERIMETER OF WALL IN DOORS AND WINDOWS TO BE 1" CLEAR INSULATED LOW E GLAZING WITH A U-FACTOR NOT TO EXCEED .55 AND A
- SHGC NOT TO EXCEED .40. LITES IN INTERIOR DOORS NEED ONLY BE SINGLE PANE GLAZING. 8. LITES SHALL BE HEAT STRENGTHENED AS REQUIRED BY CODES.
- 9. AT ANY DOOR THAT OPENS IN SUCH A WAY AS TO STRIKE A WALL, WALL PROTECTION HARWARE SHALL BE PROVIDED WITH APPROPRIATE CONCEALED BLOCKING TO PREVENT WALL DAMAGE.
- 10. DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34 INCHES MIN AND 48 INCHES MAX ABOVE THE FINISHED FLOOR. LOCKS USED ONLY FOR SECURITY PURPOSES AND NOT USED FOR NORMAL OPERATION ARE PERMITTED AT ANY HEIGHT.
- 11. ALL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. ALL HARDWARE TO BE IBC / ANSI / ADA COMPLIANT.
- 12. ALL STOREFRONT DOOR AND WINDOW FRAME FINISH TO BE DARK BRONZE TO MATCH EXISTING.

DOOR TYPE/FINISH ACRONYMS ARE DEFINED AS FOLLOWS:

SCW SOLID CORE WOOD HOLLOW METAL (DOOR, FRAME, MATERIAL) OHC OVERHEAD COILING

OPERABLE OPAQUE FILM

TEMPERED GLAZING

WOOD (MATERIAL) PAINT

ST STAIN INTERGRAL

ANNODIZED ALUMINUM (DARK BRONZE) EXISTING TO REMAIN

HARDWARE SETS:

SEE PROJECT MANUAL

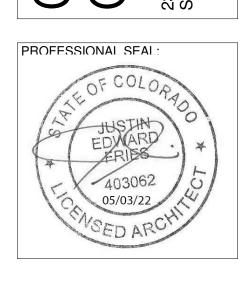
HW SET 1: PRIVACY

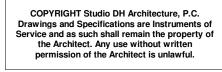
HW SET 2: STOREROOM HW SET 3: EXIT/ENTRY

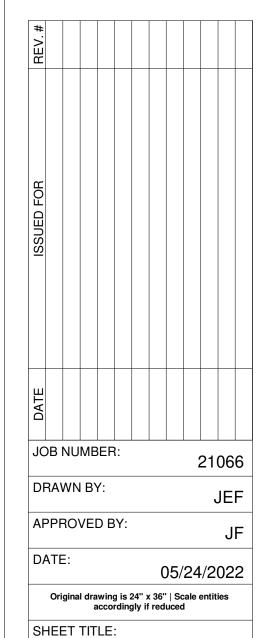
HW SET 4: PASSAGE HW SET 5: BARN DOOR

Reviewed for

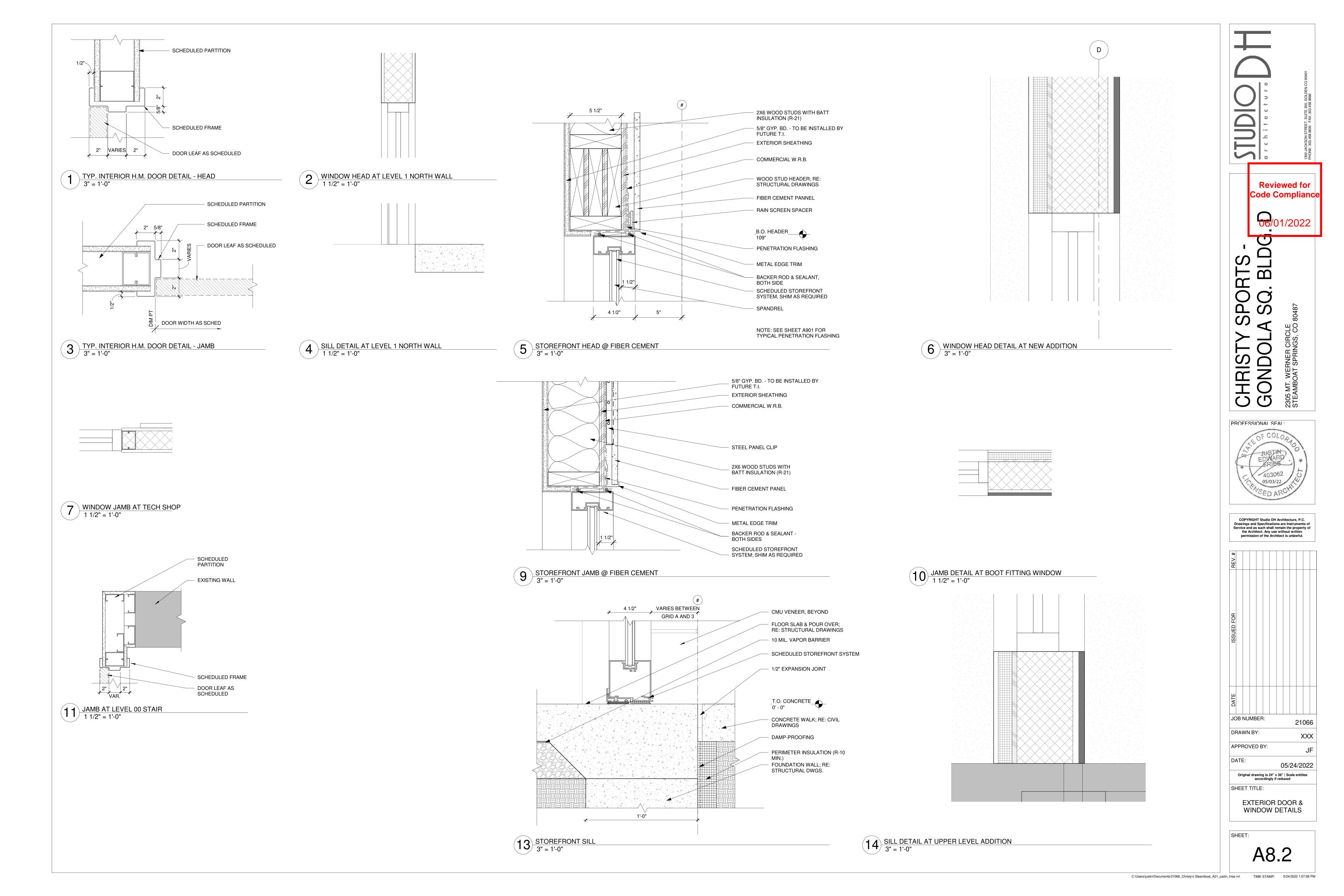
Code Compliance

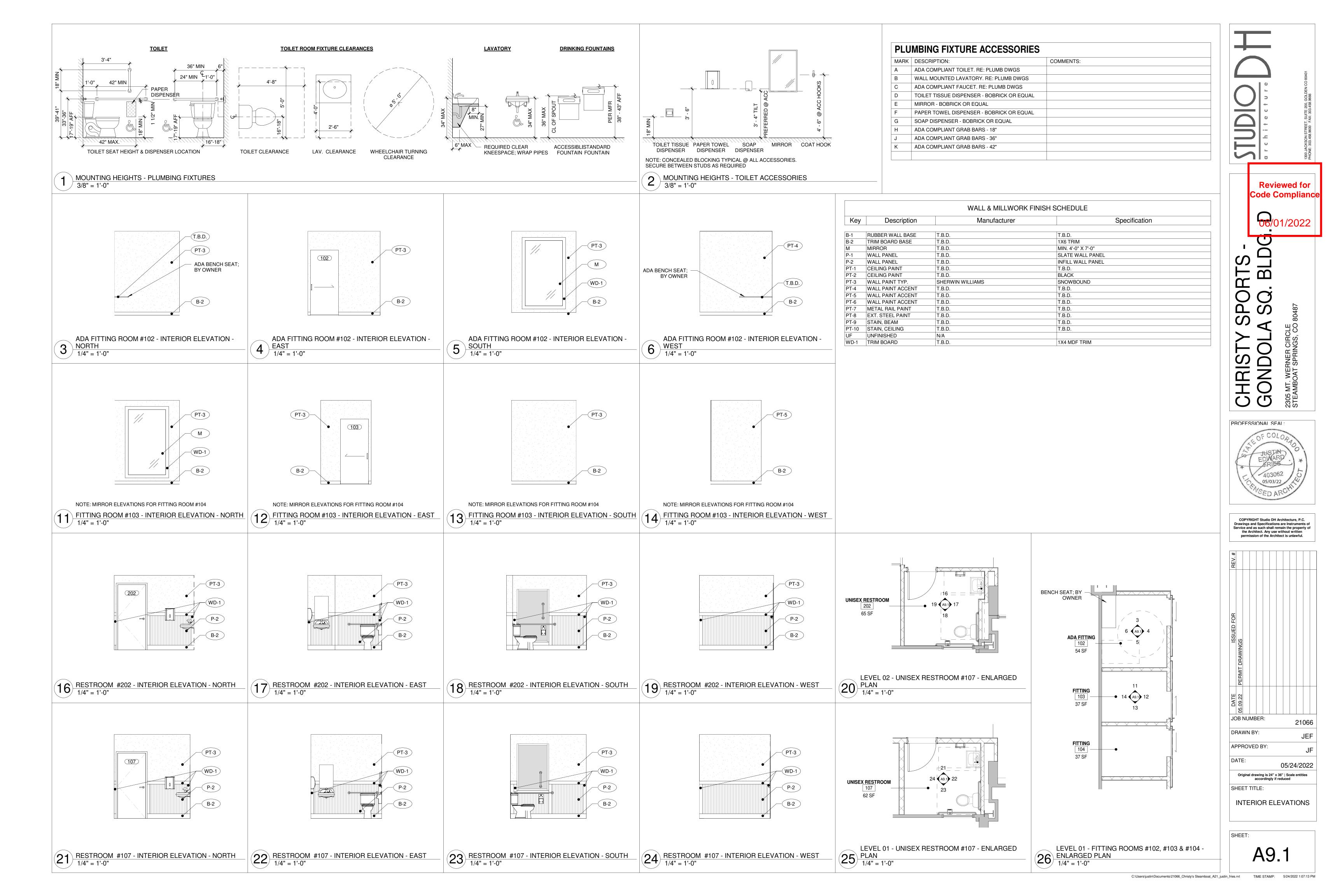


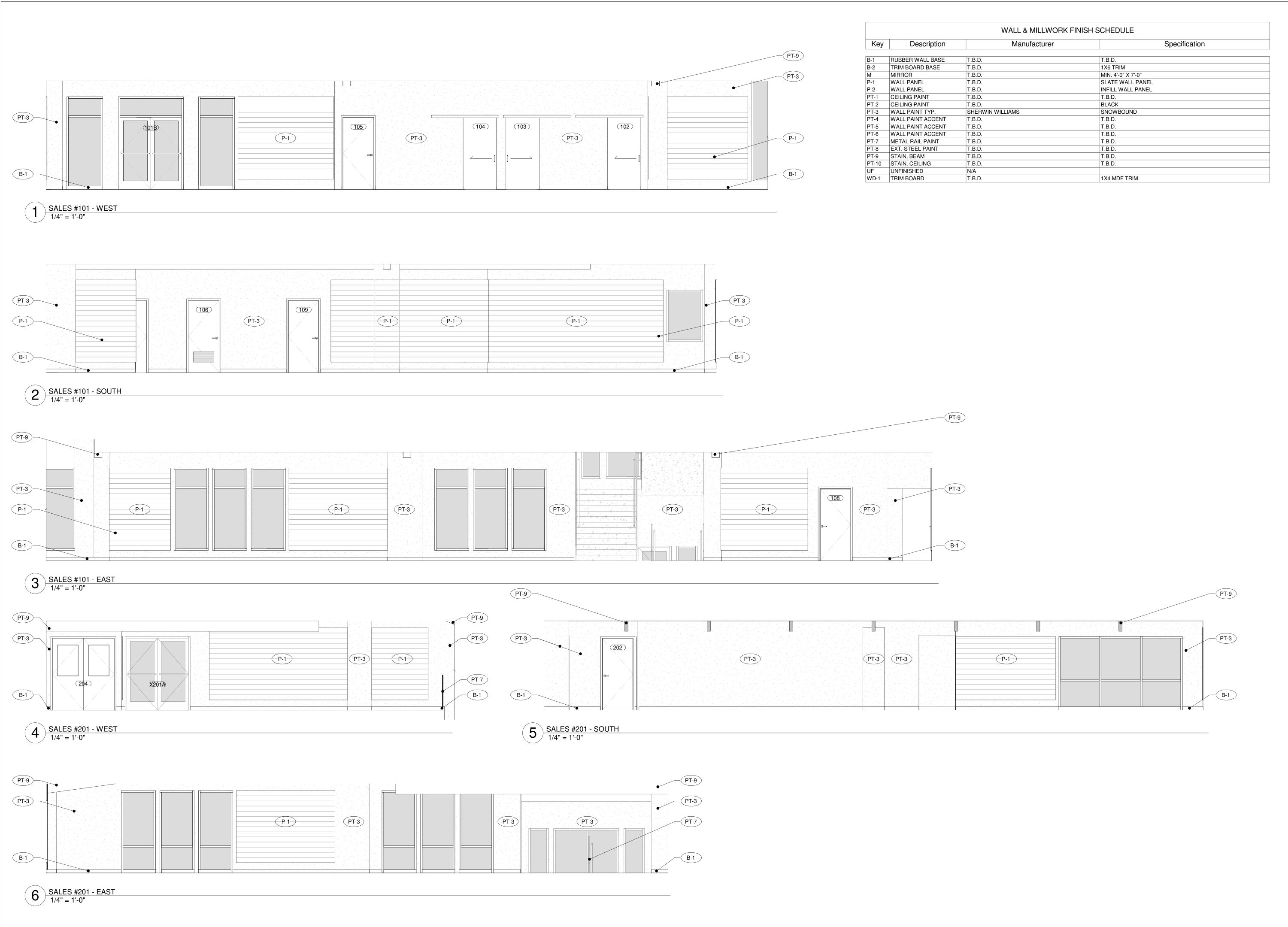


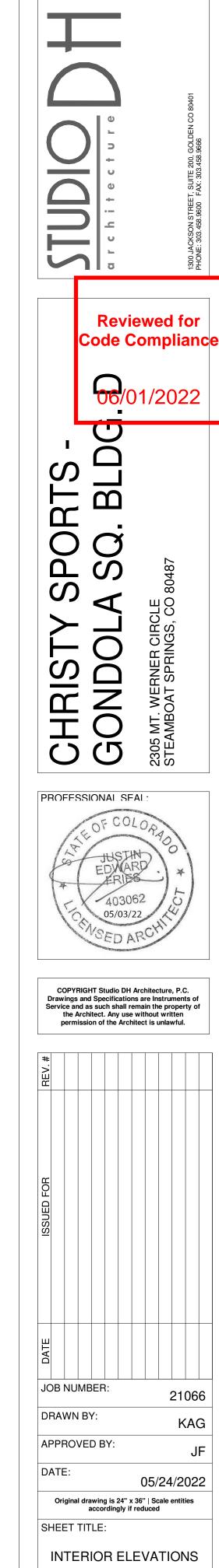


DOOR & WINDOW SCHEDULES









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