

SUPERVISOR OF ELECTIONS BUILDING TI

PROJECT TEAM

OWNER	ARCHITECT	STRUCTURAL ENGINEER	MECHANICAL ENGINEER	PLUMBING ENGINEER	ELECTRICAL ENGINEER
 <p>Address: 1898 Burtleigh Blvd. City, State, Zip: Tallahassee, FL 32378</p> <p>CONTACT: County Representative: Alan Hays, Supervisor of Elections Bob Bridgeman, Assistant Supervisor of Elections Office: 352-343-9734 alan@lakevotes.gov bob@lakevotes.gov</p>	 <p>CONTACT: LENNARD DAVIS lennard@ff-ae.com 888-850-3323</p>	 <p>CONTACT: CHRIS SMITH chris@ff-ae.com 888-850-3323</p>	 <p>1058 Palm Cove Dr Orlando, FL 32835</p> <p>CONTACT: FARSHAD ANTIKCHI farshad@ingenotech.net 407-383-6560</p>	 <p>1058 Palm Cove Dr Orlando, FL 32835</p> <p>CONTACT: FARSHAD ANTIKCHI farshad@ingenotech.net 407-383-6560</p>	

SHEET SCHEDULE

REV. NO.	SHEET NAME	REVISION	REV. DATE
G-001	COVER SHEET		
G-002	CODE ANALYSIS		
G-003	ARCHITECTURE OVERALL SITE PLAN		
A-001	LIFE SAFETY PLAN - FIRST LEVEL		
A-002	SPECIFICATIONS		
A-003	SPECIFICATIONS		
A-004	SPECIFICATIONS		
A-005	SPECIFICATIONS		
A-006	SPECIFICATIONS		
A-007	SPECIFICATIONS		
A-008	SPECIFICATIONS		
A-009	SPECIFICATIONS		
A-010	SPECIFICATIONS		
A-011	SPECIFICATIONS		
A-101	FLOOR PLAN - EXISTING / DEMOLITION		
A-102	FLOOR PLANS		
A-103	ROOF PLANS		
A-201	EXISTING & NEW BUILDING ELEVATIONS		
A-202	3D VIEW		
A-301	BUILDING SECTION		
A-302	BUILDING SECTION		
A-303	WALL SECTIONS		
A-304	WALL SECTIONS		
A-401	REFLECTED CEILING PLAN - PROPOSED		
A-501	ENLARGED PLAN AND INTERIOR ELEVATIONS 100 AND 104		
A-502	ENLARGED PLAN AND INTERIOR ELEVATIONS 102		
A-503	ENLARGED PLAN AND INTERIOR ELEVATIONS 105 AND 106		
A-504	ENLARGED PLAN AND INTERIOR ELEVATIONS 108		
A-505	ENLARGED PLAN AND INTERIOR ELEVATIONS 108 AND 109		
A-506	ENLARGED PLAN AND INTERIOR ELEVATIONS 109 AND 117		
A-507	ENLARGED PLAN AND INTERIOR ELEVATIONS 120 AND 121		
A-508	ENLARGED PLAN AND INTERIOR ELEVATIONS 122		
A-509	ENLARGED PLAN AND INTERIOR ELEVATIONS 125 AND 126		
A-510	ENLARGED PLAN AND INTERIOR ELEVATIONS 127, 128 AND 129		
A-511	ENLARGED PLAN AND INTERIOR ELEVATIONS 130, 131, 132, 143 AND 145		
A-512	ENLARGED PLAN AND INTERIOR ELEVATIONS 147, 149 AND 151		
A-513	ENLARGED PLAN AND INTERIOR ELEVATIONS 152, 153 AND 155		
A-514	STAIR ENLARGED PLAN AND SECTION		
A-601	DOOR & WINDOW TYPES & SCHEDULE		
A-701	ARCHITECTURAL DETAILS - WINDOWS/DOORS/FRONTS/DOORS		
A-702	ARCHITECTURAL DETAILS - CEILING FINISHES		
A-703	ARCHITECTURAL DETAILS - FINISHES		
A-704	ARCHITECTURAL DETAILS - WALLS		
A-705	ARCHITECTURAL DETAILS - STAIRS		
A-801	ADA DETAILS		
A-802	ADA SIGNAGE AND DETAILS		
A-901	FINISHES PLAN - FIRST LEVEL		
S001	STRUCTURAL NOTES		
S101	FOUNDATION PLAN		
S102	ROOF FRAMING PLAN		
SD101	FOUNDATION DETAILS - S.O.G.		
SD201	FRAMING DETAILS - ROOF		
E001	ELECTRICAL SPECIFICATIONS		
E101	ELECTRICAL DEMOLITION PLAN		
E201	POWER, SYSTEMS, AND LIGHTING PLAN		
E301	LIGHTNING PROTECTION PLAN		
E701	ELECTRICAL DIAGRAMS AND SCHEDULES		
E901	ELECTRICAL DETAILS		
M100	MECHANICAL LEGENDS, ABBREVIATIONS AND INDEX		
M101	MECHANICAL SPECIFICATIONS		
M200	MECHANICAL PLAN - DUCTWORK		
M300	MECHANICAL PLAN - PIPING/ ROOF PLAN		
M400	MECHANICAL EQUIPMENT SCHEDULE		
M401	MECHANICAL EQUIPMENT SCHEDULE		
M500	MECHANICAL DETAILS		
M501	MECHANICAL DETAILS		
P100	PLUMBING LEGENDS, ABBREVIATION AND INDEX		
P101	PLUMBING SPECIFICATIONS		
P200	PLUMBING FLOOR PLAN - SANITARY		
P201	PLUMBING FLOOR PLAN - WATER		
P400	PLUMBING FIXTURE SCHEDULE		
P500	PLUMBING DETAILS		
FS-100	FIRE PROTECTION GENERAL NOTES, LEGENDS, ABBREVIATION AND INDEX		
FS-101	FIRE PROTECTION SPECIFICATIONS		
FS-200	FIRE SPRINKLER FLOOR PLAN		
FS-201	FIRE SPRINKLER FLOOR PLAN		
FS-300	FIRE SPRINKLER DETAILS		
FS-400	FIRE PENETRATION DETAILS		
FS-401	FIRE PENETRATION DETAILS		

ABBREVIATIONS

ADDL	ADDITIONAL	MECH	MECHANICAL
A.F.F.	ABOVE FINISH FLOOR	MTL	METAL
A.F.G.	ACUSTICAL GRADE	MEZZ	MEZZANINE
A.C.T.	ALTERNATE	MIL	MILIMUM
ALT.	ALTERNATE	MISC	MISCELLANEOUS
ALUM.	ALUMINUM	MLDG	MOULDING
ANCH.	ANCHOR	M.R.	MOISTURE RESISTANT MOUNTING
APPROX.	APPROXIMATE	MULL	MULLION
ARCH.	ARCHITECT	NOM.	NOMINAL
BRG.	BEARING	N	NORTH
BSM.	BEAM	N.I.C.	NOT IN CONTRACT
BTWN.	BETWEEN	N.T.S.	NOT TO SCALE
BLK.	BLOCK	NO.	NUMBER
BD.	BOARD	O.C.	ON CENTER
BTM.	BOTTOM	OH.	OVERHEAD
BLDG.	BUILDING	OPG.	OPENING
B.U.R.	BUILT UP ROOF	OPP.	OPPOSITE
CLG.	CEILING	O.D.	OUTSIDE DIAMETER
C.M.U.	CONC. MASONRY UNIT	P.T.	PRESSURE TREATED
C.O.	CERAMIC TILE	P.TD.	PAINTED
CLD.	CLEANOUT	PNL.	PANEL OR PANELING PARTITION
COL.	COLUMN	PART.	PARTITION
CONC.	CONCRETE	P.H.	PHYSICALLY HANDICAPPED
CONST.	CONSTRUCTION	PLAS	PLASTER
C.J.	CONTROL JOINT	P. LAM.	PLASTIC LAMINATE
CONT.	CONTINUOUS	PLBG	PLUMBING
DET.	DETAIL	PLYWD.	PLYWOOD
DIA.	DIAMETER	PROP.	PROPERTY
DIM.	DIMENSION	Q.T.	QUARTY TILE
DR.	DOOR	R	RADIUS
DN.	DOWN	REF.	REFERENCE
DWG.	DRAWING	REIN.	REINFORCED, REINFORCING
D.W.	DRYWALL	REQD.	REQUIRED
D.F.	DRINKING FOUNTAIN	REV.	REVERSE
EACH.	ELECTRIC WATER COOLER	R.H.	RIGHT HAND
E.W.C.	ELECTRIC WATER COOLER	RCH.	ROUGH OPENING
ELEV.	ELEVATION	R.T.U.	ROOF TOP UNIT
EQ.	EQUAL	S.F.	SQUARE FEET, FOOTAGE
EQUIP.	EQUIPMENT	SCHED.	SCHEDULE
ETC.	ET CETERA	SLT.	SEALANT
EXH.	EXHAUST	SEC.	SECTION
EXIST.	EXISTING	SIM.	SIMILAR
E.J.	EXPANSION JOINT	SL	SLOPE
EXT.	EXTERIOR	SPEC.	SPECIFICATION
F.B.R.P.	FIBERGLASS REINF. PANEL	SQ.	SQUARE
FIN.	FINISH	S.S.	STAINLESS STEEL
F.E.	FIRE EXTINGUISHER	STD.	STANDARD
FLUOR.	FLUORESCENT	STL.	STEEL
F.D.	FLOOR DRAIN	STRUCT.	STRUCTURAL
FLR.	FLOOR	SUSP.	SUSPENDED
FT.	FOOT, FEET	SW.	SWITCH
FTG.	FOOTING	SYS.	SYSTEM
F.V.	FIELD VERIFY	TEL.	TELEPHONE
GALV.	GALVANIZED	TEMP.	TEMPERED
GA.	GAUGE	THRES.	THRESHOLD
G.C. GR.	GENERAL CONTRACTOR	T.P.D.	TOILET PAPER DISPENSER
GYP.	GYPSPUM	T.&G.	TONGUE AND GROOVE
HW.	HARDWARE	T.&B.	TOP AND BOTTOM
HGT.	HEIGHT	T.O.F.	TOP OF FOOTING
HLM.	HOLLOW METAL	T.O.M.	TOP OF MASONRY
H.P.	HIGH POINT	T.O.S.	TOP OF STEEL
HORIZ.	HORIZONTAL	T.	TREAD
INCAN.	INCANDESCENT	TYP.	TYPICAL
I.D.	INSIDE DIAMETER	UNFIN.	UNFINISHED
INSUL.	INSULATION	U.O.N.	UNLESS OTHERWISE NOTED
INT.	INTERIOR	VERT.	VERTICAL
JT.	JOINT	VEST.	VESTIBULE
K.O.	KNOCK OUT	W.C.T.	VINYL COMPOSITION TILE
LAM.	LAMINATED	W.C.	WATER CLOSET
LAV.	LAVATORY	W.H.	WATER HEATER
LB.	POUND	W.P.	WORK POINT
L.H.	LEFT HAND	WP.	WATERPROOF
L.P.	LOW POINT	W.R.	WATER RESISTANT
MFR.	MANUFACTURER	W.W.M.	WELDED WIRE MESH
MAS.	MASONRY OPENING	W.	WITH
M.O.	MASONRY OPENING	WO	WITHOUT
M.	MATERIAL	WD.	WOOD
MAX.	MAXIMUM		

CODE INFORMATION

CODE REQUIREMENTS: IT IS THE INTENT THAT ALL WORK SHALL CONFORM TO THE ADOPTED CODES, STANDARDS AND RULES OF THE ADMINISTRATIVE AUTHORITY HAVING JURISDICTION. ALL WORK SHALL CONFORM WITH DRAWINGS AND SPECIFICATIONS IN ACCORDANCE WITH THE REQUIREMENTS OF ALL THE FOLLOWING WHERE APPLICABLE:

- GOVERNING MUNICIPAL AND REGULATORY AGENCIES
- LOCAL, STATE AND FEDERAL BODIES
- 2023 FLORIDA BUILDING CODE, 8th EDITION

WORK IS SUBJECT TO REVIEW AND INTERPRETATION BY THE AUTHORITY HAVING JURISDICTION. IN NO CASE SHALL WORK BE PERFORMED WITHOUT THE REVIEW AND WRITTEN APPROVAL OF SAID AUTHORITY.

2023 FLORIDA BUILDING CODE, 8th EDITION FOR THE FOLLOWING DISCIPLINES:

- BUILDING
- PLUMBING
- MECHANICAL
- FUEL GAS
- FLORIDA ACCESSIBILITY FOR BUILDING CONSTRUCTION
- ENERGY CONSERVATION

FLORIDA FIRE PREVENTION CODE 8th EDITION (2023)
NFPA 101 2021 EDITION LIFE SAFETY CODE WITH FLORIDA AMENDMENTS
NFPA 1 UNIFORM FIRE CODE 2021 EDITION WITH FLORIDA AMENDMENTS
NATIONAL ELECTRIC CODE NFPA-70 2020

PROPERTY DESCRIPTION

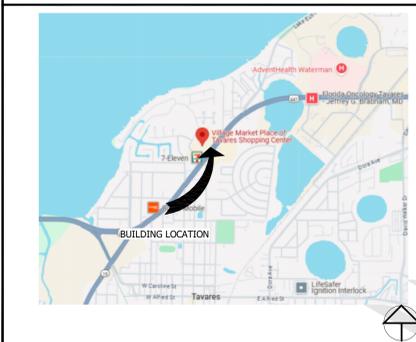
PHYSICAL STREET ADDRESS: VILLAGE MARKET PLACE, 365 E. BLURLEIGH BLVD., TALLAHASSEE, FL 32378
CITY: TALLAHASSEE, FL 32378
POSTAL CITY AND ZIP CODE: TALLAHASSEE, FL 32378
PROPERTY USE: OFFICE SPACE
JURISDICTION: CITY OF TALLAHASSEE

PROJECT NARRATIVE & SCOPE

GENERAL CONSTRUCTION SCOPE: TENANT IMPROVEMENT WITH CHANGE OF OCCUPANCY FROM M-MERCHANDISE TO B-BUSINESS

AREA OF SCOPE OF WORK = 20,417 SF

SITE MAP



ARCHITECTURAL SYMBOLS

	GRID LINE GRID LINE NUMBER / LETTER
	SECTION SECTION NUMBER SHEET NUMBER
	ENLARGED PLAN ENLARGED PLAN LETTER DETAIL NUMBER SHEET NUMBER
	DETAIL DETAIL NUMBER SHEET NUMBER
	EXTERIOR ELEVATION DETAIL NUMBER SHEET NUMBER
	INTERIOR ELEVATION DETAIL NUMBER SHEET NUMBER
	SHEET NUMBER XX - CABINET WIDTH IN INCHES YY - CABINET HEIGHT IN INCHES ZZ - CABINET DEPTH IN INCHES

DEFERRED SUBMITTALS

AUTOMATIC FIRE SPRINKLER SYSTEM
AUTOMATIC FIRE ALARM SYSTEM

Need to add sheet SD100 included in this set of drawings.

Sheets SD101 and SD201 are not included within this set of drawings. Revise as necessary.

Need to add sheet E102 included in this set of drawings.

Need to add sheets E202 and E203 included in this set of drawings.

Sheet E701 is not included within this set of drawings. Revise as necessary.

Need to add sheets E801, E802 and E803 included in this set of drawings.

Need to add sheet M201 included in this set of drawings.

Need to add sheet P300 included in this set of drawings. In addition, 2 sheets P300 are including in this set. Revise as necessary.

FOR BIDDING ONLY

This needs to be sent to the back and have the opacity dropped. It is cutting off information throughout the entire document.

MARK: DATE

SUPERVISOR OF ELECTIONS BUILDING TI
365 E. Blurleigh Blvd., Tallahassee, FL 32378

COVER SHEET

JOB # 25-11111
DATE 04/22/2025
SHEET NUMBER

G-001

Check document for grammar and spelling.

SECTION 01 33 00 - SUBMITTAL PROCEDURES PART 1 - GENERAL

1.01 DESCRIPTION OF WORK

A. MAKE SUBMITTALS REQUIRED BY THE CONTRACTOR DOCUMENTS; REVISE AND RESUBMIT AS NECESSARY TO ESTABLISH COMPLIANCE WITH THE SPECIFICATIONS.

1. SHOP DRAWINGS: DRAWINGS, DIAGRAMS, SCHEDULES AND OTHER DATA SPECIALLY PREPARED BY THE CONTRACTOR OR ANY SUBCONTRACTOR, MANUFACTURER, SUPPLIER OR DISTRIBUTOR TO ILLUSTRATE SOME PORTION OF THE WORK.

1.02 QUALITY ASSURANCE

A. THE CONTRACTOR WILL REQUIRE HIS SUBCONTRACTORS TO PROVIDE ADDITIONAL DRAWING, SETTING OUT AND SIMILAR INFORMATION TO COORDINATE THE WORK, BUT SUCH DATA SHALL REMAIN BETWEEN THE CONTRACTOR AND HIS SUBCONTRACTORS AND WILL NOT BE REVIEWED BY THE ARCHITECT.

1.03 SUBMITTALS

A. MAKE SUBMITTALS OF SHOP DRAWINGS, SAMPLES, SUBSTITUTION REQUESTS AND OTHER ITEMS IN ACCORDANCE WITH THE PROVISIONS OF THIS SECTION.

1. SUBMITTALS MUST BE COMPLETE. PRIOR TO SUBMISSION FOR APPROVAL, EACH SUBMITTAL SHALL BE CAREFULLY CHECKED BY THE CONTRACTOR FOR THE COMPLETE AND PROPER INCLUSION OF ALL ITEMS STATED IN THE TECHNICAL SPECIFICATIONS WHICH ARE GROSSLY INCOMPLETE OR WHICH INDICATE NO ATTEMPT AT CONFORMANCE WITH THE CONTRACT DOCUMENTS SHALL NOT BE SUBMITTED FOR REVIEW.

2. SEPARATE SUBMITTALS WITH COMPLETED ARCHITECT'S SUBMITTAL/TRANSMITTAL SHALL BE PROVIDED BY THE CONTRACTOR AS FOLLOWS:

F. CONTRACT CHANGES: IT IS NOT THE FUNCTION OF THE SUBMITTALS TO MODIFY OR CHANGE THE CONTRACT DOCUMENTS. THIS PROCEDURE IS HANDLED IN OTHER SECTIONS. ANY SUBMITTALS THAT SIGNIFICANTLY CHANGE THE CONTRACT REQUIREMENTS IN TERMS OF SIZE, QUALITY, RELATIONSHIP, STANDARDS OR SIMILAR CHARACTERISTICS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BY NO NOTING ON THE SUBMITTALS. IF SUCH CHANGES ARE NOT BROUGHT TO THE ATTENTION OF THE ARCHITECT AT THAT TIME, THE SUBMITTAL APPROVAL DOES NOT APPLY TO THOSE ITEMS CHANGED OR MODIFIED.

1.04 CONTRACTOR'S REVIEW

A. REVIEW SUBMITTALS PRIOR TO TRANSMITTAL; DETERMINE AND VERIFY FIELD MEASUREMENTS, FILED CONSTRUCTION CRITERIA, MANUFACTURER'S CATALOG NUMBERS AND CONFORMANCE OF SUBMITTAL WITH REQUIREMENTS OF CONTRACT DOCUMENTS.

B. APPLY CONTRACTOR'S STAMP TO THE FRONT SHEET OF SHOP DRAWING, PRODUCT DATA AND SAMPLE LABELS SIGNED BY THE GENERAL CONTRACTOR, CERTIFYING HIS REVIEW AND VERIFICATION OF PRODUCTS, FIELD DIMENSIONS, CONSTRUCTION CRITERIA AND COORDINATION OF INFORMATION THAT SUBMITTALS COMPLY WITH CONTRACT DOCUMENTS.

1.05 ARCHITECTS REVIEW

A. CORRECTIONS OR COMMENTS MADE ON SUBMITTALS DURING REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE REQUIREMENTS OF DRAWINGS AND SPECIFICATIONS. THIS CHECK IS FOR REVIEW OF GENERAL CONFORMANCE WITH THE GENERAL CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH INFORMATION GIVEN IN CONTRACT DOCUMENTS. ANY SUBSTITUTIONS OR CHANGES SHALL BE PROPERLY NOTED.

1.06 RETURN OF SUBMITTALS

A. AFTER REVIEW, EACH SUBMITTAL WILL BE RETURNED TO THE CONTRACTOR USING ARCHITECT'S SUBMITTAL TRANSMITTAL FORM THAT ACCOMPANIED THE SUBMITTAL. IF THE SUBMITTALS ARE RETURNED ELECTRONICALLY A TRANSMITTAL FORM WILL BE ATTACHED. COMMENTS WILL BE MARKED AND EACH ITEM WILL BE STAMPED AND MARKED TO INDICATE ONE OF THE FOLLOWING:

1.07 OPERATING MANUALS

A. SUBMIT ALL MANUALS IN ACCORDANCE WITH REQUIREMENTS OF TECHNICAL SECTIONS INVOLVED.

1.08 WARRANTIES, GUARANTEES AND BONDS

A. PROVIDE AS REQUIRED BY TECHNICAL SECTION OF THE SPECIFICATIONS. THEY ARE TO BE SUBMITTED ON A TIMELY BASIS AS WORK PROGRESSES.

1.09 CADD FILES

A. ARCHITECT'S CADD FILE WILL BE AVAILABLE ON A LIMITED BASIS TO QUALIFIED FIRMS AT THE DISCRETION OF THE ARCHITECT. THE PROCEDURE FOR REQUESTING SUCH FILES IS NOTED ELSEWHERE IN THESE DOCUMENTS AND THERE IS A COST ASSOCIATED WITH HANDLING AND REPRODUCTION. RECIPIENTS ARE CAUTIONED THAT THESE FILES MAY NOT ACCURATELY SHOW THE ACTUAL CONDITIONS AS CONSTRUCTED. USERS ARE RESPONSIBLE TO VERIFY ACTUAL FIELD CONDITIONS.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION 01 33 00

SECTION 01 41 00

PART 1 - GENERAL

1.01 DESCRIPTION OF WORK

A. THE WORK UNDER THIS SECTION OF THE SPECIFICATIONS INCLUDES THE LISTING OF APPLICABLE CODES, STANDARDS AND FEE REQUIREMENTS IN THE COMPLETION OF THE WORK.

PART 2 - BUILDING CODES

2.01 APPLICABLE BUILDING CODES

A. THE CONTRACTOR SHALL COMPLY WITH ALL OF THE LATEST PUBLICATIONS OF APPLICABLE CODES THAT HAVE BEEN ADOPTED BY FEDERAL, STATED AND LOCAL AGENCIES INCLUDING, BUT NOT LIMITED, TO THE FOLLOWING:

- 1. LOCAL BUILDING CODE
a. SECTION 453- STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES
2. FLORIDA MECHANICAL CODE
3. FLORIDA PLUMBING CODE
4. FLORIDA FIRE PREVENTION CODE
5. LIFE SAFETY CODE (NFPA 101)
6. NATIONAL ELECTRIC CODE
7. FEDERAL ADOPTION OF THE MODEL BUILDING CODE (WITHIN THE FLORIDA BUILDING CODE)
8. AMERICAN WITH DISABILITIES TITLE 3 REGULATION AND U.S PUBLIC LAW No. 1.01-336
9. CODES OF THE CITY AND COUNTY IN WHICH THE PROJECT IS LOCATED.
10. STANDARDS OF NATIONAL BOARD OF FIRE UNDERWRITERS.
11. LOCAL UTILITY COMPANY REGULATIONS.
12. FLORIDA PRODUCT APPROVAL FOR ALL COMPONENTS AND CLADDING AND ALL STRUCTURAL COMPONENTS IN ACCORDANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE.

2.02 STANDARDS

A. PUBLISHING SPECIFICATIONS OF GOVERNMENT AGENCIES, INDUSTRY ORGANIZATIONS AND REGULATED AGENCIES AS NOTED IN THE VARIOUS SECTIONS OF THESE SPECIFICATIONS.

2.03 FEES AND PERMIT

A. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL BUILDING PERMITS, FEES AND SIMILAR REGULATORY COSTS RELATED TO THE CONSTRUCTION OF THIS PROJECT.

PART 3 - EXECUTION

3.01 CURRENT EDITION

A. WHEN REFERENCE IS MADE TO CODES, REFERENCE SPECIFICATIONS, INDUSTRY STANDARDS, DATA PUBLISHED BY REGULATING AGENCIES OR INDUSTRY-ACCEPTED ORGANIZATIONS SUCH REFERENCE IS MADE TO LATEST EDITION (INCLUDING ADDENDA) PUBLISHED AND IN EFFECT ON DATE OF CONTRACT DOCUMENTS.

3.02 COMPLIANCE

A. CODES AND STANDARDS: THE WORK SHALL BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE CODES AND STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING AND OBTAINING SUCH CODES AND STANDARDS, HE SHALL ASSUME FULL RESPONSIBILITY AND BEAR ALL RESULTANT COSTS.

END OF SECTION 01 41 00

SECTION 01 42 16 - DEFINITIONS

PART 1 GENERAL

A. ABBREVIATIONS, WHERE NOT DEFINED IN CONTRACT DOCUMENTS, WILL BE INTERPRETED TO MEAN THE NORMAL CONSTRUCTION INDUSTRY TERMINOLOGY, DETERMINED BY RECOGNIZED GRAMMATICAL RULES. BY THE ARCHITECT/ENGINEER. PLURAL WORDS WILL BE INTERPRETED AS SINGULAR UNLESS THE CONTEXT INDICATES OTHERWISE. A FULL WARRANTY COVERING BOTH LABOR AND MATERIALS DOES NOT REQUIRE A PRODUCT SUBSTITUTION REQUEST, NOR THE ARCHITECT'S REVIEW OF A PRODUCT SUBSTITUTION REQUEST.

B. APPROVED BY ARCHITECT/ENGINEER: THIS IN NO CASE RELEASES CONTRACTOR FROM RESPONSIBILITY TO FULLY COMPLY WITH ALL REQUIREMENTS OF CONTRACT DOCUMENTS.

A. CORRECTIONS OR COMMENTS MADE ON SUBMITTALS DURING REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE REQUIREMENTS OF DRAWINGS AND SPECIFICATIONS. THIS CHECK IS FOR REVIEW OF GENERAL CONFORMANCE WITH THE GENERAL CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH INFORMATION GIVEN IN CONTRACT DOCUMENTS. ANY SUBSTITUTIONS OR CHANGES SHALL BE PROPERLY NOTED.

L. MINIMUM REQUIREMENTS: INDICATED REQUIREMENTS ARE FOR A SPECIFIC MINIMUM ACCEPTABLE LEVEL OF QUALITY OR QUANTITY, AS RECOGNIZED IN THE INDUSTRY. ACTUAL WORK TO BE WITHIN SPECIFIED TOLERANCES, OR MAY EXCEED MINIMUMS. REFER AMBIGUITIES TO ARCHITECT/ENGINEER FOR DECISION IN ANY CASE BEFORE PROCEEDING.

N. PERFORMANCE AND PAYMENT BONDS: A BINDING AGREEMENT, PROMISE, AS AN OBLIGATION BY AN ACCREDITED PERSON OR BONDING COMPANY ASSURING PERFORMANCE AND PAYMENT OF ANOTHER PERSONS OR ENTITIES' CONTRACTING OBLIGATIONS.

1.02 STANDARDS

A. INDUSTRY STANDARDS: APPLICABLE STANDARDS OF CONSTRUCTION INDUSTRY HAVE SAME FORCE AND EFFECT ON PERFORMANCE OF THE WORK AS IF BOUND AND PUBLISHED IN FULL INTO CONTRACT DOCUMENTS. STANDARDS REFERENCED IN CONTRACT DOCUMENTS HAVE PRECEDENCE OVER NON-REFERENCED STANDARDS, INsofar AS DIFFERENT STANDARDS MAY CONTAIN OVERLAPPING OR CONFLICTING REQUIREMENTS.

B. CONSTRUCTION WORDING: CONSTRUCTION INDUSTRY WORDING OR "JARGON" MAY HAVE DIFFERENT MEANING ON INTERPRETATION TO CERTAIN INDIVIDUALS. THEY ARE INTENDED TO MEAN THE RECOGNIZED PHRASEOLOGY AND INTENT USED IN THE LOCAL AREA. REFER UNCERTAINTIES TO ARCHITECT BEFORE PROCEEDING OR CONSULT "CONSTRUCTION GLOSSARY" (1980 EDITION) BY J. STEWART STAIN, AIA, CSI.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION (NOT USED)

END OF SECTION 01 42 16

SECTION 01 42 19 - REFERENCE STANDARDS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. REQUIREMENTS RELATING TO REFERENCED STANDARDS
B. REFERENCE STANDARDS FULL TITLE AND EDITION DATE

1.02 QUALITY ASSURANCE

A. FOR PRODUCTS OR WORKMANSHIP SPECIFIED BY REFERENCE TO A DOCUMENT OR DOCUMENTS NOT INCLUDED IN THE PROJECT MANUAL, REFER TO THE APPLICABLE STANDARD CODE. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE STANDARD, EXCEPT WHEN MORE RIGID REQUIREMENTS ARE SPECIFIED OR ARE REQUIRED BY APPLICABLE CODES.

PART 2 CONSTRUCTION INDUSTRY ORGANIZATION DOCUMENTS

2.01 AA - ALUMINUM ASSOCIATION, INC

A. AAMA 502 - FIELD CHECK OF METAL STOREFRONTS, CURTAIN WALLS, AND SLOPED GLAZING SYSTEMS FOR WATER LEAKAGE.
A. AAMA 502 - VOLUNTARY SPECIFICATION FOR FIELD TESTING OF NEWLY INSTALLED FENESTRATION PRODUCTS.
A. AAMA 503 - VOLUNTARY SPECIFICATION FOR FIELD TESTING OF NEWLY INSTALLED STOREFRONTS, CURTAIN WALLS AND SLOPED GLAZING SYSTEMS.
D. AAMA 609 & 610 - CLEANING AND MAINTENANCE GUIDE FOR ARCHITECTURALLY FINISHED ALUMINUM COMBINED DOORS.
E. AAMA 611 - VOLUNTARY SPECIFICATION FOR ANODIZED ARCHITECTURAL ALUMINUM.
F. AAMA CW - 10 - CARE AND HANDLING OF ARCHITECTURAL ALUMINUM FROM SHOP TO SITE.

2.02 ACI - AMERICAN CONCRETE INSTITUTE INTERNATIONAL

A. ACI 530/531/1.1/ETIA - BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES AND RELATED COMMENTARIES.

2.04 AIA - THE AMERICAN INSTITUTE OF ARCHITECTS

A. AIA A201 - GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION.

2.05 AISC - AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.

2.06 AISI - AMERICAN IRON AND STEEL INSTITUTE

A. AISI S100-12 - NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS; AMERICAN IRON AND STEEL INSTITUTE.

2.07 ANSI - AMERICAN NATIONAL STANDARDS INSTITUTE

A. ANSI A118.15 - IMPROVED MODIFIED DRY-SET CEMENT MORTAR.
B. ANSI/SDI A250-18 - SPECIFICATIONS FOR STANDARD STEEL DOOR AND FRAME (SDI-100).
C. ANSI/SDI A250-10 - TEST PROCEDURE AND ACCEPTANCE CRITERIA FOR PAINTED STEEL SURFACES FOR STEEL DOORS AND FRAMES.
D. ANSI Z97.1 - AMERICAN NATIONAL STANDARD FOR SAFETY GLAZING MATERIALS USED IN BUILDINGS, SAFETY PERFORMANCE SPECIFICATIONS AND METHODS OF TEST.

2.08 ASCE - AMERICAN SOCIETY OF CIVIL ENGINEERS

2.09 ASTM A SERIES - ASTM INTERNATIONAL

A. ASTM A396/A396M - STANDARD SPECIFICATION FOR CARBON STRUCTURAL STEEL.
B. ASTM A53/A53M - STANDARD SPECIFICATION FOR PIPE, STEEL, BLACK AND HOT-DIPPED, ZINC-COATED, WELDED AND SEAMLESS.
C. ASTM A153/ A153M - STANDARD SPECIFICATION FOR ZINC COATING (HOT-DIP) ON IRON AND STEEL HARDWARE.
D. ASTM A283/A283M - STANDARD SPECIFICATION FOR LOW AND INTERMEDIATE TENSILE STRENGTH CARBON STEEL PLATES.
E. ASTM A500/A500M - STANDARD SPECIFICATION FOR COLD-FORMED WELDED AND SEAMLESS CARBON STEEL STRUCTURAL TUBING.
F. ASTM A563/A563M - STANDARD SPECIFICATION FOR STEEL SHEET, ZINC-COATED (GALVANIZED) OR ZINC-IRON ALLOY-COATED (GALVALNEAL) BY THE HOT-DIP PROCESS.
H. ASTM A1008/A1008M - STANDARD SPECIFICATION FOR STEEL, SHEET, COLD-ROLLED, CARBON, STRUCTURAL, HIGH-STRENGTH LOW-ALLOY WITH IMPROVED FORMABILITY, SOLUTION HARDENED, AND ALUMINUM-CLAD.
I. ASTM A1011/A1011M - STANDARD SPECIFICATION FOR STEEL, SHEET AND STRIP, HOT-ROLLED, CARBON, STRUCTURAL, HIGH-STRENGTH LOW-ALLOY, HIGH-STRENGTH LOW-ALLOY WITH IMPROVED FORMABILITY, AND ULTRA-HIGH STRENGTH.
2.10 ASTM B SERIES - ASTM INTERNATIONAL

A. ASTM B26/B26M - STANDARD SPECIFICATION FOR ALUMINUM-ALLOY SAND CASTINGS.
B. ASTM B575/B575M - STANDARD SPECIFICATION FOR ALUMINUM-ALLOY DIE CASTINGS.
C. ASTM B210 - STANDARD SPECIFICATION FOR ALUMINUM AND ALUMINUM-ALLOY DRAW SEAMLESS TUBES.
D. ASTM B210M - STANDARD SPECIFICATION FOR ALUMINUM AND ALUMINUM-ALLOY DRAW SEAMLESS TUBES (METRIC).
E. ASTM B211 - STANDARD SPECIFICATION FOR ALUMINUM AND ALUMINUM-ALLOY ROLLED OR COLD FINISHED BAR, ROD, AND WIRE.
F. ASTM B211M - STANDARD SPECIFICATION FOR ALUMINUM AND ALUMINUM-ALLOY ROLLED OR COLD-FINISHED BAR, ROD, AND WIRE (METRIC).
G. ASTM B221M - STANDARD SPECIFICATION FOR ALUMINUM AND ALUMINUM-ALLOY EXTRUDED BARS, RODS, WIRE, PROFILES, AND TUBES (METRIC).
D. ASTM B210M - STANDARD SPECIFICATION FOR ALUMINUM AND ALUMINUM-ALLOY DRAW SEAMLESS TUBES (METRIC).
E. ASTM B211 - STANDARD SPECIFICATION FOR ALUMINUM AND ALUMINUM-ALLOY ROLLED OR COLD FINISHED BAR, ROD, AND WIRE.
F. ASTM B211M - STANDARD SPECIFICATION FOR ALUMINUM AND ALUMINUM-ALLOY ROLLED OR COLD-FINISHED BAR, ROD, AND WIRE (METRIC).
G. ASTM B221M - STANDARD SPECIFICATION FOR ALUMINUM AND ALUMINUM-ALLOY EXTRUDED BARS, RODS, WIRE, PROFILES, AND TUBES (METRIC).

2.11 ASTM C SERIES - ASTM INTERNATIONAL

A. ASTM C73 - STANDARD SPECIFICATION FOR CALCEUM SILICATE BRICK (SAND-LIME BRICK).
B. ASTM C109/C109M - STANDARD TEST METHOD FOR COMPRESSIVE STRENGTH OF HYDRAULIC CEMENT MORTARS (USING 2-IN. OR (50-mm) CUBE SPECIMENS).
C. ASTM C138/C138M - STANDARD TEST METHOD FOR DENSITY (UNIT WEIGHT), YIELD, AND AIR CONTENT OF FRESH CONCRETE.
D. ASTM C348 - STANDARD TEST METHOD FOR FLEXURAL STRENGTH OF HYDRAULIC-CEMENT MORTARS.
E. ASTM C757/C757M - STANDARD SPECIFICATION FOR JOINT COMPOUND AND JOINT TAPE FOR FINISHING GYPSUM BOARD.
F. ASTM C635/C635M - STANDARD SPECIFICATION FOR THE MANUFACTURE PERFORMANCE, AND TESTING OF METAL SUSPENSION SYSTEMS FOR ACoustICAL TILE AND LAY-IN CEILING.
G. ASTM C1275 - STANDARD TEST METHOD FOR CONCRETE FOR INSTALLATION OF METAL CEILING SUSPENSION SYSTEMS FOR ACoustICAL TILE AND LAY-IN PANELS.
H. ASTM C645 - STANDARD SPECIFICATION FOR NONSTRUCTURAL STEEL FRAMING MEMBERS.
I. ASTM C658 - STANDARD TEST METHOD FOR INDENTATION HARDNESS OF ELASTOMERIC-TYPE SEALANTS BY MEANS OF A DUROMETER.
J. ASTM C665 - STANDARD SPECIFICATION FOR MINERAL-FIBER BLANKET THERMAL INSULATION FOR LIGHT FRAME CONSTRUCTION AND MANUFACTURED HOUSING.
K. ASTM C794 - STANDARD TEST METHOD FOR FLEXURAL STRENGTH OF STEEL FRAMING MEMBERS TO RECEIVE SCREW- ATTACHED GYPSUM PANEL PRODUCTS.
L. ASTM C794 - STANDARD TEST METHOD FOR ADHESION-IN-PEEL OF LASTOMERIC JOINT SEALANTS.
M. ASTM C834 - STANDARD SPECIFICATION FOR LATEX SEALANTS.
N. ASTM C840 - STANDARD SPECIFICATION FOR APPLICATION AND FINISHING OF GYPSUM BOARD.
O. ASTM C864 - STANDARD SPECIFICATION FOR DENSE ELASTOMERIC COMPRESSION SEAL GASKETS, SETTING BLOCKS, AND SPACERS.
P. ASTM C919 - STANDARD PRACTICE FOR USE OF SEALANTS IN ACoustICAL APPLICATIONS.
Q. ASTM C920 - STANDARDS SPECIFICATION FOR ELASTOMERIC JOINT SEALANTS.
R. ASTM C954 - STANDARD SPECIFICATION FOR STEEL DRILL SCREWS FOR THE APPLICATION OF GYPSUM PANEL PRODUCTS OR METAL PLASTER BASES TO STEEL STUDS FROM 0.033in. (0.84mm) to 0.112in. (2.84 mm) IN THICKNESS.
S. ASTM C1002 - STANDARD SPECIFICATION FOR STEEL SELF-PIERCING TAPPING SCREWS FOR APPLICATION OF GYPSUM PANEL PRODUCTS OR METAL PLASTER BASES TO WOOD STUDS OR STEEL SHEET.
T. ASTM C1021 - STANDARD PRACTICE FOR LABORATORIES ENGAGED IN TESTING OF BUILDING SEALANTS.
U. ASTM C1036 - STANDARD SPECIFICATION FOR FLAT GLASS.
V. ASTM C1047 - STANDARD SPECIFICATION FOR ACCESSORIES FOR GYPSUM WALLBOARD AND GYPSUM VENEER BASE.
W. ASTM C1048 - STANDARD SPECIFICATION FOR HEART-STRENGTHENED AND FULLY TEMPERED FLAT GLASS.
X. ASTM C1077 - STANDARD PRACTICE TESTING CONCRETE AND CONCRETE AGGREGATES FOR USE IN CONSTRUCTION AND CRITERIA FOR LABORATORY EVALUATION.
Y. ASTM C1087 - STANDARD TEST METHOD FOR DETERMINING COMPATIBILITY OF LIQUID-APPLIED SEALANTS WITH ACCESSORIES USED IN STRUCTURAL GLAZING SYSTEMS.
Z. ASTM C1093 - STANDARD PRACTICE FOR ACCREDITATION OF TESTING AGENCIES FOR MASONRY.
AA. ASTM C1192 - STANDARD TEST METHOD FOR USE OF JOINT SEALANTS.
AB. ASTM C1278/C1278M - STANDARD SPECIFICATION FOR FIBER-REINFORCED GYPSUM PANEL.
AC. ASTM C1330 - STANDARD SPECIFICATION FOR CYLINDRICAL STEEL BACKING FOR USE WITH COLD LIQUID-APPLIED SEALANTS.
AD. ASTM C1336 - STANDARD TEST METHOD FOR GYPSUM BOARD.
AE. ASTM C1521 - STANDARD PRACTICE FOR EVALUATING ADHESION OF INSTALLED WEATHERPROOFING SEALANT JOINTS.
AF. ASTM C1708 - STANDARD SPECIFICATION FOR GLASS MAT GYPSUM PANELS.
AG. ASTM C1708/C1708M - STANDARD TEST METHODS FOR SELF-LEVELING MORTARS CONTAINING HYDRAULIC CEMENTS.

2.12 ASTM D SERIES - ASTM INTERNATIONAL

A. ASTM D16 - STANDARD TERMINOLOGY FOR PAINT, RELATED COATINGS, MATERIALS, AND APPLICATIONS.
B. ASTM D2240 - STANDARD TEST METHOD FOR RUBBER PROPERTY - DUROMETER HARDNESS.
C. ASTM D2898 - STANDARD TEST METHOD FOR ACCELERATED WEATHERING OF FIRE-RETARDANT-TREATED WOOD FOR FIRE TESTING.
D. ASTM D3103 - STANDARD TEST METHOD FOR RESISTANCE TO GROWTH OF MOLD IN THE SURFACE OF INTERIOR COATINGS IN AN ENVIRONMENTAL CHAMBER.
E. ASTM D4263 - STANDARD TEST METHOD FOR INDICATING MOISTURE IN CONCRETE BY THE PLASTIC SHRETT LABORATORY - AN INDEPENDENT ENTITY ENGAGED FOR THE PROJECT TO PROVIDE INSPECTIONS, TESTS, INTERPRETATIONS, REPORTS AND SIMILAR SERVICES.
F. ASTM D4442 - STANDARD TEST METHODS FOR DIRECT MOISTURE CONTENT MEASUREMENT OF WOOD AND WOOD-BASED MATERIALS.
G. ASTM D7877 - STANDARD GUIDE FOR ELECTRONIC METHODS FOR DETECTING AND LOCATING LEAKS IN WATERPROOF MEMBRANES.

2.13 ASTM E SERIES - ASTM INTERNATIONAL

A. ASTM E119 - STANDARD TEST METHODS FOR FIRE TEST OF BUILDING CONSTRUCTION AND MATERIALS.
B. ASTM E210 - STANDARD TEST METHOD FOR DETERMINING THE RATE OF AIR LEAKAGE THROUGH EXTERIOR WINDOWS, COURTING WALLS, AND DOORS UNDER SPECIFIED PRESSURE DIFFERENCES ACROSS THE SPECIMEN.
C. ASTM E413 - CLASSIFICATION FOR RATING SOUND INSULATION.
D. ASTM E527 - STANDARD GUIDE FOR GENERAL CRITERIA USED FOR EVALUATING LABORATORY COMPETENCE.
E. ASTM E580/E580M - STANDARD PRACTICE FOR INSTALLATION OF CEILING SUSPENSION SYSTEMS FOR ACoustICAL TILE AND LAY-IN PANELS IN AREAS SUBJECT TO EARTHQUAKE GROUND MOTIONS.
F. ASTM E648 - STANDARD TEST METHOD FOR CRITICAL RADIANT FLUX OF FLOOR-COVERING SYSTEMS USING A RADIANT HEAT ENERGY SOURCE.
G. ASTM E783 - STANDARD TEST METHOD FOR FIELD MEASUREMENT OF AIR LEAKAGE THROUGH INSTALLED EXTERIOR WINDOWS AND DOORS.
H. ASTM E814 - STANDARD TEST METHOD FOR FIRE TESTS OF THROUGH-PENETRATION FIRE STOPS.
I. ASTM E1007 - STANDARD TEST METHOD FOR FIELD MEASUREMENT OF TAPPING MACHINE IMPACT SOUND TRANSMISSION THROUGH FLOOR-CEILING ASSEMBLIES AND ASSOCIATED SUPPORT STRUCTURES.
J. ASTM E1105 - STANDARD TEST METHOD FOR FIELD DETERMINATION OF WATER PENETRATION OF INSTALLED EXTERIOR WINDOWS, SKYLIGHTS, DOORS, AND CURTAIN WALLS, BY UNIFORM OR CYCLIC STRESS AIR PRESSURE DIFFERENCES.
K. ASTM E1966 - STANDARD TEST METHOD FOR FIRE RESISTIVE JOINT SYSTEMS.
L. ASTM E1966 - STANDARD TEST METHOD FOR FIRE RESISTIVE JOINT SYSTEMS.
M. ASTM E2307 - STANDARD TEST METHOD FOR DETERMINING FIRE RESISTANCE OF PERIMETER FIRE BARRIERS USING INTERMEDIATE - SCALE, MULTI-STORY TEST APPARATUS.
N. ASTM E2837 - STANDARD TEST METHOD FOR DETERMINING THE FIRE RESISTANCE OF CONTINUITY HEAD-OF-WALL JOINT SYSTEMS INSTALLED BETWEEN RATED WALL ASSEMBLIES AND NON-RATED HORIZONTAL ASSEMBLIES.

2.14 ASTM F SERIES - ASTM INTERNATIONAL

A. ASTM F1861 - STANDARD SPECIFICATION FOR RESILIENT WALL BASE.
B. ASTM F3125/F3125M - STANDARD SPECIFICATION FOR HIGH STRENGTH STRUCTURAL BOLTS, STEEL BOLTS AND NUTS, HEAT TREATED, 120 ksi (830 MPa) AND 150ksi (1040MPa) MINIMUM TENSILE STRENGTH, 1/2 INCH AND DIAMETERS.
2.15 AWC - AMERICAN WOOD COUNCIL
2.16 AWCI - ASSOCIATION OF THE WALL AND CEILING INDUSTRIES INTERNATIONAL
2.17 AWPA - AMERICAN WOOD-PRESERVERS' ASSOCIATION
A. AWPA U1 - USER CATEGORY SYSTEM: USER SPECIFICATION FOR TREATED WOOD.
2.18 AWS - AMERICAN WELDING SOCIETY
A. AWS A2.4 - STANDARD SYMBOLS FOR WELDING, BRAZING AND NONDESTRUCTIVE EXAMINATION.
B. AWS A5.1 - STANDARD SPECIFICATION FOR STRUCTURAL WELDING CODE - STEEL.
C. AWS D1.2/D1.2M - STRUCTURAL WELDING CODE - ALUMINUM.
2.19 BHMA - BUILDERS HARDWARE MANUFACTURERS ASSOCIATION
A. BHMA A156.15 - AMERICAN NATIONAL STANDARD FOR HARDWARE PREPARATION IN STEEL DOORS AND STEEL FRAMES.
2.20 BIA - BRICK INDUSTRY ASSOCIATION
A. BIA TECHNICAL NOTES NO. 7E - COLORLESS COATINGS FOR BRICK MASONRY.
B. BIA 605 - RECOMMENDED PRACTICE FOR ENGINEERED BRICK MASONRY.
2.21 CRI - CARPET AND RUG INSTITUTE
A. CRI 104 - STANDARD FOR INSTALLATION OF COMMERCIAL CARPET.
2.22 FLA - STATE OF FLORIDA
A. FLA - FLORIDA CODE ONLINE - PRODUCT APPROVAL DIRECTORY; DATABASE AT www.floridabuilding.org - <http://www.floridabuilding.org>.
2.23 FM - FIRM MUTUAL GLOBAL
A. FM (AG) - FM APPROVAL GUIDE; CURRENT EDITION
2.24 GA - GYPSUM ASSOCIATION
A. GA-216 - APPLICATION AND FINISHING OF GYPSUM BOARD.
B. GA-226 - APPLICATION OF GYPSUM BOARD TO FORM CURVED SURFACES; GYPSUM ASSOCIATION.
C. GA-600 - FIRE RESISTANCE DESIGN MANUAL.
2.25 GANA - GLASS ASSOCIATION OF NORTH AMERICA
A. GANA (GM) - GANA GLAZING MANUAL.
B. ASTM B575/B575M - STANDARD SPECIFICATION FOR ALUMINUM-ALLOY DIE CASTINGS.
C. GANA (LGRN) - LAMINATED GLAZING REFERENCE MANUAL.
2.26 IAS - INTERNATIONAL ACCREDITATION SERVICE
A. IAS AC172 - ACCREDITATION CRITERIA FOR FABRICATOR INSPECTION PROGRAMS FOR STRUCTURAL STEEL; INTERNATIONAL ACCREDITATION SERVICE, INC.
2.27 ICC - INTERNATIONAL CODE COUNCIL, INC.
A. ICC A117.1 - ACCESSIBLE AND USABLE BUILDING AND FACILITIES.
B. ICC (IBC) - INTERNATIONAL BUILDING CODE.

2.28 IGMA - INSULATING GLASS MANUFACTURE ALLIANCE

A. IGMA TM-3000 - NORTH AMERICAN GLAZING GUIDELINES FOR SEALED INSULATING GLASS UNITS FOR COMMERCIALS & RESIDENTIAL USE.

2.29 ITS - INTERTEK TESTING SERVICES NA, INC.

A. ITS (DIR) - DIRECTORY OF LISTED PRODUCTS; CURRENT EDITION

2.30 MIAMI - MIAMI - DADE COUNTY

A. MIAMI (APD) - APPROVED PRODUCTS DIRECTORY; MIAMI-DADE COUNTY; DATABASE AT www.miamidade.gov/development/product-control.asp

2.31 MPAI - MASTER PAINTERS INSTITUTE (MASTER PAINTERS AND DECORATORS ASSOCIATION)

A. MPAI (APL) - MASTER PAINTERS INSTITUTE APPROVED PRODUCTS LIST; MASTER PAINTERS AND DECORATORS ASSOCIATION; CURRENT EDITION, www.paintinfo.com
B. MPAI (APSM) - MASTER PAINTERS INSTITUTE ARCHITECTURAL PAINTING SPECIFICATION MANUAL; CURRENT EDITION, www.paintinfo.com-<http://www.paintinfo.com>.

2.32 NAAMM - THE NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS

A. NAAMM HMMA 805 - RECOMMENDED SELECTION AND USAGE GUIDE FOR HOLLOW METAL DOORS AND FRAMES.
B. NAAMM HMMA 830 - HARDWARE SELECTION FOR HOLLOW METAL DOORS AND FRAMES.
C. NAAMM HMMA 831 - HARDWARE LOCATION FOR HOLLOW METAL DOORS AND FRAMES.
D. NAAMM HMMA 840 - GUIDE SPECIFICATIONS FOR INSTALLATION AND STORAGE OF HOLLOW METAL DOORS AND FRAMES.
E. NAAMM HMMA 860 - GUIDE SPECIFICATIONS FOR HOLLOW METAL DOORS AND FRAMES.
F. NAAMM HMMA 861 - GUIDE SPECIFICATIONS FOR COMMERCIAL HOLLOW METAL DOORS AND FRAMES.
G. NAAMM HMMA 865 - GUIDE SPECIFICATIONS FOR CONTROL HOLLOW METAL DOORS AND FRAMES.

2.33 NEMA - NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION

A. NEMA LED 3 - HIGH - PRESSURE DECOORATIVE LAMINATES.

2.34 NFPA - NATIONAL FIRE PROTECTION ASSOCIATION

A. NFPA 80 - STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVE.
B. NFPA 241 - STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS.
C. NFPA 252 - STANDARD METHOD OF FIRE TEST OF DOOR ASSEMBLIES.
D. NFPA 253 - STANDARD METHOD OF TEST FOR CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS USING A RADIANT HEAT ENERGY SOURCE.
2.35 SDI - STEEL DOOR INSTITUTE
A. SDI 111 - RECOMMENDED STANDARD DETAILS FOR STEEL DOORS & FRAMES.
2.36 SP1B - SOUTHERN PINE INSPECTION BUREAU, INC
A. SP1B (GR) - GRADING RULES.
2.37 SSPC - SOCIETY FOR PROTECTIVE COATINGS
A. SSPC-PAINT15 - STEEL JOIST SHOP PRIMER/METAL BUILDING PRIMER.
B. SSPC - SP 1 - SOLVENT CLEANING.
C. SSPC - SP 2 - HAND TOOL CLEANING.
D. SSPC - SP 6 - COMMERCIAL BLAST CLEANING.
E. SSPC - SP 13 - SURFACE PREPARATION OF CONCRETE.
2.38 UL - UNDERWRITERS LABORATORIES INC.
A. UL (DIR) - ONLINE CERTIFICATIONS DIRECTORY; CURRENT LISTINGS AT database.ul.com.
B. UL (FD) - FIRE RESISTANCE DIRECTORY; CURRENT EDITION
C. UL 9 - STANDARD FOR FIRE TESTS OF WINDOW ASSEMBLIES; CURRENT EDITION, INCLUDING ALL REVISIONS.
D. UL 108 - STANDARD FOR FIRE TESTS OF DOOR ASSEMBLIES; CURRENT EDITION, INCLUDING ALL REVISIONS.
E. UL 10C - STANDARD FOR POSITIVE PRESSURE FIRE TESTS OF DOOR ASSEMBLIES; CURRENT EDITION, INCLUDING ALL REVISIONS.
F. UL 263 - STANDARD FOR FIRE TESTS OF BUILDING CONSTRUCTION AND MATERIALS; CURRENT EDITION, INCLUDING ALL REVISIONS.
G. UL 1784 - STANDARD FOR AIR LEAKAGE TESTS OF DOOR ASSEMBLIES; CURRENT EDITION, INCLUDING ALL REVISIONS.
H. UL 2079 - STANDARD FOR TESTS FOR FIRE RESISTANCE OF BUILDING JOINT SYSTEMS; CURRENT EDITION, INCLUDING ALL REVISIONS.
2.39 WDMA - WINDOW AND DOOR MANUFACTURERS ASSOCIATION (FORMERLY NWWDO)
A. WDMA I.S.1A - INTERIOR ARCHITECTURAL WOOD FLUSH DOOR.

END OF SECTION 01 42 19

SECTION 01 43 00 - CONTRACTOR'S QUALITY ASSURANCE

PART 1 - GENERAL

1.01 DESCRIPTION OF WORK
A. THIS SECTION ADMINISTRATIVE AND PROCEDURAL REQUIREMENTS FOR QUALITY ASSURANCE SERVICES. B. QUALITY ASSURANCE SERVICES INCLUDE INSPECTIONS AND TEST RELATED ACTIONS INCLUDING REPORTS PERFORMED BY INDEPENDENT AGENCIES, GOVERNING AUTHORITIES. THEY DO NOT INCLUDE CONTRACTOR PERFORMED ACTIVITIES.
C. INSPECTION AND TESTING SERVICES ARE REQUIRED TO VERIFY COMPLIANCE WITH REQUIREMENTS SPECIFIED OR INDICATE. THESE SERVICE DO NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR COMPLIANCE WITH CONTRACT DOCUMENTS.
D. REQUIREMENTS OF THIS SECTION RELATE TO CUSTOMIZED FABRICATION AND INSTALLATION PROCEDURES.
E. INSPECTIONS, TEST AND RELATED ACTIONS SPECIFIED ARE NOT INTENDED TO LIMIT THE CONTRACTOR'S QUALITY CONTROL PROCEDURES THAT FACILITATE COMPLIANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
F. REQUIREMENTS FOR THE CONTRACTOR TO PROVIDE QUALITY CONTROL SERVICES REQUIRED BY THE OWNER, ARCHITECT, OR AUTHORITIES HAVING JURISDICTION ARE NOT LIMITED BY PROVISIONS OF THIS SECTION.
1.02 QUALITY ASSURANCE
A. CONTRACTORS SHALL MAINTAIN QUALITY CONTROL OVER SUPERVISION, SUBCONTRACTORS, SUPPLIERS, MANUFACTURERS, PRODUCTS, SERVICES, WORKMANSHIP AND SITE CONDITIONS TO PRODUCE WORK IN ACCORDANCE WITH CONTRACT DOCUMENTS.
B. WORKMANSHIP
1. CONTRACTOR AND ALL SUB-CONTRACTORS SHALL COMPLY WITH INDUSTRY STANDARDS OF THE REGION EXCEPT WHEN MORE RESTRICTIVE TOLERANCES OR SPECIFIED REQUIREMENTS INDICATE MORE RIGID STANDARDS OR MORE PRECISE WORKMANSHIP.
2. PROVIDE SUITABLY QUALIFIED PERSONNEL TO PRODUCE WORK OF SPECIFIED QUALITY.

1.04 MANUFACTURER'S CERTIFICATION

A. WHEN REQUIRED IN INDIVIDUAL SPECIFICATION SECTION, CONTRACTOR SHALL OBTAIN AND SUBMIT TO ARCHITECT, MANUFACTURER'S CERTIFICATE, CERTIFYING THAT PRODUCTS MEET OR EXCEED SPECIFIED REQUIREMENTS, EXECUTED BY RESPONSIBLE OFFICER.

1.05 MANUFACTURER'S FIELD SERVICES

A. WHEN REQUIRED INDIVIDUAL SPECIFICATION SECTION, CONTRACTOR SHALL HAVE MANUFACTURER OR SUPPLIER PROVIDE QUALIFIED REPRESENTATIVE TO OBSERVE FIELD CONDITIONS, CONDITIONS OF SURFACES AND INSTALLATION, QUALITY WORKMANSHIP, START-UP OF EQUIPMENT, TEST, OR ADJUST AND BALANCE OF EQUIPMENT AS APPLICABLE.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION 01 43 00

SECTION 01 45 00 - CONTRACTOR'S QUALITY CONTROL

PART 1 - GENERAL

1.01 DESCRIPTION OF WORK
A. THIS SECTION PROVIDES ADMINISTRATIVE AND PROCEDURAL REQUIREMENTS OF CONTRACTOR QUALITY CONTROL ON THE PROJECT.
B

MARK	DATE	DESCRIPTION
		A. THIS SECTION ADDRESSES CLEANING AND DISPOSAL OF WASTE MATERIALS, DEBRIS AND RUBBISH DURING CONSTRUCTION. B. MAINTAIN AREAS UNDER CONTRACTOR'S CONTROL, FREE OF WASTE MATERIALS, DEBRIS AND RUBBISH. MAINTAIN SITE IN A CLEAN AND ORDERLY CONDITION. C. PROVIDE COVERED CONTAINERS FOR DEPOSIT OF DEBRIS AND RUBBISH. PERIODICALLY DISPOSE OF ACCUMULATIONS OF EXTRANEOUS MATERIALS. D. PERIODICALLY CLEAN INTERIOR AREAS TO PROVIDE SUITABLE CONDITIONS FOR FINISH WORK. GENERATION OF DUST AND SIMILAR DEBRIS DURING CLEANING SHALL BE MINIMIZED.
		A. REMOVE ALL DEBRIS AND RUBBISH FROM PIPE CHASES, PLENUMS, ABOVE CEILINGS, ATTICS, CRAWL SPACES AND OTHER CLOSED OR REMOTE SPACES PRIOR TO CLOSING THE SPACE. B. BROOM CLEAN INTERIOR AREAS PRIOR TO START OF SURFACE FINISHING, AND CONTINUE CLEANING ON AN AS-NEEDED BASIS. AREAS SHALL BE FREE OF DUST WHEN INSTALLING DEAR FINISHES SUCH AS VARNISH ON WOOD. C. CONTROL CLEANING OPERATIONS SO THAT DUST AND OTHER PARTICULATES WILL NOT ADHERE TO WET OR NEWLY-COATED SURFACES.
		A. REMOVE WASTE MATERIALS, DEBRIS AND RUBBISH FROM WORK AREAS DAILY AND DISPOSE OF IN DUMPSTER OR OTHER MEANS. LOCATIONS OF DUMPSTER OR SIMILAR CONTAINERS SHALL BE APPROVED BY THE OWNER IF NOT SITUATED WITHIN THE LIMITS OF CONSTRUCTION. TRANSPORT OFF-SITE PERIODICALLY TO APPROVED DUMP SITE.
		END OF SECTION 01 74 13
		SECTION 01 74 23 - FINAL CLEANING
		PART 1 - GENERAL
		1.01 DESCRIPTION OF WORK
		A. EXECUTE CLEANING PRIOR TO INSPECTION FOR SUBSTANTIAL COMPLETION OF EACH DESIGNATED PORTION OF THE WORK.
		1.02 QUALITY ASSURANCE
		A. CONDUCT CLEANING AND DISPOSAL OPERATIONS TO COMPLY WITH CODES, ORDINANCES, REGULATIONS AND POLLUTION LAWS.
		PART 2-PRODUCTS
		2.01 CLEANING MATERIALS AND EQUIPMENT
		A. PROVIDE REQUIRED PERSONNEL, EQUIPMENT AND MATERIALS NEEDED TO MAINTAIN THE SPECIFIED STANDARD OF CLEANLINESS.
		2.02 COMPATIBILITY
		A. USE ONLY THE CLEANING MATERIALS AND EQUIPMENT WHICH ARE COMPATIBLE WITH THE SURFACE BEING CLEANED, AS RECOMMENDED BY THE MANUFACTURER OF THE MATERIAL. 1. USE ONLY THOSE CLEANING MATERIALS WHICH WILL NOT CREATE HAZARDS TO HEALTH OR PROPERTY AND WHICH WILL NOT DAMAGE SURFACES.
		PART 3 - EXECUTION
		3.01 FINAL INSPECTION OF CLEANING
		A. PRIOR TO FINAL COMPLETION OR OWNER OCCUPANCY, CONTRACTOR-SHALL CONDUCT AN INSPECTION OF SITE-EXPOSED INTERIOR AND EXTERIOR SURFACES, AND ALL WORK AREAS TO VERIFY THAT THE BUILDING IS CLEAN. Revise: "ENTIRE WORK AREA IS CLEAN."
		3.02 CLEANING DURING WARRANTY OR FINAL COMPLETION
		A. THE CONTRACTOR IS RESPONSIBLE FOR THE EXECUTION OF THIS SECTION DURING ANY REPAIRS, CORRECTIONS OR ADJUSTMENTS MADE DURING THE PERIOD BETWEEN SUBSTANTIAL COMPLETION AND FINAL COMPLETION, AND ALSO DURING ANY WARRANTY REPAIR WORK.
		END OF SECTION 01 74 23
		SECTION 02 41 00 - DEMOLITION
		PART 1 GENERAL
		1.01 QUALITY ASSURANCE
		A. DEMOLITION FIRM QUALIFICATIONS: COMPANY SPECIALIZING IN THE TYPE OF WORK REQUIRED.
		PART 2 PRODUCTS - NOT USED
		PART 3 EXECUTION
		3.01 GENERAL PROCEDURES AND PROJECT CONDITIONS
		A. COMPLY WITH APPLICABLE CODES AND REGULATIONS FOR DEMOLITION OPERATIONS AND SAFETY OF ALL ADJACENT STRUCTURES AND THE PUBLIC. 1. OBTAIN REQUIRED PERMITS. 2. TAKE PRECAUTIONS TO PREVENT CATASTROPHIC OR UNCONTROLLED COLLAPSE OF STRUCTURES TO BE DEMOLISHED. DO NOT ALLOW WORKER OR PUBLIC ACCESS WITHIN RANGE OF POTENTIAL COLLAPSE OF STRUCTURES. 3. PROVIDE, ERECT, AND MAINTAIN TEMPORARY BARRIERS AND SECURITY DEVICES. 4. CONDUCT OPERATIONS TO MINIMIZE OBSTRUCTION OF PUBLIC AND PRIVATE ENTRANCES AND EXITS; DO NOT OBSTRUCT REQUIRED EXITS AT ANY TIME; PROTECT PERSONS USING ENTRANCES AND EXITS FROM ROAD OPERATIONS. 5. OBTAIN WRITTEN PERMISSION FROM OWNERS OF ADJACENT PROPERTIES WHEN DEMOLITION EQUIPMENT WILL TRAVERSE, INFRINGE UPON OR LIMIT ACCESS TO THEIR PROPERTY. B. DO NOT BEGIN REMOVAL UNTIL RECEIPT OF NOTIFICATION TO PROCEED FROM OWNER. C. THESE OPERATIONS SHALL BE CONDUCTED IN A MANNER THAT DOES NOT RESULT IN ICE, FLOODING, SEDIMENTATION OF PUBLIC WATERWAYS OR STORM SEWERS, OR OTHER POLLUTION. D. PERFORM DEMOLITION IN A MANNER THAT MAXIMIZES SALVAGE AND RECYCLING OF MATERIALS.
		3.02 EXISTING UTILITIES
		A. COORDINATE WORK WITH UTILITY COMPANIES; NOTIFY BEFORE STARTING WORK AND COMPLY WITH THEIR REQUIREMENTS. OBTAIN REQUIRED PERMITS. B. PROTECT EXISTING UTILITIES TO REMAIN FROM DAMAGE. 3.03 SELECTIVE DEMOLITION FOR ALTERATIONS A. VERIFY THAT CONSTRUCTION AND UTILITY ARRANGEMENTS ARE AS SHOWN. B. REPORT DISCREPANCIES TO ARCHITECT BEFORE DISTURBING EXISTING INSTALLATION. C. BEGINNING OF DEMOLITION WORK CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS THAT WOULD BE APPLICANT UPON EXAMINATION PRIOR TO STARTING DEMOLITION. D. SEPARATE AREAS IN WHICH DEMOLITION IS BEING CONDUCTED FROM OTHER AREAS THAT ARE STILL OCCUPIED. 1. PROVIDE, ERECT, AND MAINTAIN TEMPORARY DUSTPROOF PARTITIONS OF CONSTRUCTION SPECIFIED IN SECTION 01 50 00 IN LOCATIONS INDICATED ON DRAWINGS. E. MAINTAIN WEATHERPROOF EXTERIOR BUILDING ENCLOSURE EXCEPT FOR INTERRUPTIONS REQUIRED FOR REPLACEMENT OR MODIFICATIONS. TAKE CARE TO PREVENT WATER AND HUMIDITY DAMAGE. F. REMOVE EXISTING WORK AS INDICATED AND AS REQUIRED TO ACCOMPLISH NEW WORK. G. SERVICES (INCLUDING BUT NOT LIMITED TO HVAC, PLUMBING, FIRE PROTECTION, ELECTRICAL, AND TELECOMMUNICATIONS): REMOVE EXISTING SYSTEMS AND EQUIPMENT AS INDICATED. 1. MAINTAIN EXISTING ACTIVE SYSTEMS THAT ARE TO REMAIN IN OPERATION; MAINTAIN ACCESS TO EQUIPMENT AND OPERATIONAL COMPONENTS. 2. WHEN EXISTING ACTIVE SYSTEMS SERVE OCCUPIED FACILITIES BUT ARE TO BE REPLACED WITH NEW SERVICES, MAINTAIN EXISTING SYSTEMS IN SERVICE UNTIL NEW SYSTEMS ARE COMPLETE AND READY FOR SERVICE. 3. VERIFY THAT ABANDONED SERVICES SERVE ONLY ABANDONED FACILITIES BEFORE REMOVAL. 4. REMOVE ABANDONED PIPE, DUCTS, CONDUITS, AND EQUIPMENT, INCLUDING THOSE ABOVE ACCESSIBLE CEILINGS; REMOVE BEBE TO SOURCE OF SUPPLY WHERE POSSIBLE, OTHERWISE CAP STUB AND TAG WITH IDENTIFICATION. H. PROTECT EXISTING WORK TO REMAIN. 1. PREVENT MOVEMENT OF STRUCTURE; PROVIDE SHORING AND BRACING IF NECESSARY. 2. PERFORM CUTTING OF STRUCTURE; PROVIDE NEATLY AND AS SPECIFIED FOR CUTTING NEW WORK. 3. REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING REMOVAL WORK. 4. PATCH AS SPECIFIED FOR PATCHING NEW WORK.
		3.04 DEBRIS AND WASTE REMOVAL
		A. REMOVE DEBRIS, JUNK, AND TRASH FROM SITE. B. LEAVE SITE IN CLEAN CONDITION, READY FOR SUBSEQUENT WORK.
		END OF SECTION 02 41 00

MARK	DATE	DESCRIPTION
		1.02 QUALITY CONTROL
		A. QUALITY CONTROL SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, UNLESS SPECIFICALLY NOTED OTHERWISE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING, COORDINATION, START-UP, OPERATIONAL TESTING, AND COMMISSIONING OF ITEMS DURING THE PROJECT, UNLESS SPECIFICALLY NOTED OTHERWISE. ALL COSTS FOR THESE SERVICES SHALL BE INCLUDED IN THE CONTRACTOR'S COST OF WORK. B. THE CONTRACTOR SHALL ASSIGN ONE EMPLOYEE TO BE RESPONSIBLE FOR QUALITY CONTROL. THIS INDIVIDUAL MAY HAVE OTHER RESPONSIBILITIES, BUT MAY NOT BE THE CONTRACTOR'S PROJECT SUPERINTENDENT.
		1.03 QUALITY ASSURANCE
		A. THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE(S) WILL PERFORM QUALITY ASSURANCE. OWNER'S QUALITY ASSURANCE PROCEDURES MAY INCLUDE OBSERVATIONS, INSPECTIONS, TESTING, VERIFICATION, MONITORING AND ANY OTHER PROCEDURES DEEMED NECESSARY BY THE OWNER TO VERIFY COMPLIANCE WITH THE CONTRACT DOCUMENTS. B. THE CONTRACTOR SHALL COOPERATE WITH AND PROVIDE ASSISTANCE TO THE OWNER RELATED TO OWNER'S QUALITY ASSURANCE PROCEDURES. CONTRACTOR SHALL PROVIDE TO OWNER LADDERS, LIFTS, SCAFFOLDS, LIGHTING, PROTECTION, SAFETY EQUIPMENT AND ANY OTHER EQUIPMENT (INCLUDING OPERATORS IF REQUIRED) DEEMED NECESSARY BY THE OWNER TO ACCESS THE WORK FOR OBSERVATION/INSPECTION. C. OWNER MAY EMPLOY INDEPENDENT TESTING AGENCIES TO PERFORM CERTAIN SPECIFIED TESTING, AS OWNER DEEMS NECESSARY. THE CONTRACTOR SHALL INTEGRATE OWNER'S INDEPENDENT TESTING SERVICES WITHIN THE BASELINE PROJECT SCHEDULE AND WITH OTHER PROJECT ACTIVITIES. D. OWNER'S EMPLOYMENT OF AN INDEPENDENT TESTING AGENCY DOES NOT RELIEVE THE CONTRACTOR OF THE CONTRACTOR'S OBLIGATION TO PERFORM THE WORK IN STRICT ACCORDANCE WITH REQUIREMENTS OF THE CONTRACT DOCUMENTS.
		1.04 TESTING AGENCY
		A. THE CONTRACTOR SHALL EMPLOY AND PAY FOR SERVICES OF AN INDEPENDENT TESTING AGENCY SUBJECT TO THE APPROVAL OF THE OWNER TO PERFORM ALL SPECIFIED TESTING REQUIRING AN INDEPENDENT AGENCY, UNLESS SPECIFICALLY NOTED OTHERWISE. B. CONTRACTOR'S EMPLOYMENT OF AN INDEPENDENT TESTING AGENCY DOES NOT RELIEVE THE CONTRACTOR OF THE CONTRACTOR'S OBLIGATION TO PERFORM THE WORK IN STRICT ACCORDANCE WITH REQUIREMENTS OF THE CONTRACT DOCUMENTS. C. THE CONTRACTOR EMPLOYED TESTING AGENCY:
		1. THE TESTING AGENCY MUST HAVE THE EXPERIENCE AND CAPABILITY TO THAT SPECIALIZES IN THE TYPES OF TEST AND INSPECTION TO BE PERFORMED. 2. THE TESTING AGENCY SHALL COMPLY WITH REQUIREMENT OF ASTM E 329, ASTM E 543, ASTM E 548, ASTM C 1021, ASTM C 1077, ASTM C 1093, AND OTHER RELEVANT ASTM STANDARDS. 3. THE TESTING AGENCY MUST MAINTAIN A FULLTIME ENGINEER ON STAFF TO OVERSEE AND REVIEW THE SERVICES. THE ENGINEER MUST BE LICENSED IN THE STATE IN WHICH THE TESTS ARE TO BE PERFORMED. 4. THE TESTING AGENCY MUST CALIBRATE ALL TESTING EQUIPMENT AT REASONABLE INTERVALS (MINIMUM YEARLY) WITH ACCURATE REFERENCE TO EITHER NATIONAL BUREAU OF STANDARDS OR CALIBRATED VALUES OF NATURAL PHYSICAL CONSTANTS. D. THE CONTRACTOR SHALL NOT EMPLOY THE SAME TESTING ENTITY ENGAGED BY THE OWNER FOR THE PROJECT, WITHOUT THE OWNER'S WRITTEN APPROVAL.
		1.05 TESTING
		A. WHERE SPECIFIC TESTING IS SPECIFIED IN A TECHNICAL SECTION OF THE SPECIFICATION OR INDICATED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL BEAR ALL COSTS OF SUCH TESTS UNLESS THE OWNER HAS EXPRESSLY AGREED IN WRITING TO PAY FOR THE TEST. B. TESTING SPECIFICALLY IDENTIFIED TO BE CONDUCTED BY OWNER, WILL BE PERFORMED BY AN INDEPENDENT ENTITY AND WILL BE ARRANGED AND PAID FOR BY THE OWNER UNLESS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS. SHOULD THE TEST RETURN UNACCEPTABLE RESULTS, THE CONTRACTOR SHALL BEAR ALL COSTS OF RETESTING AND REINSPECTION AS WELL AS THE COST OF ALL MATERIAL CONSUMED BY TESTING, AND REPLACEMENT OF UNSATISFACTORY MATERIAL AND/OR WORKSMANSHIP. C. THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE WILL SCHEDULE THE OWNER'S TESTING SERVICES. THE CONTRACTOR MUST ASSIST THE OWNER'S CONSTRUCTION INSPECTOR TO FACILITATE TIMELINESS OF SUCH TESTING SERVICES. D. THE OWNER MAY ENGAGE ADDITIONAL CONSULTANTS FOR TESTING, AIR BALANCING COMMISSIONING, OR OTHER SPECIAL SERVICES. THE ACTIVITIES OF ANY SUCH OWNER CONSULTANTS ARE IN ADDITION TO CONTRACTOR TESTING OF MATERIALS OR SYSTEMS NECESSARY TO PROVE THAT PERFORMANCE IS IN COMPLIANCE WITH CONTRACT REQUIREMENTS. THE CONTRACTOR MUST COOPERATE WITH PERSONS AND FIRMS ENGAGED IN THESE ACTIVITIES.
		1.06 INSPECTIONS
		A. ALL OF THE WORK IS SUBJECT TO INSPECTION AND VERIFICATION OF CORRECT OPERATION PRIOR TO 100% PAYMENT OF THE LINE ITEM(S) PERTAINING TO THAT ASPECT OF THE WORK. B. DURING THE COURSE OF CONSTRUCTION, THE OWNER, ARCHITECT/ENGINEER, AND/ OR OTHER OWNER REPRESENTATIVES MAY VISIT THE SITE FOR OBSERVATION OF THE WORK IN PLACE. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PERSONNEL AND/OR EQUIPMENT FOR SAFE ACCESS TO THE WORK TO BE INSPECTED OR OBSERVED, REGARDLESS OF FREQUENCY. THIS REQUIREMENT SHALL EXTEND TO ALL OWNER PERSONNEL AND THEIR REPRESENTATIVES. SOME OF THESE INSPECTIONS WILL BE INFORMAL AND SOME WILL REQUIRE FORMAL NOTIFICATION BY THE CONTRACTOR. C. THE FOLLOWING ARE TYPICAL PROJECT INSPECTIONS: 1. INFORMAL DAILY REVIEWS OF PROJECT CONDITIONS BY THE OWNER'S DESIGNATED REPRESENTATIVE AND/OR MEMBERS OF THE PROJECT TEAM. THE RESULTS OF THESE REVIEWS WILL BE DOCUMENTED VIA OBSERVATION REPORTS OR MEMORANDUM. 2. CONCEALED SPACE INSPECTIONS SHALL BE INFORMALLY SCHEDULED IN ADVANCE BY THE CONTRACTOR BY SUBMITTING WRITTEN NOTIFICATION AT LEAST 5 DAYS PRIOR TO THE INSPECTION TO THE ARCHITECT OR THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE AND THE ARCHITECT. SUBJECT AREAS INCLUDE PARTITIONS, STRUCTURAL WALLS, CHASES, CRAWL SPACES, CEILING SPACES AND ANY OTHER WORK WHICH WILL BE DIFFICULT OR IMPOSSIBLE TO EXAMINE ONCE CONCEALED IN THE FINAL CONSTRUCTION. 3. PROGRESS INSPECTIONS FOR PIPING, DUCTWORK AND OTHER SYSTEMS SHALL BE SCHEDULED BY THE CONTRACTOR AS APPROPRIATE PORTIONS, OR SECTIONS, OF THE WORK ARE COMPLETED. THIS IS IN ADDITION TO "SYSTEM-WIDE" PERFORMANCE VERIFICATION AND TESTS. THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ARCHITECT IN WRITING AT LEAST FIVE (5) DAYS PRIOR TO THE SCHEDULE TESTING. THE CONTRACTOR SHALL CONDUCT THE TESTS AND THE OWNER OR HIS REPRESENTATIVES SHALL WILL WITNESS AND APPROVE THE RESULTS. 4. OVERHEAD AND ABOVE CEILING INSPECTIONS ARE SIMILAR IN NATURE AND REQUIREMENTS TO THE CONCEALED SPACE INSPECTIONS. CEILING THAT ARE FIXED IN PLACE, SUCH AS GYPSUM BOARD OR PLASTER, CONSTITUTE A CONCEALED SPACE INSPECTION. CEILING THAT ARE OF "LAY-IN" TYPE OR WHERE NO FINISH CEILING IS SCHEDULED ARE CONSIDERED AN "OVERHEAD" INSPECTION. CONTRACTOR SHALL INCLUDE OVERHEAD AND ABOVE CEILING INSPECTIONS ON THE WORK PROGRESS SCHEDULE. CONTRACTOR SHALL PROVIDE WRITTEN INSPECTION REQUEST NOTICE TO THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE AND THE ARCHITECT AT LEAST FIVE (5) CALENDAR DAYS IN ADVANCE. a. NO FINISH CEILING MATERIAL SHALL BE INSTALLED UNTIL ALL OVERHEAD PUNCH LIST ITEMS HAVE BEEN RESOLVED TO THE SATISFACTION OF THE OWNER. b. COMPLETED WORK IN PLACE NECESSARY FOR AN OVERHEAD INSPECTION SHALL INCLUDE ALL REQUIRED INFRASTRUCTURE AND APPURTENANCE, INCLUDING, IF BUT NOT LIMITED TO THE FOLLOWING: 1) INSTALLATION OF CEILING GRID OR FRAMEWORK 2) INSTALLATION AND OPERATION OF ALL ABOVE CEILING ELECTRICAL WORK, INCLUDING LIGHT FIXTURES. 3) INSTALLATION OF ALL HVAC AND PLUMBING WORK ABOVE CEILING WITH INSTALLATION AND CONNECTION OF AIR DEVICES. 4) INSTALLATION AND OPERATION OF ALL SPRINKLER HEADS 5) COMPLETION AND OWNER APPROVAL OF ALL REQUIRED TESTS FOR ABOVE CEILING WORK. 5. INSPECTIONS OF BUILDING SYSTEMS AND EQUIPMENT ARE REQUIRED TO CONFIRM ACCEPTABLE OPERATION. CONTRACTOR SHALL FORMALLY SCHEDULE THE INSPECTIONS THROUGH THE OWNER'S DESIGNATED REPRESENTATIVE AND ARCHITECT/ENGINEER. CONTRACTOR SHALL REFER TO TECHNICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS PERTAINING TO SYSTEM START-UP, COMMISSIONING, OPERATION, DEMONSTRATION, AND ACCEPTANCE. D. THE CONTRACTOR SHALL PERFORM A THOROUGH CHECKOUT OF OPERATIONS WITH THE MANUFACTURER'S REPRESENTATIVES PRIOR TO REQUESTING THE FORMAL INSPECTION BY THE OWNER. CONTRACTOR MUST NOTIFY THE OWNER'S DESIGNATED REPRESENTATIVE, IN ADVANCE, AS TO WHEN THE MANUFACTURER'S REPRESENTATIVE IS SCHEDULED TO ARRIVE AT THE SITE. E. INSPECTION AND DOCUMENTED APPROVAL OF INDIVIDUAL EQUIPMENT AND/OR SYSTEM(S) MUST BE ACCOMPLISHED PRIOR TO REQUESTING SUBSTANTIAL COMPLETION INSPECTION FOR ANY AREA AFFECTED BY SAID EQUIPMENT AND/OR SYSTEM. F. FOR "BUSINESS-HOURS" AND/OR LIFE SAFETY SYSTEMS, SUCH AS EMERGENCY LIGHTING, EMERGENCY POWER, UNINTERRUPTIBLE POWER SUPPLY SYSTEMS, FIRE ALARM, FIRE SPRINKLER SYSTEMS, SMOKE EVACUATION SYSTEMS, TOXIC GAS MONITORING, CAPTURED EXHAUST SYSTEMS, ETC. THE FORMAL START-UP INSPECTION SHALL BE COMPLETED PRIOR TO REQUESTING SUBSTANTIAL COMPLETION INSPECTION FOR ANY AREA OF THE PROJECT. 1. THE MANUFACTURER'S REPRESENTATIVES AND THE INSTALLING CONTRACTOR SHALL DEMONSTRATE BOTH OPERATION AND COMPLIANCE TO THE OWNER'S AGENTS AND CONSULTANTS. THE MANUFACTURER SHALL SCHEDULE APPROPRIATELY BY THE CONTRACTOR, THESE EQUIPMENT AND/OR SYSTEMS INSPECTIONS MAY ALSO SERVE TO PROVIDE THE REQUIRED OWNER TRAINING, IF APPROVED IN ADVANCE BY THE OWNER. 2. THE CONTRACTOR IS RESPONSIBLE FOR REQUESTING THAT THE OWNER'S DESIGNATED REPRESENTATIVE AND ARCHITECT/ENGINEER BE PRESENT FOR THE INSPECTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO ASSEMBLE OR ENCLOSURE THAT WOULD MAKE THE MATERIALS, EQUIPMENT, OR WORK INACCESSIBLE FOR INSPECTION AND AT OTHER TIMES AS MAY BE REQUIRED. G. FOR ANY REQUESTED SUSTAINED OPERATIONS, THE CONTRACTOR SHALL COMPLETE PRIOR INSPECTIONS TO ENSURE THAT ITEMS ARE READY FOR INSPECTION AND ACCEPTANCE BY THE OWNER AND/OR ARCHITECT/ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL COSTS INCURRED BY OWNER AND/OR OWNER REPRESENTATIVES, INCLUDING CONSULTANTS, RESULTING FROM A REVIEW OR INSPECTION THAT WAS SCHEDULED PREMATURELY. H. THE CONTRACTOR SHALL COORDINATE THE WORK AND SCHEDULE THE INSPECTIONS IN ADVANCE SO AS NOT TO DELAY THE WORK. INSPECTIONS SHALL BE INDICATED ON THE WORK PROGRESS SCHEDULE FOR ADVANCE PLANNING. CONTRACTOR SHALL ALLOW A MINIMUM OF FIVE (5) CALENDAR DAYS TO CONFIRM SCHEDULE OF REQUESTED INSPECTIONS WITH OWNER AND OWNER'S REPRESENTATIVES.
		1.07 PRE-INSTALLATION CONFERENCE
		A. THE CONTRACTOR SHALL COORDINATE AND CONDUCT PRE-INSTALLATION CONFERENCES AT THE SITE FOR EACH CONSTRUCTION ACTIVITY THAT REQUIRES COORDINATION WITH OTHER CONSTRUCTION. THE INSTALLERS AND REPRESENTATIVES OF THE MANUFACTURERS AND FABRICATORS INVOLVED IN OR AFFECTED BY THE INSTALLATION, AND ITS COORDINATION OR INTEGRATION WITH OTHER MATERIALS AND INSTALLATIONS THAT HAVE PRECEDED OR WILL PRECEDE THE CONSTRUCTION, SHALL BE INVITED TO THE PRE-INSTALLATION CONFERENCE(S). SHALL BE CONVENED FOLLOWING APPROVAL OF SUBMITTALS AND AT LEAST TWO (2) WEEKS PRIOR TO COMMENCEMENT OF THE WORK. B. THE PURPOSE OF THE PRE-INSTALLATION CONFERENCE(S) IS FOR THE CONTRACTOR AND ALL APPLICABLE SUBCONTRACTORS AND/OR SUPPLIERS AND/OR SUPPLIER REPRESENTATIVES TO DISCUSS ALL ASPECTS OF THE INSTALLATION OF THE WORK UNDER CONSIDERATION. CONTRACTOR SHALL DIRECT SPECIAL ATTENTION TO THE SCHEDULED ORDER OF WORK, ANY IMPACT ON OR BY ANY OTHER CONSTRUCTION WORK, AND TO ENSURE THE FOLLOWING: 1. CLEAR UNDERSTANDING OF DRAWING, SPECIFICATIONS AND APPROVED SUBMITTAL DATA. 2. ON-SITE INSPECTION AND ACCEPTANCE OF EXISTING CONDITIONS. 3. MEANS AND METHODS OF INSTALLATION 4. COORDINATION WITH THE WORK OF OTHER TRADES 5. SCHEDULE, DELIVERY, STORAGE AND PROTECTION OF ALL MATERIALS RELATING TO THE WORK OF THIS SECTION 6. THE CONTRACTOR SHALL TAKE AND DISTRIBUTE MINUTES OF THE MEETING TO THOSE IN ATTENDANCE WITHIN FIVE WORKING DAYS THEREAFTER. C. THE CONTRACTOR SHALL ENSURE ATTENDANCE OF THE INSTALLING SUBCONTRACTOR, MANUFACTURER AND/OR SUPPLIER (IF APPROPRIATE), SUPPORTING SUBCONTRACTORS INVOLVED IN THE INSTALLATION, AND ANY OTHER PARTIES INVOLVED IN THE PHASE OF WORK TO BE REVIEWED. D. THE CONTRACTOR SHALL BE PREPARED AND FAMILIAR WITH THE REQUIREMENTS OF THIS PROJECT MANUAL PRIOR TO ATTENDING THE PRE-INSTALLATION CONFERENCE. THE CONTRACTOR SHALL ALSO BRING ALL SUBMITTAL, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES TO THE PRE-INSTALLATION CONFERENCE. E. THE CONTRACTOR SHALL PREPARE AN AGENDA FOR EACH PRE-INSTALLATION CONFERENCE AND DISTRIBUTE TO ALL PROPOSED ATTENDEES. F. THE CONTRACTOR SHALL TAKE MINUTES OF THE PRE-INSTALLATION CONFERENCE(S) AND DISTRIBUTE TO ALL PROPOSED ATTENDEES. G. WHETHER REQUIRED IN THE TECHNICAL SPECIFICATION OR NOT, A PRE-INSTALLATION CONFERENCE SHALL BE CONDUCTED FOR THE FOLLOWING WORK, IF INCLUDED IN THE PROJECT: 1. CONCRETE: a. CAST-IN-PLACE CONCRETE b. LIGHTWEIGHT INSULATING CONCRETE 2. SHEET WATERPROOFING 3. UNIT MASONRY AND ACCESSORIES 4. STRUCTURAL FRAMING AND METAL DECKING 5. DECORATIVE METAL RAILINGS AND MONUMENTAL STAIRS 6. ARCHITECTURAL WOOD CASEWORK a. CONFERENCE SHALL TAKE PLACE IN COORDINATION WITH INSTALLATION OF FLOORING PRODUCTS THAT CASEWORK SHALL BE INSTALLED UPON. REFER TO SECTION 09 65 00, PART 3, AND 06 41 00, PART 3. 7. VAPOR AND AIR BARRIERS 8. ROOFING AND ROOF INSULATION 9. RESILIENT FLOORING 10. SHEET METAL FLASHING AND TRIM 11. ROOF ACCESSORIES 12. JOINT PROTECTION, SEALANTS, EXPANSION JOINT COVER ASSEMBLIES 13. ENTRANCES, STOREFRONTS AND CURTAIN WALLS 14. DOOR HARDWARE 15. GLAZING 16. GYPSUM BOARD ASSEMBLIES 17. PORTLAND CEMENT STUCCO 18. FLOOR TILING AND PREPARATION OF CONCRETE SUBSTRATES 19. RESILIENT FLOORING 20. WALKWAY COVERINGS 21. EXTERIOR SUN CONTROL DEVICES 22. RADIATION PROTECTION 23. ELEVATORS AND ELEVATOR EQUIPMENT ROOMS 24. ALL OTHER FIRE SUPPRESSION, PLUMBING, HEATING, VENTILATING AND AIR CONDITIONING, ELECTRICAL, COMMUNICATIONS, ELECTRICAL SAFETY AND SECURITY SYSTEMS. 25. EXISTING WORK AND/OR EQUIPMENT TO BE IMPROVED 26. LANDSCAPING AND IRRIGATION 27. SITE UTILITIES 28. OTHER WORK THAT MAY BE UNIQUE TO A SPECIFIC PROJECT NOT INCLUDED ABOVE.
		PART 2-PRODUCTS (NOT USED)
		PART 3-EXECUTION (NOT USED)
		SECTION 01 50 00 - TEMPORARY FACILITIES AND CONTROLS
		PART 1 - GENERAL
		1.01 SECTION INCLUDES
		A. TEMPORARY UTILITIES: ELECTRICITY, LIGHTING, HEAT, VENTILATION, TELEPHONE SERVICE, WATER, AND SANITARY FACILITIES. B. TEMPORARY CONTROLS: BARRIERS, ENCLOSURES AND FENCING, PROTECTION OF THE WORK, AND WATER CONTROL. C. CONSTRUCTION FACILITIES: ACCESS ROADS, PARKING, PROGRESS CLEANING, PROJECT SIGNAGE, AND TEMPORARY BUILDINGS. D. RESTRICTIONS ON THE USE OF EXISTING ADJACENT FACILITIES.
		1.02 TEMPORARY ELECTRICITY
		A. PROVIDE AND PAY FOR POWER SERVICE REQUIRED FOR CONSTRUCTION AND TESTING FROM LOCAL UTILITY SOURCE. B. PROVIDE TEMPORARY ELECTRIC FEEDER FROM EXISTING ELECTRICAL SERVICE AT LOCATION AS DIRECTED BY UTILITY. PROVIDE ALL NECESSARY MATERIALS AND LABOR TO ESTABLISH AND MAINTAIN PROTECTED AND CAPABLE SYSTEMS. COORDINATE WITH OWNER BEFORE MAKING TAPS OR DISTURBING EXISTING SERVICE. C. PROVIDE SEPARATE METERING AND PAY FOR COST OF ENERGY USED UNTIL SUBSTANTIAL COMPLETION. IF ELECTRICITY IS TURNED OVER TO OWNER'S NAME PRIOR TO SUBSTANTIAL COMPLETION, REIMBURSE OWNER FOR ENERGY USED UP TO SUBSTANTIAL COMPLETION. D. PROVIDE POWER OUTLETS FOR CONSTRUCTION OPERATIONS, WITH BRANCH WIRING AND DISTRIBUTION BOXES LOCATED AS REQUIRED. PROVIDE FLEXIBLE POWER CORDS AS REQUIRED. E. PERMANENT CONVENIENCE RECEPTACLES MAY BE UTILIZED DURING CONSTRUCTION.
		1.03 TEMPORARY LIGHTING
		A. PROVIDE AND MAINTAIN ADEQUATE LIGHTING FOR CONSTRUCTION OPERATIONS TO ACHIEVE A MINIMUM LIGHTING LEVEL OF ONE (1) watt/sq ft. B. PROVIDE AND MAINTAIN 2 FOOT CANDLE LIGHTING TO EXTERIOR STAGING AND STORAGE AREAS AFTER DARK FOR SECURITY PURPOSES. C. PERMANENT BUILDING LIGHTING MAY BE UTILIZED DURING CONSTRUCTION.
		1.04 TEMPORARY HEAT AND COOLING
		A. PROVIDE AND PAY FOR HEATING AND COOLING AS REQUIRED TO MAINTAIN SPECIFIED CONDITIONS FOR CONSTRUCTION OPERATIONS OR AS REQUIRED FOR PROPER CONDUCT OF OPERATIONS INCLUDED IN THE WORK.
		1.05 TEMPORARY VENTILATION
		A. VENTILATE ENCLOSURED AREAS TO ASSIST CURE OF MATERIAL, TO DISSIPATE HUMIDITY, AND TO PREVENT ACCUMULATION OF DUST, FUMES, VAPORS, OR GASES.
		1.06 SITE COMMUNICATION
		A. PROVIDE, MAINTAIN AND PAY FOR SITE COMMUNICATIONS TO INCLUDE TELEPHONE, TELEPHONE ANSWERING AND MESSAGE DEVICES, e-mail RECEIVING AND SENDING CAPABILITIES AND FAX RECEIVING AND SENDING CAPABILITIES. ALL SUCH MEANS OF COMMUNICATION SHALL BE ACCESSIBLE FROM THE COMMENCEMENT OF CONSTRUCTION THROUGH THE FINAL COMPLETION OF THE PROJECT.
		1.07 TEMPORARY WATER SERVICE
		A. PROVIDE, MAINTAIN, AND PAY FOR SUITABLE QUALITY WATER SERVICE REQUIRED FOR CONSTRUCTION OPERATIONS. COORDINATE WITH OWNER IF WATER SUPPLY IS NOT SEPARATELY METERED. PAY ALL COSTS AND EXPENSES ASSOCIATED WITH SUCH USE. B. EXTEND BRANCH PIPING WITH OUTLETS LOCATED SO WATER IS AVAILABLE BY HOSES WITH THREADED CONNECTIONS.
		1.08 TEMPORARY SANITARY FACILITIES
		A. PROVIDE AND MAINTAIN REQUIRED FACILITIES AND ENCLOSURES ON SITE. MAINTAIN DAILY IN CLEAN AND SANITARY CONDITIONS. ADJACENT BUILDING TOILET FACILITIES ARE NOT TO BE USED.
		1.09 BARRIERS
		A. PROVIDE BARRIERS TO PREVENT UNAUTHORIZED ENTRY TO CONSTRUCTION AREAS AND TO PROTECT EXISTING FACILITIES AND ADJACENT PROPERTIES FROM DAMAGE FROM CONSTRUCTION OPERATIONS. B. PROVIDE BARRICADES REQUIRED BY GOVERNING AUTHORITIES FOR PUBLIC RIGHTS-OF-WAY
		1.10 DUST CONTROL
		A. EXECUTE WORK BY METHODS TO MINIMIZE RISING DUST FROM CONSTRUCTION OPERATIONS. IF SIGNIFICANT DUST OCCURS RESULTING IN COMPLAINTS FROM ADJACENT TENANTS, REVERSE METHOD OF OPERATION IMMEDIATELY. NOTIFY THE ARCHITECT IMMEDIATELY. NOTIFICATION FROM THE ARCHITECT OR OWNER. B. IF EXCESSIVE DUST OCCURS AFTER NOTIFICATION TO CONTRACTOR, THE OWNER RESERVES THE RIGHT TO INITIATE IMMEDIATE CLEANUP ACTIVITIES AND BACK CHARGE THE CONTRACTOR.
		1.11 NOISE CONTROL
		A. SUSTAINED OPERATIONS WHICH GENERATE HIGH NOISE LEVELS (SUCH AS PILE DRIVING, JACK HAMMER WORK, ETC) FOR PERIODS EXCEEDING 10 MINUTES SHALL BE SCHEDULED AFTER NORMAL OFFICE WORKING HOURS OR ON WEEKENDS. B. THE OWNER'S RESIDENT MANAGER SHOULD BE NOTIFIED AT LEAST 24 HOURS BEFORE ANY HIGH NOISE GENERATING OPERATIONS COMMENCE. HIGH LEVELS OF NOISE ARE ANY CONSTRUCTION RELATED OPERATIONS WHICH, IN THE RESIDENT MANAGERS' OPINION, SIGNIFICANTLY EXCEED THE AMBIENT NOISE LEVELS NORMALLY OCCURRING ON SITE. 1. CHOICE OF EQUIPMENT SHALL BE SUCH AS TO KEEP NOISE TO A MINIMUM. GASOLINE OR DIESEL POWERED EQUIPMENT SHALL BE PROVIDED WITH PROPER mufflers for noise abatement. 2. IF ANY ON-GOING NOISE GENERATING ACTIVITY BECOMES OBJECTIONABLE BY ITS LONGEVITY OR INTENSITY, AN ACTIVITY/TIME SCHEDULE SHALL BE PREPARED FOR APPROVAL OF THE OWNER TO ENABLE THE ACTIVITY TO CONTINUE DURING MUTUALLY ACCEPTABLE TIMES. 3. IF THE OWNER OR HIS AGENT NOTIFIES THE CONTRACTOR THAT SIGNIFICANT NOISE LEVELS ARE DISTURBING AND NEGATIVELY AFFECTING THE ADJACENT TENANTS, THE CONTRACTOR SHALL IMMEDIATELY STOP THE NOISE PRODUCING OPERATIONS AND RESCHEDULE IT AS REQUIRED ABOVE.
		1.12 PERSONNEL
		A. THE CONTRACTOR SHALL DIRECT REMOVAL FROM THE SITE OF ANY PERSONNEL WHO ARE DRIVING THE NORMAL AND ORDERLY CONDUCT OF OPERATIONS BY THEIR ACTIONS OR ACTIVITIES. NO SUBSTITUTION, ALCOHOL USAGE OR FIGHTING IS TO BE ALLOWED AT ANY TIME. 1. OCCUPANTS OF ADJACENT FACILITIES ARE TO BE TREATED WITH RESPECT AT ALL TIME. OBNOXIOUS, CRUDE, OR OTHERWISE NON-CIVIL BEHAVIOR TO OCCUPANTS WILL NOT BE TOLERATED AND MAY RESULT IN THE APPROPRIATE PARTIES BEING BANNED FROM THE JOB SITE BY THE OWNER.
		1.13 TEMPORARY CONSTRUCTION
		A. FURNISH, INSTALL, AND MAINTAIN FOR THE DURATION OF CONSTRUCTION ALL REQUIRED SCAFFOLDS, TIE-BACKS, BARRICADES, CANOPIES, WARNING SIGNS, STEPS, BRIDGES, PLATFORMS, AND OTHER TEMPORARY CONSTRUCTIONS NECESSARY FOR PROPER COMPLETION OF THE WORK. SUCH CONSTRUCTION SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND STATE OSHA AND OTHER SAFETY REGULATIONS.
		1.14 PROTECTION OF INSTALLED WORK
		A. PROTECT INSTALLED WORK AND PROVIDE SPECIAL PROTECTION WHERE SPECIFIED IN INDIVIDUAL SPECIFICATION SECTIONS.
		1.15 SECURITY
		A. PROVIDE SAFETY AND FACILITIES TO PROTECT WORK AND OWNER'S OPERATIONS FROM UNAUTHORIZED ENTRY VANDALISM, OR THEFT.
		1.16 SAFETY
		A. FURNISH, PLACE AND MAINTAIN BARRIERS, SIGNS, AND WARNING LIGHTS REQUIRED FOR SAFETY AND PROTECTION OF SITE PERSONAL AND ADJACENT EXISTING FACILITIES. 1. INCLUDE SAFEGUARDS TO MINIMIZE RISK TO UNAUTHORIZED PERSONS. 2. INSTALL SUPPORTS, SHORING, AND SHEET PILING IN ACCORDANCE WITH APPLICABLE OSHA REGULATIONS. 1.17 PARKING A. PROVIDE TEMPORARY SURFACE PARKING AREAS TO ACCOMMODATE CONSTRUCTION PERSONNEL. 1.18 PROGRESS CLEANING A. MAINTAIN AREAS FREE OF WASTE MATERIALS, DEBRIS, AND RUBBISH. MAINTAIN SITE IN A CLEAN AND ORDERLY CONDITION. B. REMOVE DEBRIS AND RUBBISH FROM PIPE CHASES, PLENUMS, ATTICS, CRAWL SPACES, AND OTHER CLOSED OR REMOTE SPACES PRIOR TO ENCLOSING THE SPACE. C. BROOM AND VACUUM CLEAN INTERIOR AREAS PRIOR TO START OF SURFACE FINISHING, AND CONTINUE CLEANING TO ELIMINATE DUST. D. REMOVE WASTE MATERIALS, DEBRIS, AND RUBBISH FROM SITE A MINIMUM OF ONCE EVERY TWO WEEKS AND DISPOSE OFF-SITE. E. INSPECT STRUCTURES AND PICK UP ALL SCRAP, DEBRIS AND WASTE MATERIAL. REMOVE ALL SUCH ITEMS TO THE PLACE DESIGNATED FOR THEIR STORAGE. F. SWEEP ALL INTERIOR SPACES CLEAN DAILY. "CLEAN" SHALL BE INTERPRETED AS MEANING FREE FROM DUST AND OTHER MATERIAL CAPABLE OF BEING REMOVED BY USE OF REASONABLE EFFORT AND-HELD BROOM. G. REQUIRED PREPARATORY TO INSTALLATION OF SUCCEEDING MATERIALS, CLEAN STRUCTURE OR PERTINENT PORTIONS THEREOF TO DEGREE OF CLEANLINESS RECOMMENDED BY MANUFACTURER OF SUCCEEDING MATERIAL, USING EQUIPMENT AND MATERIALS REQUIRED TO ARCHIVE REQUIRED CLEANLINESS. H. WHILE WORK IS BEING PERFORMED IN THE SPACE IN WHICH FINISH MATERIALS HAVE BEEN INSTALLED, CLEAN FINISH FLOOR DAILY, AND MORE OFTEN IF NECESSARY. "CLEAN" SHALL BE INTERPRETED AS MEANING FREE FROM ALL FOREIGN MATERIAL WHICH, IN THE OPINION OF ARCHITECT, MAY BE INJURIOUS TO FINISH FLOOR MATERIAL. PART 2 - PRODUCTS (NOT USED) PART 3 - EXECUTION (NOT USED)
		END OF SECTION 01 50 00
		SECTION 01 58 00 - PROJECT IDENTIFICATION
		PART 1 - GENERAL
		1.01 REQUIREMENTS INCLUDED
		A. PROVIDE TEMPORARY ON-SITE INFORMATIONAL SIGNS; TO DIRECT TRAFFIC ONLY. B. REMOVE SIGNS ON COMPLETION OF CONSTRUCTION, PRIOR TO OBTAINING CERTIFICATE OF OCCUPANCY
		1.02 INFORMATION SIGNS
		A. PAINTED SIGNS WITH PAINTED LETTERING: 1. SIZE OF SIGNS AND LETTERING; SUFFICIENT SIZE TO PROVIDE DIRECTION TO APPROPRIATE LOCATION ON SITE OR AS MAY BE REQUIRED BY REGULATORY AGENCY. B. ERECT AT APPROPRIATE LOCATIONS TO PROVIDE THE REQUIRED INFORMATION. PART 2-PRODUCTS 2.01 SIGN MATERIAL A. STRUCTURES AND FRAMING: MAY BE NEW OR USED, WOOD OR METAL, IN SOUND CONDITION AND CLEARLY MARKED. MATERIALS SHALL NOT BE REMOVED FROM CONTAINERS FOR SPECIFIED FINISH. B. ROUGH HARDWARE: GALVANIZED. PART 3 - EXECUTION 3.01 MAINTENANCE A. MAINTAIN SIGNS AND SUPPORTS IN A NEAT, CLEAN CONDITION; REPAIR DAMAGE TO STRUCTURE, FRAMING OR SIGN. 1. RELOCATE INFORMATION SIGNS AS REQUIRED BY PROGRESS OF THE WORK 3.02 REMOVAL A. REMOVE SIGNS, FRAMING AND SUPPORTS AT COMPLETION OF PROJECT. 2. LEAVE AREAS CLEAN AND PATCH AS REQUIRED TO OBLITERATE SIGN USAGE. END OF SECTION 01 58 00
		SECTION 01 61 23 - USE OF ARCHITECTURAL AND ENGINEERING DOCUMENTS
		PART 1 - GENERAL
		1.01 GENERAL A. CONSTRUCTION DOCUMENTS ARE PREPARED BY FOREFRONT ARCHITECTURE AND ENGINEERING AND THEIR CONSULTANTS FOR THE PROJECT INDICATED IN THE DOCUMENTS ONLY. FOREFRONT ARCHITECTURE AND ENGINEERING AND THEIR CONSULTANTS ARE DEEMED THE AUTHORS OF SUCH DOCUMENTS AND RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVE RIGHTS, INCLUDING THE COPYRIGHT. B. ELECTRONIC FILES OF THE CONSTRUCTION DOCUMENTS IN AUTOCAD OR REVIT FORMAT WILL BE AVAILABLE TO THE GENERAL CONTRACTOR WHEN, IN THE JUDGMENT OF THE ARCHITECT AND THEIR CONSULTANTS, IT WILL HELP FACILITATE THE SUBMITTAL REVIEW PROCESS. THE USE AND DISTRIBUTION OF THIS COPYRIGHTED AND CONFIDENTIAL MATERIAL IS AT THE ARCHITECT'S AND THEIR CONSULTANTS' DISCRETION AND IS STRICTLY LIMITED. THERE IS NO IMPLIED OR EXPRESSED WARRANTY AS TO THE ACCURACY, COMPLETENESS OR THE INFORMATION CONTAINED THEREIN. THE CONTRACTOR SHALL CHANGE AT THE DISCRETION OF FOREFRONT ARCHITECTURE AND ENGINEERING AND THEIR CONSULTANTS. C. THE FOLLOWING GUIDELINES ARE APPLICABLE TO REQUESTS FOR ELECTRONIC FILES: 1. THE GENERAL CONTRACTOR MUST SUBMIT AN "ELECTRONIC FILE REQUEST" FORM AND SIGN A "RELEASE OF LIABILITY" FORM FOUND AT THE END OF THIS SPECIFICATION SECTION AND SUBMIT TO THE PROJECT MANAGER BY FAX OR EMAIL. THE FILES WILL NOT BE RELEASED UNTIL THE REQUEST HAS BEEN APPROVED BY THE PROJECT PRINCIPAL AND THE PROJECT MANAGER. 2. THE FOLLOWING ARCHITECTURAL DRAWINGS ARE THE ONLY ELECTRONIC FILES AVAILABLE FROM FOREFRONT ARCHITECTURE AND ENGINEERING FOR DISTRIBUTION TO THE GENERAL CONTRACTOR, FOR ITS USE, AND THAT OF ITS SUB-CONTRACTORS IN PREPARING SHOP DRAWING SUBMITTALS: a. FLOOR PLANS b. REFLECTED CEILING PLANS c. FLOOR PATTERN PLANS d. FURNITURE PLANS e. INTERIOR ELEVATIONS 3. REQUESTS ARE TO BE MADE IN WRITING OR BY EMAIL AND ARE TO IDENTIFY THE SPECIFIC SHEETS BY SHEET NUMBER. 4. AT THE DISCRETION OF FOREFRONT ARCHITECTURE AND ENGINEERING, ELECTRONIC FILE REQUESTS SHALL BE PROCESSED AS FOLLOWS: a. ELECTRONIC DRAWING FILES MAY BE PROVIDED BY NO COST ONE TIME ONLY AFTER THE DRAWINGS HAVE BEEN ISSUED FOR CONSTRUCTION DOCUMENTS TO THE GENERAL CONTRACTOR. b. ELECTRONIC FILES THAT ARE NOT AVAILABLE TO THE GENERAL CONTRACTOR WILL BE BILLED TO THE GENERAL CONTRACTOR AT AN HOURLY RATE TO COVER THE COST OF PREPARATION OF THE ELECTRONIC DRAWING. RELEASE PACKAGE. 7. THE REQUESTED ELECTRONIC FILES WILL BE RELEASED BY FOREFRONT ARCHITECTURE AND ENGINEERING TO THE GENERAL CONTRACTOR UPON RECEIPT OF PAYMENT. d. FILE REQUESTS BY THE SUB CONTRACTORS ARE TO BE SUBMITTED THRU THE GENERAL CONTRACTOR AS REFERENCED ABOVE. 5. AT THE DISCRETION OF FOREFRONT ARCHITECTURE AND ENGINEERING, THE GENERAL CONTRACTOR MAY CONTACT THE CONSULTANTS DIRECTLY TO REQUEST COPIES OF THEIR DRAWINGS AND ASIDE BY THE CONSULTANTS. THE CONSULTANT MAY IMPROVE FOR RELEASING THEIR DOCUMENTS. 6. FOREFRONT ARCHITECTURE AND ENGINEERING AND THEIR CONSULTANTS WILL NOT BE RESPONSIBLE FOR CONVERTING ANY FILES TO THE REQUESTER'S DRAFTING APPLICATION AND/OR VERSION. 7. THE REQUESTED ELECTRONIC FILES WILL BE SENT VIA NEWFORME INFO EXCHANGE TO THE PERSON REQUESTING THE FILES. 8. A BIM / REVIT MODEL MAY BE AVAILABLE FOR THIS PROJECT AT THE DISCRETION OF THE ARCHITECT. RELEASE OF THIS MODEL IS CONTINGENT ON EXECUTION OF A DIGITAL DATA LICENSING AGREEMENT BETWEEN THE ARCHITECT AND THE GENERAL CONTRACTOR. PART 2 - PRODUCTS (NOT USED) PART 3 - EXECUTION (NOT USED)
		END OF SECTION 01 61 23
		SECTION 01 66 00 - PROJECT STORAGE AND HANDLING REQUIREMENTS
		PART 1 - GENERAL
		1.01 QUALITY ASSURANCE
		A. INCLUDE WITHIN THE CONTRACTOR'S QUALITY ASSURANCE PROGRAM SUCH PROCEDURES AS ARE REQUIRED TO ASSURE FULL PROTECTION OF WORK AND MATERIALS.
		1.02 MANUFACTURER'S RECOMMENDATIONS
		A. EXCEPT AS OTHERWISE APPROVED BY THE ARCHITECT, DETERMINE AND COMPLY WITH MANUFACTURER'S RECOMMENDATIONS ON PRODUCT HANDLING, STORAGE AND PROTECTION.
		PART 2 - PRODUCTS
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ISSUE - REVISION LOG

MARK	DATE	DESCRIPTION
		SECTION 09 23 00 - INTERIOR PAINTING
		1.01 SECTION INCLUDES
		A. Surface preparation.
		B. Field application of paints.
		C. Scope: Finish interior surfaces exposed to view, unless fully factory-finished and unless otherwise indicated.
		D. Do Not Paint or Finish the Following Items:
		1. Items factory-finished unless otherwise indicated; materials and products having factory-applied primers are not considered factory finishes.
		2. Items indicated to receive other finishes.
		3. Items indicated to remain unfinished.
		4. Fire rating labels, equipment serial number and capacity labels, bar code labels, and operating parts of equipment.
		5. Stainless steel, anodized aluminum, bronze, terne-coated stainless steel, and lead items.
		6. Marble, granite, slate, and other natural stones.
		7. Floors, unless specifically indicated.
		8. Ceramic and other tiles.
		9. Brick, architectural concrete, cast stone, integrally colored plaster, and stucco.
		10. Glass.
		11. Acoustical materials, unless specifically indicated.
		12. Concealed pipes, ducts, and conduits.
		1.02 RELATED REQUIREMENTS
		A. Section 05 00 - Metal Fabrications: Shop-primed items.
		B. Section 05 51 00 - Metal Stairs: Shop-primed items.
		C. Section 09 13 13 - Exterior Painting.
		1.03 REFERENCE STANDARDS
		A. ASTM D4258 - Standard Practice for Surface Cleaning Equipment for Coating; 2023.
		B. ASTM D4442 - Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Based Materials; 2020.
		C. MPI (APSI) - Master Painters Institute Approved Products List; Master Painters and Decorators Association; Current Edition.
		D. MPI (APSM) - Master Painters Institute Architectural Painting Specification Manual; Current Edition.
		E. SSPC-SP 1 - Solvent Cleaning; 2015, with Editorial Revision (2016).
		F. SSPC-SP 6/NACE No. 3 - Commercial Blast Cleaning; 2006.
		G. SSPC-SP 13/NACE No. 6 - Surface Preparation of Concrete; 2018.
		1.04 SUBMITTALS
		A. See Section 01 30 00 - Administrative Requirements , for submittal procedures.
		B. Product Data: Provide complete list of products to be used, with the following information for each:
		1. Manufacturer's name, product name and/or catalog number, and general product category (e.g., "alkyd enamel").
		2. MPI product number (e.g., MPI #47).
		3. Cross-reference to specified paint system products to be used in project; include description of each system.
		C. Samples: Submit three paper "draw down" samples, 8-1/2 by 11 inches in size, illustrating range of colors available for finishing product specified.
		1. Where shade is specified, submit samples in only that shade.
		2. Where shade is not specified, submit each color in each shade available.
		1.05 QUALITY ASSURANCE
		A. Installer Qualifications: Company specializing in performing the type of work specified with minimum 3 years experience and approved by manufacturer.
		1.06 DELIVERY, STORAGE, AND HANDLING
		A. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.
		B. Container Label: Include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing.
		C. Paint Materials: Store at minimum ambient temperature of 45 degrees F and a maximum of 90 degrees F, in ventilated area, and as required by manufacturer's instructions.
		1.07 FIELD CONDITIONS
		A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the paint product manufacturer.
		B. Follow manufacturer's recommended procedures for producing best results, including testing of substrates, moisture in substrates, and humidity and temperature fluctuations.
		C. Provide lighting level of 80 fc measured mid-height at substrate surface.
		PART 2 PRODUCTS
		2.01 MANUFACTURERS
		A. Provide paints and finishes used in any individual system from the same manufacturer; no exceptions.
		B. Paints:
		1. Behr Paint Company: www.behr.com/#se.
		2. Diamond Vogel Paints: www.diamondvogel.com/#se.
		3. Dunn-Edwards Corporation: www.dunedwards.com/#se.
		4. PPG Paints: www.ppgpaints.com/#se.
		5. Sherwin-Williams Company: www.sherwin-williams.com/#se.
		C. Primer Sealers: Same manufacturer as top coats.
		D. Substitutions: See Section 01 60 00 - Product Requirements.
		A. Paints and Finishes: Ready-mixed, unless indicated to be a field-catalyzed paint.
		1. Where MPI paint numbers are specified, provide products listed in Master Painters Institute Approved Product List, current edition available at www.paintinfo.com, for specified MPI categories, except as otherwise indicated.
		2. Provide paints and finishes of a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating, with good flow and brushing properties, and capable of drying or curing free of streaks or sags.
		3. Supply each paint material in quantity required to complete entire project's work from a single production run.
		4. Do not reduce, thin, or dilute paint or finishes or add materials unless such procedure is specifically described in manufacturer's product instructions.
		5. Sheens: Provide the sheens specified; where sheen is not specified, sheen will be selected later by Architect from the manufacturer's full line.
		6. Colors: To be selected from manufacturer's full range of available colors.
		1. Selection to be made by Architect after award of contract.
		2. Allow for minimum of three colors for each system, unless otherwise indicated, without additional cost to Owner.
		3. Extend coats to surface edges; colors may change at any edge as directed by Architect.
		4. In finished areas, finish pipes, ducts, conduit, and equipment the same color as the wall/ceiling under which they are mounted.
		2.02 PAINT SYSTEMS - INTERIOR
		A. Paint I-OP - Interior Surfaces to be Painted, Unless Otherwise Indicated: Including gypsum board, concrete, concrete masonry units, brick, wood, plaster, uncoated steel, shop primed steel, galvanized steel, aluminum, and acoustical ceilings.
		1. Two top coats and one coat primer.
		2. Top Coat(s): Interior Latex; MPI #43, 44, 52, 53, 54, or 114.
		a. Products:
		1. Behr Premium Plus Interior Flat [No.1050], (MPI #53)
		2. Behr Premium Plus Interior Eggshell Enamel [No.2050], (MPI #52)
		3. Dunn-Edwards Corporation; Suprema Interior Flat. (MPI #53)
		4. Dunn-Edwards Corporation; Ultra-Wall Interior Eggshell Flat. (MPI #44)
		5. PPG Paints Speedhide Interior Latex, 6-70 Series, Flat. (MPI #53)
		6. PPG Paints Speedhide Interior Latex, 6-4101 Series, Low-Sheen Eggshell. (MPI #44)
		7. Sherwin-Williams Solo Series, Flat. (MPI #53)
		8. Sherwin-Williams Solo Series, Egg-Shell. (MPI #139)
		9. Substitutions: See Section 01 60 00 - Product Requirements
		a. Top Coat Sheen:
		1. Flat: MPI gloss level 1; use this sheen for ceilings and other overhead surfaces.
		2. Eggshell: MPI gloss level 3; use this sheen at all locations.
		d. Primer: As recommended by top coat manufacturer for specific substrate.
		2. Paint I-OP-MD-WC - Medium Duty Vertical and Overhead: Including gypsum board, plaster, concrete, concrete masonry units, uncoated steel, shop primed steel, galvanized steel, and aluminum.
		a. Two top coats and one coat primer.
		b. Top Coat(s): High Performance Architectural Interior Latex; MPI #138, 139, 140, or 141.
		1. Products:
		1. Behr Premium Plus Interior Eggshell Enamel [No.2050], (MPI #139)
		2. PPG Paints Pure Performance Interior Latex, 9-310XI Series, Eggshell. (MPI #138)
		3. Sherwin-Williams Pro Industrial Pre-Catalyzed Waterbased Epoxy, Eg-Shell. (MPI #139)
		4. Substitutions: See Section 01 60 00 - Product Requirements
		c. Top Coat Sheen:
		1. Flat: MPI gloss level 1; use this sheen for ceilings and other overhead surfaces.
		2. Eggshell: MPI gloss level 3; use this sheen at all locations.
		d. Primer: As recommended by top coat manufacturer for specific substrate.
		3. Paint I-OP-DF - Dry Fall: Metals; exposed structure and overhead-mounted services in utilitarian spaces, including shop primed steel deck, structural steel, metal fabrications, galvanized ducts, galvanized conduit, and galvanized piping.
		a. Shop primer by others.
		b. One top coat.
		c. Top Coat: Text Dry Flat; MPI #118, 155, or 226.
		1. Products:
		1. Dunn-Edwards Corporation; Aquaflex Flat. (MPI #118)
		2. PPG Paints Pure Performance Interior Latex, 9-310XI Series, Eggshell. (MPI #138)
		3. Sherwin-Williams Pro Industrial Pre-Catalyzed Waterbased Epoxy, Eg-Shell. (MPI #139)
		4. Substitutions: See Section 01 60 00 - Product Requirements
		c. Top Coat Sheen:
		1. Flat: MPI gloss level 1; use this sheen for ceilings and other overhead surfaces.
		2. Eggshell: MPI gloss level 3; use this sheen at all locations.
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		4. Substitutions: See Section 01 60 00 - Product Requirements
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		2. Eggshell: MPI gloss level 3; use this sheen at all locations.
		d. Primer: As recommended by top coat manufacturer for specific substrate.
		3. Paint I-OP-DF - Dry Fall: Metals; exposed structure and overhead-mounted services in utilitarian spaces, including shop primed steel deck, structural steel, metal fabrications, galvanized ducts, galvanized conduit, and galvanized piping.
		a. Shop primer by others.
		b. One top coat.
		c. Top Coat: Text Dry Flat; MPI #118, 155, or 226.
		1. Products:
		1. Dunn-Edwards Corporation; Aquaflex Flat. (MPI #118)
		2. PPG Paints Pure Performance Interior Latex, 9-310XI Series, Eggshell. (MPI #138)
		3. Sherwin-Williams Pro Industrial Pre-Catalyzed Waterbased Epoxy, Eg-Shell. (MPI #139)
		4. Substitutions: See Section 01 60 00 - Product Requirements
		c. Top Coat Sheen:
		1. Flat: MPI gloss level 1; use this sheen for ceilings and other overhead surfaces.
		2. Eggshell: MPI gloss level 3; use this sheen at all locations.
		d. Primer: As recommended by top coat manufacturer for specific substrate.
		3. Paint I-OP-DF - Dry Fall: Metals; exposed structure and overhead-mounted services in utilitarian spaces, including shop primed steel deck, structural steel, metal fabrications, galvanized ducts, galvanized conduit, and galvanized piping.
		a. Shop primer by others.
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		1. Products:
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		4. Substitutions: See Section 01 60 00 - Product Requirements
		c. Top Coat Sheen:
		1. Flat: MPI gloss level 1; use this sheen for ceilings and other overhead surfaces.
		2. Eggshell: MPI gloss level 3; use this sheen at all locations.
		d. Primer: As recommended by top coat manufacturer for specific substrate.
		3. Paint I-OP-DF - Dry Fall: Metals; exposed structure and overhead-mounted services in utilitarian spaces, including shop primed steel deck, structural steel, metal fabrications, galvanized ducts, galvanized conduit, and galvanized piping.
		a. Shop primer by others.
		b. One top coat.
		c. Top Coat: Text Dry Flat; MPI #118, 155, or 226.
		1. Products:
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		3. Sherwin-Williams Pro Industrial Pre-Catalyzed Waterbased Epoxy, Eg-Shell. (MPI #139)
		4. Substitutions: See Section 01 60 00 - Product Requirements
		c. Top Coat Sheen:
		1. Flat: MPI gloss level 1; use this sheen for ceilings and other overhead surfaces.
		2. Eggshell: MPI gloss level 3; use this sheen at all locations.
		d. Primer: As recommended by top coat manufacturer for specific substrate.
		3. Paint I-OP-DF

KEYNOTES	
NO.	KEY
02A	EXISTING ROOF HATCH



ARCHITECTURE
ENGINEERING

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Miami, Florida 33177
Tel: 305.273.7273
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ISSUE - REVISION LOG

MARK.	DATE	DESCRIPTION

FOR BIDDING ONLY

SUPERVISOR OF ELECTIONS BUILDING TI
365 E. Burleigh Blvd., Tavares, FL 32778.

EXISTING & NEW BUILDING ELEVATIONS

JOB NAME

SHEET NAME

ANY DISCREPANCY OR ERROR IN DIMENSIONS OR NOTES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR CLARIFICATION PRIOR TO COMMENCEMENT OF CONSTRUCTION.

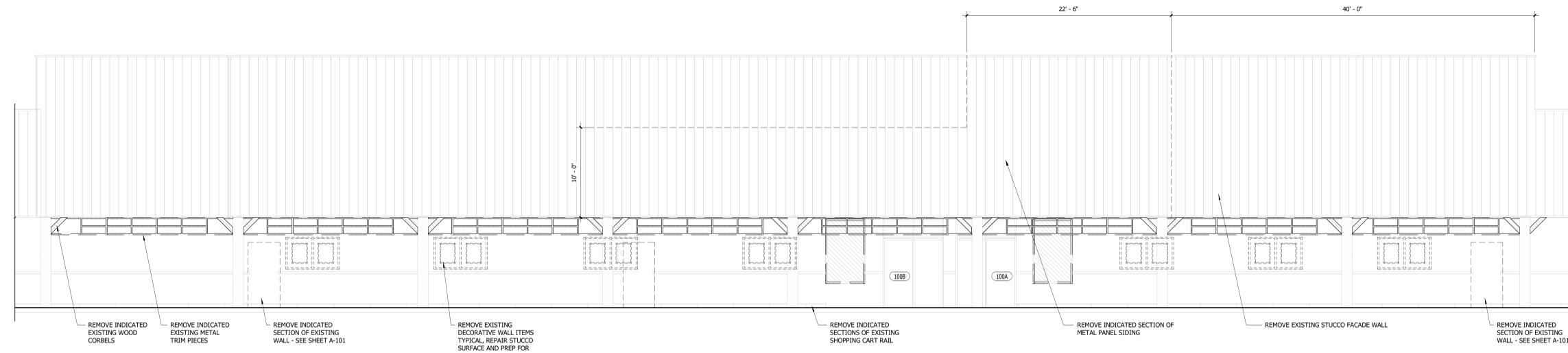
JOB # 25-11111

DATE 04/22/2025

SHEET NUMBER

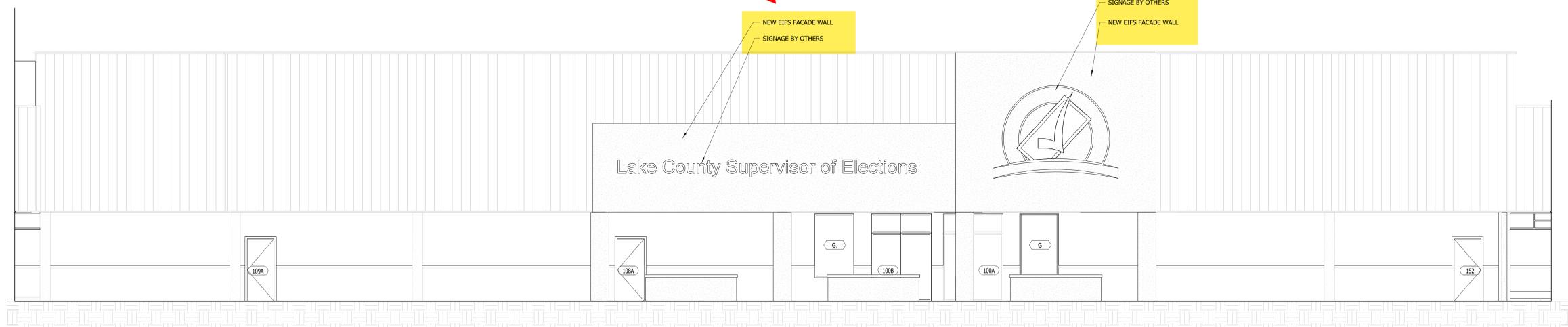
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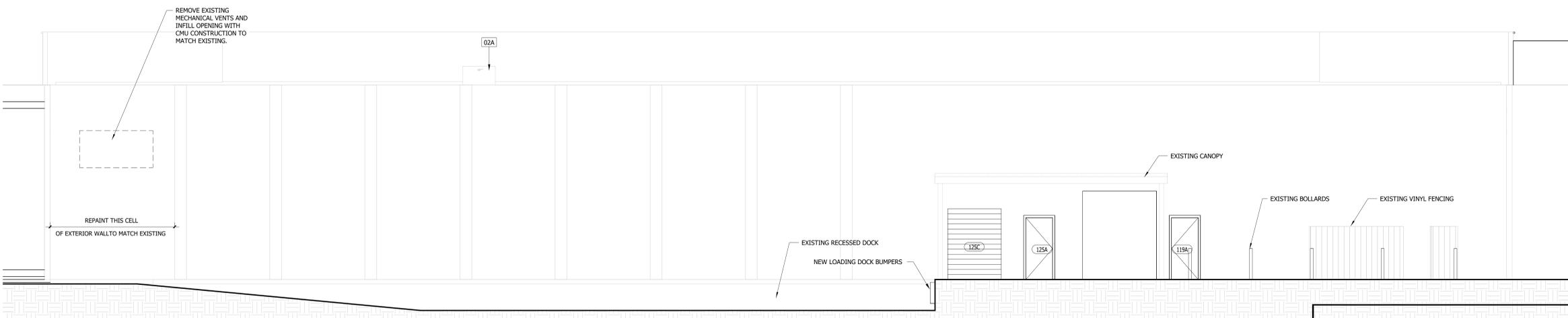


3 NORTH ELEVATION - EXISTING/DEMO
3/16" = 1'-0"

Revise to "SIGNAGE BY CONTRACTOR"



2 NORTH ELEVATION
3/16" = 1'-0"



1 SOUTH ELEVATION
3/16" = 1'-0"

GENERAL NOTES FOR EXTERIOR ELEVATIONS

- PAINT EXPOSED WALL-MOUNTED EQUIPMENT, PIPING, SCREENS, ETC. IN A COLOR AS SELECTED BY THE DESIGN PROFESSIONAL. EXCEPT THAT, ITEMS WHICH ARE ALUMINUM OR STAINLESS STEEL SHALL NOT BE PAINTED.
- REFER TO THE GRAPHICS SHEETS FOR WALL-MOUNTED SIGNAGE.
- PROVIDE BLOCKING AND WEATHERTIGHT ATTACHMENTS FOR ALL EXTERIOR WALL-MOUNTED EQUIPMENT AND DEVICES, INCLUDING, BUT NOT LIMITED TO SIGNAGE, ARTWORK, MECHANICAL, PLUMBING, ELECTRICAL, AND/OR LOW VOLTAGE ITEMS, ETC.

GENERAL NOTES FOR REFLECTED CEILING PLAN

- THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE REFLECTED CEILING PLANS WITH ALL OTHER DRAWINGS AND SHALL IMMEDIATELY NOTIFY THE DESIGN PROFESSIONAL OF ANY ERROR, INCONSISTENCY, OR OMISSION THAT IS DISCOVERED.
- SEE ELECTRICAL, COMMUNICATION, SECURITY, AND/OR FIRE PROTECTION DRAWINGS FOR LOCATIONS OF CEILING-MOUNTED SMOKE DETECTORS, COMMUNICATION DEVICES, AND FIRE ALARM DEVICES, SECURITY DEVICES, ETC.
- ONLY CEILING-MOUNTED EXIT LIGHTS ARE SHOWN ON THE REFLECTED CEILING PLANS. SEE THE ELECTRICAL DRAWINGS FOR LOCATIONS OF WALL-MOUNTED EXIT LIGHTS.
- SPRINKLER HEADS:
 - SPRINKLER HEAD LOCATIONS ARE NOT INDICATED ON THE REFLECTED CEILING PLANS.
 - NEITHER SPRINKLER HEADS NOR CONCEALED SPRINKLER HEAD COVERS ARE ALLOWED TO BE PAINTED. THE CONTRACTOR SHALL VERIFY THAT ANY SPRINKLER HEADS THAT ARE ACCIDENTALLY PAINTED ARE REMOVED AND REPLACED WITH NEW SPRINKLER HEADS.
- ACCESS PANELS IN NON-ACCESSIBLE FINISH CEILINGS:
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL SUBCONTRACTORS AND WITH THE OWNER'S VENDORS TO VERIFY THAT THE MINIMUM NUMBER OF ACCESS PANELS ARE PROVIDED.
 - LOCATIONS OF ALL ACCESS PANELS MUST BE APPROVED IN ADVANCE BY THE DESIGN PROFESSIONAL IN ORDER TO ENSURE THAT THE "AESTHETIC DESIGN INTEGRITY" OF CEILINGS AND SOFFITS IS MAINTAINED. THE CONTRACTOR SHALL ADVISE THE OWNER THAT AN 18" MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN THE BOTTOM OF THE SPRINKLER HEADS AND THE TOP OF ANY FIXED OR MOVEABLE ITEM. THE CONTRACTOR SHALL ALSO ADVISE THE OWNER THAT ITEMS SHALL NOT BE PLACED OR STORED ON TOP OF SHELVING SO THAT THIS CODE REQUIRED 18" MINIMUM VERTICAL CLEARANCE WILL BE MAINTAINED.
 - IN A MEANS OF EGRESS, THE CEILING SHALL BE INSTALLED SO THAT THE MINIMUM CLEAR VERTICAL HEADROOM IS 7'-10" CLEAR AFF, AND SO THAT PROJECTIONS FROM AND BELOW THE CEILING ARE A MINIMUM OF 6'-8" CLEAR AFF.
 - THE "LIMITS OF CONSTRUCTION" LINES SHOWN ON THE ARCHITECT'S REFLECTED CEILING PLANS APPLY ONLY TO THE LIMITS OF THE ARCHITECTURAL NEW CONSTRUCTION AND RENOVATION. SEE THE OTHER DISCIPLINES' DRAWINGS FOR THE LIMITS OF THE NEW CONSTRUCTION AND RENOVATION FOR THEIR DISCIPLINE.
 - SEE THE FOR THE PAINT SPECIFICATIONS AND COLORS OF PAINTED CEILINGS AND INTERIOR SOFFITS.

REFLECTED CEILING SYMBOLS

CEILING TYPES

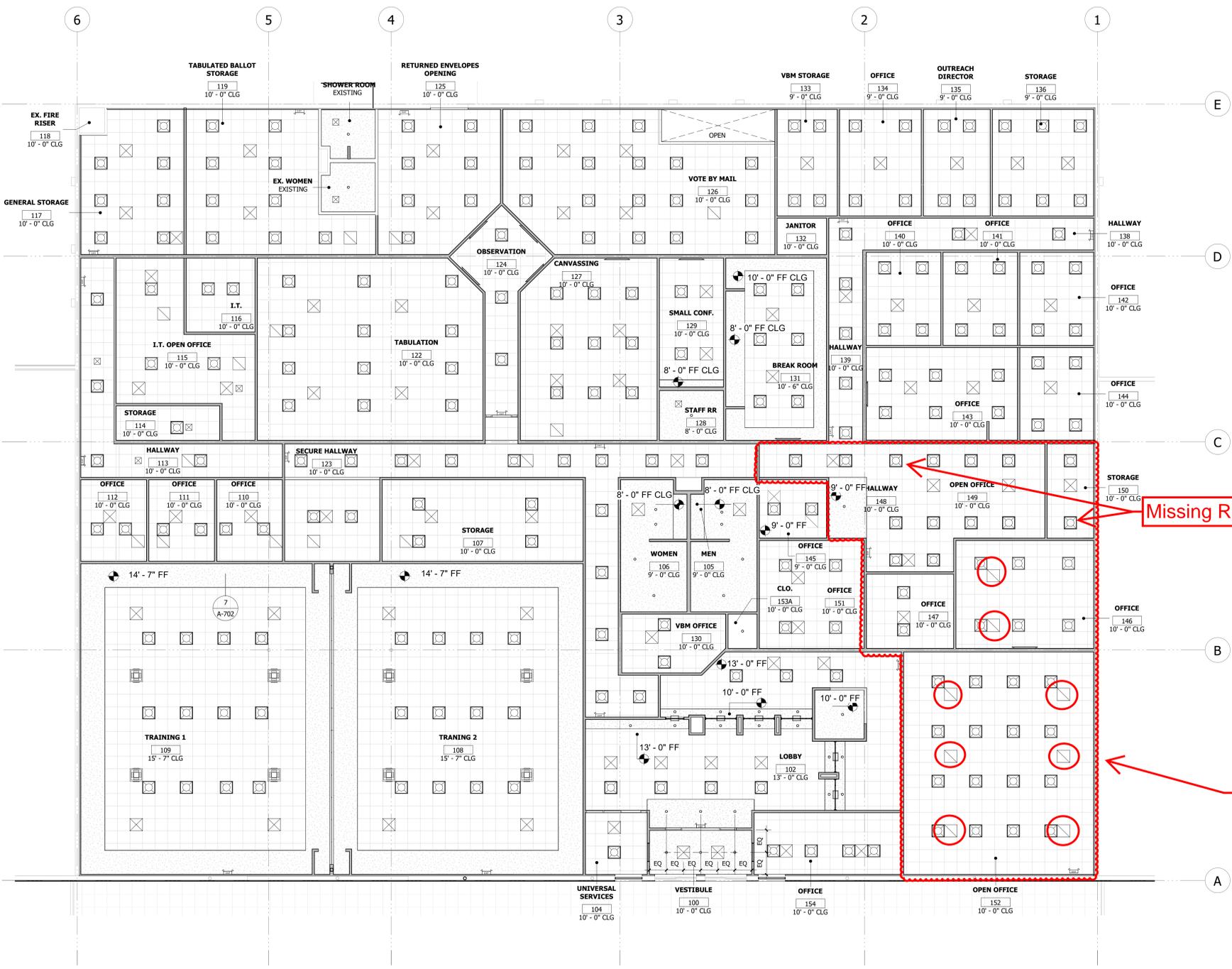
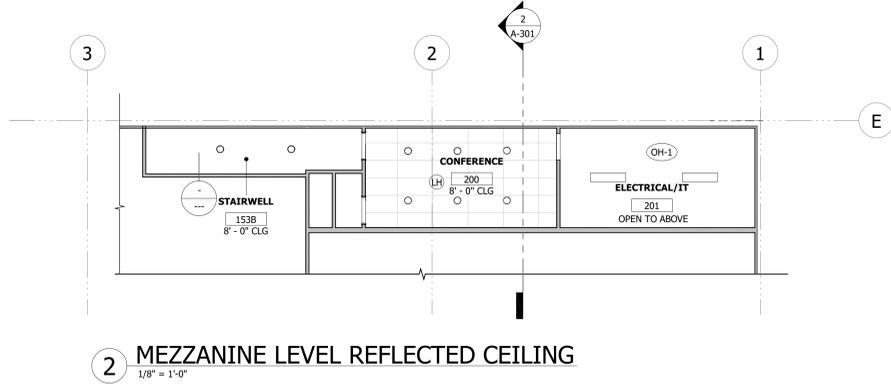
-  OPEN CEILING
-  1/2" GYPSUM WALL BOARD FOR INTERIOR CEILINGS
-  ACOUSTIC CEILING 2' 0" x 2' 0"

MECHANICAL AND ELECTRICAL SYMBOLS

-  SUPPLY AIR DIFFUSER. REFER TO MECHANICAL
-  RETURN AIR DIFFUSER. REFER TO MECHANICAL
-  6" CAN LIGHT REFER TO ELECTRICAL
-  SUSPENDED TRACK LIGHTS
-  WALL SCONCE
-  HVAC REFER TO ELECTRICAL
-  LIGHT REFER TO ELECTRICAL

GENERAL CEILING NOTES

- SYMBOLS SHOWN ARE GENERALIZATIONS FOR SPECIFIC TRADES. FOR ACTUAL CEILING FIXTURE SPEC & TYPE, REFER TO ELECTRICAL ENGINEERS DRAWINGS.



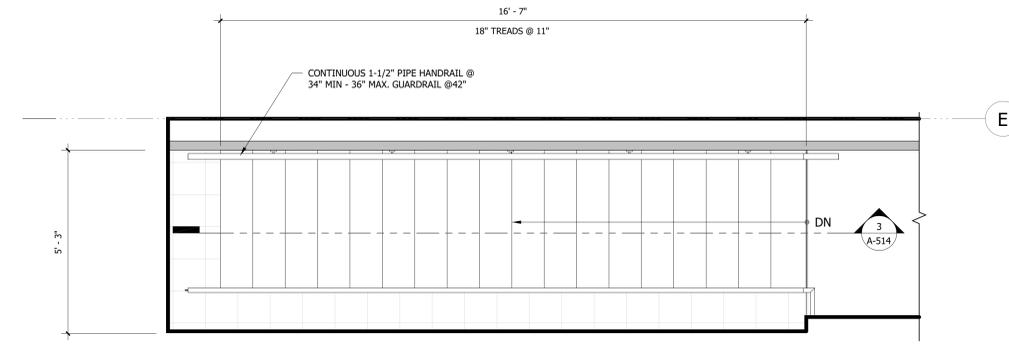
Missing Return

Revise the overall Reflected Ceiling Plan to match Mechanical Floor Plan sheet M200 and/or add a note indicating (or something similar): In case of any discrepancy, Mechanical Floor Plan sheet M200 shall prevail regarding the location of supply and return air diffusers.

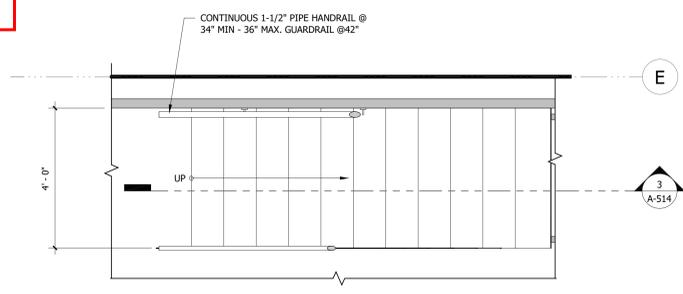
1 FIRST LEVEL REFLECTED CEILING PLAN - PROPOSED
1/8" = 1'-0"

GENERAL NOTES FOR STAIRS

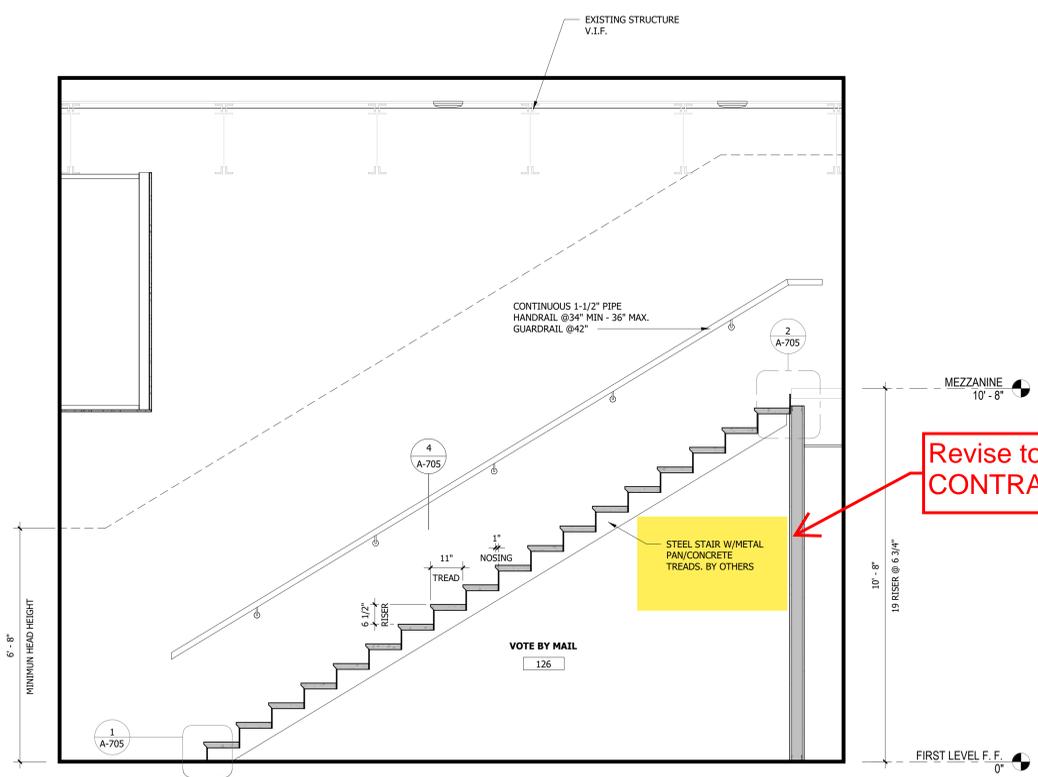
- STAIRWAYS, INCLUDING HANDRAILS AND GUARDRAILS, SHALL COMPLY WITH THE MOST STRINGENT REQUIREMENTS OF THE APPLICABLE BUILDING AND ACCESSIBILITY CODES AND WITH ANY ADDITIONAL REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
- STAIRWAY WIDTH:
 - MINIMUM WIDTH OF STAIRWAYS SHALL BE DETERMINED USING THE APPLICABLE CODES, BUT IN NO CASE SHALL THE WIDTH BE LESS THAN 44" CLEAR BETWEEN THE FACE OF GUARDRAILS AND/OR WALLS, OR LESS THAN WHAT IS SHOWN ON THE DRAWINGS, WHICHEVER IS WIDER.
 - STAIRS SHALL BE CLEAR OF ALL OBSTRUCTIONS EXCEPT FOR PROJECTIONS NOT EXCEEDING 4" AT OR BELOW HANDRAIL HEIGHT ON EACH SIDE.
 - WIDTH OF STAIRS SHALL NOT DECREASE IN THE DIRECTION OF EXIT TRAVEL.
 - EACH STAIRWAY ADJACENT TO AN "AREA OF RESCUE ASSISTANCE" SHALL HAVE A MINIMUM CLEAR WIDTH OF 48" BETWEEN HANDRAILS.
- HEADROOM: STAIRWAYS SHALL HAVE A MINIMUM HEADROOM CLEARANCE OF 80" MEASURED VERTICALLY FROM A LINE CONNECTING THE EDGE OF THE NOSING. THE MINIMUM CLEARANCE SHALL BE MAINTAINED FOR THE FULL WIDTH OF THE STAIRWAY AND LANDINGS.
- STAIRWAY LANDINGS:
 - THERE SHALL BE A FLOOR OR LANDING AT THE TOP AND BOTTOM OF EACH STAIRWAY. THE WIDTH OF LANDINGS SHALL NOT BE LESS THAN THE WIDTH OF THE STAIRWAYS THEY SERVE. EVERY LANDING SHALL HAVE A MINIMUM DIMENSION MEASURED IN THE DIRECTION OF TRAVEL EQUAL TO THE WIDTH OF THE STAIRWAY.
 - STAIRWAY LANDINGS SHALL HAVE GUARDRAILS ON ANY OPEN AND UNENCLOSED EDGES.
 - DURING ITS SWING, ANY DOOR WHICH OPENS ONTO A STAIRWAY LANDING SHALL LEAVE UNOBSTRUCTED AT LEAST ONE-HALF OF THE REQUIRED WIDTH OF THE LANDING; AND WHEN FULLY OPEN, SUCH DOOR SHALL NOT PROJECT MORE THAN 7" INTO A LANDING.
- VERTICAL RISE: A FLIGHT OF STAIRS SHALL NOT HAVE A VERTICAL RISE GREATER THAN 12'-0" BETWEEN LANDINGS.
- STAIR TREADS AND RISERS:
 - STAIR RISER HEIGHTS SHALL BE 7" MAXIMUM / 4" MINIMUM. STAIR TREAD DEPTHS SHALL BE 11" MINIMUM. THE RISER HEIGHT SHALL BE MEASURED VERTICALLY BETWEEN THE LEADING EDGES OF ADJACENT TREADS. THE TREAD DEPTH SHALL BE MEASURED HORIZONTALLY BETWEEN THE VERTICAL PLANES OF THE FOREMOST PROJECTION OF ADJACENT TREADS AND AT A RIGHT ANGLE TO THE TREADS LEADING EDGE.
 - STAIR TREADS SHALL BE OF UNIFORM DEPTH AND SHAPE AND RISERS SHALL BE OF UNIFORM HEIGHT AND SHAPE IN ANY STAIRWAY BETWEEN TWO FLOORS. THERE SHALL BE NO VARIATION EXCEEDING 3/16" THE DEPTH OF ADJACENT TREADS OR IN THE HEIGHT OF ADJACENT RISERS, AND THE TOLERANCE BETWEEN THE LARGEST AND SMALLEST RISER OR BETWEEN THE LARGEST AND SMALLEST TREAD SHALL NOT EXCEED 3/8" IN ANY FLIGHT OF STAIRS.
- STAIRWAY WALKING SURFACES: THE WALKING SURFACE OF TREADS AND LANDINGS OF A STAIRWAY SHALL NOT BE SLOPED STEEPER THAN ONE UNIT VERTICAL IN 48 UNITS HORIZONTAL (2% MAXIMUM SLOPE) IN ANY DIRECTION. FINISH FLOOR SURFACES SHALL HAVE A SLIP-RESISTANT SURFACE AND THE FINISH FLOORING SHALL BE SECURELY ATTACHED.
- HANDRAILS:
 - STAIRWAYS SHALL HAVE HANDRAILS ON EACH SIDE. HANDRAILS SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE BUILDING AND ACCESSIBILITY CODES AND THE SPECIFICATIONS.
 - THE HEIGHT TO THE TOP OF THE HANDRAILS FOR THIS PROJECT SHALL BE 36" HIGH UNLESS OTHERWISE APPROVED IN WRITING BY THE ARCHITECT. ALL HANDRAILS SHALL BE INSTALLED AT THE SAME HEIGHT IN EACH STAIRWAY. VARIANCE IN HANDRAIL MOUNTING HEIGHT WITHIN THIS PROJECT IS NOT ALLOWED. IN ACCORDANCE WITH THE APPLICABLE BUILDING CODES, HANDRAIL HEIGHT (AS MEASURED ABOVE THE LEADING EDGE OF THE STAIR NOSING) SHALL BE UNIFORM, NOT LESS THAN 34" HIGH AND NOT GREATER THAN 38" HIGH.
 - HANDRAILS SHALL RETURN TO A WALL, GUARD, OR THE WALKING SURFACE; OR THEY SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT. WHERE HANDRAILS ARE NOT CONTINUOUS BETWEEN FLIGHTS, THE HANDRAILS SHALL EXTEND HORIZONTALLY AT LEAST 12" BEYOND THE TOP RISER; CONTINUE TO SLOPE FOR THE DEPTH OF ONE TREAD BEYOND THE BOTTOM RISER; AND THEN EXTEND HORIZONTALLY AT LEAST 12".
 - HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS, WITHOUT INTERRUPTION BY NEWEL POSTS OR OTHER OBSTRUCTIONS.
 - THE HANDRAIL, WALL, OR OTHER SURFACE ADJACENT TO THE HANDRAIL, INCLUDING THE BRACKETS, SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. COMPLY WITH DETAILS.
 - INTERMEDIATE HANDRAILS: HANDRAILS SHALL BE PROVIDED WITHIN 30" OF ALL PORTIONS OF THE STAIR WIDTH REQUIRED FOR EGRESS CAPACITY. THE REQUIRED EGRESS SHALL BE ALONG THE NATURAL PATH OF TRAVEL.
- GUARDRAILS (GUARDS):
 - GUARDRAILS SHALL BE LOCATED ALONG ALL OPEN-SIDED WALKING SURFACES, STAIRWAYS, AND LANDINGS WHICH ARE LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW. GUARDRAILS SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE CODES AND THE SPECIFICATIONS.
 - GUARDRAILS SHALL BE A MINIMUM OF 42" ABOVE THE FINISH FLOOR, LANDING AND STAIR NOSING. STAIRWAY ENCLOSURES: THERE SHALL BE NO ENCLOSED USABLE SPACE WITHIN THE STAIR ENCLOSURE, INCLUDING UNDER THE STAIR, THE UNDERSIDE OF THE BOTTOM-MOST STAIR RUN AND THE UNDERSIDE OF THE BOTTOM-MOST INTERMEDIATE STAIR LANDING SHALL BE ENCLOSED SO THAT THE SPACE CANNOT BE USED FOR STORAGE OR ANY OTHER USABLE PURPOSE.
 - SEE STRUCTURAL DRAWINGS FOR THE ATTACHMENT OF STAIRS TO THE STRUCTURE.
 - WOOD BLOCKING IS NOT ALLOWED FOR IN-WALL SUPPORTS. USE METAL SHIMS, METAL STUDS, AND SHIM METAL TO ACHIEVE REQUIRED STRUCTURAL STRENGTH. PROVIDE STEEL PLATES IN THE WALLS APPLICABLE TO THE SLOPE OF THE STAIRS FOR HANDRAIL ATTACHMENT TO THE WALL. COMPLY WITH SPECIFICATIONS AND DETAILS.
 - STAIR IDENTIFICATION: AN APPROVED SIGN SHALL BE LOCATED AT EACH FLOOR LANDING IN ALL NON-ENCLOSED STAIRWAYS SERVING THREE OR MORE STORIES AND EXISTING ENCLOSED STAIRWAYS SERVING FIVE OR MORE STORIES. SEE THE APPLICABLE BUILDING CODE FOR EXCEPTIONS TO EXISTING BUILDINGS. THE SIGN SHALL INDICATE THE FLOOR LEVEL AND THE AVAILABILITY OF ROOF ACCESS FROM THAT STAIRWAY AND AN IDENTIFICATION OF THE STAIRWAY. THE BOTTOM OF THE SIGN SHALL ALSO INDICATE THE FLOOR LEVEL AND THE DIRECTION TO EXIT DISCHARGE. THE BOTTOM OF THE SIGN SHALL BE LOCATED APPROXIMATELY 48" ABOVE THE FLOOR LANDING IN A POSITION THAT IS READILY VISIBLE WHEN THE DOOR IS IN THE OPEN OR CLOSED POSITION. THE FLOOR LEVEL DESIGNATION SHALL ALSO BE TACTILE IN ACCORDANCE WITH THE APPLICABLE ACCESSIBILITY CODES. REFER TO GRAPHICS DRAWINGS FOR ADDITIONAL SIGNAGE REQUIREMENTS.
 - STAIR HANGER ROD APPLICATION: WHEN STAIRWAY ENCLOSURES ARE CONSTRUCTED OF SHAFTHULL, COMPLY WITH DETAILS AND REQUIREMENTS FOR STAIR HANGER ROD APPLICATION AS INCLUDED IN THE MOST CURRENT EDITION OF USG CAVITY SHAFTHULL SYSTEMS FOLDER SA-926. ALSO, SEE STRUCTURAL DRAWINGS FOR STAIR HANGER DETAILS.



2 ENLARGED PLAN - MEZZANINE
1/2" = 1'-0"



1 ENLARGED PLAN - FIRST LEVEL
1/2" = 1'-0"



3 BUILDING SECTION - ENLARGED STAIR
1/2" = 1'-0"

Revise to "BY CONTRACTOR"

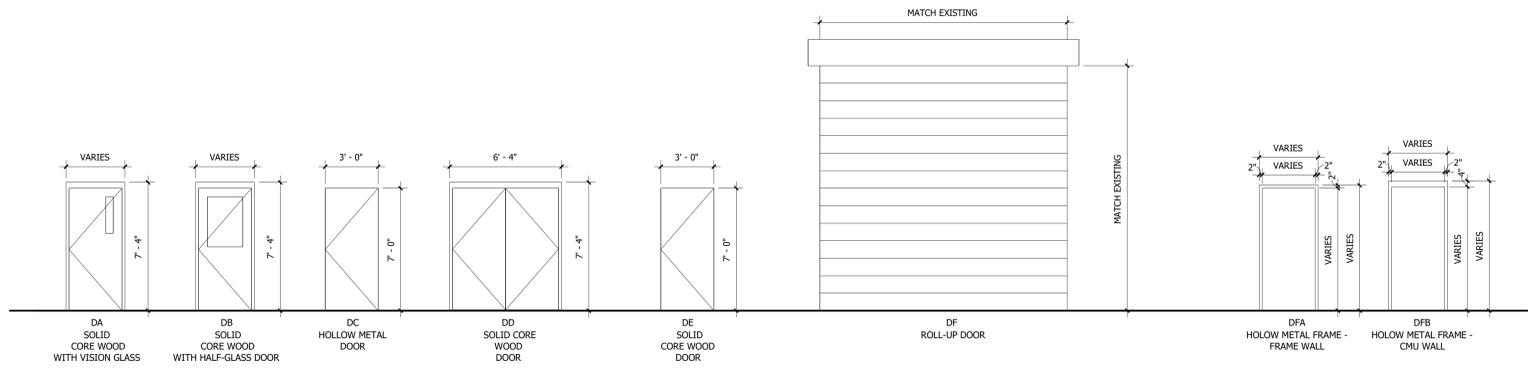
FOR BIDDING ONLY

SUPERVISOR OF ELECTIONS BUILDING TI
365 E. Burrell Blvd., Tallahassee, FL 32378
STAIR ENLARGED PLAN AND SECTION

JOB NAME
SHEET NAME

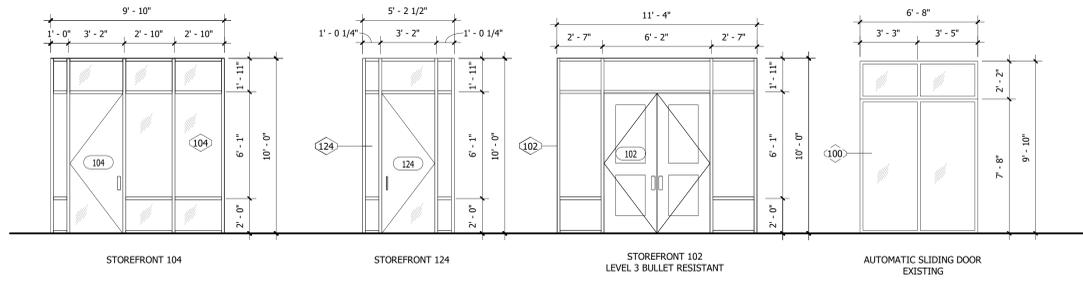
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JOB # 25-11111
DATE 04/22/2025
SHEET NUMBER
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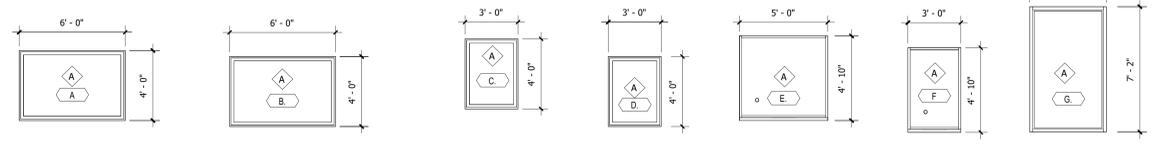


DOOR TYPE

DOOR FRAME TYPE



STOREFRONT TYPES



- WA FIXED WINDOW WITH LEVEL 3 BULLET RESISTANT GLAZING
- WB FIXED WINDOW WITH LEVEL 3 BULLET RESISTANT GLAZING
- WC FIXED WINDOW WITH LEVEL 3 BULLET RESISTANT GLAZING
- WD FIXED WINDOW WITH LEVEL 3 BULLET RESISTANT GLAZING

WINDOW TYPES

HARDWARE SCHEDULE	
HARDWARE SET #1	

Revise to "CONTRACTOR" WILL INSTALL

- GENERAL DOOR NOTES:**
- GENERAL CONTRACTOR TO SUBMIT TYPE-WRITTEN SHOP DRAWINGS AND PRODUCT LITERATURE FOR ALL DOORS AND HARDWARE SPECIFIED (PREPARED BY A LICENSED AND CERTIFIED CONSULTANT)
 - THE SURVEYOR CONTRACTOR WILL INSTALL ALL DOORS, FRAMES, HARDWARE, LOCK SETS, AND ENTRANCE DOORS.**
 - G.C. TO VERIFY OPENING DIMENSIONS IN FIELD PRIOR TO FABRICATION AND INSTALLATION.
 - SEE STOREFRONT ELEVATIONS AND NOTICES OF ACCEPTANCE FOR TEMPERED GLASS LOCATIONS.
 - ALL STOREFRONT WINDOWS AND DOORS ARE REQUIRED TO BE TESTED IN ACCORDANCE WITH ANSI/ULMA/WH/IDA 101/152 STANDARDS AND BEAR AN AMMA OR WDMA LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT TESTING ENTITY.
 - ALL STOREFRONT WINDOWS AND DOORS SHALL BE ANCHORED PER NOTICE OF ACCEPTANCE AND PUBLISHED MANUFACTURERS RECOMMENDATIONS TO RESIST THE DESIGN PRESSURE SPECIFIED.
 - ALL STOREFRONT WINDOWS AND DOORS SHALL BE ANCHORED AS PER APPLICABLE CODE - ANY STOREFRONT WINDOWS OR DOORS WITH A BUCK THICKNESS LESS THAN 1-1/2" SHALL BE ANCHORED THROUGH THE JAMB INTO THE ADJACENT STRUCTURAL SUBSTRATE.
 - STOREFRONT MULLIONS AND ADJACENT DOOR ASSEMBLIES ARE REQUIRED TO BE TESTED OR ENGINEERED TO TRANSFER MIN 1.5 TIMES THE DESIGNED LOADS TO THE ROUGH OPENING SUBSTRATE (OR AS PER CODE).
 - PROVIDE INFORMATION SIGN ON INTERIOR PUSH SIDE OF EXIT DOORS @ 52" H IN 1" HIGH RED VINYL LETTERS TO READ "THIS EXIT TO REMAIN UNLOCKED AT ALL TIMES THE BUILDING IS OCCUPIED."
- HARDWARE NOTES:**
- ADJUST ALL CLOSERS TO A 5 LB. MAX. OPENING FORCE
 - ALL EXTERIOR HOLLOW CORE METAL DOORS ARE TO BE INSULATED
 - ALL HOLLOW CORE METAL DOORS AND FRAMES TO BE SHOP PRIMED AND PAINTED
 - ALL LOCK AND PASSAGE SETS TO BE SCHLAGE GRADE OR BETTER - SUBMIT OTHERS FOR APPROVAL - ALL LOCKS SHALL BE REKEYABLE
 - DOOR EGRESS/PANIC SYSTEMS MUST BE IN COMPLIANCE WITH SPECIAL EGRESS CONTROL DEVICES LISTED IN LOCAL CODES
 - SUBMIT DETAILED HARDWARE SCHEDULE FOR ARCHITECT AND/OR OWNER REVIEW PRIOR TO PURCHASE AND INSTALLATION
 - ALL DOORS AND HARDWARE TO COMPLY WITH ADA AND CODE OF FEDERAL REGULATION, UTILIZING A LEVER LATCH OR LOCKSET
 - ALL DOORS AND HARDWARE SHALL COMPLY WITH N.F.P.A. 101-5.2.1.5

WINDOW SCHEDULE									
NUMBER	TYPE	SIZE		HEIGHT		HEAD		DETAIL	
		WIDTH	HEIGHT	HEAD	SILL	HEAD	JAMB	SILL	
FIRST LEVEL F. F.									
A	WA	6'-0"	4'-0"	7'-4"	3'-4"	7/1A701		6/A701	5/A701
B	WA	6'-0"	4'-0"	7'-0"	3'-0"	7/1A701		6/A701	5/A701
C	WB	3'-0"	4'-0"	8'-6"	4'-6"	7/1A701		6/A701	5/A701
D	WB	3'-0"	4'-0"	7'-0"	3'-0"	7/1A701		6/A701	5/A701
E	WC	5'-0"	4'-8"	8'-0"	3'-4"	17/A701		Armortex, Inc. Bullet Resistant Aluminum Transaction Window Frames With Speak Thru	12/A701
F	WC	3'-0"	4'-8"	7'-4"	2'-8"	17/A701		Armortex, Inc. Bullet Resistant Aluminum Transaction Window Frames With Speak Thru	12/A701
G	WD	4'-4"	7'-2"	9'-10"	2'-8"	3/A701		2/A701	1/A701

- WINDOW SCHEDULE NOTE:**
- REPLACE EXISTING GLAZING WITH BALLISTIC RESISTANT GLAZING LEVEL 3
 - MODERNFOLK ACCOUT-SEAL LEGACY 900

DOOR SCHEDULE											
TYPE	DOOR PANEL SIZE	HEAD HEIGHT	FRAME TYPE	DETAIL			RATING	HARDWARE SET #	COMMENTS		
				HEAD	JAMB	THRESHOLD					
FIRST LEVEL F. F.											
100A	DE	6'-8"	7'-8"	10"	7'-8"	DFA	11/A701	10/A701	9/A701		
100B	DE	6'-8"	7'-8"	10"	7'-8"	DFA	11/A701	10/A701	9/A701		
102	-	6'-0"	8'-0"	2"	7'-0"	DFA	11/A701	10/A701	9/A701		DOOR HAS SECURITY HARDWARE AND BULLET RESISTANCE
102B	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		DOOR HAS SECURITY HARDWARE AND BULLET RESISTANCE
102C	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		DOOR HAS SECURITY HARDWARE AND BULLET RESISTANCE
104	-	3'-0"	8'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
105	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
106	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
107	DD	6'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
108A	DC	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
108B	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
109A	DC	3'-0"	7'-0"	1 3/4"	7'-0"	DFB	8/A702	4/A702	-		
109B	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
110	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
111	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
112	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
113	DC	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	8/A702	4/A702	-		
114	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
115	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
116	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
117	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
118	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
119A	DC	3'-0"	7'-0"	1 3/4"	7'-0"	DFB	8/A702	4/A702	-		
119B	DA	4'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
119C	DA	4'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
120	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
121	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
122A	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		DOOR HAS SECURITY HARDWARE AND BULLET RESISTANCE
122B	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
123	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
124	-	3'-0"	8'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
125A	DC	3'-0"	7'-0"	1 3/4"	7'-0"	DFB	8/A702	4/A702	-		
125B	DA	4'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
125C	DF	6'-0"	8'-0"	2"	8'-0"	DFB	7/A702	6/A702	5/A702		
126A	DA	4'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
127A	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		DOOR HAS SECURITY HARDWARE AND BULLET RESISTANCE
127B	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
128	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
129	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
130	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
131A	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
131B	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
131C	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
132	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
133	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
134	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
135	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
136A	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
136B	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
138	DC	3'-0"	7'-0"	1 3/4"	7'-0"	DFB	8/A702	4/A702	-		
139	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
140	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
141	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
142	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
143	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
144	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
145A	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
145B	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
146	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
147	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
150	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
151	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
152	DC	3'-0"	7'-0"	1 3/4"	7'-0"	DFB	8/A702	4/A702	-		
153A	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		DOOR HAS SECURITY HARDWARE AND BULLET RESISTANCE
153B	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
153C	DB	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
154A	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
154B	DB	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
MEZZANINE											
200A	DA	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
200B	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		
201	DE	3'-0"	7'-0"	1 3/4"	7'-0"	DFA	11/A701	10/A701	9/A701		

STOREFRONT SCHEDULE								
NUMBER	TYPE	SIZE		DETAIL				
		WIDTH	HEIGHT	HEAD	JAMB	SILL	THRESHOLD	
FIRST LEVEL F. F.								
102		11'-4"	10'-0"	15/A701	14/A701	1/A701	12/A701	-
104		9'-10"	10'-0"	15/A701	14/A701	1/A701	12/A701	-
124		5'-2 3/8"	10'-0"	15/A701	14/A701	1/A701	12/A701	-

FOR BIDDING ONLY

SUPERVISOR OF ELECTIONS BUILDING TI
365 E. Burleigh Blvd., Tavares, FL 32778.
DOOR & WINDOW TYPES & SCHEDULE

JOB # 25-1111
DATE 04/22/2025
SHEET NUMBER A-601

MARK	DATE	DESCRIPTION

FLOOR FINISHES LEGEND

	FLOOR TILE	12"x12" - DALTILE - SUPERIOR SLIP RESISTANCE FLOOR TILE. MODEL: SCRIPITER - MENTOR SQUARE - COLOR: AR62-MATTE - OR EQUAL.
	NEW CARPET TILE	TREMOR PAVERS, 6"x6", 6"x6", 6"x9", 1" THICKNESS. MODEL: OLD TOWNE REMODEL. COLOR: HERITAGE-BLEND GRAY - OR EQUAL.
	SEALED CONCRETE	- STAINED CONCRETE
	VCT	- VINYL COMPOSITION TILE

FINISHES LEGEND

BASEBOARD FINISH

BF1 BASEBOARD - REAL WOODS - (9/16" x 5-1/4") - OR EQUAL.

BF2 (9/16" x 5-1/4") - OR EQUAL.

PAINT COLOR

PC1 SHERWIN WILLIAMS, SW7101. COLOR: MARSHMALLOW.

LOCATION NUMBER: 267-C1

WALL FINISH

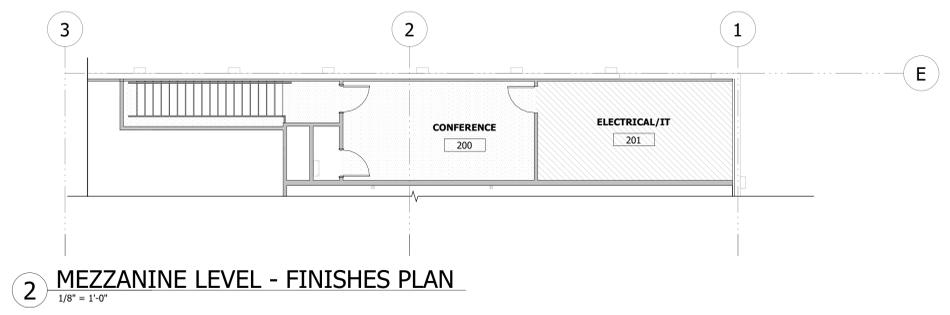
WF1 PAINTED GYPSUM

WF2 12"x24" DALTILE WALL TILE. MODEL: TIMELESS. WHITE RECTANGLE. COLOR CODE: PT20. FINISH: SATIN.

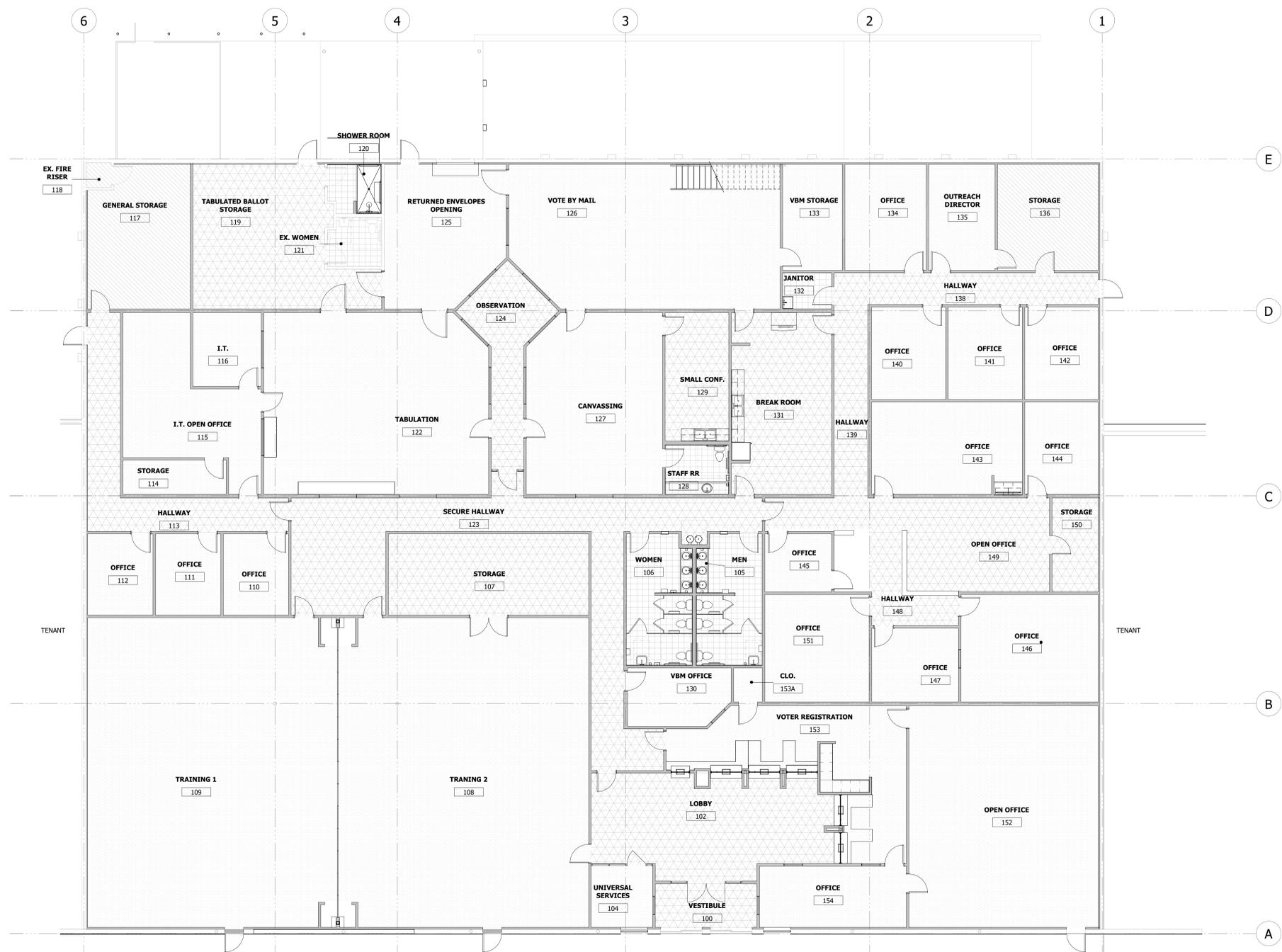
CEILING FINISH

CF1 PAINTED GYPSUM

CF2 24"x24" SMOOTH CEILING TILE. PREMIUM PVC. PANEL BRAND: HOMEVINYL OR SIMILAR. COLOR: BLACK.



MEZZANINE LEVEL - FINISHES PLAN
1/8" = 1'-0"



FINISHES FLOOR PLAN
1/8" = 1'-0"

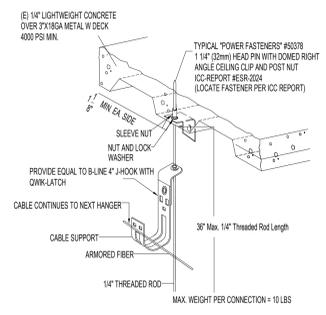
ROOM FINISHES SCHEDULE

NUMBER	ROOM NAME	AREA	FLOORS		CEILING		WALLS			
			FLOOR MATERIAL	BASE MAT.	CLG. MAT.	CLG. HEIGHT	COLOR	N	E	W
100	VESTIBULE	117 SF	FLOOR TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
102	LOBBY	594 SF	VCT	VCT	CF1	13'-0" CLG	WF1	WF1	WF1	WF1
104	UNIVERSAL SERVICES	97 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
105	MEN	214 SF	FLOOR TILE	VCT	CF1	8'-0" CLG	WF1	WF1	WF1	WF1
106	WOMEN	214 SF	FLOOR TILE	VCT	CF1	9'-0" CLG	WF1	WF1	WF1	WF1
107	STORAGE	420 SF	VCT	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
108	TRAINING 2	1,964 SF	NEW CARPET TILE	VCT	CF1	15'-0" CLG	WF1	WF1	WF1	WF1
109	TRAINING 1	1,960 SF	NEW CARPET TILE	VCT	CF1	15'-0" CLG	WF1	WF1	WF1	WF1
110	OFFICE	1,379 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
111	OFFICE	137 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
112	OFFICE	137 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
113	HALLWAY	329 SF	VCT	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
114	STORAGE	91 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
115	I.T. OPEN OFFICE	408 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
116	I.T.	130 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
117	GENERAL STORAGE	366 SF	SEALED CONCRETE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
118	EX. FIRE RISER	16 SF	SEALED CONCRETE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
119	TABULATED BALLOT STORAGE	556 SF	VCT	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
120	SHOWER ROOM	64 SF	FLOOR TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
121	EX. WOMEN	65 SF	FLOOR TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
122	TABULATION	1,037 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
123	SECURE HALLWAY	885 SF	VCT	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
124	OBSERVATION	233 SF	VCT	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
125	RETURNED ENVELOPES OPENING	421 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
126	VOTE BY MAIL	978 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
127	CANVASSING	623 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
128	STAFF RR	80 SF	FLOOR TILE	VCT	CF1	8'-0" CLG	WF1	WF1	WF1	WF1
129	SMALL CONF.	211 SF	VCT	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
130	VBM OFFICE	148 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
131	BREAK ROOM	467 SF	VCT	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
132	JANITOR	45 SF	FLOOR TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
133	VBM STORAGE	163 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
134	OFFICE	222 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
135	OUTREACH	181 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
136	STORAGE	275 SF	SEALED CONCRETE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
138	HALLWAY	221 SF	VCT	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
139	HALLWAY	247 SF	VCT	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
140	OFFICE	177 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
141	OFFICE	177 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
142	OFFICE	175 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
143	OFFICE	357 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
144	OFFICE	174 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
145	OFFICE	100 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
146	OFFICE	380 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
147	OFFICE	165 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
148	HALLWAY	153 SF	VCT	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
149	OPEN OFFICE	350 SF	VCT	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
150	STORAGE	112 SF	VCT	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
151	OFFICE	289 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
152	OPEN OFFICE	1,002 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
153A	CLO.	25 SF	NEW CARPET TILE	VCT	CF1	10'-0" CLG	WF1	WF1	WF1	WF1
153B	STAIRWELL	124 SF	NEW CARPET TILE	VCT	CF1	8'-0" CLG	WF1	WF1	WF1	WF1
200	CONFERENCE	245 SF	NEW CARPET TILE	VCT	CF1	8'-0" CLG	WF1	WF1	WF1	WF1
201	ELECTRICAL/IT	250 SF	SEALED CONCRETE	VCT	CF1	8'-0" CLG	WF1	WF1	WF1	WF1
202	ROOF ACCESS	18 SF	VCT	VCT	CF1	OPEN TO ABOVE	WF1	WF1	WF1	WF1

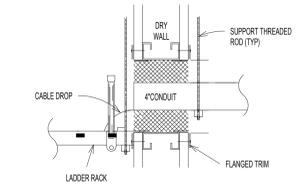
Revise as necessary, Sheet A-102, Detail "Wall Type - 05 (T05) specifies: 2-1/2" X 25-GAUGE GALVANIZED STEEL FURRING CHANNEL @ 24" O.C.

FINISHES SCHEDULE NOTES

- COORDINATE WITH THE OWNER FOR MATERIAL FINISHES BEYOND WHAT IS INDICATED ON THE ROOM FINISH SCHEDULE.
- ALL INTERIOR DRYWALL FINISHED TO BE SMOOTH LEVEL 4 DRYWALL FINISH.
- IN THE RESTROOMS WHERE STANDARDS FINISH IS USED FOR WALLS AND CEILING FINISH, INSTALL MOISTURE-RESISTANT DRYWALL BY USE OR EQUAL UNLESS NOTED OTHERWISE.
- ALL GYPSUM BOARDS BEING APPLIED WHERE MASONRY BLOCK WALLS ARE LOCATED SHALL BE ATTACHED TO 1/8" METAL STUDS ATTACHED TO THE MASONRY BLOCK PLACED VERTICALLY @ 16" O.C. U.N.O.
- WHERE CERAMIC TILE IS TO BE INSTALLED PROVIDE BURDOCK CENTERLINE LATEX BACKER BOARD BY USG OR EQUAL U.N.O. COORDINATE WITH THE OWNER, TILE PATTERNS, IE. FLOOR DESIGN AND LIMITS OF AREAS AS INDICATED ON THE FINISH SCHEDULE.
- FRAMED DOWN SOFFIT W/IT 1 5/8" MEATL FRAMING MEMBERS AT 6" OC WITH 1/2" GWB U.N.O.
- INTERIOR MASONRY FACE OF BLOCK WALLS SHALL BE PAINTED PRIOR TO INSTALLING FURRING STRIPS OR RIGID WALL INSULATION. PAINT SURFACE WITH UGL DRYLOCK MASONRY LATEX WATERPROOFING (TYP)
- AT BLDG MECHANICAL OR ELECTRICAL ROOM WHERE THE INTERIOR MASONRY FACE OF EXTERIOR BLOCK WALLS ARE UNFINISHED, WALLS SHALL BE PAINTED WITH UGL DRYLOCK MASONRY LATEX WATERPROOFING.
- ELEVATOR WALLS AND FLOOR (TO APPROX 5'-0" ABOVE FLOOR INCL SUMP PIT) TO BE TREATED WITH WATERPROOFING.
- UTILITY CLOSET WALLS AT THE MOP SINK ARE TO BE TILED TO 7'-0" AFF. SEE INTERIOR ELEVATION.

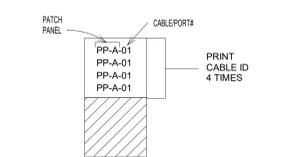


14 J-HOOK MOUNTING DETAIL
N.T.S.



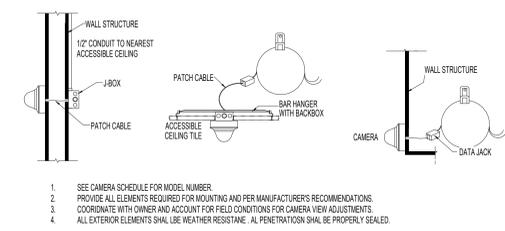
15 DATA ROOM WALL PENETRATION
N.T.S.

12 DATA PATCH CORD
N.T.S.

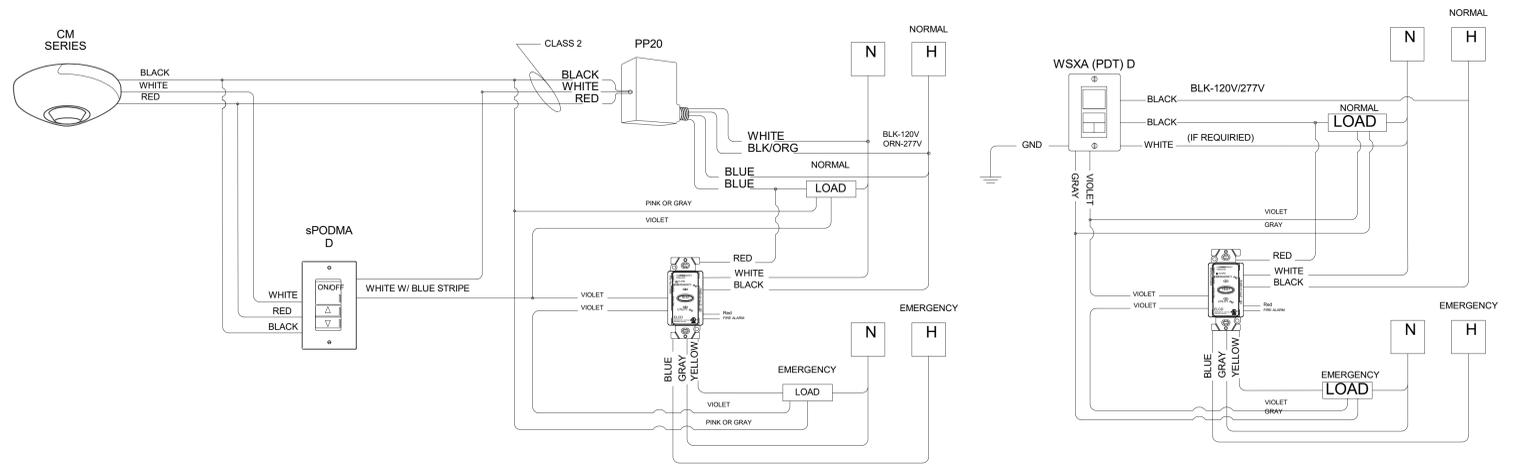


13 TYPICAL CABLE AND SYSTEM LABELING
N.T.S.

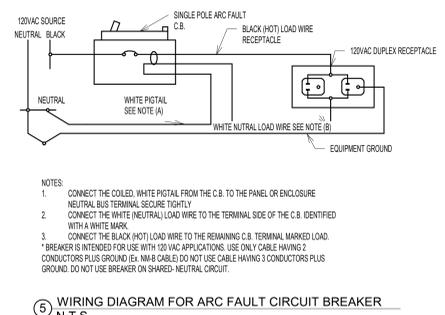
9 SINGLE DOOR ELECTRIC LATCH
N.T.S.



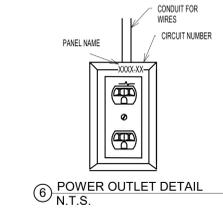
10 CAMERA INSTALLATION DETAILS
N.T.S.



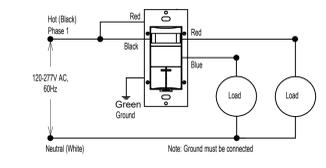
11 TYPICAL LIGHTING CONTROL WIRING DIAGRAMS - GENERATOR PROJECT
N.T.S.



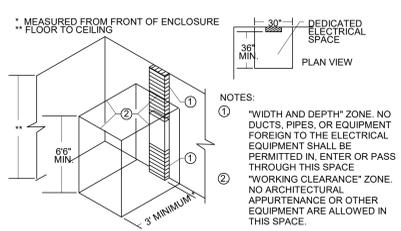
5 WIRING DIAGRAM FOR ARC FAULT CIRCUIT BREAKER
N.T.S.



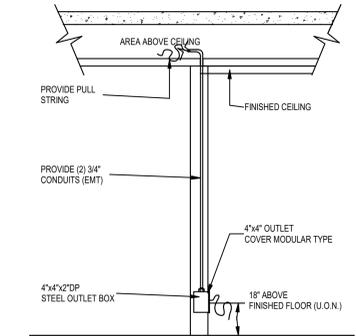
6 POWER OUTLET DETAIL
N.T.S.



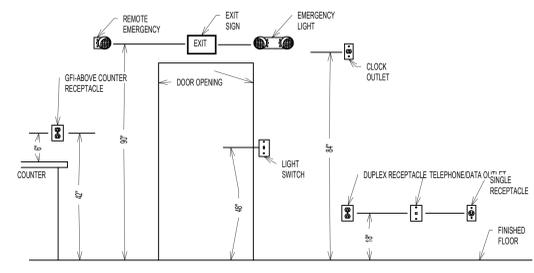
7 WALL-SWITCH OCCUPANCY SENSORS
N.T.S.



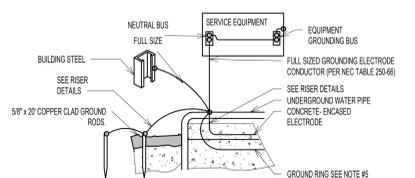
8 PANEL CLEARANCE DETAIL
N.T.S.



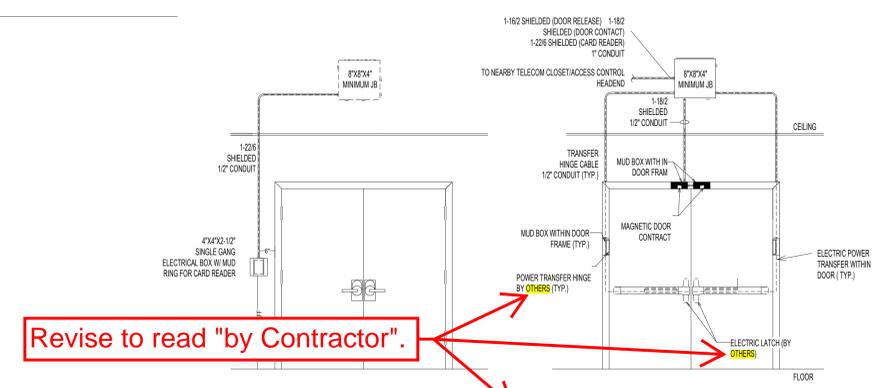
1 DATA/PHONE JACK DETAIL
N.T.S.



2 MOUNTING HEIGHT
N.T.S.



3 GROUNDING DETAIL
N.T.S.



4 DOUBLE DOOR ELECTRIC LATCH
N.T.S.

Revise to read "by Contractor".
 1. ALL DOORLOCK HARDWARE SHALL BE PROVIDED BY OTHERS
 2. ALL WIRING SHOWN IS DIAGRAMMATICAL. VERIFY ALL REQUIREMENTS AND FOLLOW INSTRUCTIONS FROM ACCESS CONTROL VENDOR.

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