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296 W BROAD ST

ATHENS GA



AUTHORITY HAVING JURISDICTION: ATHENS CLARKE COUNTY BUILDING DEPARTMENT INTERNATIONAL BUILDING CODE 2018 EDITION, WITH GEORGIA AMENDMENTS INTERNATIONAL RESIDENTIAL CODE, 2012 EDITION, WITH GEORGIA AMENDMENTS

INTERNATIONAL PLUMBING CODE 2018 EDITION, WITH GEORGIA AMENDMENTS INTERNATIONAL MECHANICAL CODE 2018 EDITION, WITH GEORGIA AMENDMENTS

NATIONAL ELECTRICAL CODE 2017 EDITION

INTERNATIONAL FUEL GAS CODE 2018 EDITION, WITH GEORGIA AMENDMENTS

INTERNATIONAL ENERGY CONSERVATION CODE 2015 EDITION, WITH GEORGIA SUPPLEMENTS

INTERNATIONAL FIRE CODE 2018 EDITION, WITH GEORGIA AMENDMENTS

2018 NFPA 101 - LIFE SAFETY CODE WITH STATE AMENDMENTS 2020

NFPA 13 STANDARDS FOR INSTALLATION OF SPRINKLER SYSTEMS 2018 NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE 2018 W/ STATE AMENDMENTS (2020)

FAIR HOUSING ACT DESIGN MANUAL (FHADM)

GEORGIA ACCESSIBILITY CODE 120-3-20 (W/ ICC/ANSI A117.1-2003)



A-4.10

3 **(** A4.01

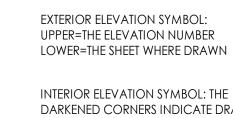
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GRAPHIC SYMBOLS



DARKENED CORNERS INDICATE DRAWN WALLS. ELEVATION DRAWINGS ARE ARRANGED NUMERICALLY BY ROOM NUMBER ON THE INTERIOR ELEVATION SHEETS

BUILDING SECTION SYMBOL: UPPER=THE SECTION NUMBER LOWER=THE SHEET WHERE DRAWN

WALL SECTION SYMBOL: UPPER=THE SECTION NUMBER LOWER=THE SHEET WHERE DRAWN

DETAIL SYMBOL: UPPER=THE SECTION NUMBER LOWER=THE SHEET WHERE DRAWN

DETAIL IDENTIFICATION: DASHED LINE INDICATES EXTENT OF ENLARGED PLAN OR DETAIL

PLAN AND TRUE NORTH INDICATOR: THE HEAVY LINE REPRESENTS PLAN NORTH (USUALLY TOWARD THE TOP OF THE SHEET) THE SMALL ARROW INDICATES TRUE NORTH (IF DIFFERENT FROM PLAN NORTH)

ROOM IDENTIFICATION SYMBOL



MATCHLINE FLAG

DOOR IDENTIFICATION SYMBOL

ASSEMBLY INDICATOR: REFER TO THE WALL, FLOOR, AND ROOF TYPE DRAWINGS FOR ASSEMBLY.

WINDOW OR LOUVER TYPE INDICATOR: WINDOWS HAVE A NUMBER DESIGNATION LOUVERS HAVE A LETTER DESIGNATION

KEYED NOTE INDICATOR

101

CEILING TYPE INDICATOR: LETTER=CEILING TYPE DIMENSION=CEILING HEIGHT AFF

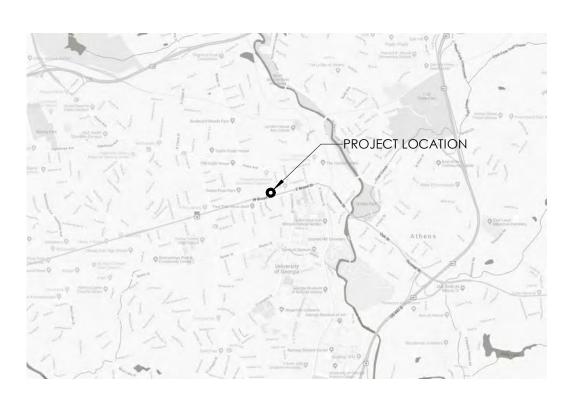
EQUIPMENT TYPE INDICATOR: LETTER=GROUP FUNCTION NUMBER=ITEM NUMBER

TOILET ACCESSORY INDICATOR: TA= TOILET ACCESSORY NUMBER= ITEM NUMBER

TEXT SYMBOLS

&	AND
0	AT
Х	ВҮ
#	POUND OR NUMBER
/ OR :	PER
Χ'	(X) FEET
Χ''	(X) INCHES

VICINITY MAP



PROJECT INFORMATION

PROJECT NAME: 296 bROAD

PROJECT ADDRESS: 296 BROAD STREET, ATHENS, GA 30601

PROJECT DESCRIPTION: NEW TENANT IMPROVEMENT WITHIN AN EXISTING DOWNTOWN BUILDING FOR A PRIVATE OFFICE COWORKING SPACE. IMPROVEMENTS INCLUDE NEW ELECTRICAL, MECHANICAL, PLUMBING, NEW INTERIOR PARTITIONS, MILLWORK, DOORS, FINISHES, EQUIPMENT, AND MINOR IMPROVEMENTS TO STOREFRONT ENTRY.

ALL WORK INCLUDING BUT NOT LIMITED TO GENERAL CONSTRUCTION, PLUBMING, ELECTRICAL AND MECHNAICAL SHALL BE PERFORMED IN ACCORDANCE WITH ALL CODES LISTED AND LOCAL AMENDMENTS. ALL WORK SHALL BE DONE IN A FIRST CLASS MANNER USING STANDARD CONSTRUCTION PRACTICES AND ACCORDING TO THE RULES AND REGULATIONS OF THE GOVERNMING BUILDING DEPARTMENT.

PROJECT OCCUPANCY: BUSINESS GROUP B

CONSTRUCTION TYPE: TYPE V-B

PROJECT SIZE: 2600 SF

THIS PROJECT WILL UTILIZE THE EXISTING TRASH ENCLOSURE ON SITE.

THIS PROJECT DOES NOT REQUIRE REVIEW BY THE HEALTH DEPARTMENT.

ABBREVIATIONS

CT

NOTE: NOT ALL ABBREVIATIONS AND SYMBOLS ARE USED ON DRAWINGS CO ABBREVIATIONS ON THIS SHEET APPLY ONLY TO ARCHITECTURAL DRAWINGS

DISCI	IPLINE INDEX
А	ARCHITECTURAL DRAWINGS
AV	AUDIO VISUAL DRAWINGS
С	CIVIL OR SURVEY DRAWINGS
D	DEMOLITION DRAWINGS
E	ELECTRICAL DRAWINGS
FP	FIRE PROTECTION
IF	INTERIOR FURNISHINGS
L	LANDSCAPE DRAWINGS
М	MECHANICAL DRAWINGS
G	GENERAL INFORMATION
Р	PLUMBING DRAWINGS
S	STRUCTURAL DRAWINGS
Т	TECHNOLOGY DRAWINGS
VT	VERTICAL TRANSPORTATION DRAWINGS
CON	TENT INDEX
0	GENERAL INFORMATION AND STANDARDS
1	PLANS INCLUDING SITE, FLOOR, CEILING AND ROOF DRAWINGS
2	EXTERIOR ELEVATIONS

3	BUILDING SECTIONS, WALL SECTIONS
4	ENLARGED PLANS AND ELEVATIONS
5	DETAILS
6	SCHEDULES
7	SUPPLEMENTAL DWGS

Sheet NUMBERING

A4.(DISCIPLINE ABBREVIATION DRAWING CONTENT CATEGORY SHEET NUMBER
MATERIAL PA	TTERNS
	BATT INSULATION
	BRICK
	CAST-IN-PLACE CONCRETE
	CONCRETE BLOCK
	EARTH OR BACKFILL
	STEEL
	PLASTER & GYPSUM BOARD
	PLYWOOD
	PRECAST CONCRETE
	RIGID INSULATION
	OPEN-CELL SPRAY FOAM INSULATION
	CLOSED-CELL SPRAY FOAM INSULATION

	N THIS SHEET APPLY ONLY TO ARCHITECTU	
A/C ACST	AIR CONDITIONING ACOUSTIC	JT
ADD	ADDENDUM	lab Lam
adh Adjst	ADHESIVE ADJUSTABLE	LAM
AFF	ABOVE FINISHED FLOOR	lb LIN
AHU ALUM	AIR HANDLING UNIT ALUMINUM	LIN
ALOM	ALTERNATE	MAX
		MECH
APPROX ARCH	APPROXIMATE (LY) ARCHITECT(URAL)	MFR MH
AUTO	AUTOMATIC	MIN
BD	BOARD	mir misc
btwn BLDG	BETWEEN BUILDING	MR
BLK(G)	BLOCK (ING)	MT MTL
bot Brg	BOTTOM BEARING	
BRK	BRICK	NA NIC
BSMT BUR	BASEMENT BUILT UP ROOFING	NO
САВ	CABINET	NOM NRC
CEMT		NTS
CFM CJ	CUBIC FEET/MINUTE CONTROL JOINT	OC
CL	CENTERLINE	OD
CLG CLOS	CEILING CLOSET	OH OPP
CLR	CLEAR (ANCE)	ORD
CMU CTR	CONCRETE MASONRY UNIT CENTER	OZ
СО	CLEANOUT	PERP
COL COMP	COLUMN COMPRESS(ED, ION, IBLE, OR)	PL PLAM
CONST	CONSTRUCTION	PLBG
CONC CONT	CONCRETE CONTINUOUS OR CONTINUE	PNT PSF
COORD	COORDINATE	PSI
CORR CORRUG	CORRIDOR CORRUGATED	PVC PVMT
CPT	CARPET (ED)	PWD
CT CW	CERAMIC TILE COLD WATER	QTY
DBL	DOUBLE	R
DEMO	DEMOLISH, DEMOLITION	RAD
DF DIAM	DRINKING FOUNTAIN DIAMETER	RCP RD
DIM	DIMENSION	RE
DISP DN	DISPOSAL DOWN	reinf Req
DR	DOOR	RM
DS DTL	DOWNSPOUT DETAIL	RO ROW
DWG	DRAWING	RR
EA	EACH	SC
EDF EJ	ELEC DAMPPROOFING EXPANSION JOINT	sch Sd
ELEV	ELEVATION	SEC
elec Eq	ELECTRIC (AL) EQUAL	sht sim
EQUIP		SOG
ewc exh	ELECTRIC WATER COOLER EXHAUST	spec sq
EXIST	EXISTING	SST
EXP EXPN	exposed expansion	stc std
EXT	EXTERIOR	STL
FBO	FURNISHED BY OWNER	sto struc
FD FEC	FLOOR DRAIN FIRE EXTINGUISHER CABINET	SUS
FEX		SYM
FIN FLR(G)	FINISH(ED) FLOOR (ING)	T
FDN FOF	FOUNDATION FACE OF FRAMING	T&G TEL
FOF	FACE OF STUD	TEMP
FR FT	FIRE RESISTIVE FOOT, FEET	THRU T.O.
FTG	FOOTING	TOS
FUT	FUTURE	tow trd
GA GALV	GAUGE, GAGE GALVANIZED	TS
GB	GYPSUM BOARD	TV TYP
GC	GENERAL CONTRACT (OR)	UL
HB HC	HOSE BIB HANDICAPPED	UNFIN
HDR	HEADER	UNO
HDW HM	HARDWARE HOLLOW METAL	VB
HOR	HORIZONTAL	VCT
HPT HR	HIGH POINT HOUR	VERT VEST
HT	HEIGHT	VIF
HTR HVAC	HEATER HEATING/VENTILATION/AC	
		W W/
ID IN	INSIDE DIAMETER INCH(ES)	W/O
	INCLUDE (D), (ING)	WB WC
INFO INSUL	INFORMATION INSULATE (D), (ION)	WD
INT INV	INTERIOR INVERT	WDW
11 4 4		WH WR
		WWF

	JILLI
ONTAINED IN THE SET. SYMBOLS AND	
S JOINT	G1.01 G1.02
LABORATORY	G1.03
LAMINATE (D)	FLS D1.00
LAVATORY POUND(S)	A1.01
LINEAL	A1.02
MAXIMUM	A1.02B A1.03
MECHANIC (AL) MANUFACTURE (ER)	A1.04 A3.02
MANHOLE	A3.03
MINIMUM MIRROR	A4.01 A4.02
	A4.03 A5.01
MOISTURE RESISTANT MOUNT (ED), (ING)	A5.02
MATERIAL (S)	M0.01
NOT APPLICABLE NOT IN CONTRACT	M1.10 P0.01
NUMBER	P1.10 P2.10
NOMINAL NOISE REDUCTION COEFFICIENT	E0.00
NOT TO SCALE	E0.01 E1.00
ON CENTER (S) OUTSIDE DIAMETER	E2.00 E3.00
OVERHEAD	E4.00
OPPOSITE OVERFLOW ROOF DRAIN	
OUNCE	
PERPENDICULAR	
PLATE PLASTIC LAMINATE	
PLUMBING PAINT(ED)	
POUNDS PER SQUARE FOOT	
POUNDS PER SQUARE INCH POLYVINYL CHLORIDE	
PAVEMENT PLYWOOD	
QUANTITY	
RESISTANCE, THERMAL, RISER	
RADIUS	
REFLECTED CEILING PLAN ROOF DRAIN	
REFERENCE, REFER TO REINFORCING	
REQUIRE (D)	
ROOM ROUGH OPENING	
right of way restroom	
SOLID CORE	
SCHEDULE STORM DRAIN	
SECTION	
SHEET SIMILAR	
SLAB ON GRADE SPECIFICATION (S)	
SQUARE	
stainless steel sound transmission class	
STANDARD STEEL	
STORAGE STRUCTURAL	
SUSPENDED	
Symmetrical	
TEMPERED GLAZING	
TONGUE AND GROOVE TELEPHONE	
TEMPERATURE THROUGH	
TOP OF	
TOP OF SLAB TOP OF WALL	
PRESSURE TREATED TUBE STEEL	
TELEVISION TYPICAL	
UNDERWRITERS LABORATORY	
UNFINISHED UNLESS NOTED OTHERWISE	
VAPOR BARRIER VINYL COMPOSITION TILE	
VERTICAL	
VESTIBULE VERIFY IN FIELD	
WIDE OR WIDTH WITH	
WITHOUT WEATHER BARRIER	
WATER CLOSET	
WOOD WINDOW	
WATER HEATER	
WATER RESISTANT	

WELDED WIRE FABRIC

GENERAL NOTES GENERAL NOTES GENERAL NOTES FIRE LIFE SAFETY DEMOLITION

FLOOR PLAN REFLECTED CEILING PLAN FRAMING PLAN FINISH PLAN FURNISHING PLANS INTERIOR ELEVATIONS INTERIOR ELEVATIONS AND SECTIONS ENLARGED BREAKROOM DRAWINGS ENLARGED RESTROOM DRAWINGS MILLWORK DWGS PLAN AND SECTION DETAILS SECTION DETAILS

MECHANICAL NOTES & SCHEDULES MECHANICAL PLAN PLUMBING NOTES, SCHEDULES & DETAILS PLUMBING PLAN - SAN & VENT PLUMBING PLAN - WATER NOTES, DETAILS, & LEGENDS PANEL SCHEDULE & RISER DIAGRAM POWER PLAN LIGHTING PLAN SYSTEMS PLAN SPECIFICATIONS



PROJECT NAME: 296 W BROAD ST CO-WORKING SPACE

PROJECT LOCATION: ATHENS GA

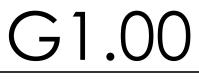
ISSUE: CONSTRUCTION DOCUMENT SET

DATE: 12.29.2020 REVISION

DRAWING:

CODE COMPLIANCE AND Sheet Index Sheet no.

DATE



THE STANDARD A.I.A. GENERAL CONDITIONS ARE HEREBY MADE A PART OF THESE DRAWINGS	THE CONTRACTOR SHALL MAINTAIN AN
EXCLUSIONS FROM THESE DRAWINGS ARE NOT PERMITTED TO BE SUPERSEDED BY THE WRITTEN AGREEMENT. THE DRAWINGS SHALL BE INCLUDED AS AN EXHIBIT IN THEIR ENTIRETY AND SHALL SUPERSEDE LANGUAGE IN THE OWNER/CONTRACTOR AGREEMENT REGARDING EXCLUSIONS UNLESS CHANGES ARE MADE TO THE PERMIT SET OF DRAWINGS, STAMPED BY THE ARCHITECT AND/OR ENGINEER, SUBMITTED AND APPROVED TO THE LOCAL PERMITTING JURISDICTION, AND WITH CHANGES NOTED REPRESENTING SUCH EXCLUSIONS AND AS PERMITTED BY	SUBMISSION, DATE OF APPROVAL BY THE OF THE CHANGE ORDER, NOTED AS INCH MODIFICATION TO THE SCHEDULE IF APP CONTRACT SUM. CONTRACTOR SHALL PROVIDE FULL SCA
CODE OR LOCAL PERMITTING JURISDICTION. ALL WORK INCLUDED IN THIS CONTRACT, SHALL COMPLY WITH THE LATEST EDITION OF INTERNATIONAL BUILDING CODE AND ALL OTHER LAWS, CODES, OF LOCAL, COUNTY, STATE, AND LOCAL JURISDICTION INVOLVED.	FINISHES FOR APPROVAL BY THE OWNER THE WORK SHALL BE PERFORMED AND JU EXPOSED MASONRY, EXPOSED CONCRE STEEL ASSEMBLY WELDING AND FINISH, E
THE GENERAL CONTRACTOR SHALL VISIT THE SITE PRIOR TO STARTING THE WORK. THE CONTRACTOR SHALL VERIFY GRADES, SITE CONDITIONS, AND COMPARE THAT WITH THE DIMENSIONS SHOWN ON THE DRAWINGS. WHERE CONFLICT EXISTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT UPON RECOGNITION OF ANY DISCREPANCY.	FINISH. LOCATION OF MOCK-UP(S) SHAI (7) DAYS PRIOR TO INSTALLATION OF THE OR REJECT OR REQUEST MODIFICATIONS QUALITY AND INTENT OF THE PROJECT. 1
THE CONTRACTOR SHALL CAREFULLY STUDY ALL PLANS AND DRAWINGS, AND SHALL REPORT IMMEDIATELY TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS HE/SHE MAY DISCOVER. THE CONTRACTOR SHALL NOT WORK WITHOUT DRAWINGS. THE CONTRACTOR SHALL CONSULT THE ARCHITECT OR SUBMIT SHOP DRAWINGS AND/OR LITERATURE FOR APPROVAL PRIOR TO STARTING THE WORK.	THE WORK DOES NOT MEET PERFORMAN REJECT AN UNDERPERFORMING TRADE E RETESTING/REINSPECTING: REGARDLESS RESPONSIBILITY, PROVIDE QUALITY-CON
THE GENERAL CONTRACTOR SHALL GIVE ALL NOTICES AND SHALL COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND ORDERS OF PUBLIC AUTHORITY BEARING ON THE PERFORMANCE OF THE WORK. IF THE CONTRACTOR OBSERVES THAT ANY OF THE CONTRACT DOCUMENTS ARE AT VARIANCE THEREWITH IN ANY RESPECT SHALL PROMPTLY NOTIFY THE ARCHITECT OF ANY CHANGES REQUIRING ADJUSTMENT WITH APPROPRIATE	CONSTRUCTION THAT REPLACED WORK THE CONTRACTOR SHALL PROVIDE A LIST FOR ALL SELECTED OR ALLOWANCE ITEM SHALL INCLUDE AND NOT BE LIMITED TO
MODIFICATION. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE ALL TRADES REQUIRED TO PROPERLY COMPLETE THE PROJECT AND THE INTENTIONS SET FORTH IN THE CONSTRUCTION DOCUMENTS.	AND REINFORCING AND FINISH, ALL STRI SYSTEMS AND LOAD BEARING FRAMING CURTAINWALL, STOREFRONT, INTERIOR C AND FINISHES, SEALANTS, CABINETRY AN
ONLY APPROVED 'CONSTRUCTION SET' OR 'PERMIT SET' MARKED DRAWINGS INCORPORATING ALL ADDENDUM AND DIMENSION CLARIFICATIONS SHALL BE USED DURING THE EXECUTION OF THE WORK.	PLUMBING FIXTURES, LIGHTING FIXTURES, MATERIAL(S), INSULATION, STAIR ASSEMB BUILDING SIGNAGE WITH TEXT AND COL
THE CONTRACTOR SHALL USE WRITTEN DIMENSIONS ONLY, OR AS DIRECTED BY THE ARCHITECT. THE CONTRACTOR SHALL NOT SCALE DRAWINGS.	LIGHTING, IRRIGATION SYSTEM, PARKING CONTROLS SYSTEM(S), HVAC & VENTILAT ELEMENTS, SITE RETENTION AND STORMW PAVERS AND COBBLES AND LANDSCAPE
CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION AND COORDINATION OF SUBCONTRACTORS WORK TO SECURE COMPLIANCE OF DRAWINGS AND SPECIFICATIONS, THE ACCURATE LOCATION OF STRUCTURE MEMBERS, AND OPENINGS FOR MECHANICAL, ELECTRICAL, STAIRS, ELEVATORS, AND MISCELLANEOUS EQUIPMENT.	ENGINEERED SOILS, AND OTHERS AS NOT SUBMITTAL PROCESSING TIME: THE CON REVIEW, INCLUDING TIME FOR RESUBMIT
CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF ALL OPENINGS FOR MECHANICAL AND ELECTRICAL EQUIPMENT WITH RESPECTIVE SUB-CONTRACTORS, AS WELL AS SHOP DRAWINGS REVIEWED BY THE ARCHITECT. THE CONTRACTOR SHALL VERIFY ALL ROUGH-IN DIMENSIONS FOR EQUIPMENT AND PROVIDE ALL BUCK-OUT	RECEIPT OF SUBMITTAL. NO EXTENSION (TRANSMIT SUBMITTALS ENOUGH IN ADVA ALLOW 15 DAYS FOR INITIAL REVIEW OF SUBSEQUENT SUBMITTALS IS REQUIRED. A
BLOCKING AND BACKING REQUIRED TO PERFORM THE WORK. WHERE PIPING, CONDUIT, AND/OR DUCTS PASS THROUGH FIRE RATED WALLS, PACK AROUND OPENINGS WITH	PROCESSED MUST BE DELAYED FOR COC THE SAME MANNER AS THE INITIAL SUBMI SEQUENTIAL REVIEW OF SUBMITTALS BY A
SAFING OR SPRAY INSULATION. PROVIDE FIRE DAMPERS WHERE NECESSARY. THE CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR THE STRUCTURE AND STRUCTURAL COMPONENTS	ALLOW 21 DAYS FOR INITIAL REVIEW OF
UNTIL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE PLANS AND AS REQUIRED TO PERFORM THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK.	CONTRACTOR SHALL HIGHLIGHT, ENCIRE CONTRACT DOCUMENTS ON SUBMITTAL CONSTITUTE A REQUEST FOR A CHANGE REVISED BY THE SUBMITTAL PROCESS.
CONTRACTOR INITIATED CHANGES SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT FOR APPROVAL PRIOR TO FABRICATION OR CONSTRUCTION AND WITH SUFFICIENT NOTICE FOR THE ARCHITECT OR ENGINEER(S) TO REVIEW	ONLY SUBMITTALS APPROVED BY THE AR CONSTRUCTION.
AND MAKE ADJUSTMENTS OR REMEDIES AND/OR REQUEST ALTERNATE SOLUTIONS AND/OR PRICING. THE CONTRACTOR SHALL ALLOW ADEQUATE TIME FOR SUCH REVIEWS AND WITHOUT URGENCY OR THREAT OF SCHEDULE MODIFICATION THAT MAY FORCE AN UNRESOLVED OR UNDER-REVIEWED SOLUTION.	THE CONTRACTOR SHALL PROVIDE A LIS [®] SUBCONTRACTORS AND TRADES, SPECIA SIMILAR WORKERS OR ENTITIES PROVIDIN
ALL WORK, WHETHER SHOWN OR IMPLIED, UNLESS SPECIFICALLY QUESTIONED SHALL BE CONSIDERED UNDERSTOOD IN ALL RESPECTS BY THE CONTRACTOR AND THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY MISINTERPRETATIONS OR CONSEQUENCES THEREOF.	CONFLICTING INSTRUCTION: SHOULD TH REQUIREMENTS FOR MINIMUM QUANTITI WITH THE MOST STRINGENT REQUIREMEN
ALL WORK TO CONFORM TO THE ARCHITECT'S DRAWINGS AND SPECIFICATIONS AND SHALL BE NEW AND THE BEST QUALITY OF THE KIND SPECIFIED. ALL WORK TO COMPLY WITH APPLICABLE INDUSTRY STANDARDS, UNLESS MORE STRINGENT STANDARDS ARE NOTED.	Contractor shall provide all sign limited to room signage, wayfindit required, shall comply with ansi 11
ALL WORK DESCRIBED SHALL BE INSTALLED IN ACCORDANCE WITH INDUSTRY STANDARDS OF THE TRADE FOR WORKMANSHIP AND MATERIALS.	NO MATERIAL SUBSTITUTION SHALL BE M/ MATERIAL CHANGE REQUESTS ON AN IN MANUFACTURER'S DATA OF PROPOSED S
CONFLICTS BETWEEN THE MANUFACTURER'S INSTRUCTION AND ARCHITECTURAL DRAWINGS ARE TO BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO BIDDING AND PERFORMING THE WORK. THE SHEETS IN THIS SET ARE COMPLEMENTARY TO EACH OTHER; WHAT IS CALLED FOR BY ONE SHALL BE BINDING AS	SIMILAR INFORMATION FOR SPECIFIED IT BY THE ARCHITECT PRIOR TO THE START C DEMOLITION GENERAL NOTES
IF CALLED FOR BY ALL. ALL PARTIES INVOLVED SHALL BECOME FAMILIAR WITH ALL SHEETS OF DRAWINGS AND SPECIFICATIONS AND NOT SIMPLY THEIR OWN WORK, TO FULLY UNDERSTAND AND DEVELOP THE CONSTRUCTION. NO SETS SHALL BE BROKEN FOR DISTRIBUTION.	CONTRACTOR SHALL PERFORM ALL DEM THESE CONSTRUCTION DOCUMENTS. ITE TO PERFORM COMPREHENSIVE DEMOLIT
THESE DRAWINGS HAVE BEEN PRODUCED AND CHECKED TO INSURE A REASONABLE DEGREE OF ACCURACY. HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL DIMENSIONS, DETAILS, AND REQUIREMENTS OF THESE DRAWINGS AND SPECIFICATIONS PRIOR TO BID SUBMISSION AND COMMENCING WORK. INFORMATION CONTAINED IN THESE DOCUMENTS IS BASED UPON FIELD MEASUREMENTS. DIMENSIONS MAY REQUIRE ADJUSTMENTS AND/OR MODIFICATIONS TO CONFORM WITH EXISTING FIELD CONDITIONS. IN NO CASE SHALL ANY	SHALL BE INCLUDED AND CONSIDERED F CONTRACTOR SHALL INSPECT THE SITE AI INTENT AND SCOPE OF WORK AND SHAL TO PERFORM THE WORK.
ADJUSTMENT COMPRISE OR REDUCE THE QUALITY OF CONSTRUCTION OR THE PROJECT'S CONFORMANCE TO STATE, LOCAL, NATIONAL LAWS, CODES OR ORDINANCES. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT, PRIOR TO	CONTRACTOR SHALL REVIEW EXISTING C PERTINENT DEMOLITION AND PREPARATI
PROCEEDING. MATERIALS, DIMENSIONS, AND OTHER CONDITIONS NOT OTHERWISE INDICATED IN THESE DRAWINGS SHALL BE INTERPRETED AS HAVING THE SAME MEANING AS THOSE MOST SIMILARLY DETAILED AND MORE FULLY DEFINED	CONTRACTOR SHALL BECOME FAMILIAR MUNICIPALITIES RELATED TO THE WORK, SITE AND REQUIREMENTS OF THE MUNICI
ELSEWHERE IN THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A CERTIFICATE OF INSURANCE INCLUDING WORKER'S COMPENSATION, GENERAL LIABILITY, AUTO LIABILITY, AND OTHER REQUIRED INSURANCE PER THE OWNER /	CONTRACTOR SHALL PERFORM ALL WO GOVERNING THE WORK.
CONTRACTOR AGREEMENT AND NOTING THE OWNER/DEVELOPER AS ADDITIONAL INSURED AT THE COMMENCEMENT OF THE PROJECT AGREEMENT.	EXISTING CONDITIONS: VERIFY EXISTING INSPECTION WHETHER OR NOT SHOWN (CONSEQUENTIAL TO OTHER TRADES TO A
COORDINATION OF NOTES & DIMENSIONS CROSS REFERENCES SHOWN ON DRAWINGS DO NOT NECESSARILY INDICATE ALL LIKE-CONDITIONS AND DO NOT LIMIT APPLICATION OF ANY DRAWING OR DETAIL. THEY MAY APPLY TO OTHER, SAME, OR SIMILAR CONDITIONS	NOTIFY THE ARCHITECT IN ADVANCE OF ANY PORTION OF THE PROJECT.
NOT REFERENCED. INTERIOR WALL DIMENSIONS ARE TO FACE OF STUD FRAMING UNLESS OTHERWISE NOTED.	ALL MATERIAL AND DEBRIS RESULTING FR TO BE TURNED OVER TO THE OWNER, SHA SITE AT CONTRACTOR'S EXPENSE.
SECTION AND INTERIOR ELEVATION DIMENSIONS ARE TO THE TOP OF THE DECK SHEATHING OR SUBFLOOR UNLESS OTHERWISE NOTED. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT	INSPECT THE WORK TO DETERMINE CON DEBRIS TO BE REMOVED. MATERIALS SH FULLY ENCLOSED CHUTE. REMOVE DEBR ACCUMULATE ON THE PREMISES.
SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, THE APPLICABLE SIMILAR DETAILS SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT.	EXISTING UTILITIES: MAINTAIN UTILITY SEF DURING DEMOLITION OPERATIONS.
CONTRACTOR SHALL COORDINATE AND ACCOMMODATE SPECIAL INSPECTIONS AS REQUIRED BY CODE AND LOCAL JURISDICTION REQUIREMENTS AND AS SET FORTH IN THESE CONSTRUCTION DOCUMENTS AND STRU. DWGS.	LAWS AND ORDINANCES: COMPLY WIT DEBRIS ON OR OFF THE SITE AND COMM DUE TO OR CONNECTED WITH DEMOLITI
CONTRACTOR IS REQUIRED TO PROVIDE COMPACTION TESTS PRIOR TO PLACEMENT OF STRUCTURAL CONCRETE, DRIVES, WALKWAYS, AND OTHER PERMANENT STRUCTURES DEPENDENT ON STABLE SOILS AND SUBGRADE. ALL	EXISTING FACILITIES: PROTECT ADJACEN DEMOLITION OPERATIONS.
STABILIZATION AND SOIL IMPROVEMENTS REQUIRED TO ADEQUATELY SUPPORT STRUCTURES PER CODE, LOCAL JURISDICTION, GEOTECHNICAL REPORT, AND STRUCTURAL DRAWINGS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.	EXISTING ITEMS TO REMAIN: PROTECT CO DURING DEMOLITION. WHEN PERMITTEE
SCHEDULES, SUBMITTALS, ALLOWANCE, AND CONTINGENCY THE CONTRACTOR SHALL MAINTAIN A CONSTRUCTION SCHEDULE AND PROVIDE AN UPDATED SCHEDULE AT EVERY	STORAGE LOCATION DURING DEMOLITIC DEMOLITION OPERATIONS ARE COMPLE DO NOT INTERRUPT EXISTING UTILITIES SEE
OAC MEETING AND UPON REQUEST BY THE OWNER OR ARCHITECT. THE CONTRACTOR SHALL MAINTAIN A WEEKLY CONTINGENCY LOG NOTING ITEMS UTILIZING CONTINGENCY	AUTHORIZED IN WRITING BY OWNER AND
FUNDS, THE DATE OF SUBMISSION, DATE OF APPROVAL BY THE OWNER AND ARCHITECT, A BRIEF DESCRIPTION OF THE ITEM (S), COST TO THE CONTINGENCY, AND REMAINING CONTINGENCY BALANCE.	AUTHORITIES HAVING JURISDICTION.

THE CONTRACTOR SHALL MAINTAIN A WEEKLY ALLOWANCE LOG NOTING EACH ALLOWANCE CATEGORY, ITEMS UTILIZING ALLOWANCE FUNDS, DATE OF APPROVAL BY THE OWNER AND ARCHITECT, A BRIEF DESCRIPTION OF THE ITEM(S), COST TO THE ALLOWANCE CATEGORY, AND REMAINING ALLOWANCE BALANCE PER CATEGORY.

N ACTIVE CHANGE ORDER LOG NOTING EACH CHANGE ORDER BY DATE OF THE OWNER AND ARCHITECT, A DETAILED DESCRIPTION OF THE ITEM (S), COST CREASE OR DECREASE OR NO CHANGE TO THE CONTRACT AMOUNT, PPLICABLE, AND A TALLY OF ALL CHANGE ORDERS TO DATE WITH A REVISED

CALE AND COMPLETE MOCK-UPS OF NOTED BUILDING COMPONENTS OR ER AND ARCHITECT. MOCK-UPS SHALL ESTABLISH THE STANDARD BY WHICH JUDGED / APPROVED. MOCKS UP SHALL INCLUDE AT A MINIMUM: RETE FINISHES FOR WALLS NOT COVERED BY A SECOND MATERIAL, EXPOSED I, EXTERIOR WALL FINISH MATERIALS WITH TRIM, SEALS, AND PAINT OR OTHER ALL BE COORDINATED WITH THE ARCHITECT. NOTIFY THE ARCHITECT SEVEN HE MOCK-UP(S). NOTE THE ARCHITECT SHALL HAVE DISCRETION TO APPROVE INS OR PROPOSE SUBSTITUTE MATERIALS AT THE MOCK-UP STAGE TO ENSURE NOTE THE ARCHITECT SHALL INFORM THE CONTRACTOR IF THE QUALITY OF ANCE EXPECTATIONS AND STANDARDS AND SHALL HAVE THE RIGHT TO E BASED ON THE QUALITY OF THE MOCK-UP(S).

SS OF WHETHER ORIGINAL TESTS OR INSPECTIONS WERE CONTRACTOR'S ONTROL SERVICES, INCLUDING RETESTING AND REINSPECTING, FOR RK THAT FAILED TO COMPLY WITH THE CONTRACT DOCUMENTS.

IST OF SUBMITTALS, AN ACTIVE SUBMITTAL LOG, AND DETAILED SUBMITTALS EMS TO BE REVIEWED BY THE ARCHITECT AND ENGINEER(S). SUBMITTALS O (AT A MINIMUM) THE FOLLOWING: ALL CONCRETE AND FLATWORK MIX TRUCTURAL STEEL, STRUCTURAL WOOD INCLUDING FLOOR AND ROOF IG MATERIALS, ALL FIRE RATED COMPONENTS, WINDOWS, DOORS, SKYLIGHTS, R GLASS PARTITIONS, EXTERIOR MATERIALS, INTERIOR AND EXTERIOR PAINTS AND MILLWORK AND RELATED HARDWARE, COUNTERTOPS AND SURFACES. ES, DOOR HARDWARE, BATHROOM AND SIMILAR ACCESSORIES, FLOORING MBLIES AND ACCESSORIES, FIRE AND ALARM SYSTEM, ENTRY SYSTEM(S), OLOR AND MATERIAL, SITE SIGNAGE, MONUMENT SIGNAGE, LANDSCAPE NG AND SECURITY GATES AND ENCLOSURES, COMMUNICATION AND ATION SYSTEM (S), FIRE-STOPPING, FIRE-SEALANTS, FIRE DAMPERS, SITE AWATER COMPONENTS, LANDSCAPE PLANTERS, TREE GRATES, SILVA CELLS, PE SURFACES, DECORATIVE OR EXPOSED LANDSCAPE COVER MATERIALS, OTED BY THE ARCHITECT OR NOTED IN THE CONSTRUCTION DOCUMENTS.

ONTRACTOR SHALL SCHEDULE AND ALLOW ENOUGH TIME FOR SUBMITTAL AITTALS, AS FOLLOWS. TIME FOR REVIEW SHALL COMMENCE ON ARCHITECT'S N OF THE CONTRACT TIME WILL BE AUTHORIZED BECAUSE OF FAILURE TO VANCE OF THE WORK TO PERMIT PROCESSING, INCLUDING RESUBMITTALS. OF EACH SUBMITTAL. ALLOW ADDITIONAL TIME IF COORDINATION WITH ARCHITECT WILL ADVISE CONTRACTOR WHEN A SUBMITTAL BEING OORDINATION. IF AN INTERMEDIATE SUBMITTAL IS NECESSARY, PROCESS IT IN MITTAL. ALLOW 15 DAYS FOR REVIEW OF EACH RESUBMITTAL. WHERE 'ARCHITECT'S CONSULTANTS, OWNER, OR OTHER PARTIES IS INDICATED, OF EACH SUBMITTAL.

H SUBMITTAL THOROUGHLY PRIOR TO SUBMITTAL TO THE ARCHTIECT. THE IRCLE, OR OTHERWISE SPECIFICALLY IDENTIFY DEVIATIONS FROM THE ALS. CONTRACT DOCUMENT DEVIATIONS ON SUBMITTALS DO NOT GE TO CONTRACT DOCUMENTS AND CONTRACT DOCUMENTS CANNOT BE

ARCHITECT OR ENGINEER SHALL BE USED FOR IMPLEMENTATION IN

LIST TO THE ARCHITECT OF ALL IN-HOUSE STAFF ASSIGNED TO THE PROJECT, CIALTY SUPPLIERS, TESTING AGENCIES, SPECIAL INSPECTIONS AGENT, AND DING SERVICES TO THE PROJECT.

THE DRAWINGS OR CODE OR STANDARDS SPECIFIED ESTABLISH CONFLICTING TITIES, QUALITY, OR OTHER SPECIFICATION, THE CONTRACTOR SHALL COMPLY

GNAGE REQUIRED BY CODE AND LOCAL ORDINANCES INCLUDING BUT NOT DING, AND BUILDING IDENTIFICATION SIGNAGE. SIGNAGE, WHERE 117 ACCESSIBLE STANDARDS.

MADE WITHOUT PRIOR WRITTEN APPROVAL. THE ARCHITECT WILL CONSIDER INDIVIDUAL BASIS. CONTRACTOR SHALL SUBMIT SAMPLES AND d substitution and specified material for consideration along with) ITEMS SO THAT THE VARIANCES WILL BE APPARENT. APPROVAL IS REQUIRED I OF ANY WORK OF THAT TRADE.

EMOLITION AND SHORING AS REQUIRED TO ACCOMMODATE THE INTENT OF ITEMS NOT SPECIFICALLY NOTED OR CALLED OUT THAT WOULD BE REQUIRED LITION AND PREPARATION TO PERFORM SUBSEQUENT STAGES OF THE WORK D PART OF THE CONTRACT DOCUMENTS WITHOUT EXCLUSION.

AND BECOME FAMILIAR WITH EXISTING CONDITIONS RELATING TO THE ALL INCLUDE ASPECTS OF THE EXISTING CONDITION AS PART OF THE SCOPE

GOBSTRUCTIONS AND DEMOLITION REQUIREMENTS AND SHALL INCLUDE ALL ATION NECESSARY TO PERFORM THE WORK.

AR WITH THE EXISTING UTILITIES, REQUIREMENTS OF ENTITIES AND K, AND SHALL COORDINATE LOGISTICS ACCORDING TO SPECIFICS OF THE ICIPALITY / JURISDICTION REQUIREMENTS.

ORK IN COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS

IG CONDITIONS AT THE SITE AND INCLUDE ALL WORK EVIDENT BY SITE I ON THE DRAWINGS. INCLUDE ALL DEMOLITION THAT IS IMPLIED OR ACHIEVE THE INTENDED RESULTS.

OF CUTTING OR ALTERATION WHICH MAY AFFECT THE STRUCTURAL SAFETY OF

FROM DEMOLITION WORK, UNLESS SPECIFICALLY DESIGNATED FOR REUSE OR HALL BECOME PROPERTY OF THE CONTRACTOR AND BE REMOVED FROM THE

NDITION OF EXISTING BUILDING AND AMOUNT OF EXISTING MATERIALS AND HALL NOT BE THROWN OR DROPPED OUTSIDE EXTERIOR WALLS EXCEPT IN BRIS FROM THE SITE AS DEMOLITION PROGRESSES AND DO NOT ALLOW TO

SERVICES INDICATED TO REMAIN AND PROTECT THEM AGAINST DAMAGE

/ITH THE APPLICABLE LAWS AND ORDINANCES GOVERNING THE DISPOSAL OF IMIT NO TRESPASS ON ANY PUBLIC OR PRIVATE PROPERTY IN ANY OPERATION

ENT WALKWAYS, BUILDING ENTRIES, AND OTHER BUILDING FACILITIES DURING

CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SOILING ED BY ARCHITECT, ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED ITION AND CLEANED AND REINSTALLED IN THEIR ORIGINAL LOCATIONS AFTER LETE.

SERVING ADJACENT OCCUPIED OR OPERATING FACILITIES UNLESS ND AUTHORITIES HAVING JURISDICTION.

NG INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO OWNER AND TO

TEMPORARY PROTECTION: ERECT AND MAINTAIN DUSTPROOF PARTITIONS AND TEMPORARY ENCLOSURES TO LIMIT DUST AND DIRT MIGRATION AND TO SEPARATE AREAS FROM FUMES AND NOISE FROM PORTIONS OF THE BUILDING THAT ARE OUTSIDE THE SCOPE OF THIS PROJECT.

GENERAL: DEMOLISH INDICATED PORTIONS OF EXISTING BUILDING AS DETAILED. INCLUDE DEMOLITION THAT IS IMPLIED OR CONSEQUENTIAL TO OTHER TRADES TO ACHIEVE THE INTENDED RESULTS. USE METHODS REQUIRED TO COMPLETE THE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS:

DO NOT USE CUTTING TORCHES UNTIL WORK AREA IS CLEARED OF FLAMMABLE MATERIALS. MAINTAIN FIRE WATCH AND PORTABLE FIRE-SUPPRESSION DEVICES DURING FLAME-CUTTING OPERATIONS. MAINTAIN ADEQUATE VENTILATION WHEN USING CUTTING TORCHES.

DISPOSAL OF DEMOLISHED MATERIALS: REMOVE DEMOLISHED MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN EPA-APPROVED LANDFILL. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES and areas.

BURNING: DO NOT BURN DEMOLISHED MATERIALS.

THE AREAS DESIGNATED FOR DEMOLITION MAY CONTAIN HAZARDOUS MATERIALS THAT WILL BE REMOVED BY OTHER CONTRACTORS OUTSIDE THE SCOPE OF THIS CONTRACT (OR TO BE COORDINATED BY THIS CONTRACT PER AGREEMENT WITH THE OWNER). COORDINATE THROUGH THE OWNER THE SEQUENCING OF HAZARDOUS MATERIAL ABATEMENT AND DEMOLITION SO AS NOT TO DELAY THE PROJECT.

CUTTING & PATCHING GENERAL NOTES

CUTTING AND PATCHING: THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT ANY ELEMENTS TO BE CUT AND PATCHED DURIGN CONSTRUCTION. THE CONTRACTOR SHALL TAKE THE FOLLOWING DIRECTION AND COMMUNICATE WITH THE ARCHITECT THE FOLLOWING:

UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS: LIST SERVICES/SYSTEMS THAT CUTTING AND PATCHING PROCEDURES WILL DISTURB OR AFFECT. LIST SERVICES/SYSTEMS THAT WILL BE RELOCATED AND THOSE THAT WILL BE TEMPORARILY OUT OF SERVICE. INDICATE HOW LONG SERVICES/SYSTEMS WILL BE DISRUPTED.

STRUCTURAL ELEMENTS: WHERE CUTTING AND PATCHING INVOLVE ADDING REINFORCEMENT TO STRUCTURAL ELEMENTS, SUBMIT DETAILS AND ENGINEERING CALCULATIONS SHOWING INTEGRATION OF REINFORCEMENT WITH ORIGINAL STRUCTURE.

STRUCTURAL ELEMENTS: DO NOT CUT AND PATCH STRUCTURAL ELEMENTS IN A MANNER THAT COULD CHANGE THEIR LOAD-CARRYING CAPACITY OR LOAD-DEFLECTION RATIO.

ARCHITECT'S APPROVAL: OBTAIN APPROVAL OF CUTTING AND PATCHING PROPOSAL BEFORE CUTTING AND PATCHING. APPROVAL DOES NOT WAIVE RIGHT TO LATER REQUIRE REMOVAL AND REPLACEMENT OF UNSATISFACTORY WORK.

OPERATIONAL ELEMENTS: DO NOT CUT AND PATCH OPERATING ELEMENTS AND RELATED COMPONENTS IN A MANNER THAT RESULTS IN REDUCING THEIR CAPACITY TO PERFORM AS INTENDED OR THAT RESULTS IN INCREASED MAINTENANCE OR DECREASED OPERATIONAL LIFE OR SAFETY. OPERATING ELEMENTS INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: PRIMARY OPERATIONAL SYSTEMS AND EQUIPMENT, AIR OR SMOKE BARRIERS, FIRE-SUPPRESSION SYSTEMS, MECHANICAL SYSTEMS PIPING AND DUCTS, CONTROL SYSTEMS, COMMUNICATION SYSTEMS, CONVEYING SYSTEMS, ELECTRICAL WIRING SYSTEMS.

MISCELLANEOUS ELEMENTS: DO NOT CUT AND PATCH MISCELLANEOUS ELEMENTS OR RELATED COMPONENTS IN A MANNER THAT COULD CHANGE THEIR LOAD-CARRYING CAPACITY, THAT RESULTS IN REDUCING THEIR CAPACITY TO PERFORM AS INTENDED, OR THAT RESULTS IN INCREASED MAINTENANCE OR DECREASED OPERATIONAL LIFE OR SAFETY. MISCELLANEOUS ELEMENTS INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: WATER, MOISTURE, OR VAPOR BARRIERS, MEMBRANES AND FLASHINGS, EXTERIOR CURTAIN-WALL CONSTRUCTION, EQUIPMENT SUPPORTS, PIPING, DUCTWORK, VESSELS, AND EQUIPMENT, NOISE- AND VIBRATION-CONTROL ELEMENTS AND SYSTEMS. VISUAL REQUIREMENTS: DO NOT CUT AND PATCH CONSTRUCTION IN A MANNER THAT RESULTS IN VISUAL EVIDENCE OF CUTTING AND PATCHING. DO NOT CUT AND PATCH CONSTRUCTION EXPOSED ON THE EXTERIOR OR IN OCCUPIED SPACES IN A MANNER THAT WOULD, IN ARCHITECT'S OPINION, REDUCE THE BUILDING'S AESTHETIC QUALITIES. REMOVE AND REPLACE CONSTRUCTION THAT HAS BEEN CUT AND PATCHED IN A VISUALLY UNSATISFACTORY MANNER.

CUTTING AND PATCHING CONFERENCE: BEFORE PROCEEDING, MEET AT PROJECT SITE WITH PARTIES INVOLVED IN CUTTING AND PATCHING, INCLUDING MECHANICAL AND ELECTRICAL TRADES. REVIEW AREAS OF POTENTIAL INTERFERENCE AND CONFLICT. COORDINATE PROCEDURES AND RESOLVE POTENTIAL CONFLICTS BEFORE PROCEEDING.

EXISTING WARRANTIES: REMOVE, REPLACE, PATCH, AND REPAIR MATERIALS AND SURFACES CUT OR DAMAGED DURING CUTTING AND PATCHING OPERATIONS, BY METHODS AND WITH MATERIALS SO AS NOT TO VOID EXISTING WARRANTIFS

IN-PLACE MATERIALS: USE MATERIALS IDENTICAL TO IN-PLACE MATERIALS. FOR EXPOSED SURFACES, USE MATERIALS THAT VISUALLY MATCH IN-PLACE ADJACENT SURFACES TO THE FULLEST EXTENT POSSIBLE. IF IDENTICAL MATERIALS ARE UNAVAILABLE OR CANNOT BE USED, USE MATERIALS THAT, WHEN INSTALLED, WILL MATCH THE VISUAL AND FUNCTIONAL PERFORMANCE OF IN-PLACE MATERIALS. EXAMINE SURFACES TO BE CUT AND PATCHED AND CONDITIONS UNDER WHICH CUTTING AND PATCHING ARE TO BE PERFORMED.

COMPATIBILITY: BEFORE PATCHING, VERIFY COMPATIBILITY WITH AND SUITABILITY OF SUBSTRATES, INCLUDING COMPATIBILITY WITH IN-PLACE FINISHES OR PRIMERS.

GENERAL: EMPLOY SKILLED WORKERS TO PERFORM CUTTING AND PATCHING. PROCEED WITH CUTTING AND PATCHING AT THE EARLIEST FEASIBLE TIME, AND COMPLETE WITHOUT DELAY.

CUT IN-PLACE CONSTRUCTION TO PROVIDE FOR INSTALLATION OF OTHER COMPONENTS OR PERFORMANCE OF OTHER CONSTRUCTION, AND SUBSEQUENTLY PATCH AS REQUIRED TO RESTORE SURFACES TO THEIR ORIGINAL CONDITION.

CUTTING: CUT IN-PLACE CONSTRUCTION BY SAWING, DRILLING, BREAKING, CHIPPING, GRINDING, AND SIMILAR OPERATIONS, INCLUDING EXCAVATION, USING METHODS LEAST LIKELY TO DAMAGE ELEMENTS RETAINED OR ADJOINING CONSTRUCTION. IF POSSIBLE, REVIEW PROPOSED PROCEDURES WITH ORIGINAL INSTALLER; COMPLY WITH ORIGINAL INSTALLER'S WRITTEN RECOMMENDATIONS.

IN GENERAL, USE HAND OR SMALL POWER TOOLS DESIGNED FOR SAWING AND GRINDING, NOT HAMMERING AND CHOPPING. CUT HOLES AND SLOTS AS SMALL AS POSSIBLE, NEATLY TO SIZE REQUIRED, AND WITH MINIMUM DISTURBANCE OF ADJACENT SURFACES. TEMPORARILY COVER OPENINGS WHEN NOT IN USE. FINISHED SURFACES: CUT OR DRILL FROM THE EXPOSED OR FINISHED SIDE INTO CONCEALED SURFACES. CONCRETE OR MASONRY: CUT USING A CUTTING MACHINE, SUCH AS AN ABRASIVE SAW OR A DIAMOND-CORE DRILL.

EXCAVATING AND BACKFILLING: COMPLY WITH REQUIREMENTS IN APPLICABLE DIVISION 31 SECTIONS WHERE REQUIRED BY CUTTING AND PATCHING OPERATIONS.

MECHANICAL AND ELECTRICAL SERVICES: CUT OFF PIPE OR CONDUIT IN WALLS OR PARTITIONS TO BE REMOVED. CAP, VALVE, OR PLUG AND SEAL REMAINING PORTION OF PIPE OR CONDUIT TO PREVENT ENTRANCE OF MOISTURE OR OTHER FOREIGN MATTER AFTER CUTTING.

PROCEED WITH PATCHING AFTER CONSTRUCTION OPERATIONS REQUIRING CUTTING ARE COMPLETE.

PATCHING: PATCH CONSTRUCTION BY FILLING, REPAIRING, REFINISHING, CLOSING UP, AND SIMILAR OPERATIONS FOLLOWING PERFORMANCE OF OTHER WORK. PATCH WITH DURABLE SEAMS THAT ARE AS INVISIBLE AS POSSIBLE. PROVIDE MATERIALS AND COMPLY WITH INSTALLATION REQUIREMENTS SPECIFIED IN OTHER SECTIONS.

INSPECTION: WHERE FEASIBLE, TEST AND INSPECT PATCHED AREAS AFTER COMPLETION TO DEMONSTRATE INTEGRITY OF INSTALLATION.

EXPOSED FINISHES: RESTORE EXPOSED FINISHES OF PATCHED AREAS AND EXTEND FINISH RESTORATION INTO RETAINED ADJOINING CONSTRUCTION IN A MANNER THAT WILL ELIMINATE EVIDENCE OF PATCHING AND REFINISHING.

CLEAN PIPING, CONDUIT, AND SIMILAR FEATURES BEFORE APPLYING PAINT OR OTHER FINISHING MATERIALS. RESTORE DAMAGED PIPE COVERING TO ITS ORIGINAL CONDITION.

FLOORS AND WALLS: WHERE WALLS OR PARTITIONS THAT ARE REMOVED EXTEND ONE FINISHED AREA INTO ANOTHER, PATCH AND REPAIR FLOOR AND WALL SURFACES IN THE NEW SPACE. PROVIDE AN EVEN SURFACE OF UNIFORM FINISH, COLOR, TEXTURE, AND APPEARANCE. REMOVE IN-PLACE FLOOR AND WALL COVERINGS AND REPLACE WITH NEW MATERIALS, IF NECESSARY, TO ACHIEVE UNIFORM COLOR AND APPEARANCE.

WHERE PATCHING OCCURS IN A PAINTED SURFACE, APPLY PRIMER AND INTERMEDIATE PAINT COATS OVER THE PATCH AND APPLY FINAL PAINT COAT OVER ENTIRE UNBROKEN SURFACE CONTAINING THE PATCH. PROVIDE ADDITIONAL COATS UNTIL PATCH BLENDS WITH ADJACENT SURFACES.

CEILINGS: PATCH, REPAIR, OR REHANG IN-PLACE CEILINGS AS NECESSARY TO PROVIDE AN EVEN-PLANE SURFACE OF UNIFORM APPEARANCE.

EXTERIOR BUILDING ENCLOSURE: PATCH COMPONENTS IN A MANNER THAT RESTORES ENCLOSURE TO A WEATHERTIGHT CONDITION.

CLEANING: CLEAN AREAS AND SPACES WHERE CUTTING AND PATCHING ARE PERFORMED. COMPLETELY REMOVE PAINT, MORTAR, OILS, PUTTY, AND SIMILAR MATERIALS.

PENETRATIONS & FIRESTOPPING

PROVIDE PRODUCTS THAT UPON CURING DO NOT RE-EMULSIFY, DISSOLVE, LEACH, BREAKDOWN, OR OTHERWISE DETERIORATE OVER TIME FROM EXPOSURE TO ATMOSPHERIC MOISTURE, SWEATING PIPES, PONDING WATER OR OTHER FORMS OF MOISTURE CHARACTERISTIC DURING AND AFTER CONSTRUCTION.

WHEN INTUMESCENT PRODUCTS ARE USED, PROVIDE PRODUCTS THAT DO NOT CONTAIN SODIUM SILICATE OR ANY OTHER WATER SOLUBLE INTUMESCENT INGREDIENT IN THE FORMULATION.

PROVIDE FIRESTOP PRODUCTS THAT DO NOT CONTAIN ETHYLENE GLYCOL.

PROVIDE FIRESTOP SEALANTS SUFFICIENTLY FLEXIBLE TO ACCOMMODATE MOTION SUCH AS PIPE VIBRATION, WATER HAMMER, THERMAL EXPANSION AND OTHER NORMAL BUILDING MOVEMENT WITHOUT DAMAGE TO THE SEAL.

PIPE INSULATION SHALL NOT BE REMOVED, CUT AWAY OR OTHERWISE INTERRUPTED THROUGH WALL OR FLOOR OPENINGS. PROVIDE PRODUCTS APPROPRIATELY TESTED FOR THE THICKNESS AND TYPE OF INSULATION UTILIZED.

FIRE RATED PATHWAY DEVICES SHALL BE THE PREFERRED PRODUCT AND SHALL BE INSTALLED IN ALL LOCATIONS WHERE FREQUENT CABLE MOVES, ADD-ONS AND CHANGES WILL OCCUR.

WHEN MECHANICAL CABLE PATHWAYS ARE NOT PRACTICAL, OPENINGS WITHIN WALLS AND FLOORS DESIGNED TO ACCOMMODATE VOICE, DATA AND VIDEO CABLING SHALL BE PROVIDED WITH RE-ENTERABLE PRODUCTS SPECIFICALLY DESIGNED FOR RETROFIT.

PENETRANTS PASSING THROUGH FIRE-RESISTANCE RATED FLOOR-CEILING ASSEMBLIES CONTAINED WITHIN CHASE WALL ASSEMBLIES SHALL BE PROTECTED WITH PRODUCTS TESTED BY BEING FULLY EXPOSED TO THE FIRE OUTSIDE OF THE CHASE WALL. SYSTEMS WITHIN THE UL FIRE RESISTANCE DIRECTORY THAT MEET THIS CRITERION ARE IDENTIFIED WITH THE WORDS "CHASE WALL OPTIONAL."

PROVIDE FIRE-RESISTIVE JOINT SEALANTS SUFFICIENTLY FLEXIBLE TO ACCOMMODATE MOVEMENT SUCH AS THERMAL EXPANSION AND OTHER NORMAL BUILDING MOVEMENT WITHOUT DAMAGE TO THE SEAL.

PROVIDE FIRE-RESISTIVE JOINT SEALANTS DESIGNED TO ACCOMMODATE A SPECIFIC RANGE OF MOVEMENT AND TESTED FOR THIS PURPOSE IN ACCORDANCE WITH A CYCLIC MOVEMENT TEST CRITERIA AS OUTLINED IN STANDARDS, ASTM E1966, OR ANSI/ UL 2079.

PROVIDE PENETRATION FIRESTOP SYSTEMS, FIRE-RESISTIVE JOINT SYSTEMS, OR PERIMETER FIRE BARRIER SYSTEMS SUBJECTED TO AN AIR LEAKAGE TEST CONDUCTED IN ACCORDANCE WITH STANDARD, ANSI / UL1479 FOR PENETRATIONS AND ANSI/UL2079 FOR JOINT SYSTEMS WITH PUBLISHED L-RATINGS FOR AMBIENT AND ELEVATED TEMPERATURES AS EVIDENCE OF THE ABILITY OF FIRESTOP SYSTEM TO RESTRICT THE MOVEMENT OF SMOKE.

PROVIDE T-RATING COLLAR DEVICES TESTED IN ACCORDANCE WITH ASTM E814 OR ANSI/UL1479 FOR METALLIC PIPE PENETRATIONS REQUIRING T-RATINGS PER THE APPLICABLE BUILDING CODE.

PROVIDE A FIRE-RATED GROMMET FOR ALL INDIVIDUAL OR SMALL GROUPED CABLE APPLICATIONS UP TO 0.53 IN. (14 MM).

PROVIDE MOISTURE-CURING PRODUCTS WHERE INCLEMENT WEATHER OR GREATER THAN TRANSIENT WATER EXPOSURE IS EXPECTED.

FOR PENETRATIONS THROUGH THE FOLLOWING FIRE-RESISTANCE-RATED CONSTRUCTIONS, INCLUDING BOTH EMPTY OPENINGS AND OPENINGS CONTAINING PENETRATING ITEMS, PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEMS THAT ARE PRODUCED AND INSTALLED TO RESIST SPREAD OF FIRE ACCORDING TO REQUIREMENTS INDICATED, RESIST PASSAGE OF SMOKE AND OTHER GASES, AND MAINTAIN ORIGINAL FIRE-RESISTANCE RATING OF CONSTRUCTION PENETRATED: FIRE-RESISTANCE-RATED WALLS INCLUDING FIRE WALLS, FIRE PARTITIONS, FIRE BARRIERS, AND SMOKE BARRIERS, AND FIRE-RESISTANCE-RATED HORIZONTAL ASSEMBLIES INCLUDING FLOORS, FLOOR/CEILING ASSEMBLIES, AND CEILING MEMBRANES OF ROOF/CEILING ASSEMBLIES.

INSTALLER QUALIFICATIONS: ENGAGE AN INSTALLER WITH COMMERCIAL EXPERIENCE, WHO IS CERTIFIED, LICENSED, AND FM GLOBAL APPROVED IN ACCORDANCE WITH FM GLOBAL 4991, "APPROVAL OF FIRESTOP CONTRACTORS," OR CERTIFIED BY UL AS A QUALIFIED CONTRACTOR. A MANUFACTURER'S WILLINGNESS TO SELL ITS FIRESTOPPING PRODUCTS TO CONTRACTOR OR TO AN INSTALLER ENGAGED BY CONTRACTOR DOES NOT IN ITSELF CONFER QUALIFICATIONS ON BUYER.

SOURCE LIMITATIONS: OBTAIN THROUGH-PENETRATION FIRESTOP SYSTEMS, FOR EACH KIND OF PENETRATION AND CONSTRUCTION CONDITION INDICATED, THROUGH ONE SOURCE FROM A SINGLE MANUFACTURER.

DO NOT COVER UP THROUGH-PENETRATION FIRESTOP SYSTEM INSTALLATIONS THAT WILL BECOME CONCEALED BEHIND OTHER CONSTRUCTION UNTIL EACH INSTALLATION HAS BEEN EXAMINED BY OWNER'S INSPECTING AGENCY AND BUILDING INSPECTOR, IF REQUIRED BY AUTHORITIES HAVING JURISDICTION

SUBJECT TO COMPLIANCE WITH THROUGH-PENETRATION FIRESTOP SYSTEMS (XHEZ) AND/OR JOINT SYSTEMS (XHBN) LISTED IN VOLUME 2 OF THE UL FIRE RESISTANCE DIRECTORY, PROVIDE PRODUCTS OF THE FOLLOWING MANUFACTURERS AS IDENTIFIED BELOW: SPECIFIED TECHNOLOGIES INC., STI / HILTI INC. / 3M FIRE PROTECTION PRODUCTS.

PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEMS THAT ARE COMPATIBLE WITH ONE ANOTHER; WITH THE SUBSTRATES FORMING OPENINGS; AND WITH THE ITEMS, IF ANY, PENETRATING THROUGH PENETRATION FIRESTOP SYSTEMS, UNDER CONDITIONS OF SERVICE AND APPLICATION, AS DEMONSTRATED BY THROUGH-PENETRATION FIRESTOP SYSTEM MANUFACTURER BASED ON TESTING AND FIELD EXPERIENCE.

FIRE RATED PARTITIONS SHALL BE NOTED IN STENCIL ABOVE FINISHED CEILING PER APPLICABLE CODE.

IDENTIFY THROUGH-PENETRATION FIRESTOP SYSTEMS WITH PREPRINTED METAL, VINYL OR PLASTIC LABELS.

ATTACH LABELS PERMANENTLY TO SURFACES ADJACENT TO AND WITHIN 6 INCHES OF EDGE OF THE FIRESTOP SYSTEMS SO THAT LABELS WILL BE VISIBLE TO ANYONE SEEKING TO REMOVE PENETRATING ITEMS OR FIRESTOP SYSTEMS, USE MECHANICAL FASTENERS FOR METAL LABELS, FOR PLASTIC LABELS, USE SELF-ADHERING TYPE WITH ADHESIVES CAPABLE OF PERMANENTLY BONDING LABELS TO SURFACES ON WHICH LABELS ARE PLACED AND, IN COMBINATION WITH LABEL MATERIAL, WILL RESULT IN PARTIAL DESTRUCTION OF LABEL IF REMOVAL IS ATTEMPTED. INCLUDE THE FOLLOWING INFORMATION ON LABELS:

1. THE WORDS "WARNING - THROUGH-PENETRATION FIRESTOP SYSTEM - DO NOT DISTURB."

2. CONTRACTOR'S NAME, ADDRESS, AND PHONE NUMBER.

3. THROUGH-PENETRATION FIRESTOP SYSTEM TESTING AND INSPECTING AGENCY.

4. DATE OF INSTALLATION. 5. THROUGH-PENETRATION FIRESTOP SYSTEM MANUFACTURER'S NAME.

6. INSTALLER'S NAME.

WHERE DEFICIENCIES ARE FOUND, REPAIR OR REPLACE THROUGH-PENETRATION FIRESTOP SYSTEMS SO THEY COMPLY WITH REQUIREMENTS.

PROCEED WITH ENCLOSING THROUGH-PENETRATION FIRESTOP SYSTEMS WITH OTHER CONSTRUCTION ONLY AFTER INSPECTION REPORTS ARE ISSUED, AND FIRESTOP INSTALLATIONS COMPLY WITH REQUIREMENTS.

PRECONSTRUCTION FIELD-ADHESION TESTING: BEFORE INSTALLING SEALANTS, FIELD TEST THEIR ADHESION TO PROJECT JOINT SUBSTRATES. REPORT WHETHER SEALANT FAILED TO ADHERE TO JOINT SUBSTRATES OR TORE COHESIVELY. INCLUDE DATA ON PULL DISTANCE USED TO TEST EACH KIND OF PRODUCT AND JOINT SUBSTRATE. FOR SEALANTS THAT FAIL ADHESIVELY, RETEST UNTIL SATISFACTORY ADHESION IS OBTAINED.

ENGAGE AN EXPERIENCED INSTALLER WHO HAS COMPLETED JOINT SEALANT APPLICATIONS SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED FOR PROJECT THAT HAVE RESULTED IN CONSTRUCTION WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE.

SINGLE SOURCE RESPONSIBILITY FOR JOINT SEALANT MATERIALS: OBTAIN JOINT SEALANT MATERIALS FROM A SINGLE MANUFACTURER FOR EACH DIFFERENT PRODUCT REQUIRED.

SPECIAL INSTALLER'S WARRANTY: MANUFACTURER'S STANDARD FORM IN WHICH INSTALLER AGREES TO REPAIR OR REPLACE JOINT SEALANTS THAT DO NOT COMPLY WITH PERFORMANCE AND OTHER REQUIREMENTS SPECIFIED IN THIS SECTION WITHIN SPECIFIED WARRANTY PERIOD. INCLUDE REPAIR AND REPLACEMENT OF DEFECTIVE WORK, SUCH AS LEAKS, FAILURE OF MATERIAL, LOSS OF ADHESION, RUNNING OF COMPOUND, OR STAINING OF ADJACENT WORK. WARRANTY PERIOD: TWO YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

SPECIAL MANUFACTURER'S WARRANTY: MANUFACTURER'S STANDARD FORM IN WHICH JOINT-SEALANT MANUFACTURER AGREES TO FURNISH JOINT SEALANTS TO REPAIR OR REPLACE THOSE THAT DO NOT COMPLY WITH PERFORMANCE AND OTHER REQUIREMENTS SPECIFIED IN THIS SECTION WITHIN SPECIFIED WARRANTY PERIOD. 20 YEARS FROM SUBSTANTIAL COMPLETION FOR SILICONE SEALANTS.

- 10 YEARS FROM SUBSTANTIAL COMPLETION FOR POLYURETHANE SEALANTS.
- c. 5 YEARS FROM SUBSTANTIAL COMPLETION FOR ACRYLIC LATEX SEALANTS.

(CONTINUED ON NEXT SHEET)

BRETT W. NAVE

PROJECT NAME: 296 W BROAD ST CO-WORKING SPACE

PROJECT LOCATION: ATHENS GA

ISSUE: CONSTRUCTION DOCUMENT SET

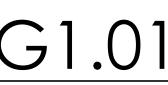
DATE: 12.29.2020

revision

DATE

DRAWING: GENERAL NOTES

SHEET NO.



GENERAL REQUIREMENTS (continued from previous sheet)	MASONRY
SPECIAL WARRANTIES SPECIFIED IN THIS ARTICLE EXCLUDE DETERIORATION OR FAILURE OF JOINT SEALANTS FROM THE FOLLOWING:	ALLOWABLE STRESSES USED IN DESIGN COMPRESSIVE STRENGTH BY THE UNIT
 a. MOVEMENT OF THE STRUCTURE CAUSED BY STRUCTURAL SETTLEMENT OR ERRORS ATTRIBUTABLE TO DESIGN OR CONSTRUCTION RESULTING IN STRESSES ON THE SEALANT EXCEEDING SEALANT MANUFACTURER'S WRITTEN SPECIFICATIONS FOR SEALANT ELONGATION AND COMPRESSION. b. DISINTEGRATION OF JOINT SUBSTRATES FROM NATURAL CAUSES EXCEEDING DESIGN SPECIFICATIONS. 	REFER TO ALL DETAILS FOR AIR SPACE MASONRY INDICATED ON THE DRAWI NOTIFICATION AND APPROVAL BY TH
 MECHANICAL DAMAGE CAUSED BY INDIVIDUALS, TOOLS, OR OTHER OUTSIDE AGENTS. CHANGES IN SEALANT APPEARANCE CAUSED BY ACCUMULATION OF DIRT OR OTHER ATMOSPHERIC CONTAMINANTS. 	TIE MATCHING DOWEL BARS FROM FO
PROVIDE SEALANT BACKINGS OF MATERIAL AND TYPE THAT ARE NON-STAINING; COMPATIBLE WITH JOINT SUBSTRATES, SEALANTS, PRIMERS AND OTHER JOINT FILLERS; AND APPROVED FOR APPLICATIONS INDICATED BY	SPLICE REINFORCING BARS BY LAPPIN
SEALANT MANUFACTURER BASED ON FIELD EXPERIENCE AND LABORATORY TESTING.	REINFORCE ALL JAMB CELLS, CORNEI HEIGHT - MATCH TYPICAL WALL REINF
MANUFACTURER BASED ON PRECONSTRUCTION JOINT SEALANT SUBSTRATE TESTS OR PRIOR EXPERIENCE. APPLY PRIMER TO COMPLY WITH JOINT SEALANT MANUFACTURER'S RECOMMENDATIONS. CONFINE PRIMERS TO AREAS OF JOINT SEALANT BOND; DO NOT ALLOW SPILLAGE OR MIGRATION ONTO ADJOINING SURFACES.	REINFORCE CMU BOND BEAMS WITH WALL TOP AND AT 4'-0" UNLESS INDIC CORNERS AND INTERSECTIONS. INSTA EXCEPT AT BOND BEAMS.
MASKING TAPE: USE MASKING TAPE WHERE REQUIRED TO PREVENT CONTACT OF SEALANT WITH ADJOINING SURFACES THAT OTHERWISE WOULD BE PERMANENTLY STAINED OR DAMAGED BY SUCH CONTACT OR BY CLEANING METHODS REQUIRED TO REMOVE SEALANT SMEARS. REMOVE TAPE IMMEDIATELY AFTER TOOLING WITHOUT DISTURBING JOINT SEAL.	PROVIDE REINFORCED CMU LINTELS A SECURE REINFORCEMENT AGAINST DI
COMPLY WITH JOINT SEALANT MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS APPLICABLE TO PRODUCTS AND APPLICATIONS INDICATED, EXCEPT WHERE MORE STRINGENT REQUIREMENTS APPLY.	GROUT ALL CELLS THAT INCLUDE REIN LIFTS. CONSOLIDATE ALL GROUT PLAC
SEALANT INSTALLATION STANDARD: FOR JOINT SEALANTS AS APPLICABLE TO MATERIALS, APPLICATIONS, AND CONDITIONS INDICATED, PER ASTM C1193.	GROUT PLACEMENT HEIGHT OVER 60' PLACE VERTICAL WALL CONTROL JOI
INSTALLATION OF SEALANTS: INSTALL SEALANTS BY PROVEN TECHNIQUES THAT RESULT IN SEALANTS DIRECTLY CONTACTING AND FULLY WETTING JOINT SUBSTRATES, COMPLETELY FILLING RECESSES PROVIDED FOR EACH JOINT CONFIGURATION, AND PROVIDING UNIFORM, CROSS SECTIONAL SHAPES AND DEPTHS.	SPACING IN EXTERIOR WALLS (BEGIN OTHERWISE. HORIZONTAL BOND BEA/ CONTINUOUS THROUGH THE JOINT, C
tooling of non-sag sealants: immediately after sealant application and prior to time skinning or curing begins, tool sealants to form smooth, uniform beads of configuration indicated, to	SECURE MASONRY VENEER TO SUPPO APPROVED TIES / ANCHORS.
ELIMINATE AIR POCKETS, AND TO ENSURE CONTACT AND ADHESION OF SEALANT WITH SIDES OF JOINT. REMOVE EXCESS SEALANTS FROM SURFACES ADJACENT TO JOINT. DO NOT USE TOOLING AGENTS THAT DISCOLOR SEALANTS OR ADJACENT SURFACES OR ARE NOT APPROVED BY SEALANT MANUFACTURER. a. PROVIDE CONCAVE JOINT CONFIGURATION PER FIGURE 5A IN ASTM C1193, UNLESS OTHERWISE	SIPS - STRUCTURAL INSULATED PANELS OVERRIDING NOTE: WHERE STRUCTUR THE STRUCTURAL ENGINEER. WHERE S
 INDICATED. PROVIDE FLUSH JOINT CONFIGURATION, PER FIGURE 5B IN ASTM C1193, WHERE INDICATED. PROVIDE RECESSED JOINT CONFIGURATION, PER FIGURE 5C IN ASTM C1193, OF RECESS DEPTH AND 	FOLLOWING. SIPS / STRUCTURAL INSULATED PANELS
 AT LOCATIONS INDICATED. USE MASKING TAPE TO PROTECT ADJACENT SURFACES OF RECESSED TOOLED JOINTS. SANDED JOINTS: EMBED CLEAN MASONRY SAND IN THE EXPOSED SURFACE OF JOINT SEALANTS THAT OCCUR IN MASONRY CONSTRUCTION. 	BOARD (OSB) AND AFM CERTIFIED EXI CONNECTING SPLINES AND APPROVE HEADERS, AND SILLS WILL BE SUPPLIED
clean off excess sealants or sealant smears adjacent to joints as work progresses by methods and with cleaning materials approved by manufacturers of joint sealants and of products in which	SUPPLY SHOP DRAWINGS FOR ALL MAMANUFACTURER SPECIFICATIONS.
JOINTS OCCUR. CAST IN PLACE CONCRETE	Panels Shall be engineered by the professional engineer licensed ii
OVERRIDING NOTE: WHERE STRUCTURAL DRAWINGS ARE INCLUDED IN THIS PROJECT, DEFER TO NOTES STAMPED BY THE STRUCTURAL ENGINEER. WHERE STRUCTURAL DRAWINGS OR NOTES ARE NOT PROVIDED, REFER TO THE FOLLOWING.	ALL PANELS SHALL BE STORED IN A PR PRIOR TO INSTALLATIONS, PANELS SH MOISTURE.
PERFORM CONCRETE WORK IN ACCORDANCE WITH ACI 301-05 "STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE" UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED.	ALL PANELS SHALL BE THE THICKNESS S
MINIMUM REINFORCING BAR COVER: 3" AT UNFORMED SURFACES EXPOSED TO EARTH 2" AT FORMED SURFACES EXPOSED TO EARTH OR WEATHER FOR #6 AND LARGER 11/2" AT FORMED SURFACES EXPOSED TO EARTH OR WEATHER FOR #3-#5	OVERRIDING NOTE: WHERE STRUCTUI THE STRUCTURAL ENGINEER. WHERE S FOLLOWING. PREFABRICATED WOOD TRUSSES SHAL
1" AT SLABS AND WALLS NOT EXPOSED TO EARTH OR WEATHER SPLICE REINFORCING BARS BY LAPPING ACCORDING TO THE SCHEDULE ON THE DRAWINGS. PLACE MECHANICAL CONNECTORS WHERE SHOWN. SPLICE WWF SHEETS BY LAPPING AT LEAST ONE PANEL WIDTH (TWO LONGITUDINAL BARS IN CONTACT) OR 6 INCHES MINIMUM.	METAL-PLATE CONNECTED WOOD TRUSSES SHAL METAL-PLATE CONNECTED WOOD TRU TO SUPPORT ALL SUPERIMPOSED LOAI ON ROOF FRAMING PLAN(S) AND AN
ADD #5X5'-0" DIAGONAL EACH FACE AT ALL OPENING CORNERS AND #5X5'-0" DIAGONAL MID-DEPTH AT ALL RE- ENTRANT SLAB CORNERS UNLESS SHOWN OTHERWISE.	ENGINEERED WOOD PRODUCTS (WO THE PRODUCTS OF TRUSS JOIST OR AP PRODUCT NUMBERS. THE INTENT OF T
SECURE ALL REINFORCING, INCLUDING WWF, IN POSITION WITH CHAIRS BEFORE CONCRETE PLACEMENT. CONCRETE DOBIES MAY BE USED TO POSITION SLAB ON GRADE REINFORCEMENT.	SURROUNDING STRUCTURE TO BEHAV (BLOCKS, CLIPS, STIFFENERS, STRAPS, E ALL MANUFACTURER'S RECOMMEND,
TIE DOWELS IN PLACE BEFORE PLACING CONCRETE. DO NOT STAB OR "WET-SET" DOWELS.	FRAMING CONNECTORS, ANCHORS, STRONG-TIE AND ARE DESIGNATED B
INSTALL AND SECURE EMBEDMENTS SUCH AS ANCHOR BOLTS AND EMBEDMENT PLATES WITHIN SPECIFIED TOLERANCES BEFORE CONCRETE PLACEMENT.	MANUFACTURER'S RECOMMENDATIC ALL LAG BOLTS SHALL HAVE LEAD HO DIAMETER FOR THE THREADED PORTIC
ROUND ISOLATION JOINTS SHOWN AT COLUMN LOCATIONS MAY BE SIMILAR SIZE DIAMOND SHAPED JOINTS AT THE CONTRACTOR'S DISCRETION. WHERE TOP SURFACES OF CONCRETE SLABS ARE SHOWN TO BE RECESSED MORE THAN 1/2", THICKEN SLAB TO	PROVIDE HEADERS FOR ALL OPENING AND BOTTOM MATCHING STUD WIDT
MAINTAIN INDICATED SLAB THICKNESS. MECHANICALLY VIBRATE ALL CONCRETE PLACEMENTS EXCEPT SLABS LESS THAN 5" THICK.	FEET THAT ARE NOT NOTED ON THE DR ENGINEERED SIZING.
WHERE SLAB CONTRACTION JOINTS ARE SHOWN ON THE DRAWINGS, CONSTRUCTION JOINTS MAY BE SUBSTITUTED TO ACCOMMODATE THE CONTRACTOR'S PLACEMENT STRATEGY.	Double top plates shall have a m Unless indicated otherwise.
FREE WATER ON THE SLAB SURFACE DURING FINISHING OPERATIONS IS PROHIBITED. SOFT CUT CONTRACTION JOINTS AS SOON AS POSSIBLE - GENERALLY WITHIN 6 HOURS AFTER FINISHING.	INSTALL WOOD SHEATHING PANELS W MINIMUM. FASTEN PANELS TO SUPPO AND FRAMING PLAN(S) FOR CRITICA
PROTECT AND CURE ALL CONCRETE SURFACES. BEGIN CURING WALLS IMMEDIATELY AFTER STRIPPING FORMS AND FLATWORK IMMEDIATELY AFTER FINISHING.	WITH FACE OF SHEATHING.
CONCRETE SURFACES TO RECEIVE GROUT UNDER COLUMN BASEPLATES MUST BE PREPARED BY LIGHT BUSH HAMMERING (1/4" AMPLITUDE) THE GROUTED AREA AND PRE-SOAKING	SCHEDULE IN THE CURRENT APPLICAE SHEATHING: (AT HORIZONTAL DIAPHR SUPPORTS. STAGGER ALL END JOINTS
STRUCTURAL STEEL	see shear wall schedule and fra
OVERRIDING NOTE: WHERE STRUCTURAL DRAWINGS ARE INCLUDED IN THIS PROJECT, DEFER TO NOTES STAMPED BY THE STRUCTURAL ENGINEER. WHERE STRUCTURAL DRAWINGS OR NOTES ARE NOT PROVIDED, REFER TO THE FOLLOWING.	REQUIREMENTS AT VERTICAL WALLS. 2" MINIMUM CLEARANCE FROM FRAM
DETAIL, FABRICATE AND ERECT STRUCTURAL STEEL IN ACCORDANCE WITH THE LRFD, 3RD EDITION OF AISC "MANUAL OF STEEL CONSTRUCTION AND AISC CODE OF STANDARD PRACTICE."	FASTENERS IN PRESERVATIVE TREATED GALVANIZED STEEL OR STAINLESS STEE
STEEL TO STEEL BOLTED CONNECTIONS SHALL CONFORM TO THE CURRENT "SPECIFICATIONS FOR STRUCTURAL JOINTS" USING ASTM A325 BOLTS AS ENDORSED BY AISC.	
HIGH STRENGTH BOLTS MAY BE INSTALLED TO A "SNUG" TIGHT CONDITION UNLESS INDICATED TO BE FULLY TENSIONED. GENERALLY, BEAM CONNECTIONS HAVE BEEN DESIGNED AS BEARING TYPE AND MAY BE INSTALLED TO	OVERRIDING NOTE: WHERE STRUCTU THE STRUCTURAL ENGINEER. WHERE S FOLLOWING.
A "SNUG" TIGHT CONDITION. BRACED FRAME AND DRAG / CHORD CONNECTIONS HAVE BEEN DESIGNED AS SLIP RITICAL AND MUST BE FULL TENSIONED. FULLY TENSION BOLTS INDICATED AS SUCH BY EMPLOYING ONE OF THE FOLLOWING METHODS: TENSION CONTROLLED BOLTS (TWIST-OFF BOLTS) PREFERRED, DIRECT TENSION INDICTOR	MAXIMUM TRUSS SPACING: 24" O.C.
(TENSION INDICATING WASHERS), OR TURN-OF-THE-NUT WITH COLOR MATCH-MARKING. COORDINATE BOLT TENSIONING WITH ENGINEER / INSPECTOR.	TRUSSES TO BE FABRICATED BE A CERT ERECTION TO CONFORM TO THE TRUS
PERFORM SHOP AND FIELD WELDING IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY'S STRUCTURAL WELDING CODE. SHOP OR FIELD WELDS AT NON-BOLTED CONNECTIONS THAT ARE NOT SPECIFICALLY DETAILED SHALL BE 3/16" CONTINUOUS FILLETS AT EACH CONTACT EDGE OR SURFACE.	CONNECTOR PLATES SHALL BE ICBO A HAVE LUMBER GRADE STAMPS; ALL W MEMBERS BEARING A GRADE STAMP. REGISTERED STRUCTURAL ENGINEER.
ALL WELDERS SHALL HAVE EVIDENCE OF PASSING THE AWS STANDARD QUALIFICATION TEST FOR THE TYPE OF WORK BEING PERFORMED.	SHOP DRAWINGS SHALL INCLUDE, FO

HEADED ANCHOR STUD WELDING MUST CONFORM TO INSTALLATION SPECIFICATIONS PROVIDED BY THE STUD MANUFACTURER. PERFORM 15 DEGREE BEND TESTS ON INITIAL STUD INSTALLATIONS TO CALIBRATE EQUIPMENT FOR EACH SET-UP, THEN TEST AT LEAST 10% OF TOTAL STUD COUNT.

NON-DESTRUCTIVE WELD TESTS MAY BE PERFORMED. DEFICIENT WELDS WILL BE CORRECTED BY THE CONTRACTOR AND RE-TESTED AT THEIR EXPENSE.

ALL NON-BEARING WALLS BELOW PREFABRICATED TRUSSES SHALL BE SLIP CONNECTED TO ALLOW FOR POTENTIAL TRUSS DEFLECTION AND UPLIFT.

CHAPTER 7 OF ASCE7-05.

ESIGN ARE BASED ON QUALITY ASSURANCE PROVISION INDICATED. VERIFY UNIT STRENGTH METHOD.

PACE, PLACEMENT, COURSING, SETBACK AND BEARING LOCATIONS FOR ALL RAWINGS. DO NOT DEVIATE FROM THIS INSTRUCTION WITHOUT PRIOR 3Y THE ARCHITECT.

OM FOUNDATION IN PLACE FOR ALL VERTICAL WALL REINFORCING BEFORE

APPING, COORDINATE WITH ARCHITECT.

PRNER CELLS, TEE CELLS, END CELLS AND AT EACH SIDE OF CONTROL JOINTS FULL REINFORCING UNLESS SHOWN OTHERWISE.

NITH 2 -#5 BARS IN 12" WALLS AND 1-#5 BAR IN 8" WALLS AT BEARING ELEVATION, NDICATED OTHERWISE. PLACE MATCHING HORIZONTAL CORNER BARS AT ALL INSTALL LADDER TYPE, NO. 9 WIRE HORIZONTAL JOINT REINFORCEMENT AT 16"

TELS AS SCHEDULED AT OPENINGS EXCEEDING 16" IN WIDTH.

IST DISPLACEMENT USING BAR POSITIONING DEVICES AT 48".

REINFORCEMENT, ANCHORS OR STRUCTURAL EMBEDMENTS. PLACE GROUT IN 48" PLACEMENTS BY MECHANICAL VIBRATION. PROVIDE CLEANOUTS FOR TOTAL

L JOINTS AT CHANGES IN WALL HEIGHT, THICKNESS OR AT 24'-0" MAXIMUM GIN WITHIN 16' OF CORNER) AND 32'-0" IN INTERIOR WALLS UNLESS SHOWN BEAM REINFORCING AT BEARING ELEVATION(S) AND TOP OF WALL RUNS NT, CUT ALL OTHER HORIZONTAL REINFORCEMENT AT CONTROL JOINT LOCATIONS.

JPPORTING WALLS OR COLUMNS AT 16" VERTICAL AND HORIZONTAL WITH

ICTURAL DRAWINGS ARE INCLUDED IN THIS PROJECT, DEFER TO NOTES STAMPED BY ERE STRUCTURAL DRAWINGS OR NOTES ARE NOT PROVIDED, REFER TO THE

NELS; ARE PRESSURE LAMINATED COMPOSITES OF APPROVED ORIENTED STRAND D EXPANDED POLYSTYRENE (EPS) INSULATION, MANUFACTURER SUPPLIED ROVED FASTENERS AS DETAILED IN MANUFACTURES LITERATURE. 2X PLATES, PLIED BY CONTRACTOR.

L MANUFACTURER SUPPLIED ITEMS. ALL ITEMS SUPPLIED SHALL CONFORM TO ALL

Y THE MANUFACTURER AND SHALL BE REVIEWED AND STAMPED BY A SEED IN THE STATE FOR WHICH THE PROJECT IS TO BE CONSTRUCTED.

A PROTECTED AREA AND SUPPORTED TO PREVENT CONTACT WITH THE GROUND. S SHALL BE COVERED AND PROTECTED FROM EXPOSURE TO SUNLIGHT AND

IESS SHOWN ON THE DRAWINGS.

ICTURAL DRAWINGS ARE INCLUDED IN THIS PROJECT, DEFER TO NOTES STAMPED BY ERE STRUCTURAL DRAWINGS OR NOTES ARE NOT PROVIDED, REFER TO THE

SHALL CONFORM TO THE TRUSS PLATE INSTITUTE DESIGN SPECIFICATION FOR D TRUSSES (ANSI/TPI 1-2002). TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER LOADS INDICATED AND LOADS TRANSFERRED BY FRAMING MEMBERS INDICATED D ANY ADDITIONAL LOADS REQUIRED.

(WOOD I-JOISTS & PARALLEL STRAND LUMBER) SHOWN ON THE DRAWINGS ARE OR APPROVED EQUAL AND ARE DESIGNATED BY THE MANUFACTURER'S STANDARD OF THE DESIGN IS FOR THESE ITEMS TO BE ATTACHED TO EACH OTHER AND TO THE EHAVE AS A SYSTEM. WHETHER SHOWN OR NOT, PROVIDE ACCESSORY ITEMS APS, ETC..) DESIGNED BY THE MANUFACTURER, FOR A COMPLETE SYSTEM. FOLLOW ENDATIONS FOR INSTALLATION AND USE.

ORS, AND HANGERS SHOWN ON THE DRAWINGS ARE PRODUCTS OF SIMPSON ED BY MANUFACTURER'S STANDARD PRODUCT NUMBERS. FOLLOW ALL DATIONS FOR INSTALLATION AND USE.

D HOLES DRILLED THE SAME DIAMETER FOR THE SHANK AND 50% OF THE SHANK DRTION. LUBRICATE THREADS BEFORE INSTALLATION.

NINGS AS SCHEDULED. WHERE NOT INDICATED, INSTALL 2-2X12 WITH PLATES TOP WIDTH. INSULATE ALL BOX HEADERS. ANY HEADERS SPANNING MORE THAN SIX (6) HE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR

A MINIMUM LAP LENGTH OF 4 FEET FASTEN WITH 2 ROWS OF 16D NAILS @ 6"

ELS WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. STAGGER ALL END JOINTS 32" JPPORTING FRAMING AND BLOCKING AS INDICATED. (SEE SHEAR WALL SCHEDULE TICAL NAILING.) NAIL HEADS SHALL NOT PENETRATE BEYOND A FLUSH CONDITION

ECIFIED ON THE DRAWINGS SHALL BE IN ACCORDANCE WITH THE FASTENING ICABLE CODE.

APHRAGM) LAY PLYWOOD PANELS WITH FACE GRAIN PERPENDICULAR TO DINTS AND PLACE AS INDICATED BY CURRENT APPLICABLE CODE.

FRAMING PLANS FOR SPECIFIC NAILING, SHEATHING AND FRAMING

FRAMING MATERIALS TO MASONRY @ ALL TRUE MASONRY FLUES

ATED & FIRE RETARDANT-TREATED WOOD SHALL BE HOT DIPPED ZINC-COATED STEEL PER CURRENT APPLICABLE CODE.

ICTURAL DRAWINGS ARE INCLUDED IN THIS PROJECT, DEFER TO NOTES STAMPED BY ERE STRUCTURAL DRAWINGS OR NOTES ARE NOT PROVIDED, REFER TO THE

CERTIFIED MEMBER OF THE TRUSS PLATE INSTITUTE. DESIGN, FABRICATION AND TRUSS PLATE INSTITUTE STANDARDS.

CBO APPROVED WITH A MINIMUM SIZE OF 3" X 5". ALL CHORD MEMBERS SHALL ALL WEB MEMBERS FROM THE SAME LUMBER GRADE WITH AT LEAST 50% OF THE WEB AMP. TRUSS DESIGN AND ERECTION PLANS SHALL BE BY A PROFESSIONAL

SHOP DRAWINGS SHALL INCLUDE, FOR EACH TYPE OF TRUSS, DIMENSIONS AND CONFIGURATIONS, NOMINAL LUMBER SIZE AND GRADE, SPECIFICATIONS FOR CONNECTOR PLATES USED, SIZE AND LOCATION OF EACH CONNECTOR AT EACH JOINT AND AMOUNT OF CAMBER IF REQUIRED. DESIGN CALCULATIONS, SHOP DRAWINGS AND ERECTION PLANS SHALL BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION. THE TRUSS MANUFACTURER SHALL NOTE THAT THE SNOW LOAD DOES NOT INCLUDE THE ADDITIONAL ROOF LOAD ADJUSTMENTS AS SET FORTH IN GENERAL CONTRACTOR SHALL BE AWARE THAT THE TRUSS MANUFACTURER MAY REQUIRE TRUSS ERECTION, WEB AND LATERAL BRACING MEMBERS INDEPENDENT OF THESE DRAWINGS. CONTRACTOR SHALL SUPPLY AND INSTALL BRACING AS SPECIFIED UNLESS OTHERWISE AGREED TO BE SUPPLIED BY THE TRUSS MANUFACTURER.

HANDLING, INSTALLATION AND BRACING OF ALL TRUSSES SHALL FOLLOW TPI PUBLICATION HIB-91. TRUSS MANUFACTURER SHALL FULLY COORDINATE TRUSS BRACING REQUIREMENTS WITH THE CONTRACTOR PRIOR TO INSTALLATION.

TRUSS MANUFACTURER SPECIFICATION ARE RESPONSIBLE FOR BLOCKING @ PREFABRICATED WOOD TRUSS BEARING.

GENERAL MOISTURE PROTECTION & DRAINAGE:

THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATE FLASHING & SEALING OF WINDOWS, DOORS, OTHER OPENINGS, ROOF & GUTTER SYSTEMS, SIDING & TRIM, ETC. ALL FLASHING SHALL CONFORM TO THE MOST CURRENT EDITION OF THE INTERNATIONAL BUILDING CODE (IBC) AND LOCAL GOVERNING CODES.

THE CONTRACTOR IS RESPONSIBLE TO ENSURE POSITIVE AND ADEQUATE DRAINAGE OF THE ROOF(S) TO THE LANDSCAPING, PARKING LOT, AND REMAINING PROPERTY AFFECTED BY CONSTRUCTION AND/OR AFFECTING ADJACENT PROPERTIES.

VENTILATION

THE CONTRACTOR SHALL COORDINATE REQUIRED VENTING OF MECHANICAL SYSTEMS, ATTIC SPACES, FOUNDATION SPACES PER THE MOST CURRENT EDITION OF THE INTERNATIONAL BUILDING CODE (IBC) AND LOCAL GOVERNING CODES.

PROTECTION & SITE CLEAN-UP

THE GENERAL CONTRACTOR SHALL KEEP THE WORK AREA SAFE AND REASONABLY CLEAN AT ALL TIMES. SHOULD THE OWNER OR ARCHITECT NOTIFY THE CONTRACTOR OF THE NEED TO CLEAN THE SITE AND ELIMINATE DEBRIS, OBSTACLES, TRASH, UNUSED MATERIALS, OR OTHER OBSTRUCTIONS, THE CONTRACTOR SHALL TAKE ACTION TO IMMEDIATELY REMEDY THE SITE CONDITIONS TO THE SATISFACTION OF THE OWNER AND/OR ARCHITECT.

ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE SUPPLIED, INSTALLED, CONNECTED, ERECTED, USED, CLEANED, AND ADJUSTED AS DIRECTED BY THE MANUFACTURER'S RECOMMENDATIONS UNLESS OTHERWISE SPECIFIED. ALL ITEMS, MATERIALS, AND FIXTURES SHALL BE INSTALLED, CONNECTED, CLEANED AND PROTECTED FROM OTHER ONGOING WORK IN THIS CONTRACT.

PROTECT ALL SURFACES, FINISHES, AND CONSTRUCTION FROM DAMAGE DURING ALL STAGES OF WORK, INCLUDING ADDITIONAL DEMOLITION. THE GENERAL CONTRACTOR SHALL REPLACE WITH EQUAL OR LIKE NEW ANY AND ALL EXISTING AND/OR NEW CONSTRUCTION DAMAGED DURING THE COURSE OF THE WORK AT HIS/HER OWN EXPENSE AND TO THE SATISFACTION OF THE ARCHITECT.

FINAL CLEANING AT COMPLETION SHALL INCLUDE DUSTING OF ALL FINISHED SURFACES, VACUUMING, REMOVAL OF SPOTS, STAINS, LABELS, FINGERPRINTS, SPILLS, AND CLEANING OF ALL INTERIOR GLASS.

JOB SITE CLEAN-UP SHALL CONTINUE BEYOND DATE OF SUBSTANTIAL COMPLETION TO MOVE-IN DAY AND SHALL INCLUDE REMOVAL OF ACCUMULATED DEBRIS RESULTING FROM WORK BY TRADES ASSOCIATED WITH THE WORK INCLUDING OUTSIDE ENTITIES SUCH AS TELECOMMUNICATIONS CONTRACTORS AND OTHER VENDORS UNDER CONTRACT TO THE OWNER.

SITE AND LANDSCAPE GENERAL NOTES

CONTRACTOR SHALL INSPECT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS RELATING TO THE INTENT AND SCOPE OF WORK AND SHALL INCLUDE ASPECTS OF THE EXISTING CONDITION AS PART OF THE SCOPE TO PERFORM THE WORK.

CONTRACTOR SHALL REVIEW EXISTING OBSTRUCTIONS AND DEMOLITION REQUIREMENTS AND SHALL INCLUDE ALL PERTINENT DEMOLITION AND PREPARATION NECESSARY TO PERFORM THE WORK.

CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING UTILITIES, REQUIREMENTS OF ENTITIES AND MUNICIPALITIES RELATED TO THE WORK, AND SHALL COORDINATE LOGISTICS ACCORDING TO SPECIFICS OF THE SITE AND REQUIREMENTS OF THE MUNICIPALITY / JURISDICTION REQUIREMENTS.

CONTRACTOR SHALL PERFORM ALL WORK IN COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK.

CONTRACTOR SHALL VERIFY ALIGNMENT AND LOCATION OF UNDERGROUND AND ABOVE GROUND UTILITIES AND PROVIDE THE NECESSARY PROTECTION FOR SAME BEFORE CONSTRUCTION / MATERIAL INSTALLATION BEGINS. UNDERGROUND UTILITIES SHALL BE INSTALLED SO THAT TRENCHES DO NOT CUT THROUGH ROOT SYSTEMS OF ANY EXISTING TREE TO REMAIN.

CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND NOTE DISCREPANCIES PRIOR TO FINAL PRICING, CONTRACT WITH THE OWNER, AND PRIOR TO CONSTRUCTION. FINAL PRICING AT CONTRACT SHALL REFLECT SITE VERIFICATION AND COORDINATED UNDERSTANDING OF THE WORK TO BE PERFORMED BASED ON THE CONSTRUCTION DOCUMENTS.

ALIGNMENT AND GRADES OF THE PROPOSED WALKS, TRAILS AND/OR ROADWAYS ARE SUBJECT TO FIELD ADJUSTMENT REQUIRED TO CONFORM TO LOCALIZED TOPOGRAPHIC CONDITIONS AND TO MINIMIZE TREE REMOVAL AND GRADING. CHANGES IN THE ALIGNMENT AND GRADES MUST BE APPROVED BY THE ARCHITECT.

LANDSCAPE CONTRACTOR SHALL REVIEW THE SITE FOR DEFICIENCIES IN THE PLANT MATERIAL SELECTIONS AND OTHER SITE CONDITIONS WHICH MIGHT NEGATIVELY AFFECT PLANT ESTABLISHMENT, SURVIVAL OR WARRANTY. UNDESIRABLE PLANT MATERIAL SELECTIONS OR SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BEGINNING OF WORK.

LANDSCAPE CONTRACTOR SHALL PREPARE AND SUBMIT REPRODUCIBLE AS-BUILT DRAWING(S) OF LANDSCAPE INSTALLATION, IRRIGATION AND SITE IMPROVEMENTS UPON COMPLETION OF CONSTRUCTION INSTALLATION AND PRIOR TO PROJECT ACCEPTANCE.

NO PLANTS WILL BE INSTALLED UNTIL FINAL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.

SOD AREAS DISTURBED DUE TO GRADING SHALL BE REPLACED, UNLESS NOTED OTHERWISE.

WHERE SOD ABUTS PAVED SURFACES, FINISHED GRADE OF SOD/SEED SHALL BE HELD 1" BELOW SURFACE ELEVATION OF TRAIL, SLAB, CURB, ETC.

SOD SHALL BE LAID PARALLEL TO THE CONTOURS AND SHALL HAVE STAGGERED JOINTS. ON SLOPES STEEPER THAN 3:1 OR IN DRAINAGE SWALES, SOD SHALL BE STAKED SECURELY.

PROPOSED PLANT MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1. UNLESS NOTED OTHERWISE, DECIDUOUS SHRUBS SHALL HAVE AT LEAST 5 CANES AT THE SPECIFIED HEIGHT. ORNAMENTAL TREES SHALL HAVE NO 'V' CROTCHES AND SHALL BEGIN BRANCHING NO LOWER THAN 3' FEET ABOVE THE ROOT BALL.

STREET AND BOULEVARD TREES SHALL BEGIN BRANCHING NO LOWER THAN 6' ABOVE FINISHED GRADE.

LANDSCAPE CONTRACTOR SHALL ASSURE COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK AND/OR MATERIALS SUPPLIED.

LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ONGOING MAINTENANCE OF NEWLY INSTALLED MATERIALS UNTIL TIME OF OWNER ACCEPTANCE. ACTS OF VANDALISM OR DAMAGE WHICH MAY OCCUR PRIOR TO OWNER ACCEPTANCE SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.

LANDSCAPE CONTRACTOR SHALL WARRANTY NEW PLANT MATERIAL THROUGH ONE CALENDAR YEARS FROM THE DATE OF THE OWNER ACCEPTANCE. NO PARTIAL ACCEPTANCE WILL BE CONSIDERED.

PLANTING AREAS (NOT OVER STRUCTURE) RECEIVING GROUND COVER, PERENNIALS, ANNUALS, AND/OR VINES SHALL RECEIVE A MINIMUM OF 18" DEPTH OF PLANTING SOIL CONSISTING OF AT LEAST 45 PARTS TOPSOIL, 45 PARTS SCREENED COMPOST OR MANURE AND 10 PARTS SAND.

ANNUAL AND PERENNIAL PLANTING BEDS TO RECEIVE 4" DEEP SHREDDED HARDWOOD MULCH WITH NO WEED BARRIER.

SHRUB BED MASSING TO RECEIVE 4" DEEP SHREDDED HARDWOOD MULCH WITH FIBER MAT WEED BARRIER.

STEEL EDGER TO BE USED TO CONTAIN SHRUBS, PERENNIALS AND ANNUALS WHERE PLANTING BED MEETS SOD UNLESS OTHERWISE NOTED.

REFER TO CIVIL FOR SITE DEMOLITION INFORMATION.

REFER TO CIVIL FOR ADDITIONAL SITE GRADING AND UTILITY INFORMATION

IF A DISCREPANCY EXISTS BETWEEN THE NUMBER OF PLANTS SHOWN IN THE PLANT MATERIALS SCHEDULE AND THE PLANS, THE PLANS SHALL GOVERN.

CONTRACTOR SHALL STAKE OUT LOCATION OF ALL PROPOSED TREES FOR APPROVAL BY ARCHITECT PRIOR TO INSTALLATION

IRRIGATION GENERAL NOTES

LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A PERFORMANCE IRRIGATION PLAN AND SPECIFICATIONS AS PART OF THE SCOPE OF WORK WHEN BIDDING. THESE SHALL BE APPROVED BY THE ARCHITECT PRIOR TO ORDER AND/OR INSTALLATION. IT SHALL BE THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT SODDED/SEEDED AND PLANTED AREAS ARE IRRIGATED PROPERLY, INCLUDING THOSE AREAS DIRECTLY AROUND AND ABUTTING BUILDING FOUNDATION.

SHRUB & PERENNIAL BEDS TO BE IRRIGATED WITH DRIP IRRIGATION. SOD TO BE IRRIGATED WITH SPRAY.

LANDSCAPE CONTRACTOR SHALL PROVIDE THE OWNER WITH A WATERING/LAWN IRRIGATION SCHEDULE APPROPRIATE TO THE PROJECT SITE CONDITIONS AND TO PLANT MATERIALS GROWTH REQUIREMENTS.

LANDSCAPE CONTRACTOR SHALL INSURE THAT SOIL CONDITIONS AND COMPACTION ARE ADEQUATE TO ALLOW FOR PROPER DRAINAGE AROUND THE CONSTRUCTION SITE. UNDESIRABLE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BEGINNING OF WORK. IT SHALL BE THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO INSURE PROPER SURFACE AND SUBSURFACE DRAINAGE IN ALL PLANTING AREAS.

COORDINATE IRRIGATION SLEEVING LOCATIONS WITH HARDSCAPES, TRAFFIC PATHS, UTILITIES, AND NECESSARY EASEMENT.

RAIN SENSORS TO BE INCLUDED WITHIN THE IRRIGATION DESIGN.

SURVEY NOTES

ALL EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE BASED ON A SURVEY PERFORMED BY OTHERS. THE ARCHITECT OFFERS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, FOR THE ACCURACY OR RELIABILITY OF THE INDICATED EXISTING CONDITIONS.

THE CONTRACTOR SHALL FIELD VERIFY ALL CRITICAL EXISTING CONDITIONS INCLUDING, BUT NOT LIMITED TO, EXISTING BUILDING LOCATIONS, UTILITY LOCATIONS AND INVERT ELEVATIONS, AND EXISTING SITE GRADES PRIOR TO THE START OF WORK.

ANY OBSERVED DEVIATIONS FROM CONDITIONS INDICATED ON THE DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY UPON DISCOVERY. NO WORK SHALL PROCEED IN THE AREAS OF ANY DISCOVERED DEVIATIONS UNTIL THE DIFFERENCES ARE RESOLVED.

HAZARDOUS MATERIAL

THE INTENT OF THE CONTRACT DOCUMENTS IS TO EXCLUDE ALL MATERIALS WHICH CONTAIN KNOWN HAZARDOUS SUBSTANCES. THESE INCLUDE MATERIALS CONTAINING ASBESTOS, POLYCHLORINATED BIPHENYL(PCB), OR ANY OTHER KNOWN SUBSTANCES DETERMINED TO BE A HEALTH HAZARD BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA) AND OTHER RECOGNIZED AGENCIES. IN STUDYING THE CONTRACT DOCUMENTS, AND AT ANY TIME DURING EXECUTION OF THE WORK, THE CONTRACTOR SHALL AT ONCE REPORT TO THE ARCHITECT ANY MATERIALS CONTAINING HAZARDOUS SUBSTANCES THAT HE/SHE MAY DISCOVER. DO NOT PROCEED WITH INSTALLATION OF HAZARDOUS MATERIALS.

THE CONTRACTOR SHALL VERIFY PRESENCE OF HAZARDOUS MATERIALS WITH OWNER. ARCHITECT AND ITS CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL, OR DISPOSAL OF OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO, ASBESTOS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC SUBSTANCES.

WHERE PRODUCTS ARE SPECIFIED BY REFERENCE STANDARD OR IN DESCRIPTIVE MANNER WITHOUT MANUFACTURER'S NAME, MODEL NUMBER OR TRADE NAME, CONTRACTOR SHALL SELECT MATERIALS MEETING SPECIFIED REQUIREMENTS WHICH DO NOT CONTAIN KNOWN HAZARDOUS SUBSTANCES IN ANY FORM AND SUBMIT TO ARCHITECT FOR APPROVAL.

IN MAKING REQUESTS FOR SUBSTITUTION, CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THAT MATERIALS REQUESTED FOR SUBSTITUTION ARE FREE OF KNOWN HAZARDOUS SUBSTANCES IN ANY FORM.

FIRE SPRINKLER SYSTEM

ALL FIRE PROTECTION WORK SHALL COMPLY WITH ALL MOST CURRENT APPLICABLE SECTIONS OF NFPA STANDARDS AND SHALL MEET THE APPROVAL OF THE OWNER'S INSURANCE UNDERWRITER, AND LOCAL AUTHORITIES HAVING JURISDICTION.

SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT PRIOR TO ORDERING, PURCHASING, OR FABRICATING ANY FIRE PROTECTION EQUIPMENT. SHOP DRAWINGS SHALL INCLUDE: SPRINKLER DRAWINGS AND CALCULATIONS BEARING THE SEAL OF A REGISTERED PROFESSIONAL ENGINEER OR EQUIVALENT CONTRACTOR'S FIRE SPRINKLER CERTIFICATE SEAL AND APPROVAL STAMP OF LOCAL CODE AUTHORITY; SPRINKLER PIPING; SPRINKLER HEADS; VALVES AND ACCESSORIES. SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE OWNER'S INSURANCE UNDERWRITER PRIOR TO BEING SUBMITTED TO THE ARCHITECT.

ALL FIRE PROTECTION EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

ALL FIRE PROTECTION EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER OWNER'S ACCEPTANCE.

ALL PIPING ABOVE GRADE SHALL BE SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR CEILING STRUCTURE. PIPING HUNG FROM JOISTS SHALL BE HUNG FROM THE TOP CHORDS OF THE JOISTS.

ALL SPRINKLER SYSTEMS SHALL BE DESIGNED PER NFPA-13 TO THE AVAILABLE CITY WATER SUPPLY. CONTRACTOR SHALL HAVE A CURRENT FLOW TEST PERFORMED PRIOR TO DESIGN.

ALL SPRINKLER SYSTEM RISERS SHALL INCLUDE AN ALARM-CHECK VALVE, WATER MOTOR GONG, FLOW SWITCH, ETC. FLOW SWITCH SHALL BE WIRED TO THE OWNER'S FACP,

HYDRAULIC CALCULATIONS SHALL INCLUDE AN ALLOWANCE FOR INSIDE AND OUTSIDE HOSE STREAMS, WITH A MAXIMUM VELOCITY AT ANY POINT IN THE SYSTEM OF 20 FEET PER SECOND, AND SHALL INCLUDE ALL COMPONENTS FROM REMOTE AREA TO THE CONNECTION POINT TO THE CITY MAIN, INCLUDING PIPING, FITTINGS, BACKFLOW PREVENTORS, ETC.

FIRE PROTECTION SUBCONTRACTOR SHALL FURNISH AND INSTALL REQUIRED NO. OF (10 LB) 2A/10B/C FIRE EXTINGUISHERS PER APPLICABLE FLOOR AREA. EXTINGUISHERS SHALL BE LOCATED TO MINIMIZE TRAVEL DISTANCE TO 50 FT OR AS SPECIFIED BY CODE OR LOCAL ORDINANCE.

ALL FIRE SERVICE CONTROL VALVES SHALL HAVE U.L. LISTED SUPERVISORY SWITCHES COMPATIBLE WITH THE OWNER'S CENTRAL ALARM SYSTEM (FACP). WIRING OF THE SWITCHES SHALL BE BY OTHERS.

GROOVED (VICTAULIC) COUPLINGS SHALL NOT BE USED OVER OR NEAR ELECTRICAL SWITCH GEAR, PANELS, TRANSFORMERS, ETC.

SPRINKLER HEAD LOCATIONS SHALL BE COORDINATED WITH OTHER TRADES BY GC AND SHALL BE AS SPECIFIED BY THE ENGINEER OR AS REQUIRED BY CODE. SPRINKLERS SHALL BE CENTERED WITHIN EACH CEILING TILE TO PROVIDE A UNIFIED, CONSISTENT AND AESTHETIC ARRANGEMENT.

PROJECT CLOSE-OUT

CONTRACTOR SHALL PROVIDE COMPLETE WARRANTY AND O&M MATERIALS IN A TABBED BINDER(S) AT CLOSEOUT AND PRIOR TO FINAL PAYMENT APPLICATION.

CONTRACTOR TO WARRANTY WORK FOR ONE YEAR FROM ACCEPTANCE OF SUBSTANTIAL COMPLETION.

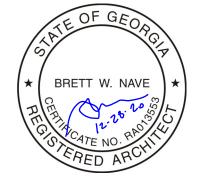
PROVIDE RELEASE OF ALL SUBCONTRACTOR AND SUPPLIER LIENS BEFORE FINAL PAYMENT SUBMITTED. ONCE FINAL PAYMENT HAS BEEN MADE TO THE CONTRACTOR, THE CONTRACTOR SHALL EXECUTE AND NOTARIZE A FINAL AND COMPREHENSIVE LIEN WAIVER TO THE OWNER.

SEALANTS

PROVIDE ELASTOMERIC JOINT SEALANTS THAT HAVE BEEN PRODUCED AND INSTALLED TO ESTABLISH AND TO MAINTAIN WATERTIGHT AND AIRTIGHT CONTINUOUS SEALS WITHOUT CAUSING STAINING OR DETERIORATION OF JOINT SUBSTRATES.

(CONTINUED ON NEXT SHEET)

PROVIDE LOW OR NO VOC INTERIOR SEALANTS.



S

PROJECT NAME: 296 W BROAD ST CO-WORKING SPACE

PROJECT LOCATION: ATHENS GA

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DATE: 12.29.2020 REVISION

DATE

DRAWING: GENERAL NOTES

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GENERAL REQUIREMENTS

(CONTINUED FROM PREVIOUS SHEET)

ACCESSIBILITY

THE CONTRACTOR SHALL CONFORM TO ACCESSIBILITY REQUIREMENTS INDICATED IN THE DRAWINGS AND AS REQUIRED BY CODE, ANSI 117, AND LOCAL ORDINANCES.

PROJECTS PROVIDING MULTI-FAMILY RESIDENTIAL DWELLINGS / UNITS SHALL CONFORM TO TYPE A AND TYPE B REQUIRED CLEARANCES, MILLWORK AND CABINETRY, HEIGHTS AND REACH, AND ALL ACCOMMODATIONS REQUIRED TO CONFORM WITH IBC AND ANSI 117.

FLOOR SURFACES SPECIFIED ARE SLIP-RESISTANT.

ABRUPT CHANGES IN LEVEL ALONG ACCESSIBLE ROUTE DO NOT EXCEED 1/2" IN HEIGHT. CHANGES BETWEEN 1/4" AND 1/2" ARE BEVELED WITH A SLOPE NO STEEPER THAN 1:2

LATCHING AND LOCKING DOORS ARE SPECIFIED TO BE OPERABLE WITH A SINGLE EFFORT BY HARDWARE THAT DOES NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. DOOR OPENING HARDWARE IS SPECIFIED TO BE MOUNTED BETWEEN 34" AND 48" ABOVE FLOOR FINISH.

CLOSERS FOR FIRE-RATED DOORS ARE SPECIFIED TO BE POWER LEVEL 3 FOR INTERIOR DOORS 38" OR LESS IN WIDTH. MAXIMUM PULL OR PUSH EFFORT TO OPERATE NON-FIRE-RATED DOORS SHALL NOT EXCEED 8.5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR ALL DOORS ARE CAPABLE OF OPENING AT LEAST 90 DEGREES.

FLOOR AREAS ON EACH SIDE OF DOORS ARE SPECIFIED TO BE LEVEL AND CLEAR. THE DIMENSIONS OF THE LEVEL AREAS ARE SPECIFIED TO MEET ANSI A117.3 2009, IAC AND ADA CLEARANCE REQUIREMENTS.

FLOORS OR LANDINGS ARE SPECIFIED TO BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY.

CHANGE IN LEVEL BETWEEN 1/4" AND 1/2" IS SPECIFIED TO BE BEVELED WITH A SLOPE NO STEEPER THAN 1:2.

ELECTRICAL RECEPTACLE OUTLETS ARE SPECIFIED TO BE NOT LESS THAN 15" ABOVE THE FLOOR OR WORKING PLATFORM.

TOILET ROOM ACCESSORIES

BOTTOM OF MIRROR REFLECTIVE SURFACE IS SPECIFIED TO BE NO HIGHER THAN 40" FROM THE FLOOR. a. TOILET TISSUE DISPENSERS ARE MOUNTED BETWEEN 7" AND 9" FROM THE FRONT EDGE OF THE TOILET SEAT. b. c. DISPENSING AND DISPOSAL FIXTURES (TOWEL, SANITARY NAPKINS, WASTE, COIN SLOTS, ETC.) WITH OPERATING PARTS ARE MOUNTED NO HIGHER THAN 48" FROM THE FLOOR.

THE HEIGHT OF THE WATER CLOSET (TOP OF SEAT) IS BETWEEN 17" AND 19".

FLUSH CONTROLS ARE MOUNTED NO MORE THAN 44" ABOVE THE FLOOR, ON THE SIDE OF THE TOILET WITH THE GREATEST CLEARANCE FROM ADJACENT WALL, TOILET PARTITION OR OTHER SURFACE.

GRAB BARS ARE PROVIDED IN COMPLIANCE WITH ANSI A117.1 2009.

- a. GRAB BARS TO BE 33" ABOVE AND PARALLEL TO THE FLOOR. DIAMETER OF GRAB BARS TO BE 1-1/4" TO 1-1/2". b.
- PROVIDE 1-1/2" CLEARANCE BETWEEN GRAB BARS AND WALL. C. GRAB BARS (INCLUDING CONNECTORS, FASTENERS, SUPPORT BACKING, ETC.) SHALL SUPPORT A 250 d. POUND LOAD.
- GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS. GRAB BARS AND ANY ADJACENT SURFACE SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS. e.
- EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8". f.

CLEAR FLOOR SPACE 30" X 48" IS PROVIDED IN FRONT OF LAVATORY TO PERMIT A FORWARD APPROACH.

SINKS AND LAVATORIES IN ADA RESTROOMS ARE MOUNTED TO COMPLY WITH KNEESPACE REQUIREMENTS OF ANSI A117.1 2009.

FAUCET CONTROLS AND OPERATING MECHANISMS ARE TO BE OPERABLE WITH ONE HAND AND NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS.

HOT WATER AND DRAIN PIPES UNDER LAVATORIES ARE INSULATED OR OTHERWISED COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

FIRE PREVENTION

PROVIDE EXIT SIGN WITH 6" LETTERS OVER REQUIRED EXITS, WHERE SHOWN ON DRAWINGS, AND ADDITIONAL SIGNS AS REQUIRED BY BUILDING DEPARTMENT INSPECTOR OR FIRE DEPARTMENT FIELD INSPECTOR. CONNECT EXIT SIGNS TO EMERGENCY POWER CIRCUITS. COMPLY WITH BUILDING CODES.

MAINTAIN AISLES AT LEAST 44" WIDE AT PUBLIC AREAS.

EVERY EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.

DOOR OPENINGS INTO REQUIRED 1-HOUR, FIRE-RESISTIVE CORRIDORS SHALL BE PROTECTED WITH A EXIT DOORS SHALL SWING IN THE DIRECTION OF TRAVEL WHEN SERVING 50 OR MORE PERSONS AND IN ANY HAZARDOUS AREAS.

WOOD BLOCKING SHALL BE FIRE-TREATED IN ACCORDANCE WITH APPLICABLE CODES.

HEARING IMPAIRED: FLASHING VISUAL WARNINGS SHALL HAVE A FREQUENCY OF NOT MORE THAN 60 FLASHES PER MINUTE, AND SHALL BE SYNCHRONIZED.

LOCATE THE CENTER OF FIRE ALARM INITIATING DEVICES 48" ABOVE THE LEVEL OF THE FINISHES FLOOR, WORKING PLATFORM, GROUND SURFACE OR SIDEWALK.

MILLWORK & FURNITURE

FURNITURE IS INDICATED FOR INFORMATIONAL PUROSES ONLY.

CONTRACTOR TO COORDINATE LAYOUT OF FURNITURE WITH CLIENT PRIOR TO INSTALLATION OF FLOOR MOUNTED DEVICES

INTERIOR FINISHES

ENSURE SURFACES TO RECEIVE NEW FINISHES ARE CLEAN, TRUE AND FREE OF IRREGULARITIES. DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. STARTING OF WORK INDICATES INSTALLER'S ACCEPTANCE OF SUBSTRATE.

REPAIR EXISTING SURFACES SCHEDULED TO REMAIN AS REQUIRED FOR THE APPLICATION OF NEW FINISHES.

UNLESS OTHERWISE NOTED, PROVIDE MINIMUM THREE-COAT PAINT SYSTEMS FOR EACH SUBSTRATE.

ALL EXPOSED MISC. PIPING & CONDUIT IN AREAS OF NO FINISHED CEILING ARE TO BE PAINTED TO MATCH ADJACENT WALL

MISCELLANEOUS

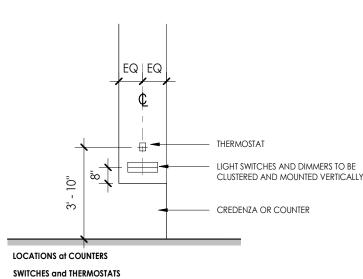
COORDINATE OPENINGS AND EMBEDDED ITEMS IN CONCRETE WORK WITH ALL TRADES.

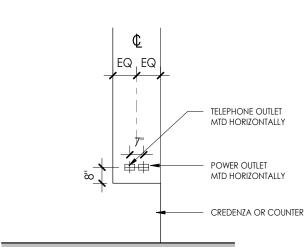
ENGINEER OF ANY DISCREPANCIES DISCOVERED WITH OTHER TRADES.

TRUCTION LOADS SHALL NOT BE GREATER THAN THE DESIGN LOADS INDICATED UNLESS REVIEWED AND OVED BY THE ENGINEER.

WIPMENT OPENINGS INDICATED ARE FOR REFERENCE ONLY. COORDINATE EXACT LOCATIONS, DIMENSIONS ND DETAILS WITH EQUIPMENT MANUFACTURERS.

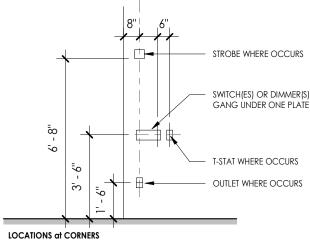
TYPICAL MOUNTING DIAGRAMS



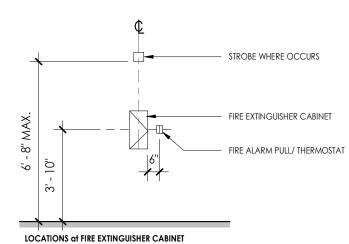


LOCATIONS at COUNTERS

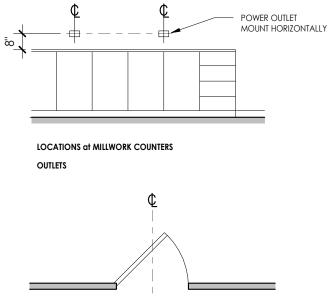
OUTLETS

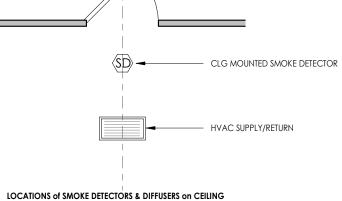


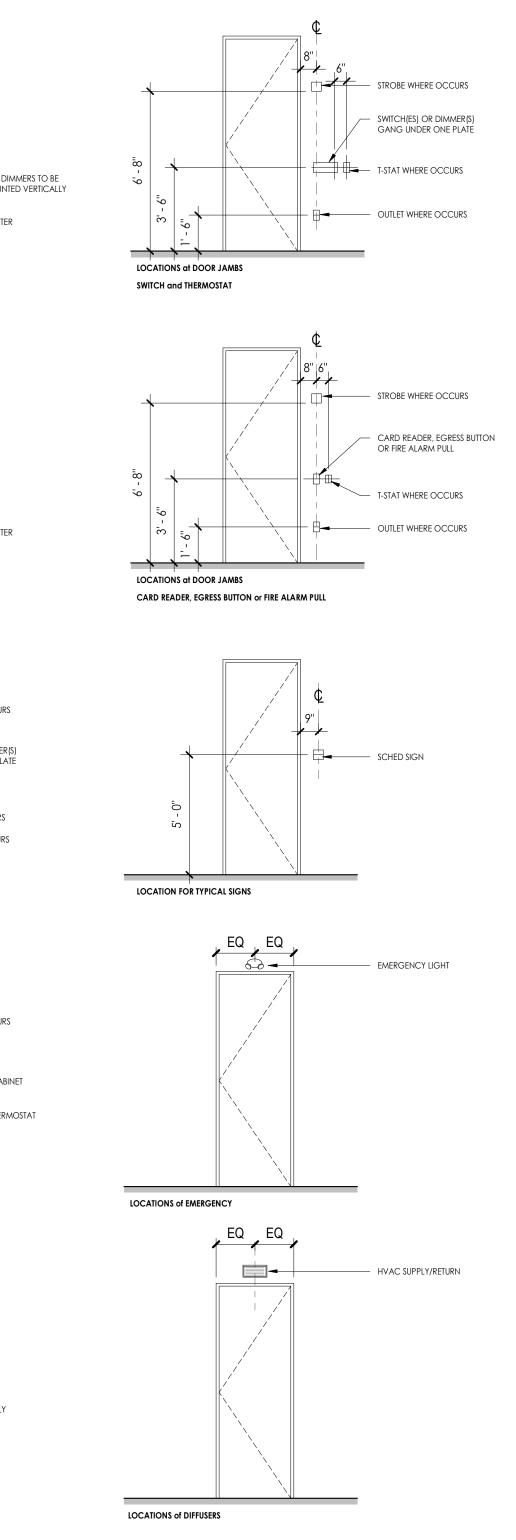
SWITCHES, OUTLETS, STROBES and THERMOSTATS













PROJECT NAME: 296 W BROAD ST CO-WORKING SPACE

PROJECT LOCATION: ATHENS GA

ISSUE: CONSTRUCTION DOCUMENT SET

DATE: 12.29.2020 revision

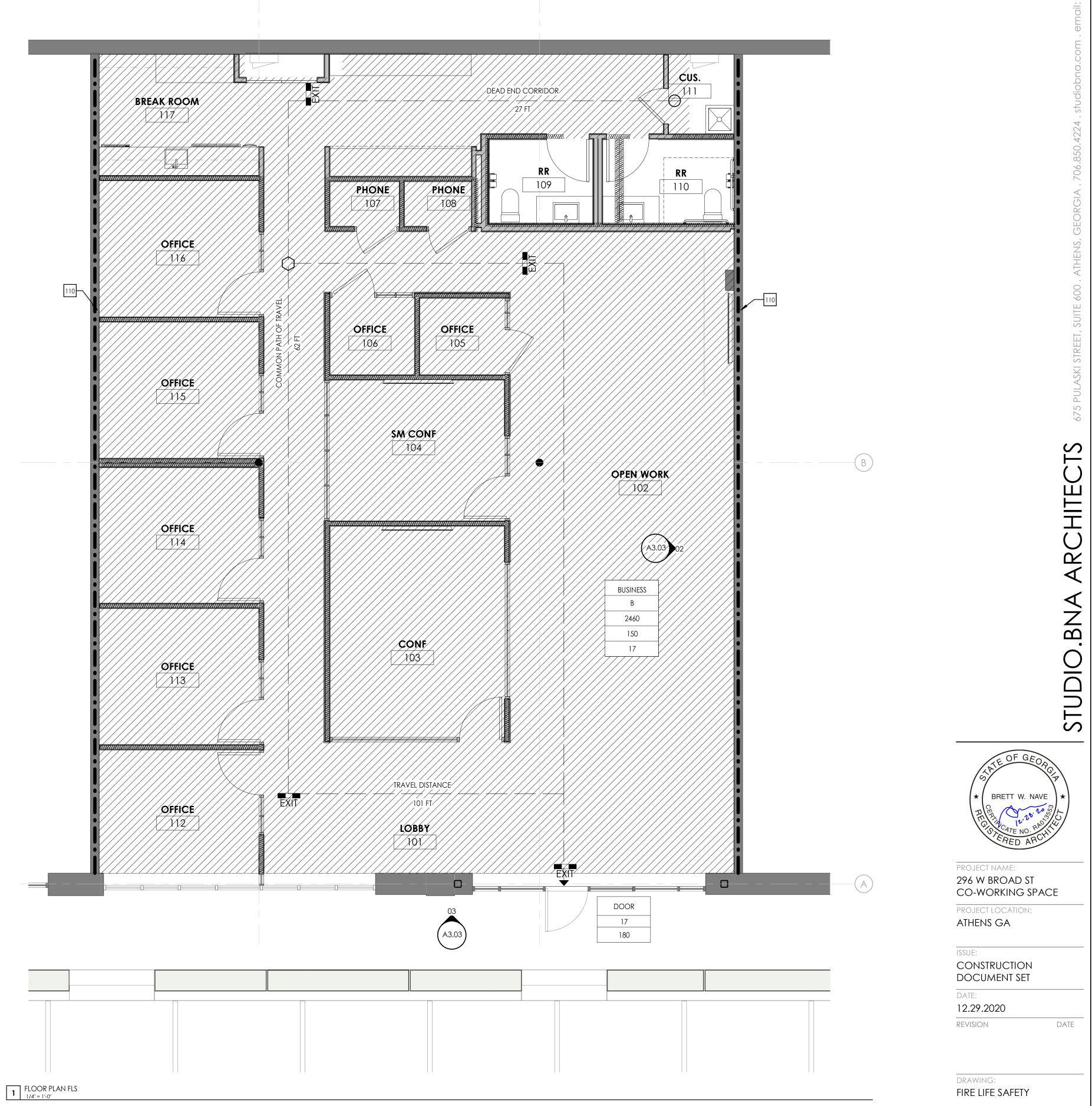
DATE

DRAWING: GENERAL NOTES

Sheet no.



DOOR EXIT TY 31 REQ N	PE UMBER OF OCCUPANTS	EXIT	EXIT SIGN		
	IUMBER OF OCCUPANTS	\bigotimes	DOOR FIRE RE	SISTANCE RA	TING
	S PATHWAY	HATCH LEG	END		
	IUTE FIRE BARRIER	BUS	SINESS		UNOCCUPIED SPACE
● • ● • ● 1 HOU	R FIRE BARRIER				
RESIDENT. AREA O	OF FUNCTION		TECTION SYSTEMS		
	PANCY CLASSIFICATION	TIKET KO			
000	n Square feet Pant load factor	Portable	Fire Extinguisher:		First Floor provide fire extinguishers per NFPA 1
4.5	OCCUPANT LOAD		n and Detection S		Fire Alarm System per NFPA 72
TRAVEL DISTA	NCES				
BUSINESS GROUP B			REQUIREMENT		PROVIDED
DEAD END CORRIDOR COMMON PATH OF TRAVEL		50 FT. N 75 FT. N	ЛАХ		27 FT. 62 FT.
CODE COMPL		200 FT.	MAX		101 FT.
International Residential Co International Fire Code, 201 International Plumbing Cod International Mechanical Co International Fuel Gas Code National Electrical Code, 20 International Energy Code, 2018 NFPA 101 - Life Safety Co NFPA 13 Standard for Install NFPA 72 National Fire Alarm	8 Edition, with Georgia Ame le, 2018 Edition, with Georgia code, 2018 Edition, with Georgia 2018 ition, with Georgia A 2017 Edition, with no Georgia 2015 Edition, w/ GA Suppler Code with state Amendmer ation of Sprinkler Systems 20 and Signaling Code 2018.	endments a Amendments orgia Amendments mendments Amendments ments nts (2018)			
Project Name	296 W BROAD CO WO	ORKING SPACE			
Project Address	296 W BROAD STREET A	ATHENS GA 20601			
Scope of Work Description of Use	INTERIOR TENANT SHEL		pace, to be occu	upied by futu	re office.
Construction Type	Туре VB				
Building Area	LEVEL 1: 2600 S	F			
OCCUPANCY					
OCCUPANCY	LEVEL 1: BUSINE	ESS GROUP B			
OCCUPANCI		ESS GROUF B			
OCCUPANT LOAD	LEVEL 1 BUSINE	ESS 150) GROSS OCCUPA	ANT LOAD =	17 OCCUPANTS
	TOTAL OCCUPANTS:	17 OCCUPANTS			
EXIT ACCESS					
EXIT ACCESS CALCULATIONS	PER NEPA 101 OTHER E		Γς• Γ Δ Ρ Δ ΓΙΤΥ Ε Δ Γ	$T \cap R = 0.2 N $	
EXIT ACCESS CALCULATIONS	(1) EXI ⁻		PACITY FACTOR = Door provided	(36" MIN. RE	QUIRED); 36" PROVIDED
exit access calculations PLUMBING	LEVEL 1 17 OC (1) EXI	CUPANTS AT 0.2 CAI T REQUIRED; (1) EXIT	PACITY FACTOR = Door provided	(36" MIN. RE	QUIRED); 36" PROVIDED
	LEVEL 1 17 OC (1) EXI	CUPANTS AT 0.2 CAI T REQUIRED; (1) EXIT AUM LENGTH OF EG	PACITY FACTOR = DOOR PROVIDED RESS TRAVEL: (200	(36" MIN. RE	QUIRED); 36" PROVIDED
PLUMBING	LEVEL 1 17 OC (1) EXI MAXIN	CUPANTS AT 0.2 CAI T REQUIRED; (1) EXIT AUM LENGTH OF EG IMBER OF PLUMBING	PACITY FACTOR = DOOR PROVIDED RESS TRAVEL: (200	(36" MIN. RE FT); 101' PRC	QUIRED); 36" PROVIDED DVIDED
PLUMBING	LEVEL 1 17 OC (1) EXI MAXIN PER IBC 2902.1 MIN NU WATER CLOSETS BUSINESS: 1 PER 25 FOF	CUPANTS AT 0.2 CAI T REQUIRED; (1) EXIT MUM LENGTH OF EG IMBER OF PLUMBING R THE FIRST 50 AND 1 IVIDED R THE FIRST 80 AND 1	PACITY FACTOR = DOOR PROVIDED RESS TRAVEL: (200 <i>FIXTURES</i> PER 50 FOR THE R	(36" MIN. RE FT); 101' PRC	QUIRED); 36" PROVIDED
PLUMBING	LEVEL 1 17 OC (1) EXI MAXIN PER IBC 2902.1 MIN NU WATER CLOSETS BUSINESS: 1 PER 25 FOR 2 WATER CLOSETS PRO LAVATORIES BUSINESS: 1 PER 40 FOR	CUPANTS AT 0.2 CAI T REQUIRED; (1) EXIT AUM LENGTH OF EG IMBER OF PLUMBING R THE FIRST 50 AND 1 DVIDED R THE FIRST 80 AND 1 DED	PACITY FACTOR = DOOR PROVIDED RESS TRAVEL: (200 <i>FIXTURES</i> PER 50 FOR THE R	(36" MIN. RE FT); 101' PRC	QUIRED); 36" PROVIDED



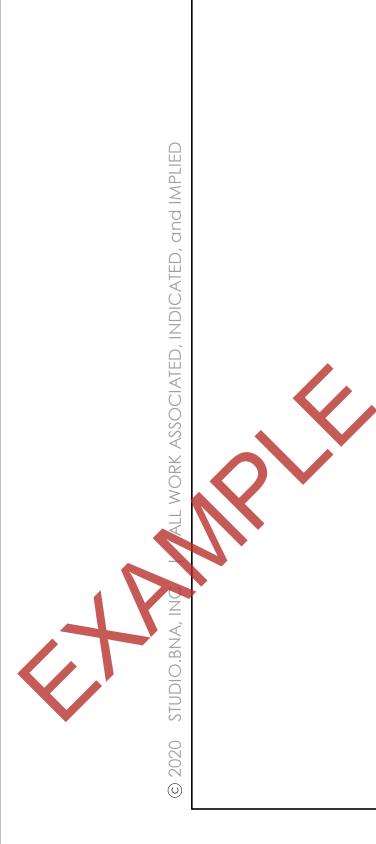


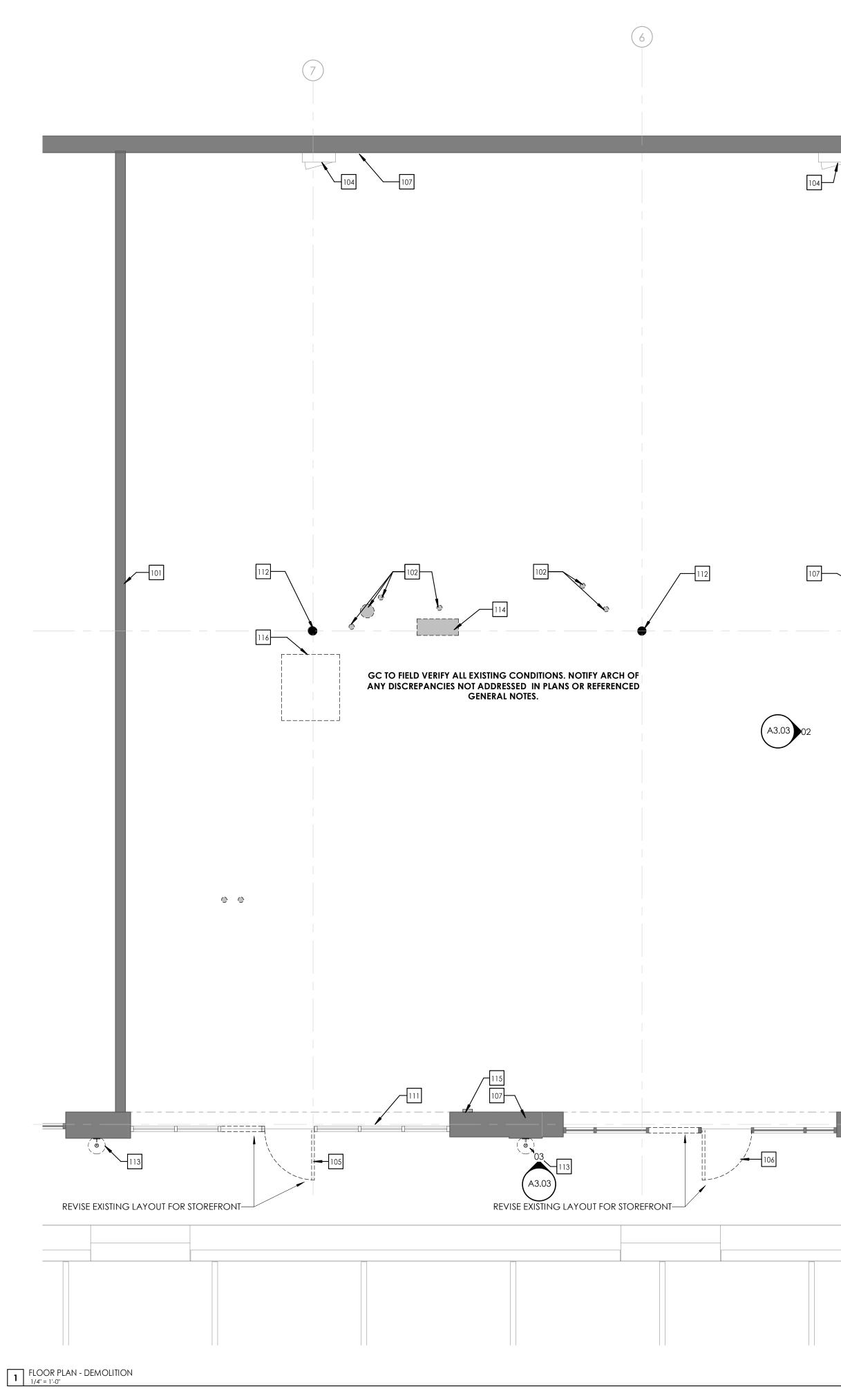
110 EXISTING TENANT DEMISING WALL. GC TO MAINTAIN MIN 1HR FIRE RATING BETWEEN DIFFERENT OCCUPANCIES.



7







KEYED NOTES

- 101 EXISTING TENANT DEMISING WALL TO REMAIN, REPAIR ANY DAMAGED GYP TO PROVIDE SMOOTH UNIFORM FINSIH OVER WALL
- 102 EXISTING STUB UP, DEMO AND PATCH CONCRETE SLAB, REF TO MEP FOR TIE IN LOCATIONS OF NEW PLUMBING.
- 104 EXISTING ELECTRICAL PANEL TO REMAIN IN PLACE. REFER TO MEP DWGS.
- 105 EXISTING STOREFRONT TO REMAIN, REVISE MULLION LAYOUT AND REMOVE EXISTING DOOR.
- 106 EXISTING STOREFRONT TO REMAIN, REVISE MULLION LAYOUT, RELOCATE EXISTING STORFRONT DOOR TO MATCH NEW LAYOUT.
 107 EXISTING MASCHIPTION MALL DEPAID TO MATCH
- 107 EXISTING MASONRY WALL. REPAIR TO MATCH
 EXISTING BRICK WHERE REQUIRED. CLEAN EXISTING
 MASONRY.
 EXISTING EXPOSED REAM OVER STOREED ONLY TO RE
- 111 EXISTING EXPOSED BEAM OVER STOREFRONT TO BE PAINTED BLACK.
 112 EXISTING COLUMN AND WIDE FLANGE BEAM ABOVE, PAINT BLACK. EXISTING COLUMNS AND
- BEAMS TO REMAIN.
- 113 EXISTING LIGHTING TO BE REMOVED.114 REMOVE EXISTING.
- 115 REMOVE WOOD PIECES AT BRICK BUMP OUT
- 116 HOLE IN CEILING, REPAIR.

GENERAL NOTES

1. ALL EXISTING CONDITIONS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION

2. ALL EXISTING DUCT WORK IS TO BE REMOVED. ANY PENETRATIONS INTO EXTERIOR ASSEMBLIES ARE TO BE REPAIRED.

3. ALL EXISTING PLUMBING IN IS TO BE REMOVED WHERE NO LONGER ACTIVE. REF TO MEP FOR TIE IN LOCATIONS.

4. ALL EXISTING ELECTRICAL IS TO BE REMOVED WHERE NO LONGER ACTIVE. EXISTING PANELS AND DISCONNECTS ARE TO REMAIN IN PLACE. REF TO MEP FOR TIE IN LOCATIONS.

5. EXISTING CONCRETE FLOOR IS TO BE PATCHED AND GROUND TO UNIFORM LEVEL SURFACE PRIOR TO FINAL CONCRETE FINISH. CONSULT ARCH ON FINAL FINISH SPECS.

6.ANY EXISTING ELECTRICAL THAT IS TO REMAIN MUST BE VERIFIED AS CODE COMPLIANT. REF. TO MEP PLANS.

8. GC TO MAINTIAN EXISTING RATING FOR FIRE RATED ASSSEMBLIES

7.REFER TO GENERAL NOTE SHEETS FOR ADD. NOTES.



PROJECT NAME: 296 W BROAD ST CO-WORKING SPACE PROJECT LOCATION:

ATHENS GA

issue: Construction Document Set

DATE: 12.29.2020 REVISION

DATE

DRAWING: DEMOLITION

SHEET NO.

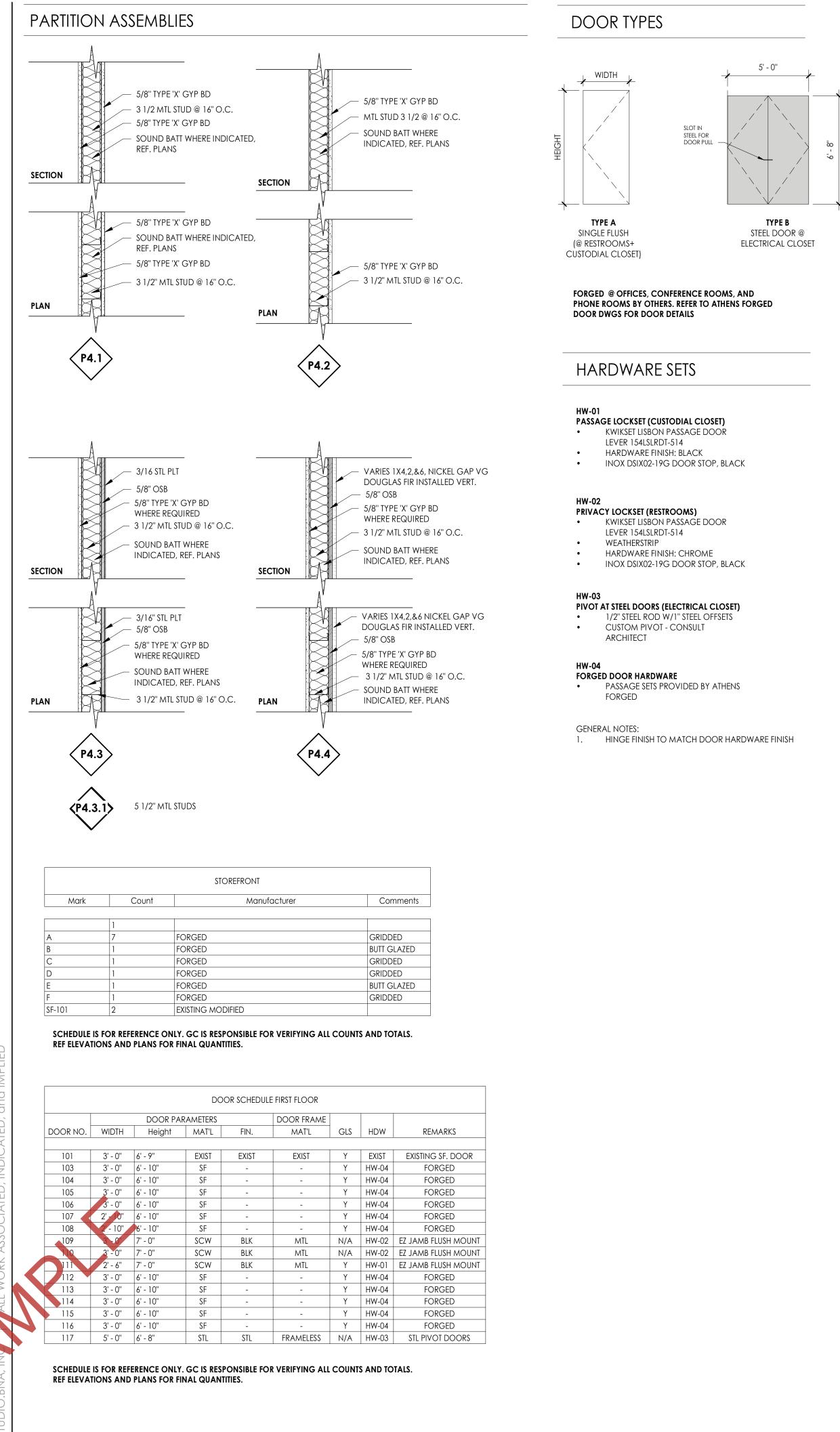


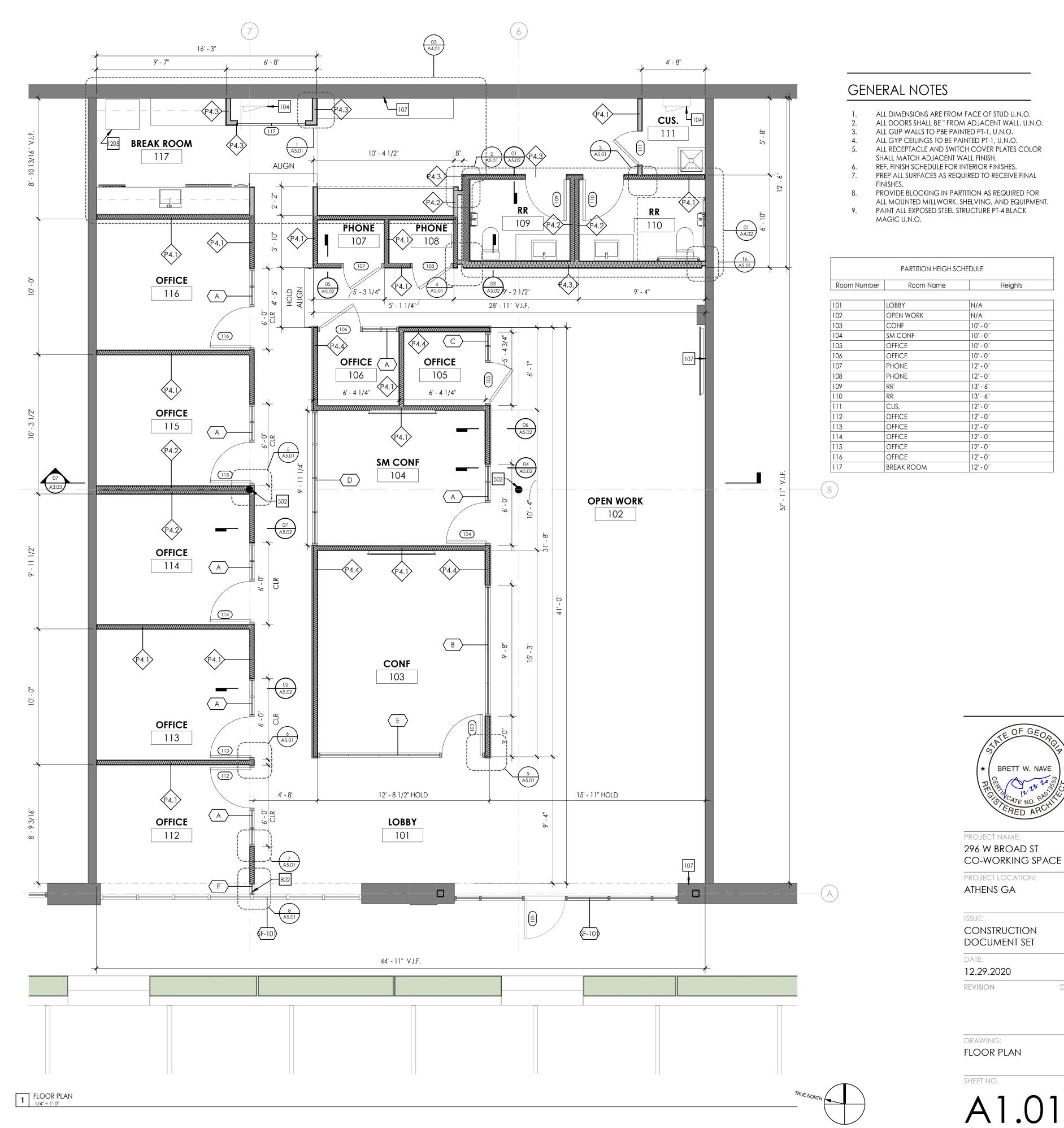


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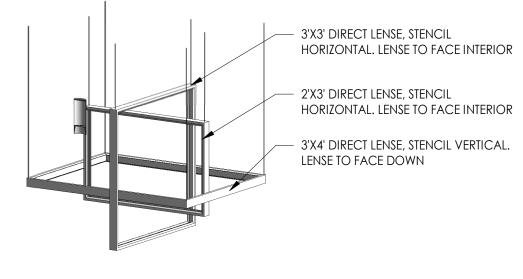


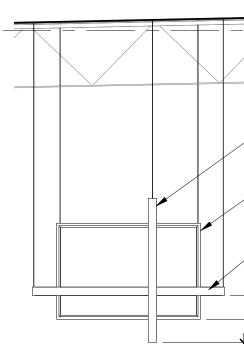
KEYED NOTES

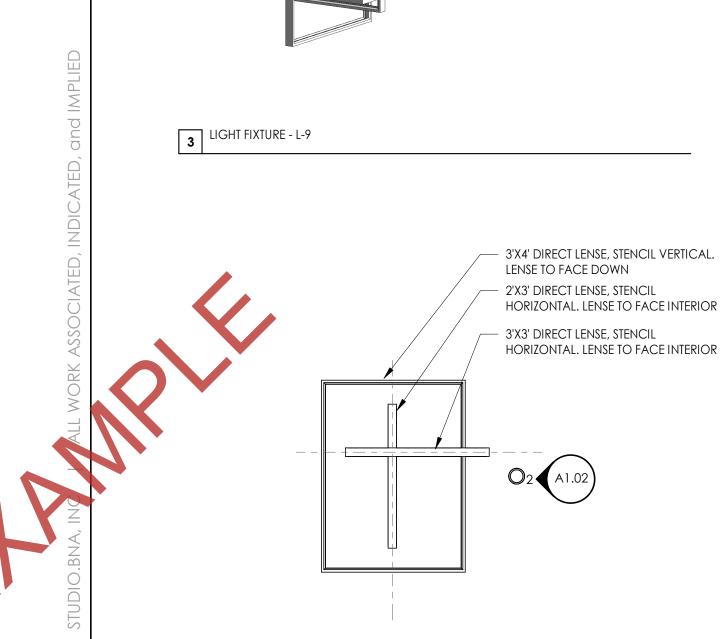
- 104 EXISTING ELECTRICAL PANEL TO REMAIN IN PLACE. REFER to mep dwgs.
- 107 EXISTING MASONRY WALL. REPAIR TO MATCH EXISTING BRICK WHERE REQUIRED. CLEAN EXISTING MASONRY. 502 EXISTING COLUMN
- 802 ALIGN FORGED STOREFRONT WITH STEEL BEAM ABOVE. V.I.F.
- 1205 COPIER, PROVIDED BY OWNER.

DATE

LIGHTING SCHEDULE					
Type Mark	Description	Manufacturer	Model	Mounting	
EM	EXIT SIGN	DUAL LITE	ELXTEU	REF. CEILING PLAN KEY	
L-1	PENDANT LED CAN LIGHTS	YLIGHTING	GX15 LED MINI PENDANT	10'-0" AFF	
L-2	LINEAR SUSPENDED LED LIGHT	ALCON LIGHTING	12200-4-P-35K-D10 - REF PLAN FOR FINISH	7'-0'' AFF	
L-3	RECESSED LED DOWNLIGHT	LIGHTOLIER	4RN-PR4DL-15-835-CC-Z10-U	FLUSH RECESSED 4" RO APERTURE	
L-5	PHONE ROOM PENDANT	BLUDOT	BP1-SMLPEN-BK	7'-0" AFF	
L-6	SM OFFICE SCONCE	BLUDOT	BP1-SCONCE-BK	MOUNT POLE TO T.O. WORKSURFACE @ 30" A	
L-7	RESTROOM SCONCE	DUTTON BROWN	30224 COLOR ICON 2 GLOBE SCONCE, SATIN BLACK, LAGOON, WHITE GLASS	REF. ELEVATIONS	
L-8	DECORATIVE BULB PENDANT	LITFAD	SKU:2220754 MOBILE METAL CHANDELIER, BLACK, 110-120V	7'-0" AFF	
L-9	DECORATIVE RECT PENDANT	STENCIL PENDANT	REFER TO LIGHTING DWGS	7'-0" AFF, V.I.F. WITH AR	
L-10	BREAK ROOM SCONCE	LIGHTOLOGY	TRIBECA STAPLE PLUG-IN WALL SCONCE, BLACK	REF. ELEVATIONS	

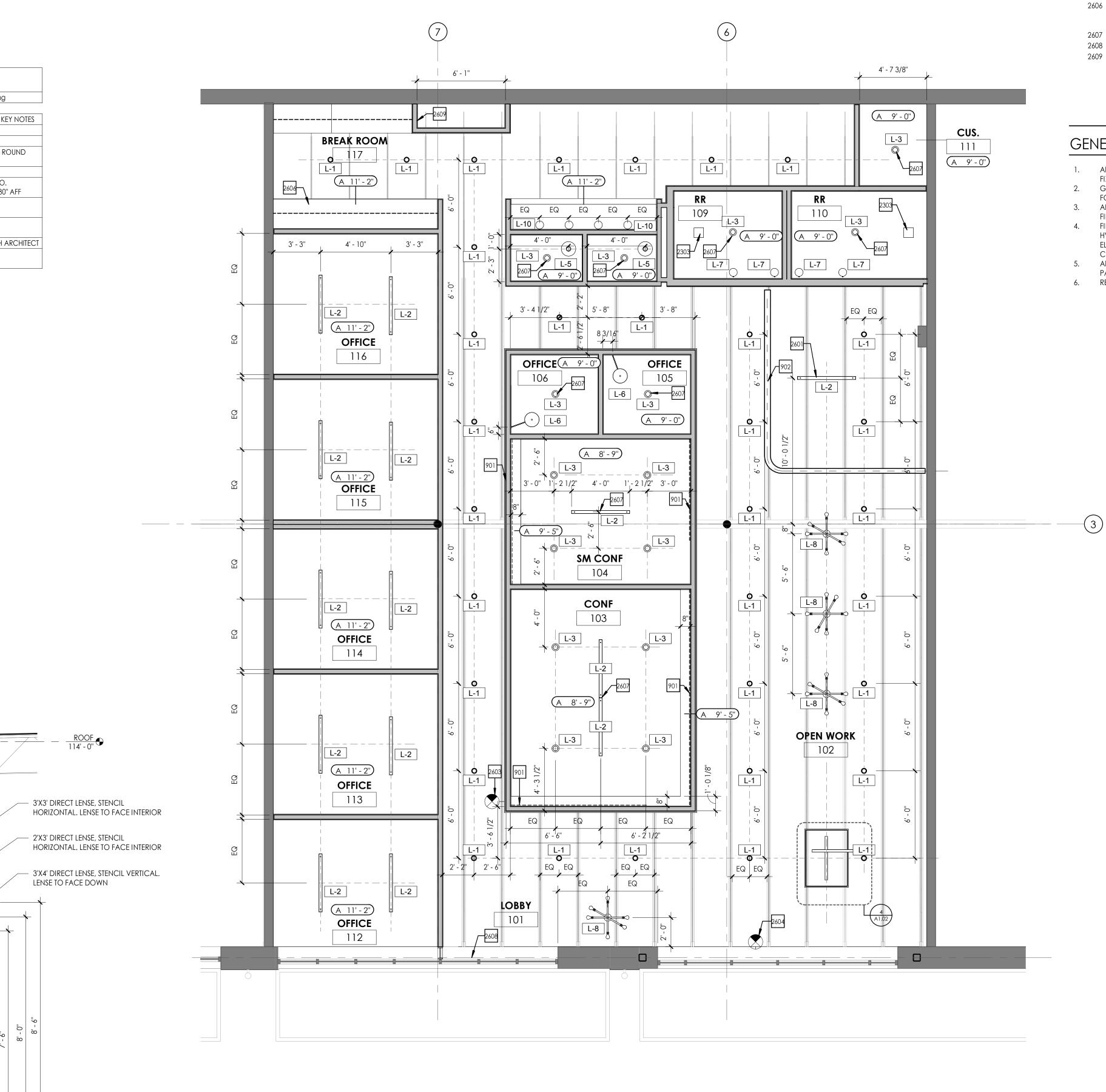






4 LIGHT FIXTURE PLAN - L-9 1/2" = 1'-0"

2 LIGHT FIXTURE ELEVATION - L-9 1/2" = 1'-0"



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

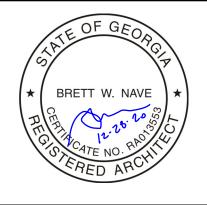
___<u>LEVEL 1</u> 100' - 0''€

KEYED NOTES

- 901 RECESSED GYP BD CURTAIN POCKET, GOELST 5600
 902 MOTORIZED CURTAIN PARTITION TRACK MOUNTED BELOW EXISTING JOISTS
- 2303 BATHROOM EXHAUST. REF TO MECH DWGS. ALLIGN WITH LIGHT FIXTURE
- 2601 LINEAR LIGHT FINISH: BLACK 2603 EXIT SIGN: END MOUNT TO T.O
- 2603 EXIT SIGN: END MOUNT TO T.O. PARTITION, SINGLE FACE
 2604 EXIT SIGN: BACK MOUNT TO BRICK ABOVE STOREFRONT, SINGLE FACE
- 2606 DASHED LINE REPRESENTS LED UNDERCABINET STRIP LIGHT MOUNTED BEHIND MILLWORK VALANCE, REF. MILLWORK ELEVATIONS
- 2607 CENTER LIGHT FIXTURE WITHIN ROOOM
- 2608 PAINT EXISTING STEEL ABOVE PT-4 BLACK MAGIC2609 PROVIDE WALL-MOUNT LED LIGHT FOR CLOSET LIGHTING

GENERAL NOTES

- 1. ALL LIGHTING DIMENSIONS SHOWN FROM CENTER OF FIXTURES TO STUD FRAMING, U.N.O.
- 2. GC TO SUPPLY HANGERS AND SUPPORTS REQUIRED FOR INSTALLATION OF LIGHT FIXTURES
- 3. ALL GYP. BD. CEILINGS TO BE PAINTED PT-1, REFER TO FINISH SCHEDULE
- 4. FINISH AND PAINT ALL CEILING EXPOSED EQUIPMENT, HVAC DIFFUSERS, LIGHTING SUPPORTS, SPRINKLERS AND ELECTRICAL EQUIPMENT TO MATCH ADJACENT CEILING FINISH
- 5. ALL EXISTING EXPOSED CELING, STRUCTURE TO BE PAINTED PT-4 SW BLACK MAGIC U.N.O.
- 6. REFER TO MEP FOR ALL MECH. COMPONETS.



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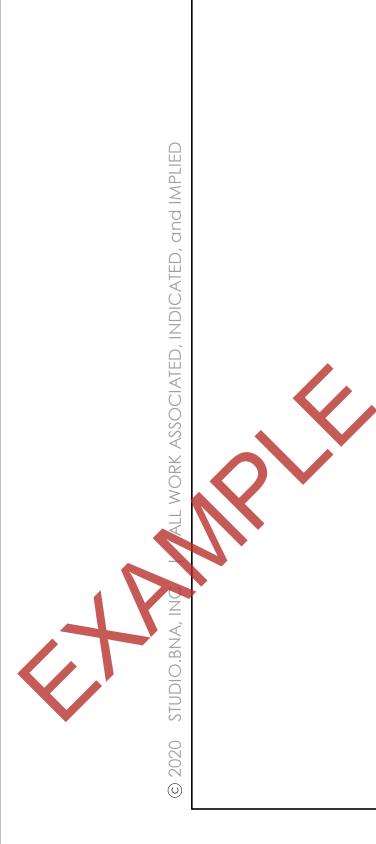
DATE: 12.29.2020 REVISION

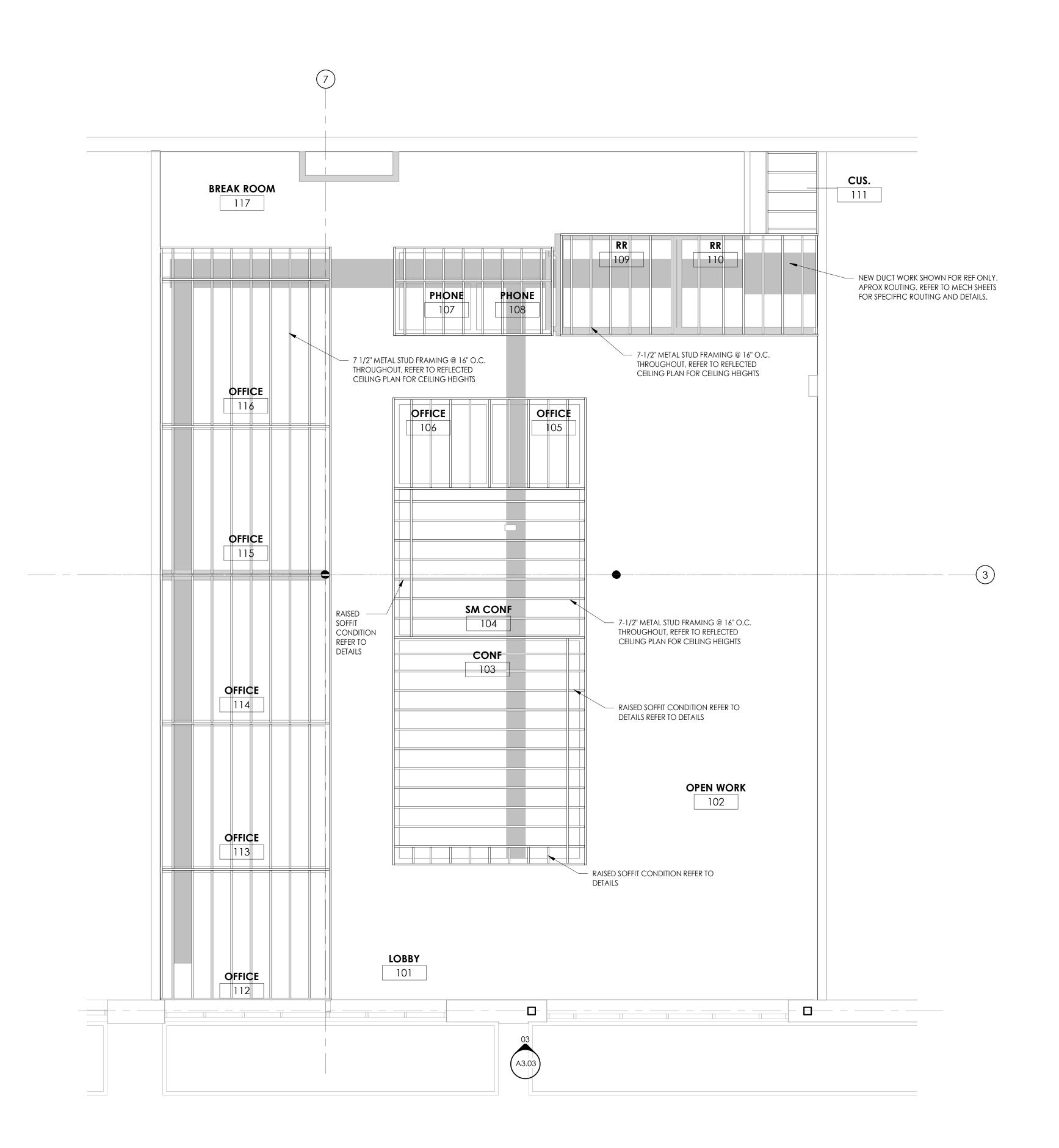
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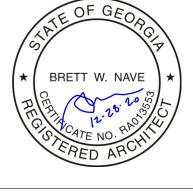
DRAWING: REFLECTED CEILING PLAN

Sheet no.









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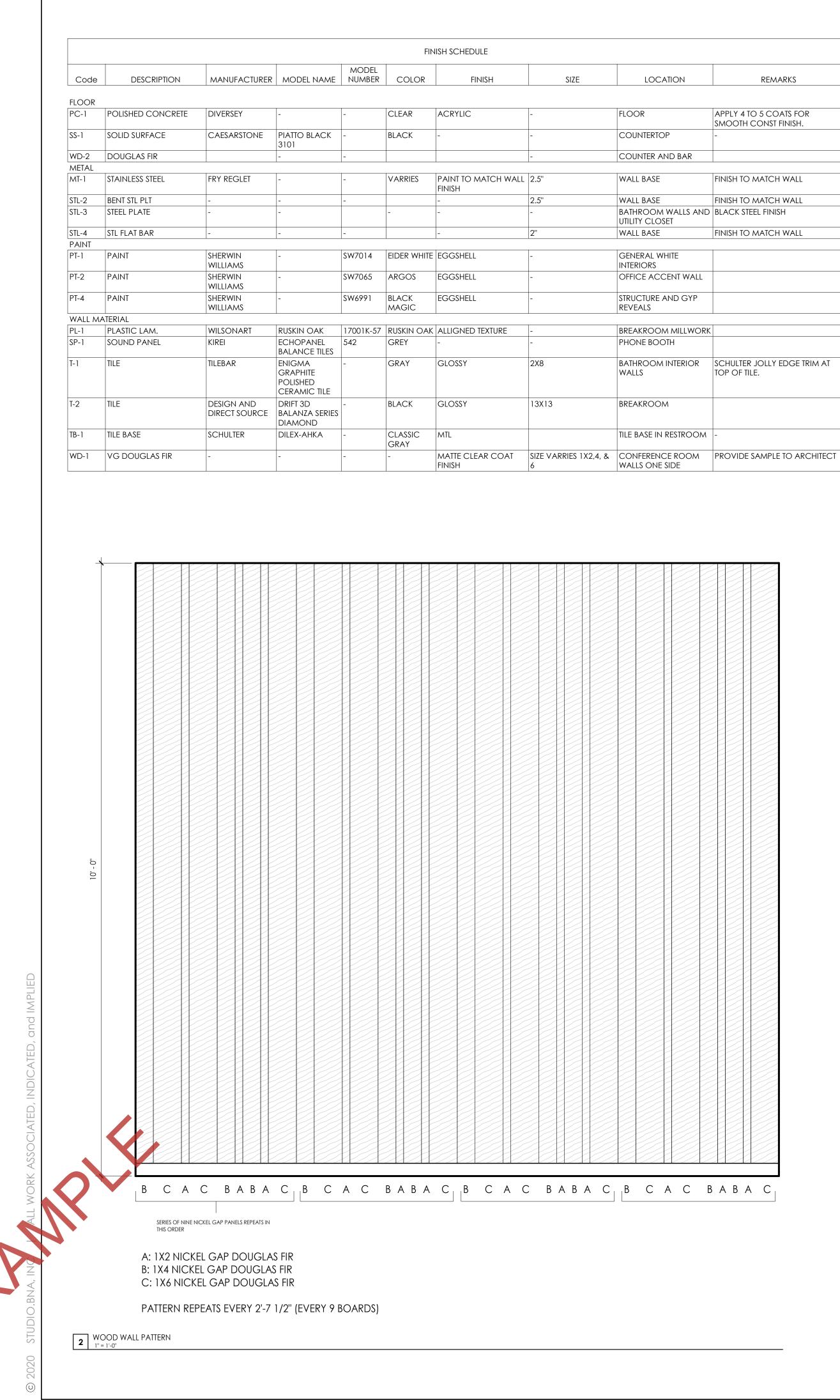
12.29.2020 Revision

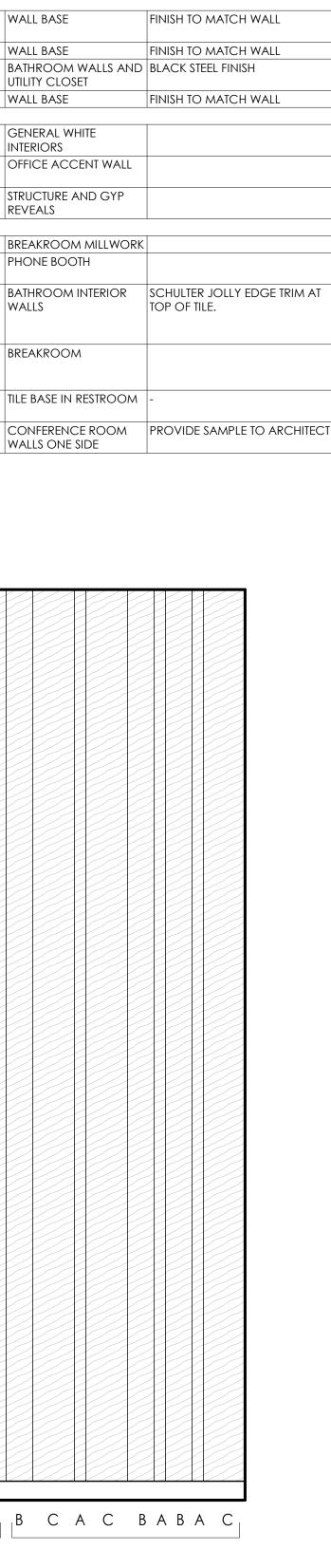
DATE

drawing: FRAMING PLAN

SHEET NO.







1 FLOOR PLAN FINISH 1/4" = 1'-0"

REMARKS

APPLY 4 TO 5 COATS FOR SMOOTH CONST FINISH.



KEYED NOTES

107 EXISTING MASONRY WALL. REPAIR TO MATCH EXISTING BRICK WHERE REQUIRED. CLEAN EXISTING MASONRY.



- ALL DIMENSIONS ARE FROM FACE OF STUD U.N.O. ALL DOORS SHALL BE " FROM ADJACENT WALL, U.N.O.
- ALL GUP WALLS TO PBE PAINTED PT-1, U.N.O.
- ALL GYP CEILINGS TO BE PAINTED PT-1, U.N.O. ALL RECEPTACLE AND SWITCH COVER PLATES COLOR
- SHALL MATCH ADJACENT WALL FINISH.
- REF. FINISH SCHEDULE FOR INTERIOR FINISHES. PREP ALL SURFACES AS REQUIRED TO RECEIVE FINAL
- FINISHES. PROVIDE BLOCKING IN PARTITION AS REQUIRED FOR
- ALL MOUNTED MILLWORK, SHELVING, AND EQUIPMENT. PAINT ALL EXPOSED STEEL STRUCTURE PT-4 BLACK



SHEET NO.



DATE

BRETT W. NAVE

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296 W BROAD ST

PROJECT LOCATION:

CONSTRUCTION DOCUMENT SET

CO-WORKING SPACE

Type Mark

EQ-01 EQ-02 EQ-03 EQ-8

Description 18" BAR HANDLE DISHWASHER ICE MACHINE UNDERCOUNTER FRIDGE MONITOR

EQUIPMENT SCHEDULE

Manufacturer	Model
OSCH	SPX5ES55UC
IAXX ICE	MIM50P PREMIUM COMPACT INDOOR ICE MAKER
AIER	HEBF100BXS - 150 CAN CAPACITY BEVERAGE CENTER
HOWN FOR REFERENCE ONLY	PROVIDED BY OWNER

50" MONITOR SHOWN FOR REFERENCE ONLY

Comments

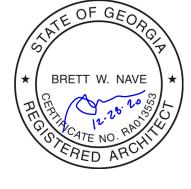
PLUMBING FIXTURE SCHEDULE Type Mark Manufacturer Comments Description Model 2401.128 COMPACT CADET 3 FLOWISE RIGHT HEIGHT ELONGATED TOILET AMERICAN STANDARD PL-1 ONE-PIECE TOILET WITH SEAT SE2424FM STAINLESS STEEL FLOOR PL-3 MOP SINK GSW MOUNT MOP SINK OFFICE RESTROOM SNK KOHLER VOX RECTANGLE ABOVE COUNTER PL-4 BATHROOM SINK K-2660-1 OFFICE RESTROOM FAUCET SLOAN EAF900-P CP SENSO ELECT FAUCET PL-5 VIGO VG02001 OFFICE BREAKROOM FAUCET PL-8 OFFICE BREAKROOM SINK KRAUS PAX ZERO RADIUS SERIES KHU32

		FURNITURE SCH	IEDULE	
Type Mark	Description	Manufacturer	Model	
FN-01	TASK CHAIR	ROOM AND BOARD	LIRA	FLINT CHAR
FN-02	LOUNGE CHAIR	Bernhardt Design	Весса	SLATE BLUE
FN-03	LOUNGE CHAIR	INDUSTRY WEST	CARMEL CHAIR	TANNED LE
FN-04	LOUNGE CHAIR	INDUSTRY WEST	CIRCA LOUNGE CHAIR	LIGHT GREY
FN-05	CONFERENCE	UHURU	SPLIT COMMUNAL	84"
FN-06	4 TOP WORK DESK	UHURU	FIXED BENCH DESK 4 TOP W/ DIVIDERS	GLASS DIVI
FN-07	COUCH	HIGHTOWER	Kona sectional	LIGHT GREY
FN-08	LOUNGE CHAIR	HIGHTOWER	Capri, Wood Legs	WHITE
FN-09	SIDE TABLE	ARTICLE	NARRO TERRAZZO DARK GREY SIDE TABLE	DARK GRAY
FN-10	LARGE CONFERENCE	UHURU	SPLIT COMMUNAL	120"
FN-11	COFFEE TABLE	BENT	STEEL COFFEE TABLE	4X4
FN-12	COFFEE TABLE	BENT	STEEL COFFEE TABLE	2X4
FN-13	RECEPTION DESK PARTITION	BENT	CUSTOM.	8X6X4
FN-14	CONFERENCE CONSOLE	VIESSO	MONLIT BLACK OAK CONSOLE	BLACK OAK
FN-15	OFFICE CREDENZA	VIESSO	LINGA BLACK FRAME SIDEBOARD	87"
FN-16	STOOL	BLUE DOT	READY STACKING COUNTER STOOL	BLACK
FN-17	OFFICE DESK	UHURU		
FN-18	SMALL OFFICE DESK	VIESSO	LAX WALL MOUNTED DESK	
FN-19	LOCKERS	NARBUTAS	(2) C4C184, (2) C4C185, (2) C4C186,(2)C4C187	BLACK CHC SYSTEM W/C









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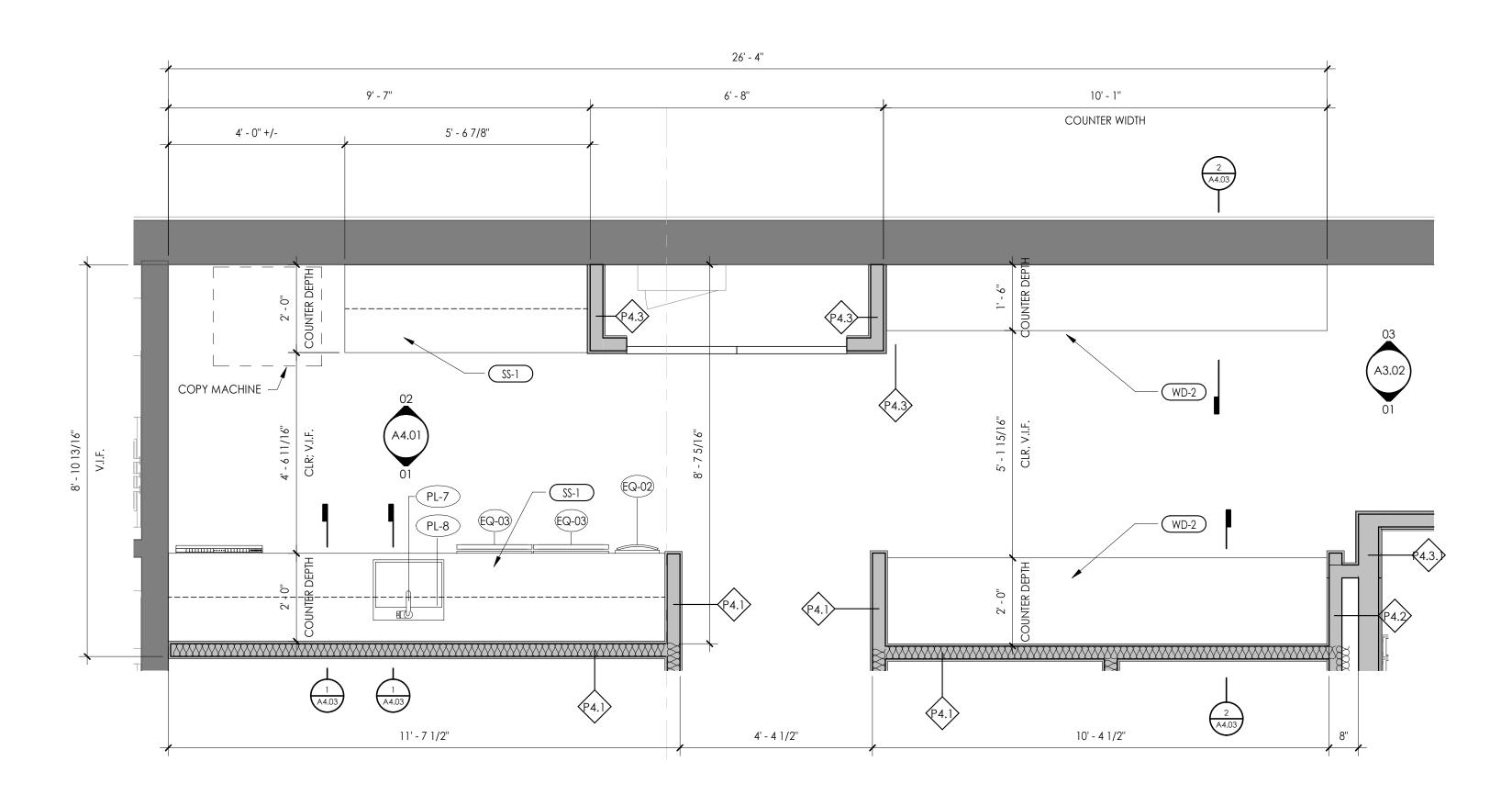
DRAWING: FURNISHING PLANS

SHEET NO.

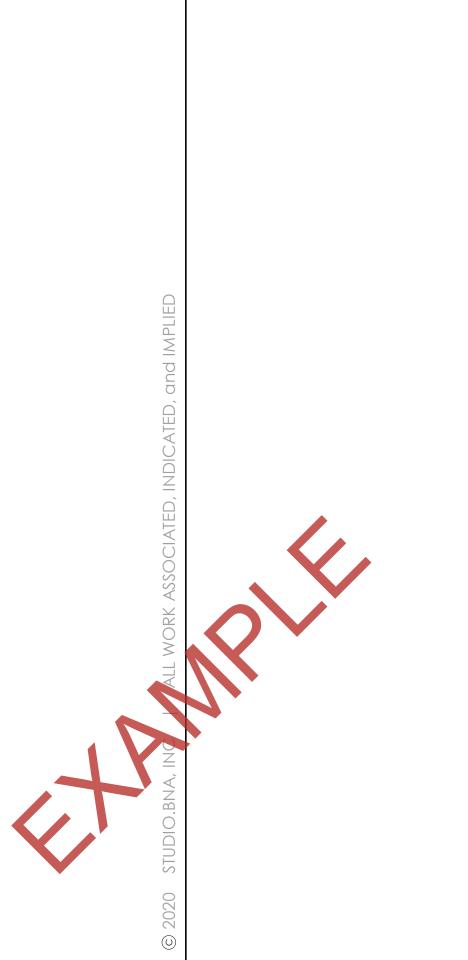


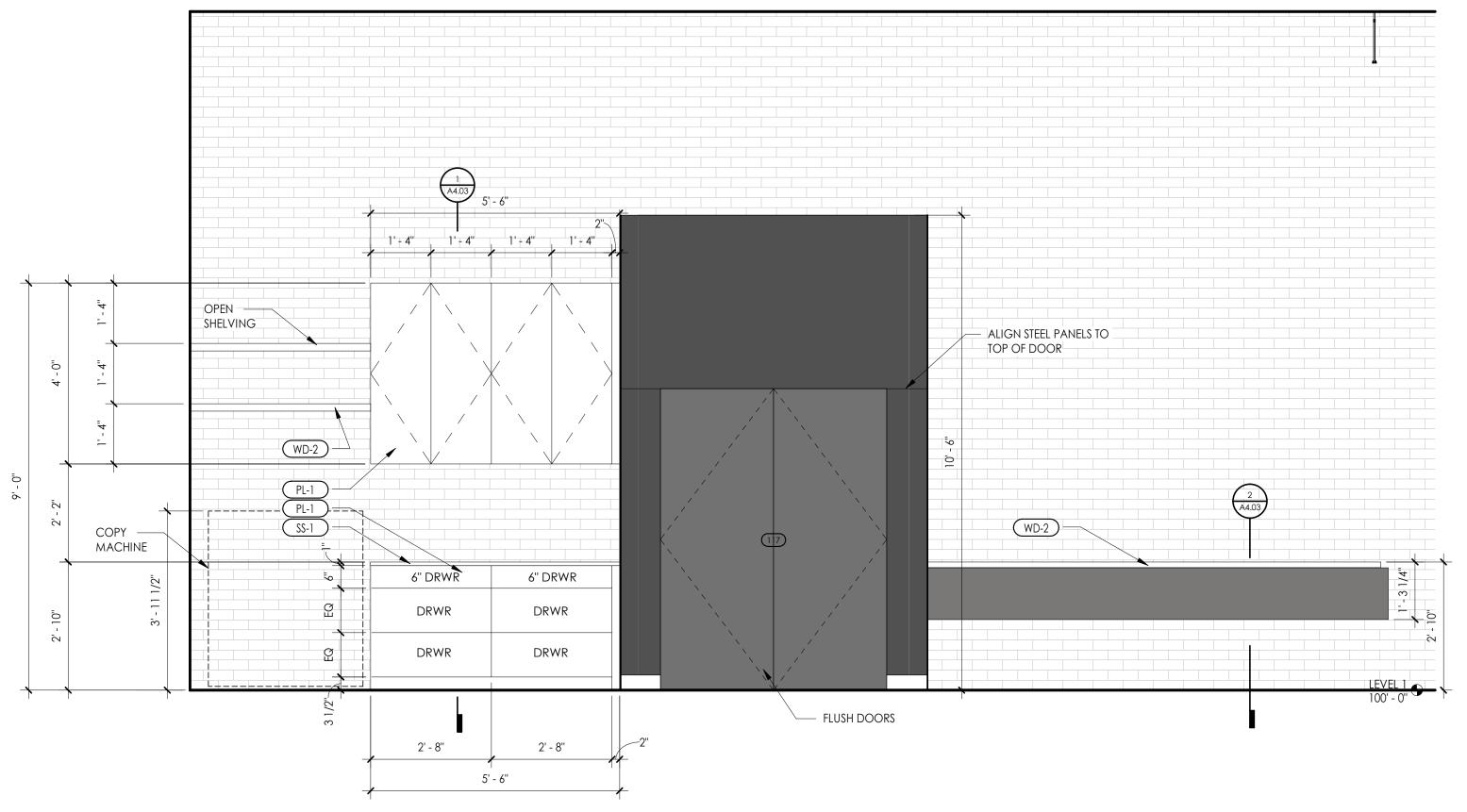




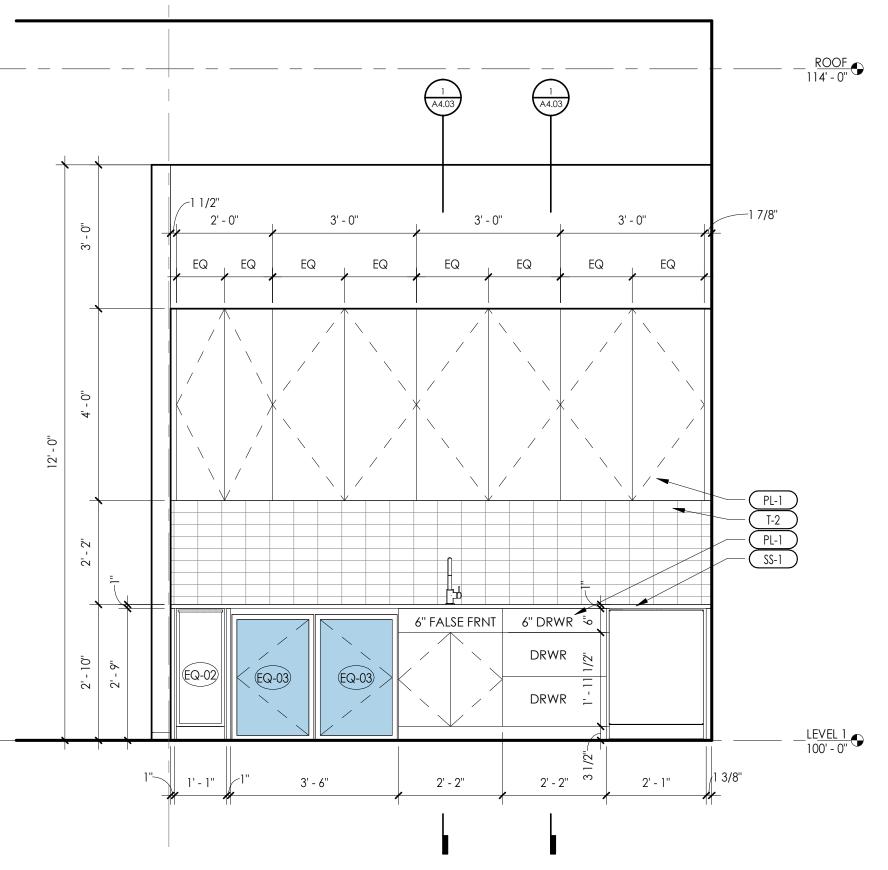


03 ENLARGED BREAK ROOM PLAN 1/2" = 1'-0"





02 NORTH BREAKROOM ELEVATION 1/2" = 1'-0"



01 SOUTH BREAKROOM ELEVATION 1/2" = 1'-0"

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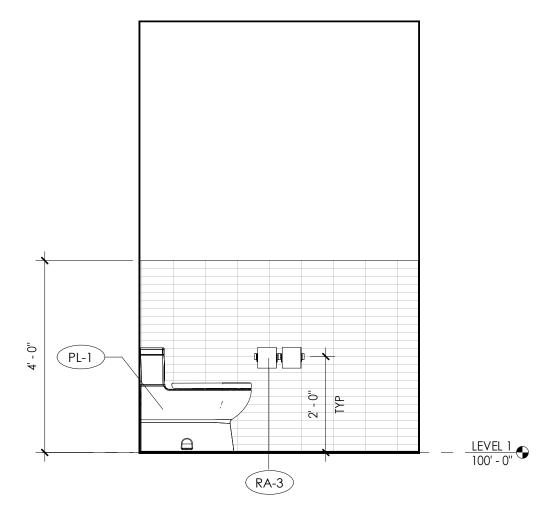
DATE

DRAWING:

ENLARGED BREAKROOM DRAWINGS



		RESTROOM A	CCESSORY SCHEDULE	
Type Mark	Description	Manufacturer	Model	Comment
RA-01	MIRROR	CB2	SKU: 116037	24"X36" INFINITY RECTANGULAR
RA-2	GRAB BARS	BOBRICK	B-6806X18, B-6806X36, B-6806-42	
RA-3	TOILET TISSUE HOLDER	BOBRICK	B-686	

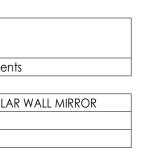


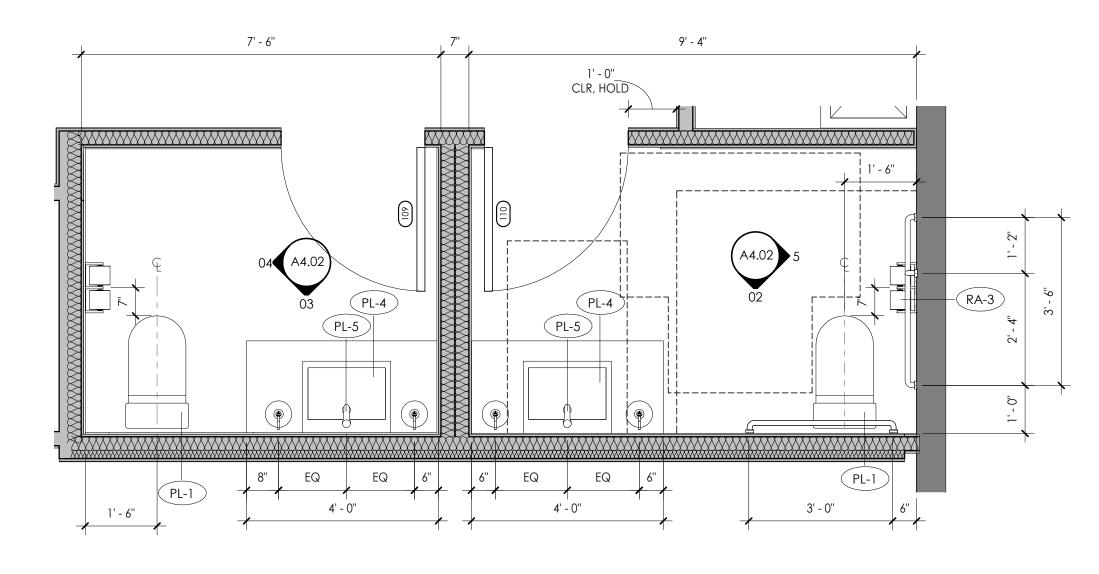


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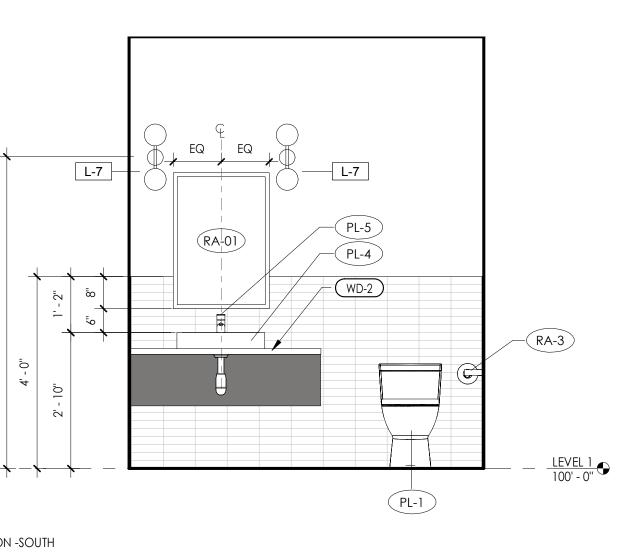
03 RESTROOM ELEVATION -SOUTH 1/2" = 1'-0"

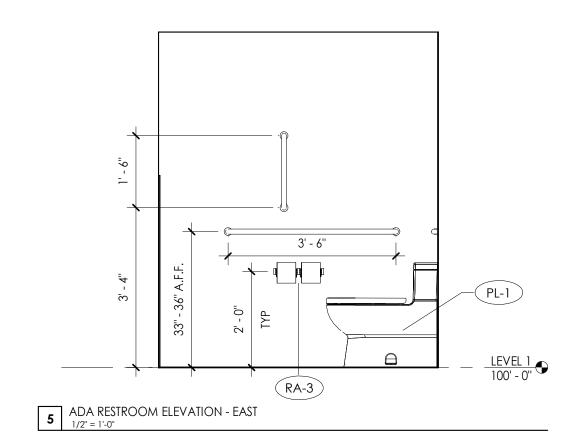
4' - 0"

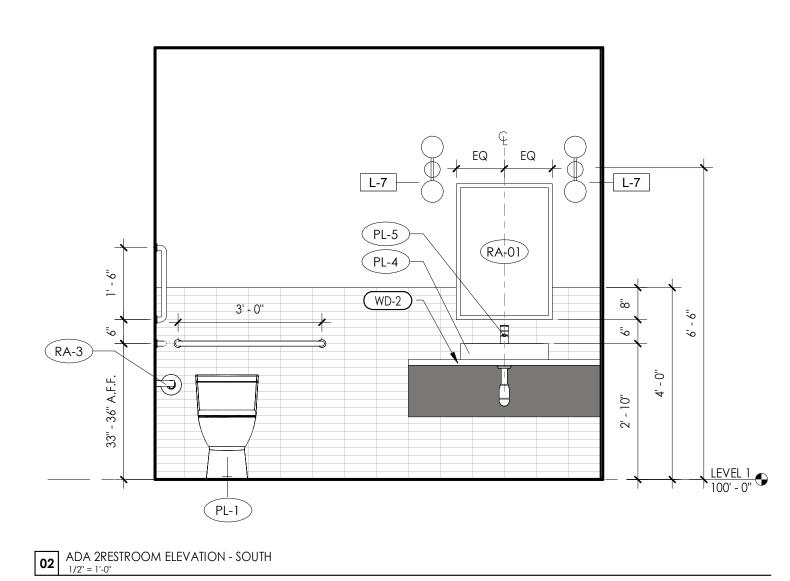


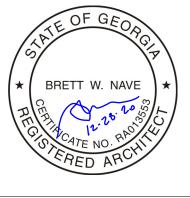


01 ENLARGED RESTROOM PLAN 1/2" = 1'-0"









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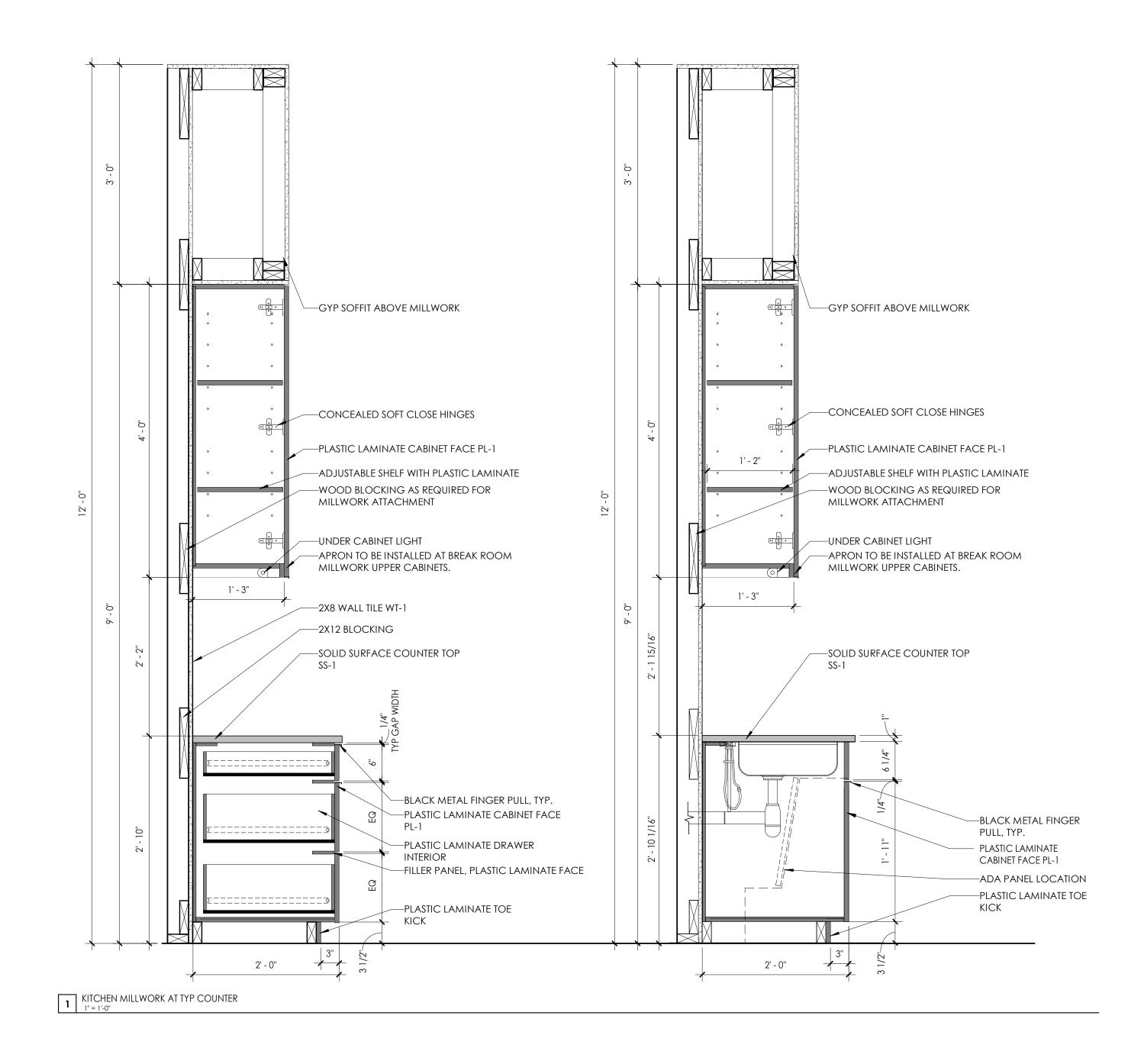
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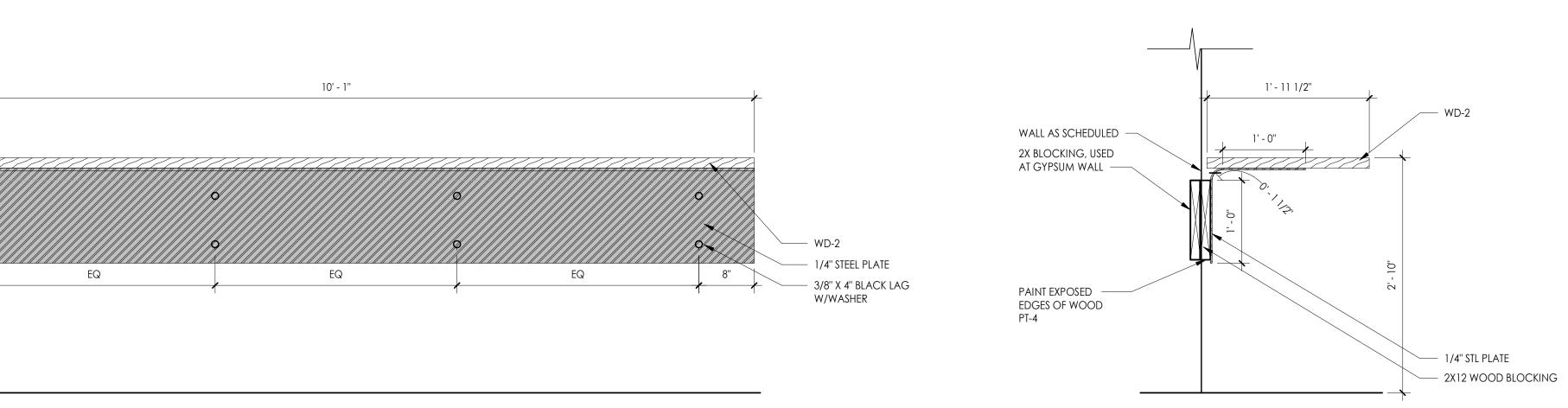


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ELEVATION

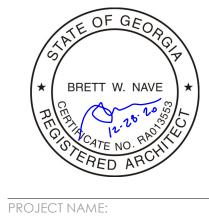
2 BAR COUNTER 1" = 1'-0"





Section

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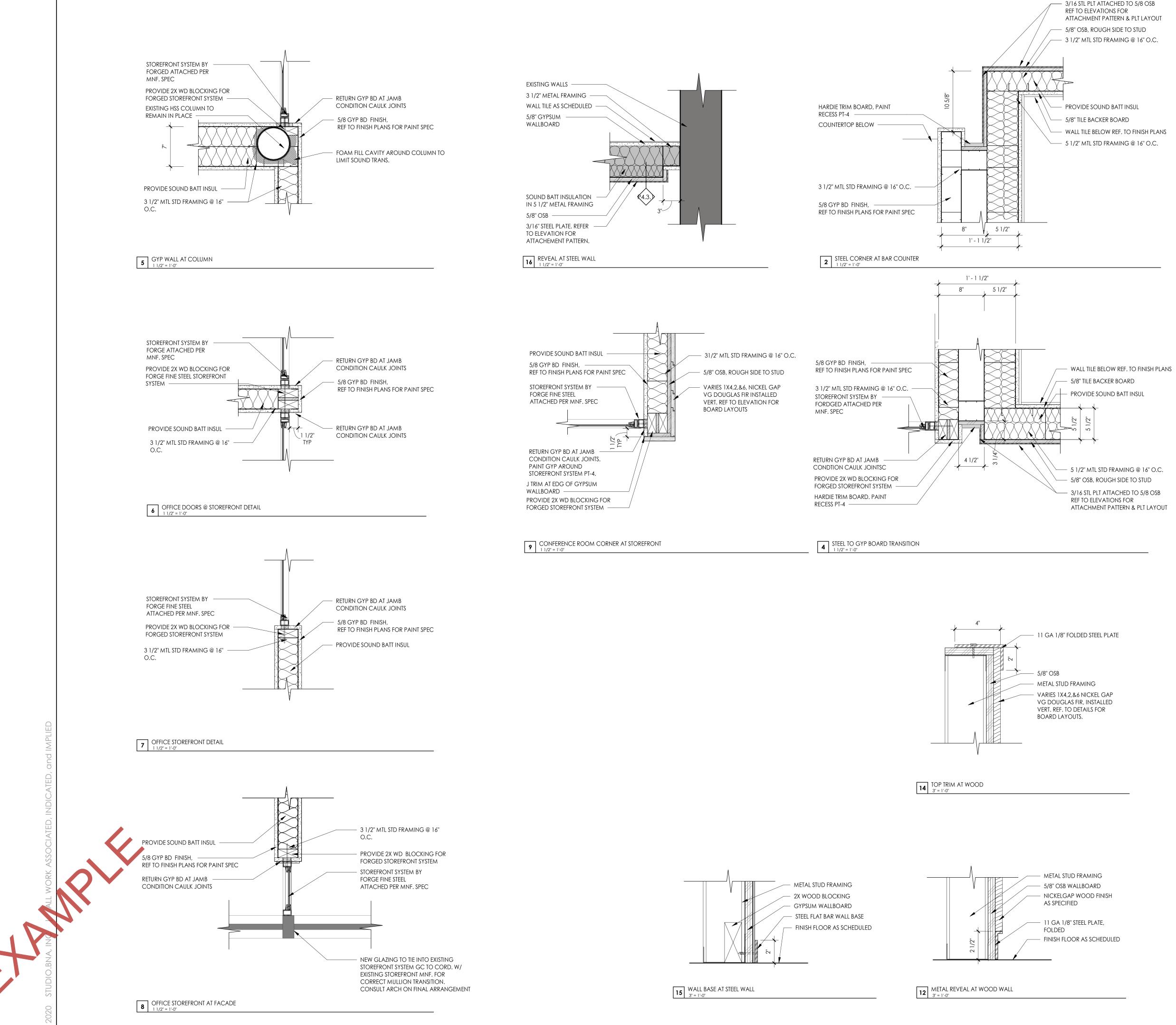
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drawing: MILLWORK DWGS

Sheet no.

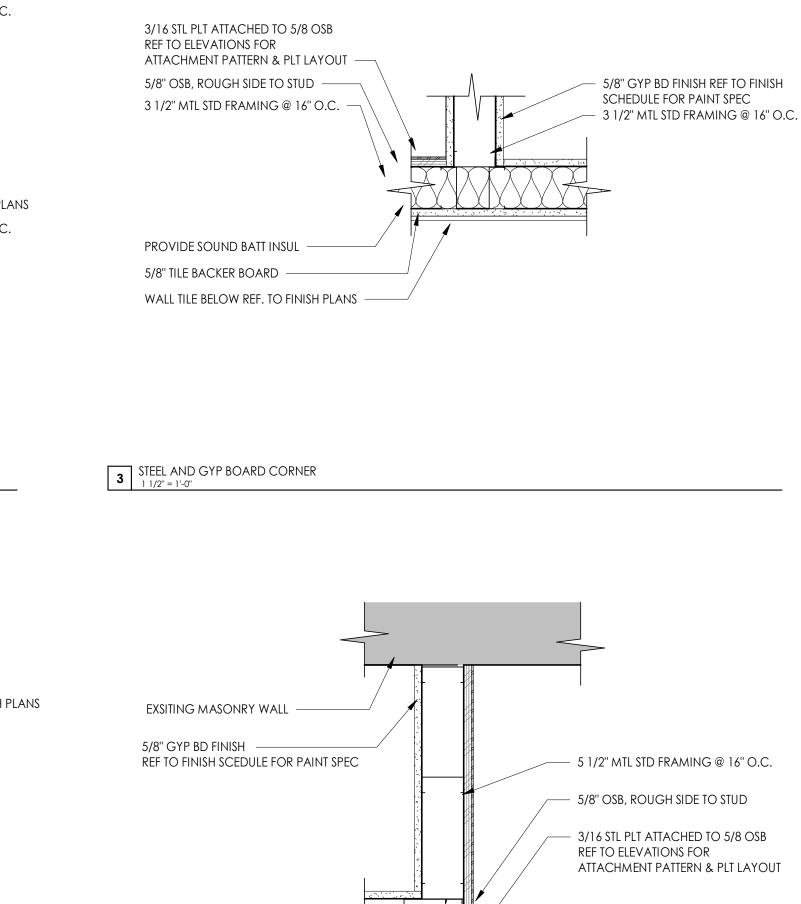




- FINISH FLOOR AS SCHEDULED

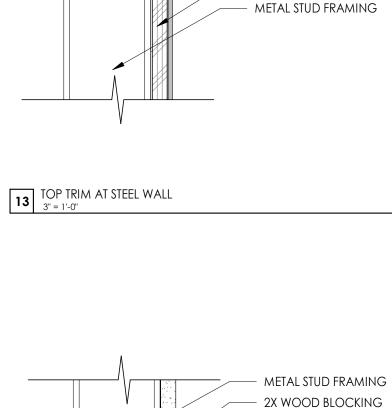
— 3/16 STL PLT ATTACHED TO 5/8 OSB ATTACHMENT PATTERN & PLT LAYOUT — 3 1/2" MTL STD FRAMING @ 16" O.C.

— WALL TILE BELOW REF. TO FINISH PLANS



— 5 1/2" MTL STD FRAMING @ 16" O.C. — 5/8" OSB, ROUGH SIDE TO STUD 3/16 STL PLT ATTACHED TO 5/8 OSB REF TO ELEVATIONS FOR ATTACHMENT PATTERN & PLT LAYOUT





- 2X WOOD BLOCKING - GYPSUM WALLBOARD - TAPE AND JOINT COMPOUND - FRY REGLET REVEAL BASE DRMB-625-250. FINISH FLOOR AS SCHEDULED

- 2X3 STL ANGLE

- 3/16" STEEL PLATE

- 5/8" OSB

11 METAL REVEAL AT GYPSUM WALL BASE

Ś BRETT W. NAVE

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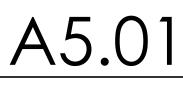
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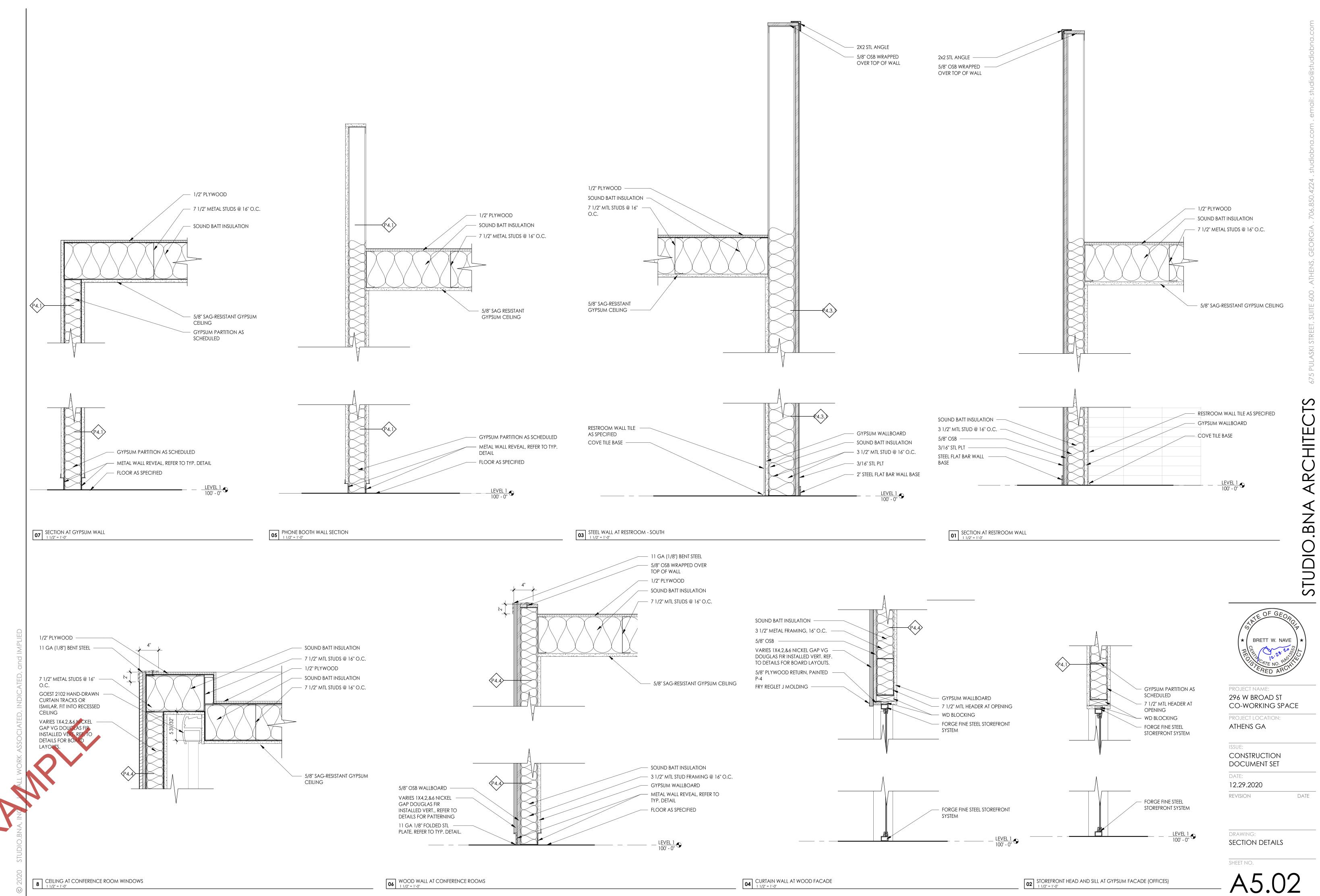
DATE: 12.29.2020 REVISION

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DRAWING: PLAN AND SECTION DETAILS SHEET NO.



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TAG			IS LEGEND		HVAC SYMB	
	DESCRIPTION	TAG	DESCRIPTION	SYMBOL	DESCRIPTION	
AC	AIR CONDITIONING	LAT	LEAVING AIR TEMPERATURE		EXHAUST GRILLE/REGISTER	
A/C	ABOVE CEILING	LB	POUND			╞
AFF	ABOVE FINISHED FLOOR	LRA			RETURN GRILLE	
AHRI	AIR-CONDITIONING, HEATING, & REFRIGERATION INSTITUTE					+
		MAT			SUPPLY DIFFUSER	
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MAU	MAKE-UP AIR UNIT			+
SHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATING, & AIR-CONDITIONING ENGINEERS	MAX MBH	MAXIMUM THOUSAND BRITISH THERMAL UNITS PER HOUR		SURFACE GRILLE/REGISTER	.
AUX	AUXILIARY	MIN	MINIMUM, MINUTE			╀
BDD	BACKDRAFT DAMPER	MOD			NEW MECHANICAL EQUIPMENT	
B/F	BELOW FLOOR	MTD	MOUNTED			╀
HP	BRAKE HORSEPOWER	MUA	MAKE-UP AIR		EXISTING MECHANICAL EQUIPMENT	
TU	BRITISH THERMAL UNIT	MVD	MANUAL VOLUME DAMPER			+
U/H	BRITISH THERMAL UNIT PER HOUR	NA	NOT APPLICABLE		RECTANGULAR DUCT TURNING UP	
	CEILING DIFFUSER, CONDENSATE DRAIN	NC	NORMALLY CLOSED			+
FH	CUBIC FEET PER HOUR	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION		RECTANGULAR DUCT TURNING DOWN	
CFM		NIC	NOT IN CONTRACT			+
	CLEANOUT	NO	NORMALLY OPEN, NUMBER	$ \otimes\rangle$	ROUND DUCT TURNING UP	
VC	CLEANOUT CHLORINATED POLYVINYL CHLORIDE	NPSH	NET POSITIVE SUCTION HEAD			+
R	CONDENSER RETURN	NTS	NOT TO SCALE		ROUND DUCT TURNING DOWN	\vdash
CS	CONDENSER SUPPLY	OA	OUTSIDE/OUTDOOR AIR	+		
,s .U	CONDENSER SUPPLY	OA		-		
CW	COLD WATER	OAT	OUTSIDE/OUTDOOR AIR TEMPERATURE	-		
	DRY BULB	OD	OUNCE	-		
	DRT BOLD	PD	PRESSURE DROP	-		
ISC	DISCONNECT	PROP	PROPELLER	-		
DP	DISCONNECT DEW POINT TEMPERATURE	PROP	PROPELLER PRESSURE REDUCING VALVE	-		
DF DWG	DRAWING	PSI	POUNDS PER SQUARE INCH	-		
EA	EXHAUST AIR, EACH	QTY	QUANTITY	-		
		RA	RETURN AIR	-		
EAT EER	ENERGY EFFICIENCY RATIO	RAG	RETURN AIR GRILLE	-		
				-		
EF	EXHAUST FAN ELECTRICAL	RAT RD	RETURN AIR TEMPERATURE ROOF DRAIN	-		
ER		RH		-		
-17	EXHAUST REGISTER	, KD		1		
RV				-		
	ENERGY RECOVERY VENTILATOR	REV	REVISION	-		
ESP	EXTERNAL STATIC PRESSURE	REV RL	REVISION REFRIGERANT LIQUID	-		_
SP VAP	EXTERNAL STATIC PRESSURE EVAPORATOR	REV RL RLA	REVISION REFRIGERANT LIQUID RATED LOAD AMPS	-	/	[
SP /AP WT	EXTERNAL STATIC PRESSURE EVAPORATOR ENTERING WATER TEMPERATURE	REV RL RLA RS	REVISION REFRIGERANT LIQUID RATED LOAD AMPS REFRIGERANT SUCTION	-	/	[
SP /AP WT KST	EXTERNAL STATIC PRESSURE EVAPORATOR ENTERING WATER TEMPERATURE EXISTING	REV RL RLA RS SA	REVISION REFRIGERANT LIQUID RATED LOAD AMPS REFRIGERANT SUCTION SUPPLY AIR			/
ESP VAP WT XST EXT	EXTERNAL STATIC PRESSURE EVAPORATOR ENTERING WATER TEMPERATURE EXISTING EXTERNAL	REV RL RLA RS SA SAT	REVISION REFRIGERANT LIQUID RATED LOAD AMPS REFRIGERANT SUCTION SUPPLY AIR SUPPLY AIR TEMPERATURE			
ESP EVAP EWT EXST EXT °F	EXTERNAL STATIC PRESSURE EVAPORATOR ENTERING WATER TEMPERATURE EXISTING EXTERNAL DEGREES FAHRENHEIT	REV RL RLA RS SA SAT SD	REVISION REFRIGERANT LIQUID RATED LOAD AMPS REFRIGERANT SUCTION SUPPLY AIR SUPPLY AIR TEMPERATURE SMOKE DAMPER			/
ESP VAP EWT XST EXT FD	EXTERNAL STATIC PRESSURE EVAPORATOR ENTERING WATER TEMPERATURE EXISTING EXTERNAL DEGREES FAHRENHEIT FLOOR DRAIN, FIRE DAMPER	REV RL RLA RS SA SAT SD SEC	REVISION REFRIGERANT LIQUID RATED LOAD AMPS REFRIGERANT SUCTION SUPPLY AIR SUPPLY AIR SUPPLY AIR TEMPERATURE SMOKE DAMPER SECONDS, SECONDARY			
ESP EVAP EWT EXST EXT FD FLA	EXTERNAL STATIC PRESSURE EVAPORATOR ENTERING WATER TEMPERATURE EXISTING EXTERNAL DEGREES FAHRENHEIT FLOOR DRAIN, FIRE DAMPER FULL LOAD AMPS	REV RL RLA RS SA SAT SD SEC SEER	REVISION REFRIGERANT LIQUID RATED LOAD AMPS REFRIGERANT SUCTION SUPPLY AIR SUPPLY AIR SUPPLY AIR TEMPERATURE SMOKE DAMPER SECONDS, SECONDARY SEASONAL ENERGY EFFICIENCY RATIO			
FD FLA FO	EXTERNAL STATIC PRESSURE EXTERNAL STATIC PRESSURE EVAPORATOR ENTERING WATER TEMPERATURE EXISTING EXTERNAL DEGREES FAHRENHEIT FLOOR DRAIN, FIRE DAMPER FULL LOAD AMPS FLAT OVAL	REV RL RLA RS SA SAT SD SEC	REVISION REFRIGERANT LIQUID RATED LOAD AMPS REFRIGERANT SUCTION SUPPLY AIR SUPPLY AIR SUPPLY AIR TEMPERATURE SMOKE DAMPER SECONDS, SECONDARY SEASONAL ENERGY EFFICIENCY RATIO SENSIBLE			
ESP VAP EWT EXST EXT FD FLA FO EPM	EXTERNAL STATIC PRESSURE EXAPORATOR ENTERING WATER TEMPERATURE EXISTING EXTERNAL DEGREES FAHRENHEIT FLOOR DRAIN, FIRE DAMPER FULL LOAD AMPS FLAT OVAL FEET PER MINUTE	REV RL RLA RS SA SAT SD SEC SEER	REVISION REFRIGERANT LIQUID RATED LOAD AMPS REFRIGERANT SUCTION SUPPLY AIR SUPPLY AIR SUPPLY AIR TEMPERATURE SMOKE DAMPER SECONDS, SECONDARY SEASONAL ENERGY EFFICIENCY RATIO			
ESP EVAP EWT EXST EXT FD FLA FO FPM FPS	EXTERNAL STATIC PRESSUREEXTERNAL STATIC PRESSUREEVAPORATORENTERING WATER TEMPERATUREEXISTINGEXISTINGEXTERNALDEGREES FAHRENHEITFLOOR DRAIN, FIRE DAMPERFULL LOAD AMPSFLAT OVALFEET PER MINUTEFEET PER SECOND	REV RL RLA RS SA SA SAT SD SEC SEER SENS SMACNA	REVISIONREFRIGERANT LIQUIDRATED LOAD AMPSREFRIGERANT SUCTIONSUPPLY AIRSUPPLY AIRSUPPLY AIR TEMPERATURESMOKE DAMPERSECONDS, SECONDARYSEASONAL ENERGY EFFICIENCY RATIOSENSIBLESHEET METAL & AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION			
ESP VAP EWT XST EXT FD FD FD FD FD FD FD FD FD FD FD FD FD	EXTERNAL STATIC PRESSUREEVAPORATORENTERING WATER TEMPERATUREEXISTINGEXISTINGEXTERNALDEGREES FAHRENHEITFLOOR DRAIN, FIRE DAMPERFULL LOAD AMPSFLAT OVALFEET PER MINUTEFEET PER SECONDFIRE/SMOKE DAMPER	REV RL RLA RS SA SAT SD SEC SEER SENS SMACNA SP	REVISIONREFRIGERANT LIQUIDRATED LOAD AMPSREFRIGERANT SUCTIONSUPPLY AIRSUPPLY AIRSUPPLY AIR TEMPERATURESMOKE DAMPERSECONDS, SECONDARYSEASONAL ENERGY EFFICIENCY RATIOSHEET METAL & AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATIONSTATIC PRESSURE		8' MAX —	
ESP VAP EWT EXST EXT FD FD FLA FO FPM EPS ESD FT	EXTERNAL STATIC PRESSUREEVAPORATORENTERING WATER TEMPERATUREEXISTINGEXISTINGEXTERNALDEGREES FAHRENHEITFLOOR DRAIN, FIRE DAMPERFULL LOAD AMPSFLAT OVALFEET PER MINUTEFEET PER SECONDFIRE/SMOKE DAMPERFOOT, FEET	REV RL RLA RS SA SAT SD SEC SEER SENS SMACNA SP SPEC	REVISIONREFRIGERANT LIQUIDRATED LOAD AMPSREFRIGERANT SUCTIONSUPPLY AIRSUPPLY AIR TEMPERATURESMOKE DAMPERSECONDS, SECONDARYSEASONAL ENERGY EFFICIENCY RATIOSENSIBLESHEET METAL & AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATIONSTATIC PRESSURESPECIFICATION		MANUF	
SP VAP XST EXT FD FLA FO FD FLA FO FD FD FT SD FT GA	EXTERNAL STATIC PRESSUREEVAPORATORENTERING WATER TEMPERATUREEXISTINGEXTERNALDEGREES FAHRENHEITFLOOR DRAIN, FIRE DAMPERFULL LOAD AMPSFLAT OVALFEET PER MINUTEFEET PER SECONDFIRE/SMOKE DAMPERFOOT, FEETGAUGE	REV RL RLA RS SA SAT SD SEC SEER SENS SENS SMACNA SP SPEC SQ. FT	REVISIONREFRIGERANT LIQUIDRATED LOAD AMPSREFRIGERANT SUCTIONSUPPLY AIRSUPPLY AIR TEMPERATURESMOKE DAMPERSECONDS, SECONDARYSEASONAL ENERGY EFFICIENCY RATIOSENSIBLESHEET METAL & AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATIONSTATIC PRESSURESPECIFICATIONSQUARE FEET		•	
ESP VAP EWT EXT FD FD FLA FO FD FD FD FD FD FD FD FD FD FD FD FD FD	EXTERNAL STATIC PRESSUREEXTERNAL STATIC PRESSUREEVAPORATORENTERING WATER TEMPERATUREEXISTINGEXTERNALDEGREES FAHRENHEITFLOOR DRAIN, FIRE DAMPERFULL LOAD AMPSFLAT OVALFEET PER MINUTEFEET PER SECONDFIRE/SMOKE DAMPERFOOT, FEETGAUGEGROUND	REV RL RLA RS SA SAT SD SEC SEER SENS SENS SMACNA SP SPEC SQ. FT STD	REVISIONREFRIGERANT LIQUIDRATED LOAD AMPSREFRIGERANT SUCTIONSUPPLY AIRSUPPLY AIR TEMPERATURESMOKE DAMPERSECONDS, SECONDARYSEASONAL ENERGY EFFICIENCY RATIOSENSIBLESHEET METAL & AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATIONSTATIC PRESSURESPECIFICATIONSQUARE FEETSTANDARD		MANUF	
ESP VAP EWT XST EXT FD FD FLA FO FD FD FD FD FD FD FD FD FD FD FD FD FD	EXTERNAL STATIC PRESSUREEXTERNAL STATIC PRESSUREEVAPORATORENTERING WATER TEMPERATUREEXISTINGEXISTINGEXTERNALDEGREES FAHRENHEITFLOOR DRAIN, FIRE DAMPERFULL LOAD AMPSFLAT OVALFEET PER MINUTEFEET PER SECONDFIRE/SMOKE DAMPERFOOT, FEETGAUGEGROUNDGALLONS PER MINUTE	REV RL RLA RS SA SAT SD SEC SER SENS SENS SMACNA SP SPEC SQ. FT STD TEMP	REVISIONREFRIGERANT LIQUIDRATED LOAD AMPSREFRIGERANT SUCTIONSUPPLY AIRSUPPLY AIR TEMPERATURESMOKE DAMPERSECONDS, SECONDARYSEASONAL ENERGY EFFICIENCY RATIOSENSIBLESHEET METAL & AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATIONSTATIC PRESSURESPECIFICATIONSQUARE FEETSTANDARDTEMPERATURE		MANUF WITH L	OC
ESP EVAP EWT EXT FD FLA FO FD FD FD FD FD FD FD FD FD FD	EXTERNAL STATIC PRESSUREEXTERNAL STATIC PRESSUREEVAPORATORENTERING WATER TEMPERATUREEXISTINGEXISTINGEXTERNALDEGREES FAHRENHEITFLOOR DRAIN, FIRE DAMPERFULL LOAD AMPSFLAT OVALFEET PER MINUTEFEET PER SECONDFIRE/SMOKE DAMPERFOOT, FEETGAUGEGROUNDGALLONS PER MINUTEGRAIN	REV RL RLA RS SA SAT SD SEC SERS SENS SMACNA SP SPEC SQ. FT STD TEMP UH	REVISIONREFRIGERANT LIQUIDRATED LOAD AMPSREFRIGERANT SUCTIONSUPPLY AIRSUPPLY AIR TEMPERATURESMOKE DAMPERSECONDS, SECONDARYSEASONAL ENERGY EFFICIENCY RATIOSENSIBLESHEET METAL & AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATIONSTATIC PRESSURESPECIFICATIONSQUARE FEETSTANDARDTEMPERATUREUNIT HEATER			
SP VAP XST XST FD FD FLA FO FD FLA FO FD FT SD FT GA SPM GR HD	EXTERNAL STATIC PRESSUREEXTERNAL STATIC PRESSUREEVAPORATORENTERING WATER TEMPERATUREEXISTINGEXISTINGEXTERNALDEGREES FAHRENHEITFLOOR DRAIN, FIRE DAMPERFULL LOAD AMPSFLAT OVALFEET PER MINUTEFEET PER SECONDFIRE/SMOKE DAMPERFOOT, FEETGAUGEGROUNDGALLONS PER MINUTEGRAINHEAD	REV RL RLA RS SA SAT SD SEC SERS SENS SMACNA SP SPEC SQ. FT STD TEMP UH V	REVISIONREFRIGERANT LIQUIDRATED LOAD AMPSREFRIGERANT SUCTIONSUPPLY AIRSUPPLY AIRSMOKE DAMPERSECONDS, SECONDARYSEASONAL ENERGY EFFICIENCY RATIOSENSIBLESHEET METAL & AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATIONSTATIC PRESSURESPECIFICATIONSQUARE FEETSTANDARDTEMPERATUREUNIT HEATERVENT, VOLT, VOLUME		MANUF WITH L	
ESP VAP EWT EXT FD FLA FD FLA FO FPM FD FPS FT GA GR GR HD HP	EXTERNAL STATIC PRESSUREEXAPORATORENTERING WATER TEMPERATUREEXISTINGEXISTINGEXTERNALDEGREES FAHRENHEITFLOOR DRAIN, FIRE DAMPERFULL LOAD AMPSFLAT OVALFEET PER MINUTEFEET PER SECONDFIRE/SMOKE DAMPERFOOT, FEETGAUGEGROUNDGRAINHEADHORSEPOWER, HEAT PUMP	REV RL RLA RS SA SAT SD SEC SERS SENS SMACNA SP SPEC SQ. FT STD TEMP UH V V	REVISIONREFRIGERANT LIQUIDRATED LOAD AMPSREFRIGERANT SUCTIONSUPPLY AIRSUPPLY AIR TEMPERATURESMOKE DAMPERSECONDS, SECONDARYSEASONAL ENERGY EFFICIENCY RATIOSENSIBLESHEET METAL & AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATIONSTATIC PRESSURESPECIFICATIONSQUARE FEETSTANDARDTEMPERATUREUNIT HEATERVENT, VOLT, VOLUMEVARIABLE AIR VOLUME			
SP VAP WT XST FD FD FLA FO FD FT SD FT GA SND GR HD HP HR	EXTERNAL STATIC PRESSUREEXTERNAL STATIC PRESSUREEVAPORATORENTERING WATER TEMPERATUREEXISTINGEXTERNALDEGREES FAHRENHEITFLOOR DRAIN, FIRE DAMPERFULL LOAD AMPSFLAT OVALFEET PER MINUTEFEET PER SECONDFIRE/SMOKE DAMPERFOOT, FEETGAUGEGROUNDGALLONS PER MINUTEGRAINHEADHOUR	REV RL RLA RS SA SAT SD SEC SERS SENS SMACNA SP SPEC SQ. FT STD TEMP UH V VAV VAV	REVISIONREFRIGERANT LIQUIDRATED LOAD AMPSREFRIGERANT SUCTIONSUPPLY AIRSUPPLY AIR TEMPERATURESMOKE DAMPERSECONDS, SECONDARYSEASONAL ENERGY EFFICIENCY RATIOSENSIBLESHEET METAL & AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATIONSTATIC PRESSURESPECIFICATIONSQUARE FEETSTANDARDTEMPERATUREUNIT HEATERVENT, VOLT, VOLUMEVARIABLE AIR VOLUMEVELOCITY			
SP VAP WT XST FD FD FLA FO FD FT SD FT GA GR GR HD HP HR HW	EXTERNAL STATIC PRESSUREEXTERNAL STATIC PRESSUREEVAPORATORENTERING WATER TEMPERATUREEXISTINGEXTERNALDEGREES FAHRENHEITFLOOR DRAIN, FIRE DAMPERFULL LOAD AMPSFLAT OVALFEET PER MINUTEFEET PER SECONDFIRE/SMOKE DAMPERFOOT, FEETGAUGEGROUNDGALLONS PER MINUTEGRAINHEADHOURHOURHOURHOT WATER	REV RL RLA RS SA SAT SD SEC SER SENS SMACNA SP SPEC SQ. FT STD TEMP UH V UH V VAV VAV VEL	REVISIONREFRIGERANT LIQUIDRATED LOAD AMPSREFRIGERANT SUCTIONSUPPLY AIRSUPPLY AIR TEMPERATURESMOKE DAMPERSECONDS, SECONDARYSEASONAL ENERGY EFFICIENCY RATIOSENSIBLESHEET METAL & AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATIONSTATIC PRESSURESPECIFICATIONSQUARE FEETSTANDARDTEMPERATUREUNIT HEATERVENT, VOLT, VOLUMEVARIABLE AIR VOLUMEVELOCITYVERTICAL			
ESP VAP EWT EXT FD FLA FD FLA FO FPM FR FD FR FR GA GR GR HD GR HD HP HR HR HW HZ	EXTERNAL STATIC PRESSUREEVAPORATORENTERING WATER TEMPERATUREEXISTINGEXTERNALDEGREES FAHRENHEITFLOOR DRAIN, FIRE DAMPERFULL LOAD AMPSFLAT OVALFEET PER MINUTEFEET PER SECONDFIRE/SMOKE DAMPERFOOT, FEETGAUGEGROUNDGALLONS PER MINUTEGRAINHEADHOURHOURHOT WATERHERTZ	REV RL RLA RS SA SAT SD SEC SER SENS SMACNA SP SPEC SQ. FT STD TEMP UH V VAV VAV VAV VEL VERT	REVISIONREFRIGERANT LIQUIDRATED LOAD AMPSREFRIGERANT SUCTIONSUPPLY AIRSUPPLY AIR TEMPERATURESMOKE DAMPERSECONDS, SECONDARYSEASONAL ENERGY EFFICIENCY RATIOSENSIBLESHEET METAL & AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATIONSTATIC PRESSURESPECIFICATIONSQUARE FEETSTANDARDTEMPERATUREUNIT HEATERVENT, VOLT, VOLUMEVARIABLE AIR VOLUMEVERTICALVARIABLE FREQUENCY DRIVE			
ESP EXAP EWT EXT FD FD FLA FD FD FD FD FD FD FD FD FD FD FD FD FD	EXTERNAL STATIC PRESSUREEVAPORATORENTERING WATER TEMPERATUREEXISTINGEXISTINGEXTERNALDEGREES FAHRENHEITFLOOR DRAIN, FIRE DAMPERFULL LOAD AMPSFLAT OVALFEET PER MINUTEFEET PER SECONDFIRE/SMOKE DAMPERGOUNDGAUGEGROUNDGALLONS PER MINUTEGRAINHEADHOURHOURHOURHERTZINSIDE DIAMETER	REV RL RLA RS SA SAT SD SEC SER SENS SMACNA SP SPEC SQ. FT STD TEMP UH V VAV VAV VAV VAV VAV	REVISIONREFRIGERANT LIQUIDRATED LOAD AMPSREFRIGERANT SUCTIONSUPPLY AIRSUPPLY AIR TEMPERATURESMOKE DAMPERSECONDS, SECONDARYSEASONAL ENERGY EFFICIENCY RATIOSENSIBLESHEET METAL & AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATIONSTATIC PRESSURESPECIFICATIONSQUARE FEETSTANDARDTEMPERATUREUNIT HEATERVENT, VOLT, VOLUMEVARIABLE AIR VOLUMEVELOCITYVERTICALVARIABLE FREQUENCY DRIVEWATT, WIDTH, WIDE			
ESP EVAP EWT EXST EXT FD FD FLA FO FPM FPS FSD FT GA GND GR GND GR HD HP HR HP HR HW	EXTERNAL STATIC PRESSUREEVAPORATORENTERING WATER TEMPERATUREEXISTINGEXTERNALDEGREES FAHRENHEITFLOOR DRAIN, FIRE DAMPERFULL LOAD AMPSFLAT OVALFEET PER MINUTEFEET PER SECONDFIRE/SMOKE DAMPERFOOT, FEETGAUGEGROUNDGALLONS PER MINUTEGRAINHEADHOURHOURHOT WATERHERTZ	REV RL RLA RS SA SAT SD SEC SER SENS SMACNA SP SPEC SQ. FT STD TEMP UH V VAV VAV VAV VEL VERT	REVISIONREFRIGERANT LIQUIDRATED LOAD AMPSREFRIGERANT SUCTIONSUPPLY AIRSUPPLY AIR TEMPERATURESMOKE DAMPERSECONDS, SECONDARYSEASONAL ENERGY EFFICIENCY RATIOSENSIBLESHEET METAL & AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATIONSTATIC PRESSURESPECIFICATIONSQUARE FEETSTANDARDTEMPERATUREUNIT HEATERVENT, VOLT, VOLUMEVARIABLE AIR VOLUMEVERTICALVARIABLE FREQUENCY DRIVE			

LINED SHEET METAL SUPPLY & **RETURN PLENUMS. PLENUMS** SHALL BE SUPPORTED BY STRUCTURE. SEE FLOOR PLAN FOR CONTINUATION.

PROVIDE ADAPTER

EXISTING

CURB TO FIT NEW UNIT

IN SAME LOCATION AS

EXISTING ROOF CURB -

/MB(OLS L	EGEND
N	SYMBOL	DESCRIPTION
GISTER		MITERED ELBOW WITH TURNING VANES
		SHORT RADIUS ELBOW
	•	FIRE DAMPER INSTALLED IN VERTICAL DUCT
GISTER		FIRE DAMPER INSTALLED IN HORIZONTAL DUCT
	M—	MOTOR OPERATED DAMPER
AL	B	BACKDRAFT DAMPER
	5	DUCT MTD SMOKE DETECTOR
		MANUAL VOLUME DAMPER
IG UP	-\>	AIRFLOW DIRECTION ARROW
IG DOWN		REVISION TAG
ie bound	1	KEYNOTE TAG

GENERAL NOTES

- . ROUND DUCT BRANCHES SERVING DIFFUSERS SHALL BE SIZED TO MATCH THE DIFFUSER CONNECTION SIZE OR AS INDICATED ON FLOOR PLAN. TAPS FROM THE MAIN DUCT SHALL BE MADE WITH SPIN-IN FITTINGS COMPLETE WITH SCOOP AND LOCKING DAMPER. FLEX DUCT SUPPORTS SHALL BE NO MORE THAN 48" APART TO PREVENT ANY SAGS OR KINKS. FLEX DUCT SHALL NOT BE SUPPORTED BY CONDUITS, PIPING OR CEILING GRID.
- 2. ALL RETURN AIR AND TRANSFER AIR DUCTS SHALL BE LINED WITH 1" THICK DUCT LINER. ALL SUPPLY & OUTSIDE AIR DUCTWORK SHALL BE WRAPPED WITH R-6 FOIL BACKED INSULATION.
- 3. ALL LOW VOLTAGE CONTROL WIRING SHALL BE INSTALLED AND WIRED TO EQUIPMENT AS A PART OF THIS CONTRACT.

SPECIFICATIONS:

SECTION 230100 - GENERAL: A. GENERAL

- 1. CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, TOOLS AND LABOR NECESSARY TO PROVIDE A COMPLETE MECHANICAL SYSTEM COMPLIANT WITH ALL REQUIRED CODES & STANDARDS.
- 2. DRAWINGS ARE SCHEMATIC IN NATURE AND SHALL NOT BE SCALED.
- 3. ALL REQUIRED PERMITS & INSPECTIONS SHALL BE SECURED & PAID FOR UNDER THIS CONTRACT. INSPECTION CERTIFICATIONS SHALL BE PROVIDED TO THE OWNER.
- 4. CONTRACTOR SHALL VISIT THE SITE TO THOROUGHLY EXAMINE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. IF EXISTING CONDITIONS DIFFER FROM DESIGN DOCUMENTS IN SUCH A MANNER THAT AFFECTS PRICING, THE CONTRACTOR SHALL ADJUST THE BID ACCORDINGLY AND NOTIFY THE OWNER & ENGINEER PRIOR TO SUBMITTING THE BID. NO ALLOWANCES WILL BE MADE FOR LACK OF KNOWLEDGE REGARDING THE EXISTING CONDITIONS.
- B. VIBRATION ISOLATION
- 1. VIBRATION ISOLATION SHALL BE PROVIDED FOR ALL MOTOR DRIVEN EQUIPMENT SUSPENDED FROM STRUCTURE OR MOUNTED ON FLOOR. VIBRATION ISOLATORS SHALL BE SIZED PER EQUIPMENT MANUFACTURER'S REQUIREMENTS.
- C. IDENTIFICATION
- 1. PERMANENT BAKELITE TAGS WITH 1" TALL LETTERS SHALL BE PROVIDED FOR ALL EQUIPMENT. EQUIPMENT NUMBERING SHALL MATCH BUILDING STANDARDS.
- D. STARTERS 1. ALL MOTORS SHALL BE PROVIDED WITH MAGNETIC MOTOR STARTERS WITH OVERLOAD PROTECTION.
- 2. STARTERS SHALL BE PROVIDED WITH HAND-OFF-AUTO SWITCHES.
- 3. INDOOR MOTOR STARTERS SHALL BE FURNISHED WITHIN A NEMA 1 ENCLOSURE.
- 4. OUTDOOR MOTOR STARTERS SHALL BE FURNISHED WITHIN A NEMA 3R ENCLOSURE.
- E. SUBMITTALS & SHOP DRAWINGS
- 1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS & PRODUCT DATA FOR ALL MECHANICAL EQUIPMENT & SYSTEMS TO BE PROVIDED AND/OR INSTALLED.
- F. SUBSTITUTE MANUFACTURERS
- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION & COST OF ALL CHANGES REQUIRED FOR INSTALLATION OF EQUIPMENT & PRODUCTS MANUFACTURED BY THOSE OTHER THAN WHAT IS SPECIFIED IN THE CONTRACT DOCUMENTS.
- 2. CAREFULLY COORDINATE SUBSTITUTE MANUFACTURER'S INSTALLATION REQUIREMENTS

WITH ALL OTHER TRADES INCLUDING BUT NOT LIMITED TO STRUCTURE, ELECTRICAL, PLUMBING AND ARCHITECTURAL. ALL INSTALLATION COSTS ASSOCIATED WITH INSTALLATION OF SUBSTITUTE MANUFACTURER SHALL BE INCLUDED IN BID. NO ALLOWANCES SHALL BE GIVEN FOR CHANGES ASSOCIATED WITH INSTALLATION OF SUBSTITUTE EQUIPMENT & SYSTEMS.

- 3. LISTING OF A MANUFACTURER AS AN "EQUAL" DOES NOT RELIEVE CONTRACTOR'S RESPONSIBILITY OF COORDINATION & COST ASSOCIATED WITH CHANGES REQUIRED TO OTHER TRADES.
- G. WARRANTY
- 1. CONTRACTOR SHALL WARRANT ALL EQUIPMENT, MATERIALS AND WORKMANSHIP FOR A SECTION 238000 DUCTWORK: PERIOD OF NOT LESS THAN ONE (1) YEAR.
- YEARS. H. AS-BUILT DRAWINGS
- CONTRACTOR SHALL KEEP REDLINE SET OF DRAWINGS ON SITE DURING CONSTRUCTION TO UPDATE LOCATION OF ALL EQUIPMENT AND SYSTEMS AS THE CONSTRUCTION PROGRESSES. REDLINE SET OF DRAWINGS SHALL BE TURNED OVER TO OWNER AT COMPLETION OF CONSTRUCTION.
- I. OPERATION & MAINTENANCE MANUALS 1. CONTRACTOR SHALL PROVIDE AN ELECTRONIC SET AND ONE (1) SET OF HARD COPIES OF INSTALLATION AND MAINTENANCE MANUALS FOR ALL EQUIPMENT & SYSTEMS PROVIDED UNDER THIS CONTRACT.
- J. INSTRUCTION
- H. SMOKE DAMPERS SHALL BE UL LISTED. DAMPERS SHALL CLOSE UPON DETECTION OF SMOKE 1. CONTRACTOR SHALL THOROUGHLY INSTRUCT OWNER ON OPERATION AND OR UPON POWER FAILURE UNLESS NOTED OTHERWISE. SMOKE DAMPERS SHALL BE RECOMMENDED MAINTENANCE PROCEDURES OF ALL INSTALLED EQUIPMENT & SYSTEMS. AUTOMATIC RESET TYPE.

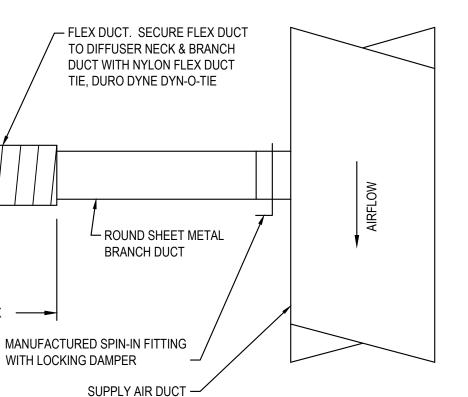
SECTION 230600 PIPING SYSTEMS:

- A. CONDENSATE PIPING SHALL BE TYPE L HARD COPPER WITH WROUGHT COPPER FITTINGS & SOLDERED JOINTS.
- B. REFRIGERANT PIPING SHALL BE TYPE ACR CLEANED COPPER FOR REFRIGERANT SERVICE WITH WROUGHT COPPER JOINTS AND SIL-PHOS BRAZED JOINTS. REFRIGERANT PIPING SHALL BE PURGED WITH NITROGEN DURING BRAZING OF JOINTS.

SECTION 231810 INSULATION:

A. RETURN AIR AND TRANSFER AIR DUCTS SHALL BE LINED WITH 1" THICK DUCT LINER. B. SUPPLY & OUTSIDE AIR DUCTWORK SHALL BE WRAPPED WITH 2" THICK, 3/4 LB DENSITY, R-6 FOIL BACKED INSULATION. JOINTS SHALL BE LAPPED A MINIMUM OF 2" AND SECURED WITH FLARE TYPE STAPLES. DUCTWORK INSTALLED IN ATTIC AREAS SHALL BE INSULATED WITH R-8 INSULATION.

BRANCH DUCT & FLEX DUCT SIZE SHALL MATCH DIFFUSER NECK SIZE



IFFUSER CONNECTION DETAIL

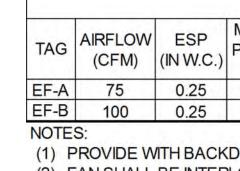
							ROOFI	OP UNIT	SCHE	DULE							
SUDDI	SUPPLY		BLOWER	OUTSIDE	COOLING			GAS HEAT		0.000	VOLTS /						
TAG	AIR (CFM)	ESP (IN W.C.)	MOTOR POWER (HP)	AIR (CFM)	TOTAL	SENSIBLE CAPACITY (MBH)	EAT DB/WB (°F)	OUTDOOR TEMP DB (°F)	EER	SEER	INPUT (MBH)	OUTPUT (MBH)	MIN. EFF (%)	DRIVE TYPE	PHASE (V/Ø)	BASIS OF DESIGN NO	NOTE
RTU-1	1,950	0.5	1	240	60.0	49.3	80.0/67.0	95.0		14.0	80	65	80	BELT	208/3	TRANE YSC060	1,2,3
RTU-2	1,950	0.5		175	-				-		-		-			EXISTING TO REMAIN	2,3,4

CUSTOM ADAPTER CURB, COMPARATIVE ENTHALPY ECONOMIZER, POWERED EXHAUST, INTEGRAL DISCONNECT, AND POWERED CONVENIENCE MABLE THERMOSTAT WITH PROGRAMMABLE OCCUPANCY PERIODS. THERMOSTAT SHALL ENERGIZE SUPPLY FAN AND OPEN OUTSIDE AIR DAMPER

C	AIR DISTRIBUTION SCHEDULE		
TAG	DESCRIPTION	BASIS OF DESIGN	NOTES
SR	SUPPLY REGISTERS (SR) SHALL BE STEEL, DOUBLE DEFLECTION TYPE PROVIDED WITH OPPOSED BLADE DAMPER AND OUTER MOST SET OF DEFLECTORS PARALLEL TO THE SHORT DIMENSION. PROVIDE WITH OPPOSED BLADE BALANCING DAMPER AND FACTORY APPLIED, WHITE, BAKED ENAMEL FINISH.	TITUS 300RS	1
RG	SURFACE MOUNT RETURN GRILLE (RG) SHALL BE STEEL WITH FIXED 35° DEFLECTION, BLADES PARALLEL TO THE LONG DIMENSION AND 3/4" BLADE SPACING. PROVIDE WITH FACTORY APPLIED, WHITE, BAKED ENAMEL FINISH AND OPPOSED BLADE DAMPER.	TITUS 350RL	1

NOTES:





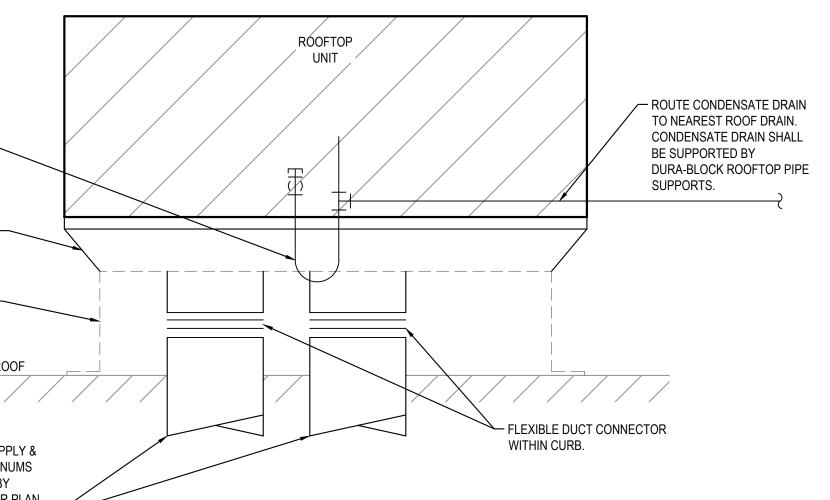
(1) PROVIDE WITH BACKDRAFT DAMPER, CEILING GRILLE AND SPEED CONTROLLER FOR BALANCING. (2) FAN SHALL BE INTERLOCKED WITH LIGHTS. (3) FAN SHALL OPERATE CONTINUOUSLY.

PAINT GRIP

15°

M0.01

SCALE: N.T.S





O	HALL MATCH DIFFUSER NECK SIZE R SIZE NOTED ON PLAN, HICHEVER IS LARGER.				
		TAG	SUPPLY AIR (CFM)	ESP (IN W.C.)	BLC MC PC
		RTU-1	1,950	0.5	
		RTU-2	1,950	0.5	
/ /	AIRFLOW	(2) PRO DUR	VIDE WITH VIDE 7-DA'	Y PROGRA PIED PERI	

- (3) INSTALL SMOKE DETECTOR PROVIDED BY DIV. 26.

(4) CLEAN COILS & FAN, OIL BEARINGS, CHANGE BELT AND VERIFY OPERATION OF MODES AND STAGES. REPAIR OR REPLACE AS REQUIRED.



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- 2. ALL HVAC COMPRESSORS SHALL BE WARRANTED FOR A PERIOD OF NOT LESS THAN 5

- C. REFRIGERANT PIPING SHALL BE INSULATED WITH 1/2" THICK, CLOSED CELL, NEOPRENE INSULATION. INSULATION SHALL BE SLIP ON TYPE. ALL JOINTS SHALL BE SEALED WITH AN ADHESIVE APPROVED BY THE INSULATION MANUFACTURER.
- D. ALL REFRIGERANT PIPING INSULATION INSTALLED OUTDOORS SHALL BE COATED WITH TWO (2) COATS OF UV RESISTANT COATING.
- E. CONDENSATE PIPING SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION WITH WHITE ALL SERVICE JACKET AND MITERED ELBOWS. ALL JOINTS SHALL BE SEALED WITH SELF ADHESIVE OVERLAP.

- A. ALL DUCTWORK SHALL BE FABRICATED WITH GALVANIZED SHEET METAL.
- B. LOW PRESSURE DUCTWORK SHALL BE CONSTRUCTED FOR 2" PRESSURE SERVICE WITH CLASS C SEALS.
- C. DUCTWORK CONSTRUCTION AND INSTALLATION SHALL CONFORM TO THE LATEST VERSION OF SMACNA DUCT STANDARDS.
- D. LOW PRESSURE ELBOWS SHALL BE FULL RADIUS TYPE OR MITERED WITH TURNING VANES. E. PROVIDE SPIN IN FITTING WITH SCOOP & LOCKING DAMPER AT ALL LOW PRESSURE BRANCH DUCT CONNECTIONS TO MAIN DUCT.
- F. DUCTWORK SHALL BE INSPECTED & SEALED AIR TIGHT TO BE FREE OF LEAKS PRIOR TO INSULATING OR COVERING UP THE DUCTWORK.
- G. FIRE DAMPERS SHALL BE TYPE 'B' UL LISTED DAMPERS WITH FIRE CURTAIN LOCATED OUTSIDE OF THE AIR STREAM. FIRE DAMPERS SHALL BE LISTED FOR USE IN THE WALL RATING WITHIN WHICH THE DAMPER IS INSTALLED.
- I. SMOKE DETECTORS SHALL BE PROVIDED BY DIVISION 26 FOR INSTALLATION BY DIVISION 23. J. SMOKE DETECTORS SHALL CLOSE ALL ASSOCIATED SMOKE DAMPERS AND SHUT DOWN THE ASSOCIATED AIR MOVING DEVICE.

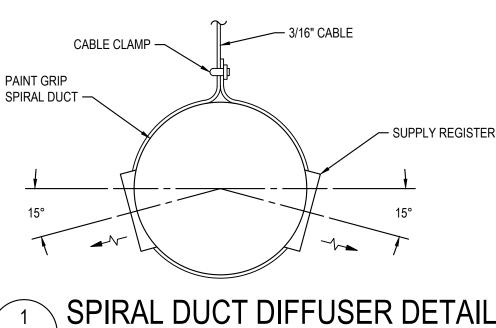
SECTION 239500 - TEST & BALANCE:

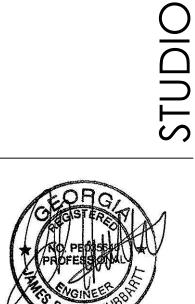
- A. TEST & BALANCE AGENCY SHALL BE NEBB OR AABC CERTIFIED.
- B. TEST & BALANCE AGENCY SHALL BE HIRED DIRECTLY BY THE GENERAL CONTRACTOR.
- C. ALL EQUIPMENT SHALL BE LUBRICATED, TESTED, ADJUSTED AND BALANCED TO MEET DESIGN, MANUFACTURER'S OPERATING & INSTALLATION GUIDELINES.
- D. AIR TERMINALS SHALL BE BALANCED TO CFM INDICATED ON PLAN.
- E. ALL DEFICIENCIES SHALL BE RECORDED AND SENT TO THE MECHANICAL CONTRACTOR FOR RESOLUTION.
- F. ONCE ALL DEFICIENCIES HAVE BEEN CORRECTED, TWO (2) HARD COPIES OF THE FINAL REPORT SHALL BE DELIVERED TO THE OWNER. AN ELECTRONIC COPY IN PDF FORMAT SHALL BE SUBMITTED IN ADDITION TO THE HARD COPIES.

AID DISTDIDUTION SCHEDULE

(1) ALL SURFACE MOUNTED AIR DISTRIBUTION DEVICES SHALL BE PREPPED AND READY FOR PAINT

	FAN SCHEDULE									
MOTOR POWER (HP)	FAN SPEED (RPM)	TYPE	DRIVE TYPE	NOISE (SONES)	VOLTS / PHASE (V/Ø)	BASIS OF DESIGN	NOTES			
80 W	810	CEILING EXHAUST	DIRECT	2.5	120/1	GREENHECK SP-B110	1,2			
18 W	1065	DIRECT	120/1	1	CEILING	GREENHECK SP-A125	1,3			





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PROJECT LOCATION: ATHENS GA

ISSUE: ISSUED FOR PERMIT

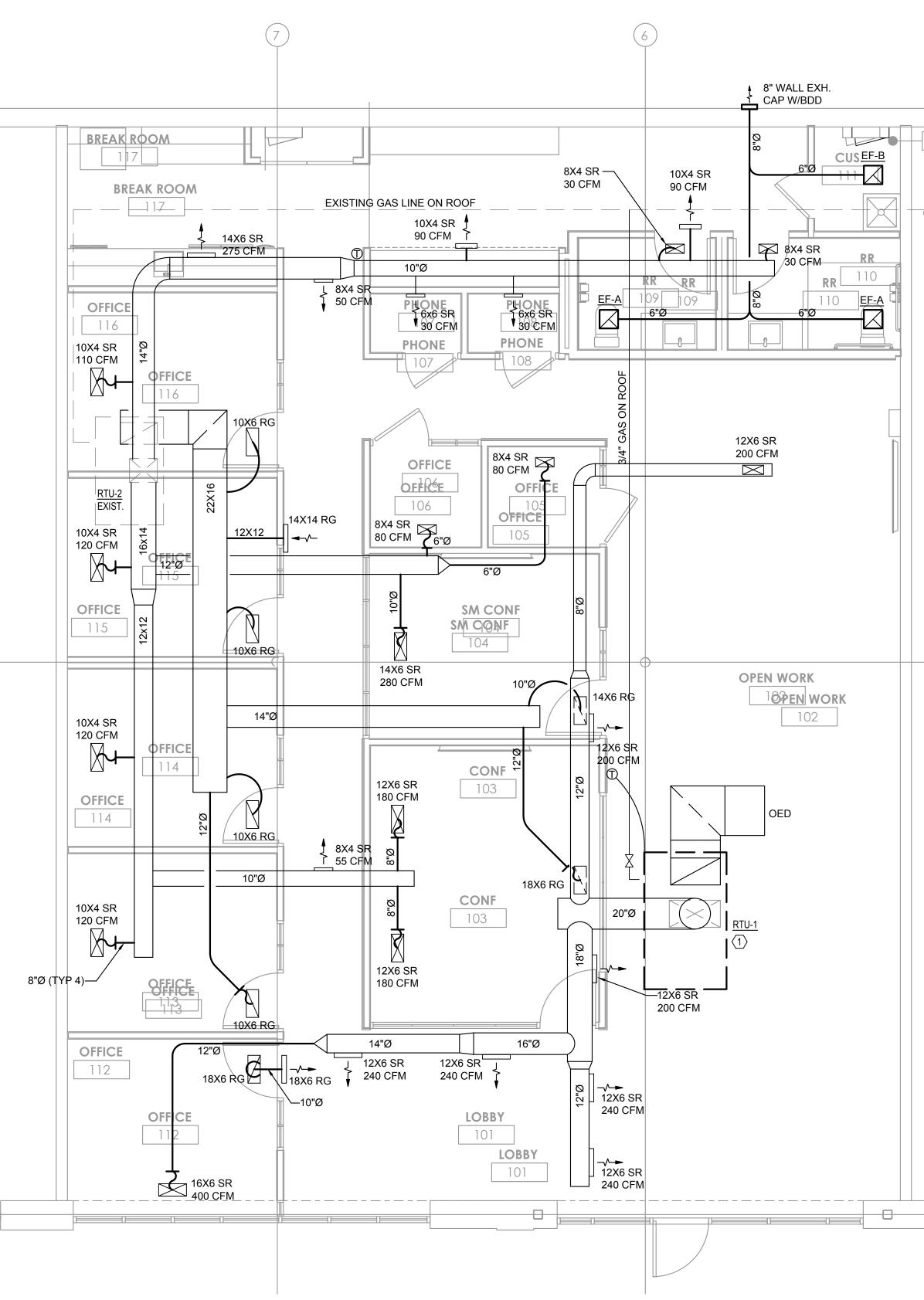
DATE: 12.22.2020 REVISION

DATE

DRAWING: MECHANICAL NOTES & SCHEDULES SHEET NO.



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MECHANICAL PLAN 1

KEY NOTES: 🔿

1. REPLACE EXISTING 7.5 TON RTU WITH 5 TON RTU. PROVIDE WITH CUSTOM ADAPTER CURB TO AVOID ROOF WORK.



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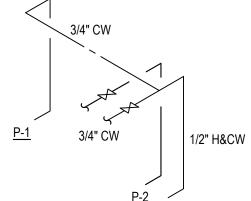
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DRAWING: MECHANICAL PLAN

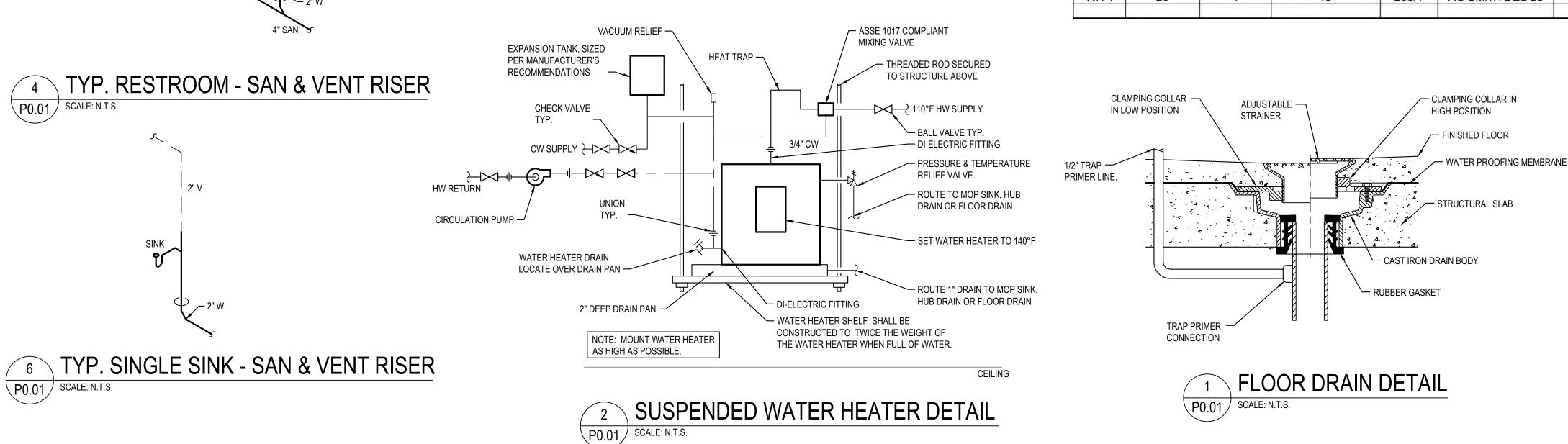




	PLUMB ABBRE		1	┥┝───	PLUMB SYM		Ì
AG	DESCRIPTION	TAG	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
A/C	ABOVE CEILING	LB	POUND		ELBOW UP	<u> </u>	PRESSURE GAUGE
AD	AREA DRAIN	LWT	LEAVING WATER TEMPERATURE				
\FF	ABOVE FINISHED FLOOR	MAU	MAKE-UP AIR UNIT		ELBOW DOWN	⊢−−	CLEAN OUT
HU	AIR HANDLING UNIT	MAX	MAXIMUM				
NSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR		TEE UP	\bigcirc	FLOOR CLEAN OUT
AP	ACCESS PANEL	MECH	MECHANICAL				
AS	AIR SEPARATOR	MH	MANHOLE		TEE DOWN		FLOOR DRAIN
AUX	AUXILIARY	MIN	MINIMUM, MINUTE				
BDD	BACKDRAFT DAMPER	MS	MOP SINK		REDUCER		HOSE BIBB
B/F	BELOW FLOOR	MTD	MOUNTED				
ЗНР	BRAKE HORSEPOWER	NA	NOT APPLICABLE		END CAP		HUB DRAIN
BTU	BRITISH THERMAL UNIT	NC	NORMALLY CLOSED				
TU/H	BRITISH THERMAL UNIT PER HOUR	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION		UNION		VALVE
BV	BALANCE VALVE	NIC	NOT IN CONTRACT				VALVE
CD	CONDENSATE DRAIN	NO	NORMALLY OPEN, NUMBER		STRAINER	\triangle	REVISION TAG
CI	CAST IRON	NPSH	NET POSITIVE SUCTION HEAD		STRAINER	(1)	KEYNOTE TAG
CL	CENTERLINE	NTS	NOT TO SCALE			·	·
CO	CLEANOUT	OD	OUTSIDE DIAMETER				
CPVC	CHLORINATED POLYVINYL CHLORIDE	OFD	OVERFLOW DRAIN				
CW	COLD WATER	OZ	OUNCE				
DB	DRY BULB	PD	PRESSURE DROP	-			
DDC	DIRECT DIGITAL CONTROL	PLBG	PLUMBING	-			
DF	DRINKING FOUNTAIN	PRV	PRESSURE REDUCING VALVE				
DIA	DIAMETER	PSI	POUNDS PER SQUARE INCH				
DISC	DISCONNECT	QTY	QUANTITY	-			
DS	DOWNSPOUT	RD	ROOF DRAIN	-			
DWG	DRAWING	RECIRC	RECIRCULATING	-			
ELEC	ELECTRICAL	REV	REVISION	-			
EWH	ELECTRIC WATER HEATER	RLA	RATED LOAD AMPS	-			
ET	EXPANSION TANK	SEC	SECONDS, SECONDARY	-			
EXST	EXISTING	SH	SHOWER	-			
EXT	EXTERNAL	SPEC	SPECIFICATION	_			
°F	DEGREES FAHRENHEIT	SQ. FT	SQUARE FEET	-			
FD	FLOOR DRAIN	SS	STAINLESS STEEL	-			
FLA	FULL LOAD AMPS	STD	STANDARD	-			
FPM	FEET PER MINUTE	TEMP	TEMPERATURE	-			
FPS	FEET PER SECOND	TP	TRAP PRIMER LINE	-			
FFS	FOOT, FEET	TYP	TYPICAL	-			
GA	GAUGE	UH		-			
GA GPM				-			
		UR		-	\sim		
			VENT, VOLT, VOLUME				
HD		VEL	VELOCITY	4			
HP	HORSEPOWER, HEAT PUMP	VERT		4	2" V	$\langle \rangle$	
HR	HOUR	VFD	VARIABLE FREQUENCY DRIVE	-	2 V I	3" V	Ì
HW	HOT WATER	VS	VENT STACK	4			2" V
HZ	HERTZ	VTR	VENT THROUGH ROOF	4			
ID	INSIDE DIAMETER	W	WATT, WIDTH, WIDE, WASTE	_			ĺ
IN	INCH	WC	WATER CLOSET	_	$ \downarrow \downarrow $		P-2
IWH	INSTANTANEOUS WATER HEATER	WH	WALL HYDRANT, WATER HEATER	4	<u>P-1</u> e		<u>P-2</u>
KW	KILOWATT	WS	WASTE STACK		4" SAN		
KW LAV	KILOWATT LAVATORY	WS	WASTE STACK		4" SAM <u>FD</u>	\sim	



RESTROOM - DOMESTIC WATER RISER





SINK

1/2" H&CW

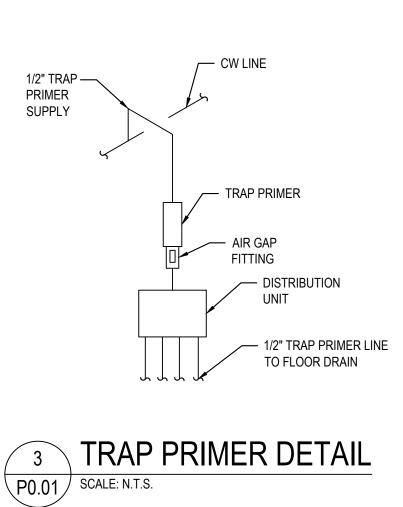
SPECIFICATIONS:

SECTION 220100 - PLUMBING GENERAL: A. GENERAL

- 1. CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, TOOLS AND LABOR NECESSARY TO PROVIDE A COMPLETE PLUMBING SYSTEM COMPLIANT WITH ALL REQUIRED CODES & STANDARDS.
- 2. DRAWINGS ARE SCHEMATIC IN NATURE AND SHALL NOT BE SCALED.
- 3. ALL REQUIRED PERMITS & INSPECTIONS SHALL BE SECURED & PAID FOR UNDER THIS CONTRACT. INSPECTION CERTIFICATIONS SHALL BE PROVIDED TO THE OWNER.
- 4. CONTRACTOR SHALL VISIT THE SITE TO THOROUGHLY EXAMINE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. IF EXISTING CONDITIONS DIFFER FROM DESIGN DOCUMENTS IN SUCH A MANNER THAT AFFECTS PRICING, THE CONTRACTOR SHALL ADJUST THE BID ACCORDINGLY AND NOTIFY THE OWNER & ENGINEER PRIOR TO SUBMITTING THE BID. NO ALLOWANCES WILL BE MADE FOR LACK OF KNOWLEDGE REGARDING THE EXISTING CONDITIONS.

C. IDENTIFICATION

- 1. PERMANENT BAKELITE TAGS WITH 1" TALL LETTERS SHALL BE PROVIDED FOR ALL EQUIPMENT. EQUIPMENT NUMBERING SHALL MATCH BUILDING STANDARDS.
- D. STARTERS 1. ALL MOTORS SHALL BE PROVIDED WITH MAGNETIC MOTOR STARTERS WITH OVERLOAD PROTECTION.
- 2. STARTERS SHALL BE PROVIDED WITH HAND-OFF-AUTO SWITCHES.
- 3. INDOOR MOTOR STARTERS SHALL BE FURNISHED WITHIN A NEMA 1 ENCLOSURE. 4. OUTDOOR MOTOR STARTERS SHALL BE FURNISHED WITHIN A NEMA 3R ENCLOSURE.
- E. SUBMITTALS & SHOP DRAWINGS
- 1. SUBMIT FOR REVIEW BY THE ARCHITECT A COMPLETE SCHEDULE AND DATA OF MATERIALS AND EQUIPMENT TO BE INCORPORATED IN THE WORK. SUBMITTALS SHALL BE SUPPORTED BY DESCRIPTIVE MATERIALS, SUCH AS CATALOG SHEETS, PRODUCT DATA SHEETS, DIAGRAMS, PERFORMANCE CURVES, AND CHARTS PUBLISHED BY THE MANUFACTURER TO SHOW CONFORMANCE TO SPECIFICATION AND DRAWING REQUIREMENTS. MODEL NUMBERS ALONE WILL NOT BE ACCEPTABLE. DATA SUBMITTED FOR REVIEW SHALL CONTAIN ALL INFORMATION REQUIRED TO INDICATE COMPLIANCE WITH EQUIPMENT SPECIFIED.
- F. SUBSTITUTE MANUFACTURERS
- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION & COST OF ALL CHANGES REQUIRED FOR INSTALLATION OF EQUIPMENT & PRODUCTS MANUFACTURED BY THOSE OTHER THAN WHAT IS SPECIFIED IN THE CONTRACT DOCUMENTS.
- 2. CAREFULLY COORDINATE SUBSTITUTE MANUFACTURER'S INSTALLATION REQUIREMENTS WITH ALL OTHER TRADES INCLUDING BUT NOT LIMITED TO STRUCTURE. ELECTRICAL. PLUMBING AND ARCHITECTURAL. ALL INSTALLATION COSTS ASSOCIATED WITH INSTALLATION OF SUBSTITUTE MANUFACTURER SHALL BE INCLUDED IN BID. NO ALLOWANCES SHALL BE GIVEN FOR CHANGES ASSOCIATED WITH INSTALLATION OF SUBSTITUTE EQUIPMENT & SYSTEMS.
- 3. LISTING OF A MANUFACTURER AS AN "EQUAL" DOES NOT RELIEVE CONTRACTOR'S RESPONSIBILITY OF COORDINATION & COST ASSOCIATED WITH CHANGES REQUIRED TO OTHER TRADES.



			PLU	MBING F	IXTUR	ES & CONNECTION SCHEDULE
TAG	FIXTURE	cw	HW	DIRECT WASTE	VENT	FIXTURE SPECIFICATION
<u>P-1H</u>	ADA WATER CLOSET	3/4"	4	4"	2"	1.28 GPF, ADA COMPLIANT TOILET AS SPECIFIED BY ARCHITECT, COMPLETE WITH SERVICE STOP, SUPPLY LINE & WAX RING.
<u>P-2H</u>	ADA LAVATORY	1/2"	1/2"	2"	1-1/2"	0.5 GPM, ADA COMPLIANT LAVATORY & FAUCET, AS SPECIFIED BY THE ARCHITECT, COMPLETE WITH SERVICE STOPS, POINT OF USE MIXING VALVE TO LIMIT HW TO 105 F, TAILPIECE, OFFSET TAIL PIECE AND ADA INSULATION KIT.
<u>P-3</u>	SINK - BREAK ROOM	1/2"	1/2"	2"	1-1/2"	ADA COMPLIANT SINK AND 2.2 GPM FAUCET AS SPECIFIED BY THE ARCHITECT. PROVIDE WITH BASKET STRAINER, TAIL PIECE, OFFSET P-TRAP, SERVICE STOPS, ADA INSULATION KIT.
<u>P-4</u>	MOP SINK	3/4"	3/4"	3"	2"	24"x24" TERRAZO FLOOR MOUNTED MOP SINK WITH FULL PERIMETER STAINLEES STEEL CAP, 3" CAULKED DRAIN CONNECTION, STAINLESS STEEL GRID STRAINER, 36X36 STAINLESS STEEL WALL PANNELS ON ALL ADJACENT WALLS, 36"LONG HOSE, HOSE HOOK SERVICE SINK FAUCEST WITH BUCKET HOOK AND 3/4" HOSE CONNECTION. BASIS OF DESIGN: STERN WILLIAMS - SB900 SINK AND STERN WILLIAMS T-10-VB FAUCET.
<u>FD</u>	FLOOR DRAIN - FINISHED AREAS	1/2" TP	÷	2"	1-1/2"	FLOOR DRAINS IN FINISHED AREAS SHALL HAVE 6" SQUARE ADJUSTABLE, VANDAL PROOF STRAINER IN NICKLE BRONZE FINISH. BASIS OF DESIGN: JR SMITH 2000 SERIES. PROVIDE WITH TRAP PRIMER

E HEAD (FT)	NPSHR (FT)	RPM	MOTOR HP	EFFICIENCY	VOLTS/ PHASE	PUMP TYPE	BASIS OF DESIGN	NOTES
10	11	2650	1/12	· · · · ·	120/1	INLINE	BELL & GOSSETT PL-30B	1,2
	(FT)	(FT) (FT)	(FT) (FT) RPM	(FT) (FT) RPM HP	(FT) (FT) RPM HP EFFICIENCY	(FT) (FT) RPM HP EFFICIENCY PHASE	(FT) (FT) RPM HP EFFICIENCY PHASE PUMPTYPE	(FT) (FT) RPM HP EFFICIENCY PHASE PUMPTYPE BASIS OF DESIGN

1. ALL WETTED PUMP PARTS SHALL BE LEAD FREE 2. PROVIDE WITH REMOTE AQUASTAT & TIMER TO CYCLE PUMP ON AND OFF TO MAINTAIN HW LOOP TEMPERATURE DURING OCCUPIED OURS.

- G. WARRANTY
- NOT LESS THAN ONE (1) YEAR.
- 2. ALL HVAC COMPRESSORS SHALL BE WARRANTED FOR A PERIOD OF NOT LESS THAN 5 YEARS. H. AS-BUILT DRAWAINGS
- OF DRAWINGS SHALL BE TURNED OVER TO OWNER AT COMPLETION OF CONSTRUCTION.
- I. OPERATION & MAINTENANCE MANUALS 1. CONTRACTOR SHALL PROVIDE AN ELECTRONIC SET AND ONE (1) SET OF HARD COPIES OF CONTRACT.
- J. INSTRUCTION
- 1. CONTRACTOR SHALL THOROUGHLY INSTRUCT OWNER ON OPERATION AND RECOMMENDED MAINTENANCE PROCEDURES OF ALL INSTALLED EQUIPMENT & SYSTEMS.

SECTION 24000 PLUMBING SYSTEMS

- A. ALL SANITARY PIPING SHALL BE SLOPED AT 1/8" PER FOOT.
- B. SANITARY & VENT PIPING SHALL BE SCHEDULE 40 PVC.
- JOINTS. CONDENSATE PIPING SHALL BE INSTALLED WITH DWV TYP FITTINGS.
- D. ALL CONDENSATE, HOT & COLD WATER PIPING SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS
- INSULATION WITH WHITE ALL SERVICE JACKET.
- F. ALL PIPING SHALL BE CONCEALED WITHIN WALLS OR ABOVE CEILING.
- G. PIPING INSTALLED ABOVE CEILING SHALL BE INSTALLED AS HIGH AS POSSIBLE.
- H. ALL VALVES LOCATED ABOVE CEILING SHALL BE LOCATED WITHIN 1' OF ACCESS PANEL OR 1' ACCESSIBLE CEILING.
- I. REFER TO ARCHITECTURAL FLOOR PLANS & ELEVATIONS FOR EXACT LOCATIONS OF PLUMBING FIXTURES.
- SWITCHGEAR ROOMS, TELEPHONE ROOMS, ELEVATOR EQUIPMENT ROOMS OR ABOVE ELECTRICAL PANELS.
- K. INSTALL IDENTIFICATION MARKERS ON ALL PIPING SYSTEMS & VALVES THAT INCLUDE SERVICE TYPE & DIRECTION OF FLOW PER ASME A13.1.
- SYSTEM SHALL BE THOROUGHLY FLUSHED WITH CLEAN WATER.
- RECTORSEAL OR EQUAL.

1. CONTRACTOR SHALL WARRANT ALL EQUIPMENT, MATERIALS AND WORKMANSHIP FOR A PERIOD OF

1. CONTRACTOR SHALL KEEP REDLINE SET OF DRAWINGS ON SITE DURING CONSTRUCTION TO UPDATE LOCATION OF ALL EQUIPMENT AND SYSTEMS AS THE CONSTRUCTION PROGRESSES. REDLINE SET

INSTALLATION AND MAINTENANCE MANUALS FOR ALL EQUIPMENT & SYSTEMS PROVIDED UNDER THIS

C. DOMESTIC WATER & CONDENSATE PIPING SHALL BE TYPE L HARD COPPER WITH LEAD FREE SOLDERED

E. WATER HAMMER ARRESTORS SHALL BE PROVIDED & SIZED PER PDI GUIDELINES AT ALL QUICK CLOSING VALVES. ALL PIPING SHALL BE PRESSURE TESTED PRIOR TO CONCEALING OR INSULATING THE PIPING.

J. PLUMBING SYSTEMS SHALL NOT BE INSTALLED WITHIN OR PASSING THROUGH, ELECTRICAL CLOSETS,

L. ALL DOMESTIC WATER PIPING SYSTEMS SHALL BE FLUSHED & DISINFECTED. SYSTEMS SHALL BE FILLED WITH AN EVENLY DISTRIBUTED DOSE OF 50 TO 200 PPM CHLORINE. ALL FIXTURES & OUTLETS SHALL BE TESTED TO ENSURE EVEN DISTRIBUTION. AFTER 12 HOURS THE RESIDUAL CHLORINE SHALL BE TESTED. DISINFECTION PROCEDURE SHALL BE REPEATED UNTIL RESIDUAL CHLORINE LEVEL IS GREATER THAN 10 PPM AFTER SITTING UNDISTURBED FOR 12 HOURS. ONCE DISINFECTION PROCEDURE IS COMPLETE,

M. GAS PIPING SHALL BE SCHEDULE 40 STEEL WITH THREADED JOINTS. JOINTS SHALL BE SEALED WITH

	ELECTRIC WATER HEATER SCHEDULE										
TAG	CAPACITY (GAL)	ELEMENT KW	RECOVERY RATE (GPH @ 90F)	VOLTS/ PHASE	BASIS OF DESIGN	NOTES					
WH-1	20	4	18	208/1	AO SMITH DEL-20						
	1. All 1.				A share and the second state						



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GENERAL NOTES:

- 1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT FIXTURE MOUNTING HEIGHTS & LOCATIONS.
- 2. COORDINATE ALL SAN, VENT, CW, HW, ETC. WITH EXISTING CONDITIONS & ALL OTHER TRADES.
- 3. WATER HAMMER ARRESTORS SHALL BE PROVIDED & SIZED PER PDI GUIDELINES AT ALL QUICK CLOSING VALVES.
- 4. ALL PIPING SHALL BE PRESSURE TESTED PRIOR TO CONCEALING OR INSULATING THE PIPING.



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STUDIO

PROJECT NAME: 296 W BROAD ST

PROJECT LOCATION: ATHENS GA

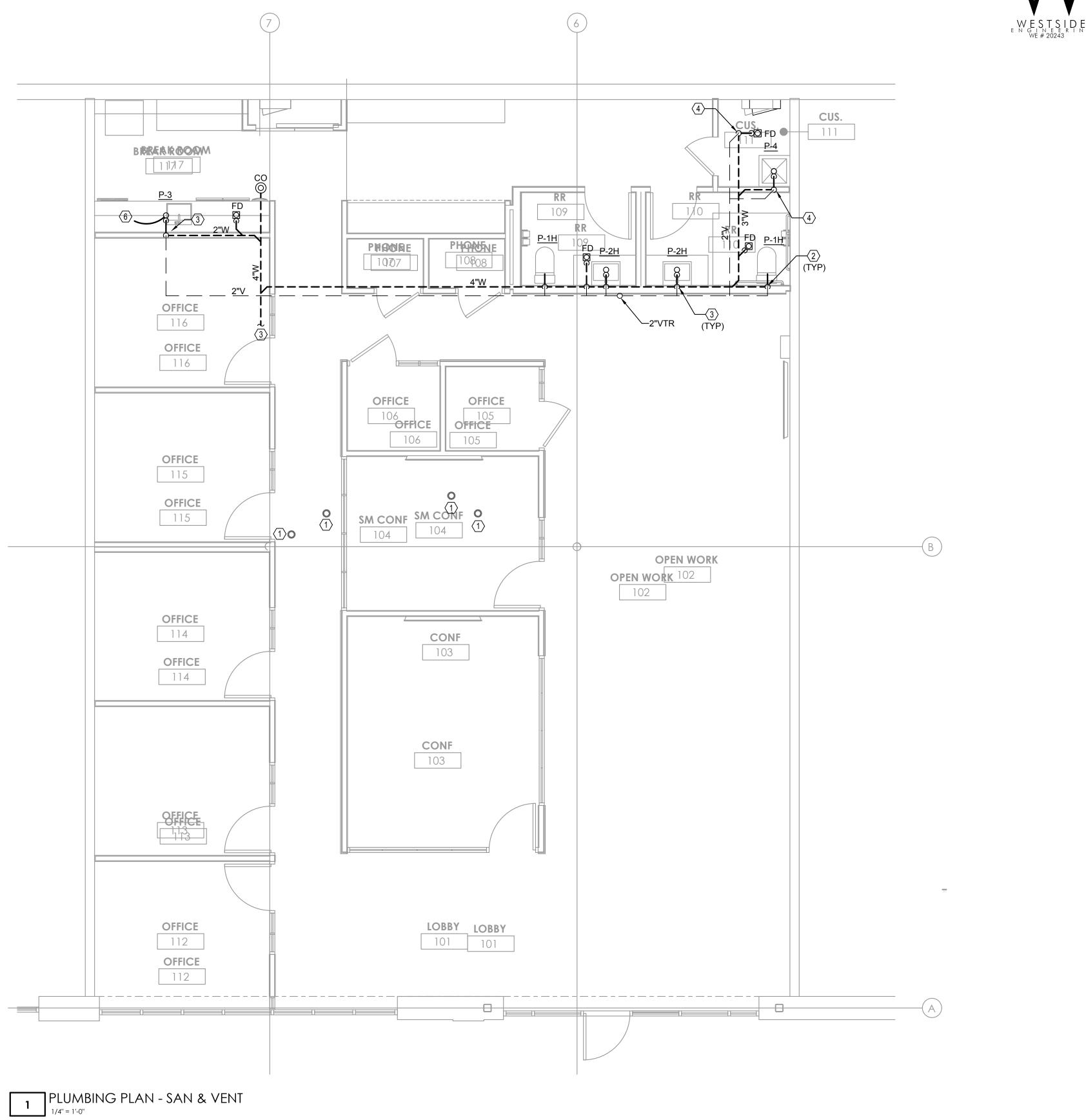
ISSUE: ISSUED FOR PERMIT

DATE: 12.22.2020 REVISION

DRAWING: PLUMBING NOTES, SCHEDULES, & DETAILS



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KEY NOTES: 🔿

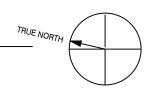
- 2. 4"W & 2"V.
- 3. 2"W & V.
- 4. 3"W & 2"V.



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1. EXISTING SAN STUB-UP. FIELD VERIFY EXACT LOCATION.



5. CONNECT NEW 4"W TO EXISTING 4"SAN STUB-UP. FIELD VERIFY EXACT LOCATION.

6. CONNECT DRAIN LINE FROM DISHWASHER TO SINK TRAP.



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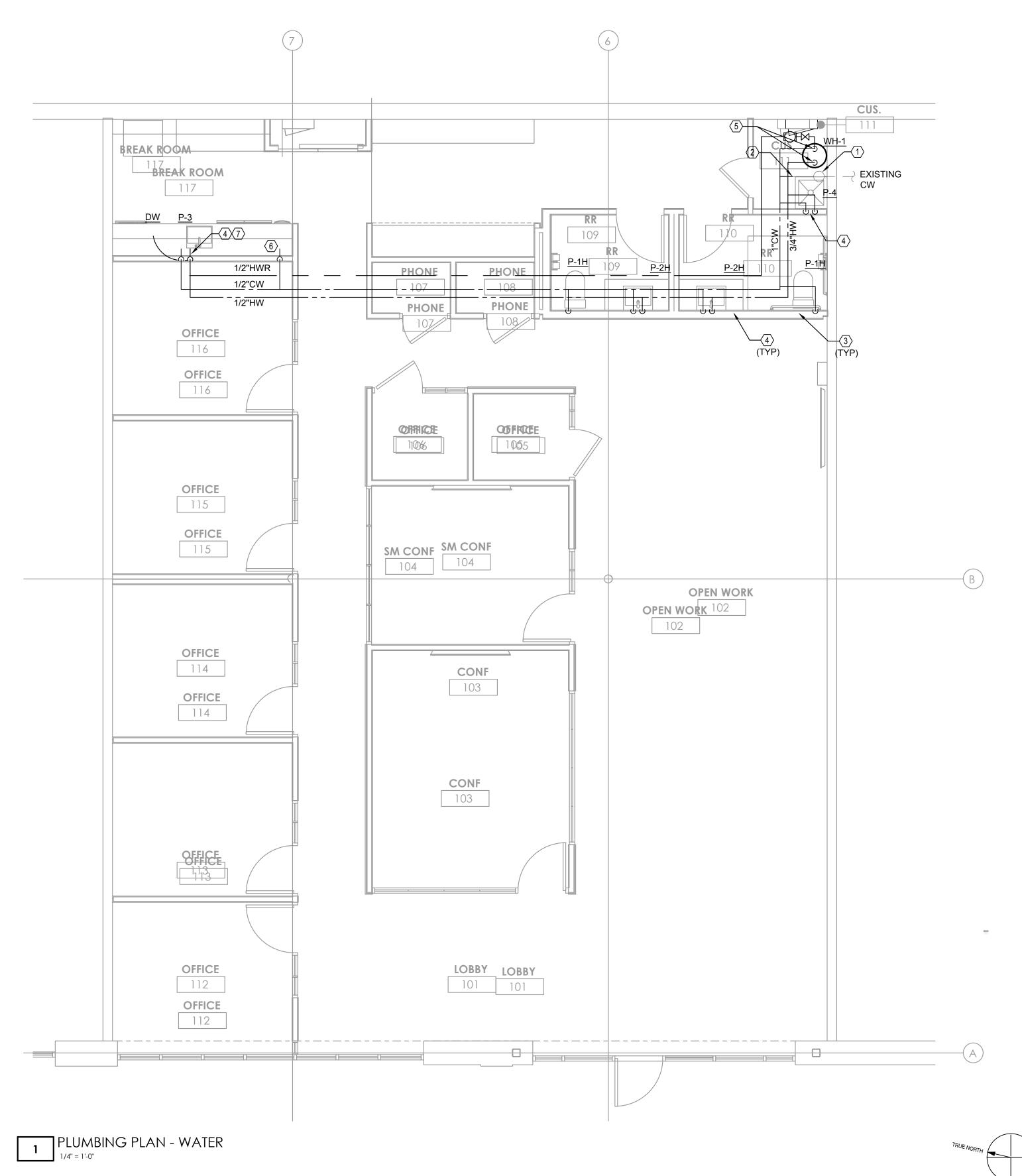
DATE: 12.22.2020 REVISION

DATE

drawing: PLUMBING PLAN -SAN & VENT



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- KEY NOTES: 🔿

- 3. 3/4"CW DN.
- 4. 1/2"CW & HW DN.
- 5. 1"CW & HW DN TO WH-1.
- BASIS OF DESIGN: OATEY 38608.



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1. EXISTING CW LINE WITH EXISTING WATER METER. FIELD VERIFY EXACT LOCATION. 2. CONNECT NEW 1"CW TO EXISTING CW LINE A/C. FIELD VERIFY EXACT LOCATION.

6. 1/2" CW DN IN WALL TO ICE MAKER BOX. COORDINATE EXACT LOCATION WITH EQUIPMENT LAYOUT TO ENSURE ICE MAKER BOX IS NOT VISIBLE. PROVIDE FINAL CONNECTION TO EQUIPMENT. ICEMAKER BOX

7. CUZN UC-200 WATER FILTER SYSTEM UNDER SINK.



CHITECTS

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ISSUE: ISSUED FOR PERMIT

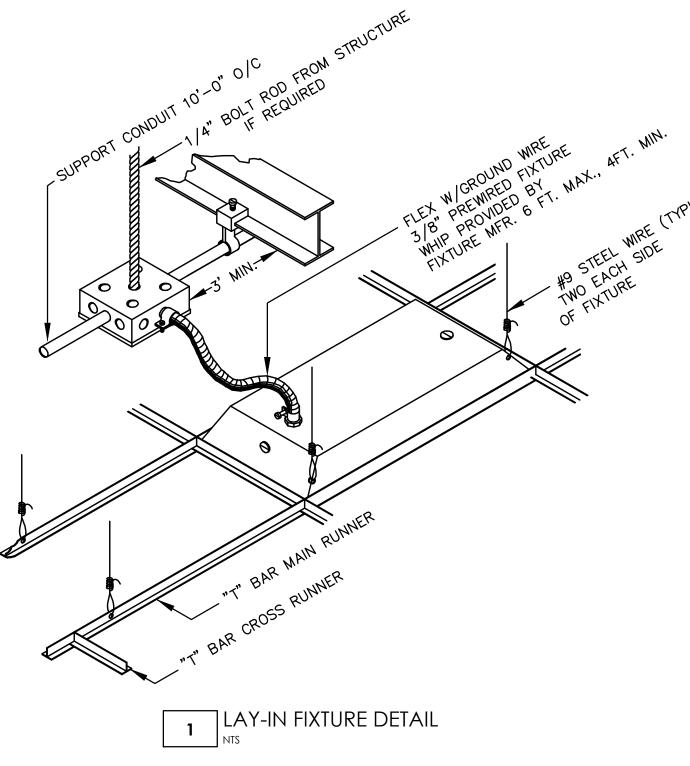
DATE: 12.22.2020 REVISION

DATE

drawing: PLUMBING PLAN -WATER



		L	IGHTING	FIXT	JRE SCHE	EDULE			GENERAL ELECTRICAL NOTES:	ELECTR	ICAL L
ТҮРЕ	DESCRIPTION	MOUNT	VOLTAGE	LAMP	WATTAGE/	/ MANUFACTURE	CATALOG NUMBER	NOTES	1. FOR EXACT LOCATION OF EQUIPMENT MOUNTED IN SUSPENDED CEILINGS. SUCH AS LIGHTING FIXTURES, AND SMOKE DETECTORS, SEE ARCHITECTURAL REFLECTED CEILING PLANS. ARCHITECTURAL REFLECTED PLAN SHALL	LIGHTING	
L-1	4" LED MINI PENDANT, 1150 LUMENS	PENDANT	120		TYPE 15W LED	BRUCK LIGHTING	GX15 LED MINI PENDANT (Y LIGHTING)		GOVERN FINAL LOCATION.		LIGHTING FIXTURE
1.2	4' LINEAR LED PENDANT, 4200 LUMENS	PENDANT	120		3500K 36W LED	ALCON LIGHTING	12200-4-35K-XX	2	2. PRIOR TO ROUGH-IN, CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL WIRING DEVICE WITH ARCHITECTURAL ELEVATION TO AVOID CONFLICTS WITH CASEWORK, COUNTER TOPS, DOOR SWINGS, ETC. WHERE CONFLICTS OCCURS, CONTRACTOR SHALL CONTACT THE ARCHITECT IN WRITING FOR RESOLUTION.		EMERGENCY LIGH
L-2	4 LINEAR LED PENDANT, 4200 LUNIENS	PENDANT	120		3500K		12200-4-35K-XX	2	3. ALL MOUNTING HEIGHT DIMENSIONS ARE TO THE CENTER OF THE OUTLET BOX UNLESS OTHERWISE NOTED.	$\stackrel{\bigcirc}{\leftrightarrow} \stackrel{\leftrightarrow}{\leftrightarrow}$	DOWNLIGHT.
L-3	4" LED DOWNLIGHT, 1500 LUMENS	RECESSED	120		15W LED 3500K	LIGHTOLIER	4RNP4RDL15835CC-Z10U	1	4. FOR EXACT LOCATION OF ALL EXTERIOR LIGHTING FIXTURES MOUNTED ON EXTERIOR OF BUILDING, ARCHITECTURAL ELEVATIONS SHALL GOVERN		EXIT LIGHTING FIX CONNECT AHEAD
L-4	UNDERCOUNTER LED STRIP	SURFACE	120		14W/FT LED 3000K	MAXIM LIGHTING	MX-L-24-SS		5. PRIOR TO ROUGH-IN FOR ALL LIGHTING SWITCHES, VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL PLANS.	S S3	SINGLE POLE SWI THREE-WAY SWIT
L-5	12" BOBBER PENDANT LED, 970 LUMENS; BLACK FINISH	PENDANT	120		22W LED 2700K	BLU DOT	BP1-SMLPEN-BK		6. THE CONTRACTOR SHALL USE CARE WHEN CUTTING OPENINGS FOR OUTLET BOXES IN CMU WALLS. OUTLET BOXES SHALL BE INSTALLED IN CMU WALLS SECURELY WITH EPOXY.	S ₄ S _D	FOUR-WAY SWITC DIMMER SWITCH,
L-6	12" BOBBER SCONCE LED, 1150 LUMENS; BLACK	SURFACE	120		22W LED 2700K	BLU DOT	BP1-SCONCE-BK		7. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING OUTLET BOX INSTALLATION WITH WALL FINISH (GYPSUM FURRING, TILE, ETC). THE CONTRACTOR SHALL PROVIDE AND INSTALL ANY EXTENSION RINGS NECESSARY TO ACCOMMODATE WALL FINISHES.	S _{P3}	PROVIDE WIRING A
17	GLOBE SCONCE VANITY LED, LUMENS TBD; SATIN BLACK FINISH, LAGOON COLOR WITH WHITE	WALL	120	2	9W LED A19	DUTTON BROWN	30224-SB-LAGOON-WH		8. ALIGN VERTICALLY AND HORIZONTALLY ALL LIGHT SWITCHES, THERMOSTATS, FIRE ALARM PULL STATIONS, ETC. ALL THESE ITEMS SHALL BE CLUSTERED WHERE POSSIBLE. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT.	♦	CEILING MOUNTED REQUIRED AND AI
L-/	GLASS	WALL	120	2	3500K	DUITON BROWN	30224-3D-LAGOUN-WIT	-	9. COORDINATE MOUNTING OF ALL EXTERIOR DISCONNECT WITH ARCHITECTURAL ELEVATIONS. IF NOT INDICATED ON ARCHITECTURAL ELEVATIONS, REQUEST ELEVATIONS OF DISCONNECT SWITCHES FROM ARCHITECT IN WRITING	Sos	WALL MOUNTED S
L-8	LOBBY PENDANT, BLACK FINISH, PROVIDE WITH CLEAR GLASS BULBS	PENDANT	120	6	9W LED A19 3500K	LITFAD	MOBILE METAL CHANDELIER		PRIOR TO ROUGH-IN. 10. ALL CONDUITS FOR LOW VOLTAGE OUTLETS SHALL BE DEDICATED TO A SINGLE BOX. NO DAISY CHAINING OR		PROVIDED WITH N
L-9	CUSTOM STENCIL PENDANT; PROVIDE WITH ALL ACCESSORIES REQUIRED FOR PROPER	PENDANT	120		40W LED / FT 3500K	AXIS LIGHTING	STFC-X-500-X-400-BK-XX-80-35-X-120-MD-1- CTSLL-XX	- 3	SHARING OF CONDUITS BETWEEN LOW VOLTAGE OUTLET BOXES IS PERMITTED UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS.	SS _{os}	(2) WALL MOUNTE EQUAL. PROVIDED INSTALLATION.
1.10	INSTALLATION. FINISH PER ARCHITECT. WALL SCONCE LED, BLACK FINISH	WALL	120		8W LED	LIGHTOLOGY	MEN659648		11. PROVIDE FIELD IDENTIFICATION PER NEC 408.4. ADDITIONALLY, EACH SWITCH, RECEPTACLE, DISCONNECT SHALL HAVE A LABEL WITH SPECIFIC PANEL AND CIRCUIT NUMBER.	S _{DOS}	WALL MOUNTED E
L-10			120		3500K	Liamotoai	1121100000		GENERAL ELECTRICAL DEMOLITION NOTES	POWER	INSTALLATION.
L-11	4' LED STRIP LIGHT; 3200 LUMENS	WALL	120		23W LED 3500K	HE WILLIAMS	76-4-L32-835-EM/10W-120	1	1. ELECTRICAL CONTRACTOR SHALL REMOVE DEVICES ON WALLS TO BE REMOVED AND AS DIRECTED BY ARCHITECT.	φ	DUPLEX GROUND
0	EDGELIT LED EXIST SIGN, RED LETTERING WITH CHEVRON ARROW(S) AS SHOWN WITH INTEGRAL	CEILING/			FURN WITH	LED LIGHTING			2. ELECTRICAL CONTRACTOR SHALL REMOVE ALL ASSOCIATED WIRING, CONDUIT, SURFACE RACEWAY, ETC. FOR DEVICES/LOADS BEING REMOVED. ITEMS REMOVED SHALL BECOME PROPERTY OF THE ELECTRICAL CONTRACTOR	ው ^ው	(2) DUPLEX GRO DUPLEX ISOLATEE
	BATTERY BACK-UP, HOUSING FINISH BY ARCHITECT	WALL	120		UNIT	WHOLESALE	ELXTEU-R-		(UON) AND SHALL BE REMOVED FROM THE SITE. ITEMS REMOVED SHALL NOT BE STORED AT THE SITE. UNDER NO CONDITIONS SHALL ITEMS REMOVED BE USED IN THE NEW CONSTRUCTION.	₩ Φ ^{GFI}	BE ORANGE.
NOTES		1							3. ELECTRICAL CONTRACTOR SHALL VISIT AND EXAMINE THE SITE PRIOR TO CONSTRUCTION TO ASCERTAIN THE EXISTING CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.	ጥ _ም	WEATHER RESIST
0.00	VIDE WITH 90-MINUTE BATTERY BACKUP WHERE IN URE FINISH COLOR VARIES; FIXTURE FINISH WHITE				ES SHALL HAVE 6	00 LUMEN INVERTER.	DOWNLIGHTS SHALL HAVE INTEGRAL TEST S	SWITCH.	4. IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO PROTECT AND RETAIN POWER TO ALL EXISTING ACTIVE EQUIPMENT TO REMAIN. THIS INCLUDES RE-ROUTING OF EXISTING CIRCUITING EFFECTED BY	⊕ ^{EWC}	CAST OUTLET BO DUPLEX GROUND
	R TO ARCHITECTURAL DETAILS.	UNLESS NOT	D OTTERWISE						DEMOLITION. 5. ALL REMOVED COMPUTER EQUIPMENT SHALL BE TURNED OVER TO OWNER UNLESS DIRECTED TO DO	$\overset{+}{\mathbb{Q}}$	SPECIAL RECEPT
									OTHERWISE.	Ð	PROVIDE COMBIN ARCHITECT.
									6. SEE MECHANICAL DRAWING FOR HEATERS, EXHAUST FANS, ETC., WHICH MUST BE DISCONNECTED BY THE ELECTRICAL CONTRACTOR FOR REMOVAL OR ABANDONMENT BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL REMOVE ALL STARTERS, DISCONNECT SWITCHES AND ASSOCIATED CONDUIT AND WIRING.	$\Phi \nabla$	RECEPTACLE/TEL CARPET COVER F
									7. REMOVE ALL CONDUIT, WIRE, BOXES AND FASTENING DEVICES AS REQUIRED TO AVOID ANY INTERFERENCE WITH NEW INSTALLATION.		DEPTH. COORDI RECEPTACLE OUT
					TURE				8. CONDUITS MAY BE ABANDONED IN FLOOR AND WALLS ONLY. ELECTRICAL CONTRACTOR SHALL REMOVE ALL WIRING FROM ABANDONED CONDUITS, DISCONNECT FROM ALL POWER SOURCES AND PROVIDE BLANK PLATES	_	ACCESSIBLE CEIL PANELBOARD, 12
				Ś	TRUCIU				ON ALL ABANDONED OUTLETS. CUT OFF ABANDONED CONDUITS 1" BELOW FINISHED FLOOR AND GROUT FLUSH. ABANDONED CONDUIT SHALL BE CAPPED AT BOTH ENDS.	A-1	ELECTRICAL CIRC
			, olc	FROM					9. ELECTRICAL CONTRACTOR SHALL TRACE ALL CIRCUITS IN EXISTING PANELS TO REMAIN AFFECTED BY DEMOLITION.		AS A MINIMUM (CONDUCTOR, ANI
		-11T 10-	ROLT REO	UIRL					TAG ALL UNUSED CIRCUIT BREAKERS AS "SPARE" AND TIGHTEN ALL CONNECTIONS. PROVIDE NEW TYPED DIRECTORY PROTECTED BY PLASTIC AND PLACE IN COVER OF PANELS CONSISTENT WITH NEW CONSTRUCTION.		ISOLATED GROU PHASED" ELECTR
	CON		D-IF.		TRUCTURE	, IIP	ELE MIN.		10. ANY ELECTRICAL OUTAGES REQUIRED BY THE WORK SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE AND CONFIRMED IN WRITING. ANY OUTAGE SHALL NOT BE SCHEDULED DURING NORMAL BUSINESS HOURS OR		INDICATED. MULT THE NEC AND A
	SUPPORT CON		\sim			ROUND FIX	TURE AFT. M		DURING FACILITY FUNCTIONS AND ALL COSTS FOR OVERTIME SHALL BE INCLUDED IN THE BID. 11. EXISTING LIGHTING FIXTURE BALLASTS AND FLUORESCENT LAMPS MAY CONTAIN PCB'S. DISPOSE OF BALLASTS		RECEPTACLES SH THE NEC. BRANG
			×)	\searrow	1E	W GROUND FIX W GROUND FIX PREWIRED B PROVIDED 6 B" PROVIDED 6 HIP DRE MFR. FIXTURE	FT. MIL		AND LAMPS IN ACCORDANCE WITH EPA.		BELOW FLOORS, EMERGENCY BAT
					5	8" PROMER.	WRE		12. HOLES LEFT BY REMOVAL OF ELECTRICAL DEVICES, PANELS, ETC. SHALL BE PATCHED IN EXISTING WALLS TO REMAIN. REFER TO ARCHITECTURAL DRAWINGS.	0	BALLASTS SHALL SERVING DIMMED
		\checkmark	MIN-	\checkmark		FIX	NO STEEL SIL		ABBREVIATIONS	-	JUNCTION BOX.
							TWO EXTURE		A – AMPERES MCB – MAIN CIRCUIT BREAKER A.F.F. – ABOVE FINISHED FLOOR MLO – MAIN LUG ONLY	- □' Sm	DISCONNECT SWI
	2010						OF `		A.F.G. – ABOVE FINISHED GRADE NTS – NOT TO SCALE	\mathcal{C}_{M}	MOTOR RATED S MOTOR CONNECT
		K.			~		///		BFG – BELOW FINISHED GRADE P – POLE C – CONDUIT PNL – PANEL	\boxtimes	STARTER
		X		$\langle $					ETR – EXISTING TO REMAIN SN – SOLID NEUTRAL	$\langle 1 \rangle$	KEYNOTE.
			$\langle \rangle$				11,		F – FUSE U.O.N. – UNLESS OTHERWISE NOTED GFI – GROUND FAULT CIRCUIT INTERRUPTING V – VOLTS		
				¥	/ /	//			G – GROUND FACET CIRCOT INTERROFTING V – WIRE	<u>SPECIAL SYSTEM</u>	CIV CIV



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- WEATHERPROOF/GFI

UTILITY NOTES:

KVA

KW

1. PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL HAVE ALL EXISTING UNDERGROUND UTILITIES LOCATED. FIRE PROOFING NOTES:

WP

1. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FIRE STOPPING AT ALL WALL, FLOOR AND CEILING PENETRATIONS WHERE CONDUIT PENETRATIONS OCCUR.

2. PROVIDE FIRE STOPPING AT CONDUIT PENETRATIONS PER UL.

KILOWATT

- KILO VOLT AMP

DEVICE PLATE NOTE ALL COVERPLATES SHALL BE NYLON WITH FINISH PER ARCHITECT. ALL DEVICES (SWITCHES, RECEPTACLES, ETC) SHALL BE FINISH BY ARCHITECT (UON). COORDINATE WITH ARCHITECTURAL PLANS.

LIGHTING CONTROL COMMISSIONING:

COMMISSION ALL AUTOMATIC LIGHTING CONTROLS IN ACCORDANCE WITH THE 2015 IECC ENERGY CODE. COORDINATE TESTING WITH LIGHTING CONTROLS SUPPLIER.

LEGEND



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LIGHTING FIXTURE AND/OR NIGHTLIGHT AS INDICATED

FIXTURE, FACE PLATES (DARKENED) AND DIRECTIONAL ARROWS AS INDICATED. PROVIDE WITH BATTERY BACKUP. EAD OF LOCAL SWITCH.

SWITCH, 20A, 120/277 VOLT, 46" A.F.F..

SWITCH, 20A, 120/277 VOLT, 46" A.F.F.

WITCH, 20A, 120/277 VOLT, 46" A.F.F.

CH, 46" A.F.F. PROVIDE WATTAGE AS REQUIRED. PROVIDE DIMMER SWITCH COMPATIBLE WITH LED LIGHT FIXTURE. ING AS REQUIRED FROM DIMMER TO LIGHT FIXTURE. COORDINATE WITH FIXTURE MANUFACTURER. SWITCH WITH PILOT LIGHT, 20A, 120/277 VOLT, 46" A.F.F.

NTED OCCUPANCY SENSOR. BY WATT STOPPER OR APPROVED EQUAL. PROVIDED WITH NUMBER OF SWITCH PACKS AS O ALL OTHER REQUIRED ACCESSORIES FOR PROPER INSTALLATION.

ED SWITCH, 20A, 120/277V, 46"AFF WITH INTEGRAL OCCUPANCY SENSOR. BY WATT STOPPER OR APPROVED EQUAL. TH NUMBER OF SWITCH PACKS AS REQUIRED AND ALL OTHER REQUIRED ACCESSORIES FOR PROPER INSTALLATION.

JNTED SWITCHES, 20A, 120/277V, 46"AFF WITH INTEGRAL OCCUPANCY SENSOR. BY WATT STOPPER OR APPROVED IDED WITH NUMBER OF SWITCH PACKS AS REQUIRED AND ALL OTHER REQUIRED ACCESSORIES FOR PROPER

ED DIMMER SWITCH, 20A, 120/277V, 46"AFF WITH INTEGRAL OCCUPANCY SENSOR. BY WATT STOPPER OR APPROVED DED WITH NUMBER OF SWITCH PACKS AS REQUIRED AND ALL OTHER REQUIRED ACCESSORIES FOR PROPER

UNDING TYPE RECEPTACLE, 20A, 125 VOLT, NEMA 5-20R, 18" A.F.F., U.O.N. GROUNDING TYPE RECEPTACLES IN COMMON BOX, 20A, 125 VOLT, NEMA 5-20R, 18" A.F.F, U.O.N ATED GROUNDING TYPE RECEPTACLE, 20A, 125 VOLT, NEMA 5–20R, 18" A.F.F., U.O.N.. RECEPTACLE BODY SHALL

UND FAULT INTERRUPTER TYPE RECEPTACLE, 20A, 125 VOLT, NEMA 5-20R, 18" A.F.F., U.O.N. SISTANT RATED, DUPLEX GROUND FAULT INTERRUPTER TYPE RECEPTACLE, MOUNT HORIZONTALLY 18" A.F.F., U.O.N., IN BOX WITH GASKET DEVICE COVER.

UNDING TYPE RECEPTACLE, 20A, 125 VOLT, NEMA 5–20R. MOUNT HORIZONTALLY 6" A.F.F. FOR WATER COOLER. EPTACLE, AMPERAGE, AND VOLTAGE AS INDICATED, 18" AFF, UON.

MBINATION USB CHARGER AND TAMPER RESISTANT RECEPTACLE. LEVITON DEVICE #T5632. COORDINATE LOCATIONS WITH

TELEPHONE/DATA OUTLETS, FLUSH MOUNT IN FLUSH MOUNTED FLOOR BOX WITH RUBBER OR THERMOPLASTIC ER PLATE. PROVIDE NUMBER AND TYPE OF DEVICES PER PLANS. COORDINATE DEPTH OF FLOOR BOX WITH SLAB DRDINATE EXACT LOCATION WITH ARCHITECT. PROVIDE 3/4" CONDUIT WITH CONDUCTORS INDICATED FOR SERVICE TO OUTLET. PROVIDE (1) 1-1/4" CONDUIT WITH PULLWIRE FROM EACH SPECIAL SYSTEMS OUTLET TO ABOVE NEAREST CEILING FOR SPECIAL SYSTEM WIRING BY OTHERS.

120/208 VOLT, 3 PHASE, 4 WIRE, SN

CIRCUIT RUN IN CONDUIT AND CIRCUIT HOMERUN TO PANELBOARD (PANEL AND CIRCUIT DESIGNATION AS INDICATED). IM CONDITION, EACH SINGLE PHASE CIRCUIT SHALL HAVE ONE #12 PHASE CONDUCTOR, ONE #12 NEUTRAL AND ONE #12 GROUNDING CONDUCTOR (PLUS ONE INSULATED, ISOLATED GROUNDING CONDUCTOR WHEN SERVING ROUND TYPE DEVICES) IN 1/2" CONDUIT. PROVIDE ADDITIONAL PHASE CONDUCTORS AS REQUIRED FOR "MULTIPLE CTRICAL LOADS. PROVIDE ADDITIONAL "SWITCH LEG" CONDUCTORS TO PROVIDE THE LIGHT FIXTURE CONTROL IULTIPLE SINGLE PHASE CONDUCTORS SHALL BE GROUPED TOGETHER IN A COMMON CONDUIT IN ACCORDANCE WITH) AT THE CONTRACTOR'S DISCRETION. MULTIPLE SINGLE PHASE CONDUCTORS SERVING ISOLATED GROUND SHALL NOT SHARE COMMON NEUTRALS. NEUTRAL AND GROUNDING CONDUCTORS SHALL BE SHARED AS ALLOWED BY ANCH CIRCUIT CONDUCTORS IN CONDUIT SHALL BE RUN CONCEALED IN WALLS AND/OR ABOVE CEILINGS, IN/OR RS, EXCEPT IN EXPOSED CONSTRUCTION AREAS. FLUORESCENT LIGHTING CIRCUITS SERVING SWITCHED FIXTURES WITH BATTERY BACK-UP SHALL CONTAIN ONE UNSWITCHED CONDUCTOR. FLUORESCENT DIMMING CIRCUITS SERVING DIMMING ALL BE PROVIDED WITH WIRING AS REQUIRED BY BALLAST MANUFACTURER. MULTIPLE PHASE LIGHTING CIRCUITS MED LOADS SHALL NOT SHARE COMMON NEUTRALS.

SWITCH, 240 OR 600 VOLTS AS REQUIRED. AMPS, POLES AND FUSING AS NOTED, NEMA 1, U.O.N. D SWITCH. MOUNT WITHIN SIGHT OF EQUIPMENT.

NECTION, WITH INTEGRAL DISCONNECTING MEANS.

TELEPHONE/DATA OUTLET 18" A.F.F., U.O.N. DOUBLE GANG BOX WITH DEVICE PLATE. PROVIDE 1" (UON) CONDUIT WITH PULLWIRE FROM OUTLET TO ABOVE ACCESSIBLE CEILING. PROVIDE WITH SINGLE GANG ADAPTER.

TELEPHONE OUTLET 18" A.F.F., U.O.N. DOUBLE GANG BOX WITH DEVICE PLATE. PROVIDE 3/4" (UON) CONDUIT WITH PULLWIRE FROM OUTLET TO ABOVE ACCESSIBLE CEILING. PROVIDE WITH SINGLE GANG ADAPTER.

TELEVISION OUTLET 18" A.F.F., U.O.N. SINGLE GANG BOX WITH DEVICE PLATE. PROVIDE 3/4" (UON) CONDUIT WITH PULLWIRE FROM OUTLET TO ABOVE ACCESSIBLE CEILING.

TELEPHONE/TELEVISION BACKBOARD, 4' X 4' X 3/4" THICK EXTERIOR GRADE PLYWOOD. MOUNT VERTICALLY WITH BOTTOM OF PLYWOOD 6" A.F.F., U.O.N.



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PROJECT NAME: 296 W BROAD ST

PROJECT LOCATION: ATHENS GA

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DRAWING: NOTES, DETAILS & LEGENDS

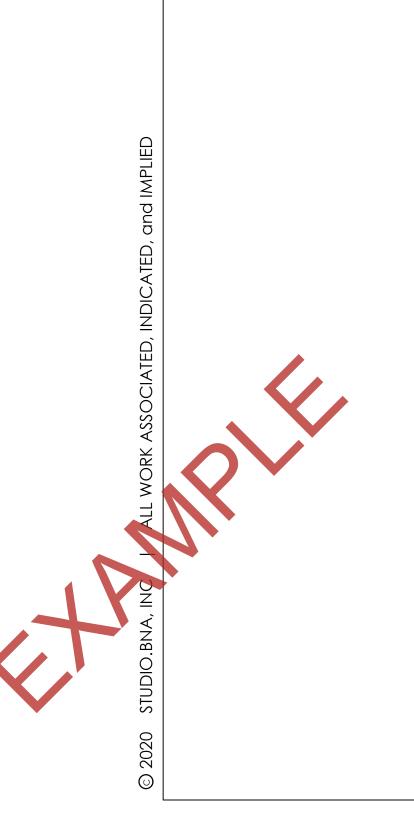


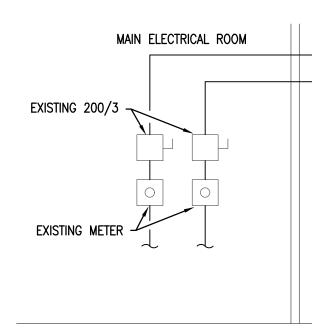
511	MAIN:	225A MLO							VOLT	AGE:	208/12	20	PHAS	SE: 3	WIR	E: 4	1	MOUNTING: SURFACE AIC:	EXISTING	
CKT	TRIP		LOAD (KVA)						PHASE				LOAD (KVA)						TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	ABC	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	20/1	OPEN WORK RECEPTACLES		0.9								0.5						OPEN WORK TABLE RECEPTAD	20/1	2
3	20/1	OPEN WORK RECEPTACLES		0.3					1.1.1			0.5					1.1	OPEN WORK TABLE RECEPTAD	20/1	4
5 20/1 COUNTERTOP RECEPTACLES				0.5							-	0.5						RECEPTION RECEPTACLES	20/1	6
7 20/1 COUNTERTOP RECEPTACLES				0.5							1	0.8					6.1.5	MOTORIZED CURTAIN	20/1	8
9	20/1	COUNTERTOP RECEPTACLES		0.5										2.8				RTU-1	50/3	10
11	20/1	COUNTERTOP RECEPTACLES		0.5										28						12
13	20/1	EF-A			0.2	1.1								28			103			14
15	20/1	EF-B			0.1	1.1	1.1		1.1			0.5					1.13	COUNTERTOP RECEPTACLES	20/1	16
17	20/2	WH-1				1.1.2			2.0			0.5					11	COUNTERTOP RECEPTACLES	20/1	18
19				1.0					2.0			0.8	1		6.1			DISHWASHER	20/1*	20
21	20/1 COPIER			0.5								0.8		-				REFRIGERATOR	20/1*	22
23	20/1	OFFICE 116 RECEPTACLES		1.1		111			1			0.8	1.1					REFRIGERATOR	20/1*	24
25	20/1	OFFICE 115 RECEPTACLES	1.11	1.1	1.1		1.1				1	0.5			111		0.10	ICE MACHINE	20/1*	26
27	20/1	OFFICE 114 RECEPTACLES		1.1							1	0.5						PHONE RM107/108 RECEPTACL	20/1	28
29	20/1	OFFICE 113 RECEPTACLES		1.1								0.5					1.4.5	CONF 104 RECEPTACLES	20/1	30
31	20/1	OFFICE 112 RECEPTACLES		1.3								0.5						CONF 104 TABLE RECEPTACLE	20/1	32
33	20/1	OFFICE 105/106 RECEPTACLES		1.1								0.5			1.1		11	TELE BACKBOARD	20/1	34
35	20/1	CONF 103 RECEPTACLES	11	0.7					1.00					4.1			243	EXISTING RTU	60/2	36
37	20/1	CONF 103 TABLE RECEPTACLE	i II	0.5		1.1				ΪT				4.1						38
39	20/1	LIGHTING	1.5	1.1													11.1	SPACE	-/1	40
41	20/1	SPARE		1.1		1.1.1		-	100	II T	_			1			22	SPARE	20/1	42
IGHT	ING (KVA)	: 1.5	1.5	11.7	0.3	0.0	0.0	0.0	4.0		0.0	8.2	0.0	16.6	0.0	0.0	0.0	CONNECTED LOAD (KVA):	42	2.3
RECEP	TACLES (KVA): 19.9												-	-			DEMAND LOAD (KVA):	37	7.4
NOTO	RS (KVA)	. 0.3						PH	ASE A	17	13	7.5								
1/C (F	(VA):	16.6	PHASE B							11 89.2								CONNECTED LOAD (AMPS): 117.4		7.4
EATI	NG (KVA)	. 0.0	PHASE C								15 125.8							DEMAND LOAD (AMPS): 103.7		3.7
(ITCH	EN (KVA)	. 0.0							-21	KVA	AN	IPS				-				112
MISCELLANEOUS (KVA): 4.0													_					AMPACITY REQUIRED:	10	4.7

 $\underbrace{\mathsf{KEYNOTES:}}{\text{(1) EXISTING PANEL TO REMAIN. PROVIDE CIRCUIT BREAKERS AS REQUIRED. FIELD VERIFY EXACT REQUIREMENTS.}$

② PROVIDE NEW CIRCUIT BREAKER IN EXISTING PANEL TO ACCOMMODATE NEW LOAD.

③ PROVIDE NEW 60A-2P CIRCUIT BREAKER IN EXISTING PANEL '1C' FOR EXISTING RTU. EXTEND EXISTING CIRCUITING FROM PANEL '1A' TO ACCOMMODATE NEW LOCATION IN PANEL '1C'.



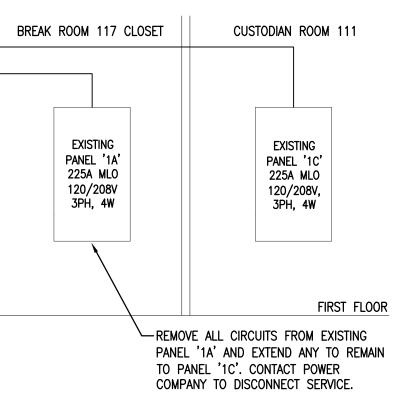


1 EXISTING RISER DIAGRAM



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drawing: PANEL SCHEDULE & RISER DIAGRAM



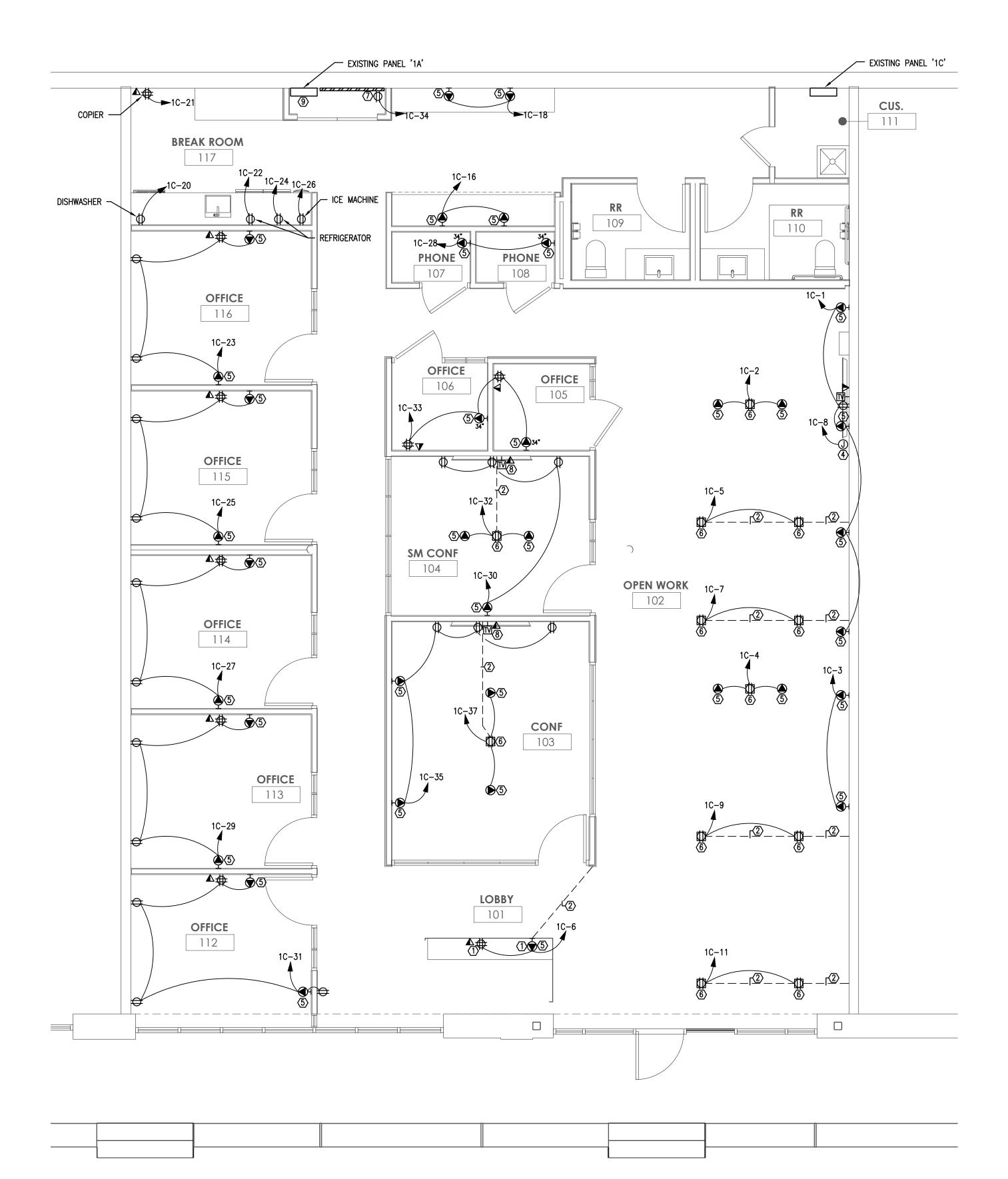
KEYNOTES:

- DEVICES TO BE MOUNTED IN MILLWORK. COORDINATE EXACT LOCATION AND MOUNTING
- REQUIREMENTS WITH ARCHITECT AND MILLWORK VENDOR. ALL CONDUITS SHALL BE CONCEALED. (2) DATA/TELEPHONE/CATV CONDUIT(S) TO BE WITHIN SLAB. COORDINATE EXACT REQUIREMENTS IN FIELD.
- (3) COORDINATE MOUNTING HEIGHT OF CATV DEVICE AND RECEPTACLES WITH ARCHITECT.
- (4) MOTORIZED CURTAIN. TRACK MOUNTED BELOW EXISTING JOISTS. COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECT AND CURTAIN MANUFACTURER.
- (5) PROVIDE USB/DUPLEX COMBINATION POP-UP OUTLET (MOCKETT PCS36A/USB). COORDINATE EXACT
- LOCATION WITH ARCHITECT AND VENDOR.
 FLOOR BOXES IN THE TILE/CARPET AREA TO BE LEGRAND WIREMOLD "RFB4" OR APPROVED EQUAL. FLOOR BOX SHALL BE FOUR-GANG, WITH ALL REQUIRED DEVICES AND ACCESSORIES FOR A PROPER INSTALLATION. PROVIDE WITH FLANGED ACTIVATION KIT (COLOR/FINISH PER ARCHITECT) WITH TILE/CARPET INSERT. PROVIDE (2) 1"C WITH PULLWIRE FROM COMPUTER/TELEPHONE OUTLET BELOW SLAB TO ABOVE ACCESSIBLE CEILING. COORDINATE FLOOR TYPE WITH ARCHITECT. VERIFY EXACT LOCATION/DIMENSIONS IN WRITING WITH INTERIOR DESIGNER PRIOR TO INSTALLATION.
- $\langle \overline{2} \rangle$ PROVIDE GROUND BUS WITH #6G TO MAIN ELECTRICAL SERVICE GROUND.
- (8) COORDINATE MOUNTING HEIGHT OF CATV DEVICE AND RECEPTACLES WITH ARCHITECT.
 (9) EXISTING PANEL '1A' TO BE ABANDONED. RELOCATE ANY CIRCUITS THAT ARE EXISTING TO REMAIN TO PANEL '1C'.

GENERAL NOTES:

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COORDINATE ALL FLOOR BOX LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN.
 ALL EXPOSED CONDUITS TO BE ROUTED ALONG BASEBOARD OR CEILING.



1 POWER PLAN



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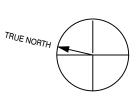
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DRAWING: POWER PLAN





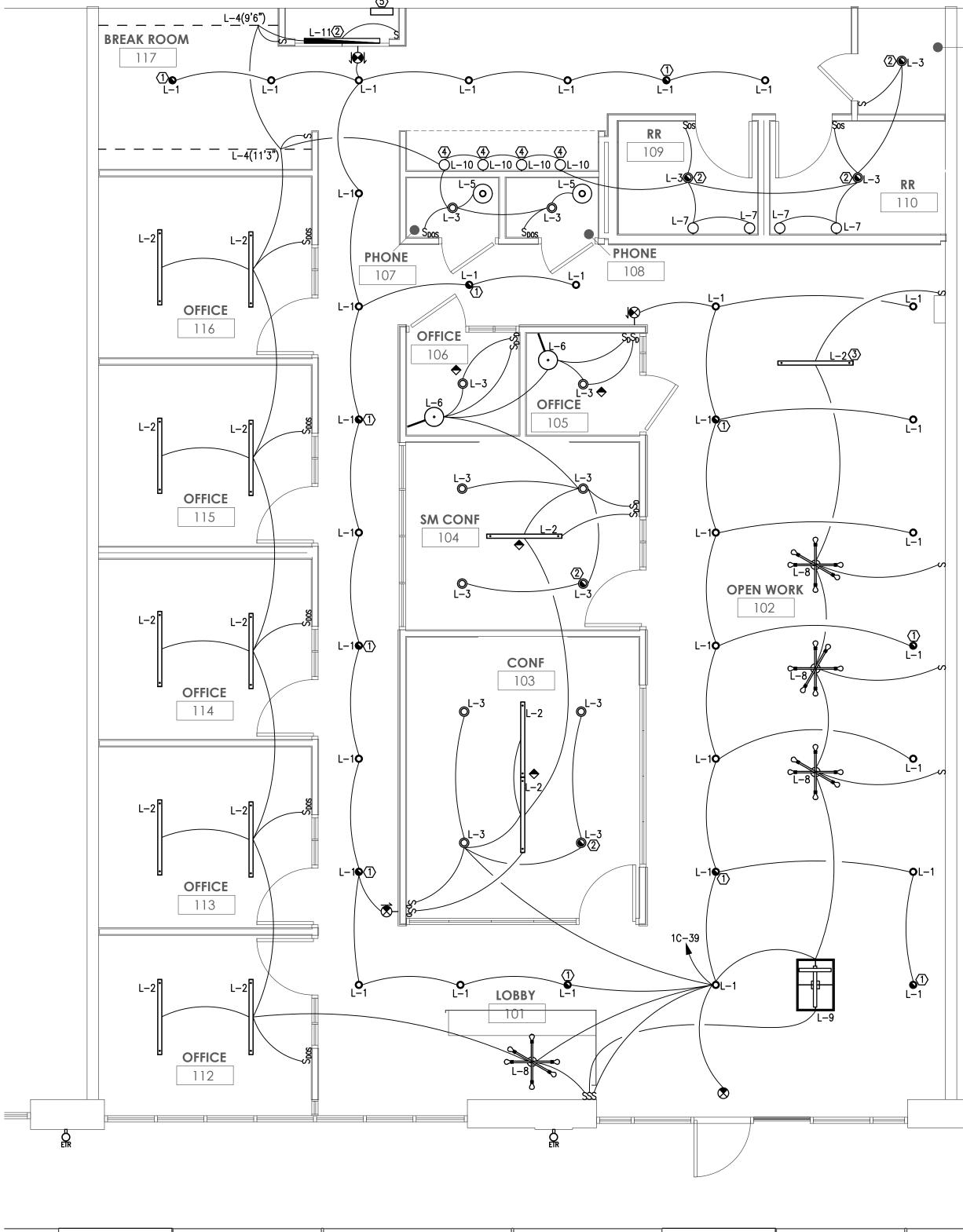
KEYNOTES:

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- (1) CONNECT LIGHT FIXTURE TO CIRCUIT VIA INVERTER. PER KEYNOTE 5. ALL FIXTURE LAMP SHALL BE SWITCHED ON/OFF. INVERTER SHALL BECOME ENERGIZED UPON LOSS OF CIRCUIT POWER. BANKING LOBBY SWITCHBANK. PROVIDE (2)SINGLE POLE SWITCHES.
- (2) FIXTURE SUPPLIED WITH EMERGENCY BATTERY PACK. ALL FIXTURE LAMPS SHALL BE SWITCHED ON/OFF. EMERGENCY BATTERY PACK SHALL BECOME ENERGIZED UPON LOSS OF CIRCUIT POWER.
 (3) FIXTURE FINISH COLOR BLACK.
- (4) LIGHT SWITCH LOCATED ON FIXTURE CORD.
- 5 PROVIDE (2) INVERTERS STACKED ON WALL, LIGHTGEAR LG-125. PROVIDE MOUNTING HARDWARE FOR PROPER SUPPORT. CONNECT TO SINGLE POLE SWITCH LOCATED AT LOBBY SWITCHBANK.





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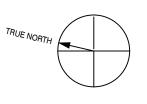
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DRAWING: LIGHTING PLAN





KEYNOTES:

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ALL WORK A.

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- (1) UNIT LOCATED ON ROOF.
- ② EXHAUST FAN TO REMAIN ON.
- ③ CONNECT HOT WATER RECIRCULATION PUMP TO NEAREST AVAILABLE 120V CIRCUIT. 120V,
- 1PH-1/10 HP. (4) CONNECT DUCT SMOKE DETECTOR TO NEAREST AVAILABLE 120V CIRCUIT.



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1C-17,19

WH-1; 4KW 208V, 1PH 30/2/NF



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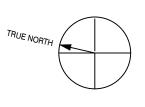
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DATE

Drawing: SYSTEMS PLAN





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SELECTED TO PROVIDE STARTING AND LIMIT LET-THRU CURRENT. ONTER RATINGS, STEES OR SPECIAL APPLICATIONS AS INDICATED. S. STATIONARY FRACTIONAL HORSEPOKER MOTORS NOT PROVIDED WITH INTEGRAL MOTOR RUNNING OVERLOP PROTECTION, OR INHERMENTY PROTECTION. I. STARTERS AND DISCONNECT SWITCH'S, ENCLOSED QUICK-WAKE AND QUICK-BREAK MECHANISMS. I. BRANCH DEGUT BREAKERS, DISCIDED CASL, MAKE AND QUICK-BREAK MECHANISMS. S. BRANCH OLD THE BREAKERS, MUDDED CASL, JUNKAR AND QUICK-BREAK MECHANISMS. C. STARTERS AND DISCONNECT SWITCH'S, ENCLOSED QUICK-WAKE AND QUICK-BREAK MECHANISMS. BRANCH DESCENT JUSTITUS BREAKERS, MUDDED CASL, JUNKAR AND QUICK-BREAK MECHANISMS. C. STARTISTICON, WINNIUM FRAVE SZEZ OF 100 AMPS AND A MINIMUM TRIP SZEZ OF 15 AMPS. C. CRUIDERING FOR MUDDED CASL, JUNTITUMATIC TERPINE, THE BREAK BSERVING HIGH INRUSH CIRCUITS FOR INCANEDESCENT JUSTITUS. CONDUCTORS: C. CONDUCTORS; SOFT DRAWN, ANNEALED COPPER WITH CONDUCTIVTY OF NOT LESS THAN 98 'ASTM' STANDARDS. C. CONDUCTORS; SOFT DRAWN, ANNEALED COPPER WITH CONDUCTIVTY OF NOT LESS THAN 98 'ASTM' STANDARDS. C. CONDUCTORS; SOFT DRAWN, ANNEALED COPPER WITH CONDUCTORY; CLASS 'B' OR 'C'. C. CONDUCTORS; COLOR CODED PER CODE AND UTILTY CO. C. CONDUCTORS; COLOR CODED PER CODE AND UTILTY CO. C. DUBLICTORS; C. DUBLICTORS; SOFT DRAWN, ANNEALED COPPER WITH CONDUCTORS; CLASS 'B' OR 'C'. C. DUBLICTORS; C. DUBLICTORS; COLOR CODED PER CODE AND UTILTY CO. C. DUBLICTORS; C. DUBLICTORS; CLASS TRAVIDED CONDUCTORS; CLASS 'B' OR 'C'. C. DUBLICTORS; C. DUBLICTORS; CLEER AND LIGHTING OR SZEE MANDEL, STRANDED, CONDUCTORS; CLASS 'B' OR 'C'. C. CONDUCTORS; CLEER AND LIGHTING OR SZEE MANDEL, STRANDED, CONDUCTORS; CLASS 'B' OR 'C'. C. CONDUCTORS; CLEER AND LIGHTING OR SZEE MANDEL, STRANDED, CONDUCTORS; CLASS 'B' OR 'C'. C. CONDUCTORS; CLEER AND LIGHTING OR SZEE MANDEL, STRANDED, CONDUCTORS; CLASS 'B' OR 'C'. C. CONDUCTORS; CLEER AND LIGHTING OR SZEE MANDEL, STRANDED, CONDUCTORS; CLASS 'B' OR 'C'. C. DUBLING ON COLORIS FOR THE CONDUCTORS READ BOOK; CLEER BALL BER AND LIGHTING ON		 SUBMIT SHOP DRAWINGS & PRODUCT INFORMATION FOR THE FOLLOWING: SERVICE & DISTRIBUTION EQUIPMENT PROTECTIVE DEVICES LIGHTING FIXTURES AND LAMPS WIRING DEVICES AND COVER PLATES
 2. DEFENDING: EQUI-PERT UNIT OF CALL BEAMER THE POLICING DAYLES; BUILE-OH OR SUMPERT (1. DISTRIBUTION EQUIPMENT; RATED FOR 240 OR 600 VAC, 60 HZ, FAULT CURRENT INTERRUPTING CAPACITY AS INDICATED, IN AMPERES, RMS, SYMMETRICAL, BUT NOT LESS THAN 10,000 AMPS, WITH SOLID NEUTRAL GROUND (S/N); ABB/GENERAL ELECTRIC (ABB–G.E.), SCHNEIDER ELECTRIC/SQUARE–D,
 MOLES, AND BURNUM, MARS DOTD, ON ANTERS, MIT, NOL STACES, BLOCES, MAR, BELTIN, YANG M, ACHARL RANG, CARL AND MARK DATE AND AND AND AND AND AND AND AND AND AND		2. DISTRIBUTION EQUIPMENT USING CIRCUIT BREAKER TYPE PROTECTIVE DEVICES; BOLTED-ON OR 'SQUARE D' I-LINE DEVICES.
 Bellinger Decision Press, Septience Spruch, Hum Ke, CH Auffrer Put, Electromy Schwart, Mith. Electromy Schwart,		INCHES, AND MINIMUM MAINS RATED 100 AMPERES, WITH POLE 'SPACES'; BUSSED AND READY FOR INSTALLATION OF PROTECTIVE DEVICES. CABINETS; FULL SIZED SINGLE DOORS WITH CHROMIUM PLATED COMBINATION CYLINDER LOCK AND CATCH AND TWO KEYS. "ABB/GENERAL ELECTRIC" OR
 THE EXTENSION OF THE CARRY EVALUATION FOR A DECIDENCE AND EXAMPLES IN CONTROL OF THE CARRY EVALUATION OF THE CARR		DISTRIBUTED CONSECUTIVE PHASE SEQUENCE SUCH THAT ONE OR MULTIPLE POLE BREAKERS CAN BE MOUNTED IN ANY POSITION. SOLID NEUTRAL BUS; WITH A FEEDER LUG AND WITH A
 PROVINE (GROUP LUCK AND CODE PROJERED ACCESSORES. SITURES LOCATED DUTING: INMEAN SUCCESSED WITH FOR LECTROLLY SITURE DUPWERT, PROVE SITURES A TORS, RUCKING LARD LUCKING, WITH COTE LECTROLLY SITURE DUPWERT, PROVESSIES. RESENTES IN BRANCH CONTENT, NON-REVEWERT CONTROL RESENTES AND 200 AND RECENT SITURES IN THE OWNER CONTROL REVERTS OF THE SOL OR 300 WEDGES IN THE OWNER CONTROL REVERSE CONTROL FUSIES INTER SOL ON 300 WEDGES IN BRANCH REVENUES, NON-REVEWERT CONTROL FUSIES, NOTE 200 AND 300 WEDGES IN THE OWNER CONTROL REVERSE CONTROL RESE, NOTE 200 AND STATES IN SITURES IN THE OWNER CONTROL REVERSE CONTROL RESE, NOTE 200 AND WEDGES IN THE PROVING SOL OF STATUS APPLICATION & INTEGRAL WIDTH REVENT WEDGES WEDGES IN THE PROVING SOL OF STATUS APPLICATION & INTEGRAL WIDTH REVENT WEDGES WEDGES INTERPORT WIDTHS INTERPORT WIDTHS INTEGRAL WIDTH REVENT WEDGES WEDGES INTERPORT WIDTHS INTEGRAL WIDTH REVENT WEDGES INTEGRAL DEVELOPMENT WEDGES INTERPORT WIDTHS INTERPORT WIDTHS INTEGRAL WIDTH REVENT WEDGES WEDGES INTERPORT WIDTHS INTEGRAL WIDTH REVENT WEDGES INTEGRAL TO THE SAME WEDGES INTEGRAL REVENT WIDTH ON A MULTI-WINE CONDUCTIONS WEDGES INTEGRAL REVENT WIDTH ON A MULTI-WINE CONSIGNATION IN THE SAME WEDGES INTEGRAL REVENT WIDTH ON A MULTI-WINE CONSIGNATION IN THE SAME WEDGES INTEGRAL REVENT WIDTH ON A MULTI-WINE CONSIGNATION IN THE SAME WEDGES INTEGRAL REVENT WIDTH ON A MULTI-WINE CONSIGNATION IN THE SAME WEDGES INVERTING AMULTI-WINE CONSIGNATION IN THE SAME W		THE BOTTOM OF THE CABINET NOT CLOSER THAN 6 INCHES TO THE FLOOR/GRADE, PROPERLY ALIGNED AND SUPPORTED INDEPENDENTLY OF THE CONNECTING RACEWAYS. COMPLETE INSIDE
 PLOSE, MELLONG, LEVER LEDRING, MAID, PR. HE CONVECTING IS, AND AMERINATE RECOMMENDING IN AN CHARGE SINCES WITH COSE RESURCE ACTIONS RECOMMENDING IN AN CHARGE PROVIDE WITH COSE RESURCE ACTIONS RECOMMENDING IN AN CHARGE PROVIDE WITH COSE RESURCE ACTIONS RESURCES. B. FUED SWITCHES, IN GRACH CRUITS, KINN-RENEWABLE COMPARED ACTIONS RESURCES IN THE 220 DR 310 ACTION IN THE INFORMATION IN THE INTER INTER INFORMATION IN THE INTER INTER INTO INTO INFORMATION IN THE I		PROVIDE GROUND LUGS AND CODE REQUIRED ACCESSORIES. SWITCHES LOCATED OUTSIDE;
 We OR 600/WE & POLICING: DO LARGE DALL ELEVENT CURRENT LATING CLERES LASS Text-1, OR Text-SELECTION OF THE PRIVIDE STORE AND MULTI-THIN CLEREST. STATUERS AND DESCONNECT SERVICEAL APPLICATIONS AS INDOCED. STATUERS AND DESCONNECT SERVICEAL APPLICATIONS AS INDOCED. STATUERS AND DESCONNECT SERVICEALING PROTECTION OF A FRACTIONAL. INDOMANT PROTECTIONS OF A FRACTING PROTECTION OF A FRACTIONAL. STATUERS AND DESCONNECT SERVICEALING PROFESSION. STATUERS AND DESCONNECT SERVICEALING PROTECTION. CONDUCTORS: SOFT DRAIN, ANNEALED CORPER WITH CONDUCTIONS OF NOT LESS THAN 98 STATUERS AND ARG. STATUER AND AND AND AND AND AND AND AND AND AND		FUSES, INCLUDING HEATER ELEMENTS, RATED PER THE CHARACTERISTICS AND NAMEPLATE RATINGS OF EQUIPMENT IN ACCORDANCE WITH CODE REQUIREMENTS, MANUFACTURER'S
 STATUME FRACTIONAL HORSENVERY NOTICES ON THRONGED WITH NEET ALE PRACTIONAL WORSENGING STATUTES PROVIDED STRUCTURE DIA TOSING WITHOUT AND THROTONAL MORSENGING STATUTES PROVIDED STRUCTURE DIA TOSING WITHOUT AND THRONGENOUS. STARTERS AND DISCONDECT SWITCHES; ENCLOSED QUICK-MAKE AND QUICK-BREAK RECHANNES. BRANCH CRUCT BREAKERS, NOLED CASE, ALTOWING TRIPPING TYPE, BUIT-ON OR 1-LINE CONSTRUCTION, MIMMUN TRAVE SIZE OF 10 AMPS AND A MINUAU TRAVES (2007) TO AMPS AND A MINUAU TRAVES. CONDUCTORS SIGNED CASE, ALTOWING TRIPPING TYPE, BUIT-ON OR 1-LINE CONSTRUCTION, MIMMUN TRAVE SIZE OF 10 AMPS AND A MINUAU TRAVES (2007) TO AMPS AND A MINUAU TRAVES. CONDUCTORS SIGNED FOR MULTI-WRE CORCUTS CONSECUTIVELY ON THE SAME SIZE OF THE CAMBOL STATUS STANDARD CONDUCTORS. CONDUCTORS SIGNED FOR MULTI-WRE CORCUT AND AND TRAVE SIZES. CONDUCTORS SIGNED FOR CORE AND UTILITY CO. CONDUCTORS SIGNED FOR MULTI-WREE CONDUCTORS; CLUSS 19' OR 'C'. CONDUCTORS: CONDUCTORS: TRAVENED. STRANDED. STRANDED. CONDUCTORS: CONDUCTORS WILL PROVIDED. NE & AMP SIZE AND LANDARY. STRANDED. STRANDED. CONDUCTORS: CONDUCTORS WILL PROVIDED. CONDUCTORS: MULTI-WHERE MULTICLE CONDUCTORS ARE CONNECTED TO THE SAME DECONDUCTORS WILL PROVIDE BY THE FUNCT. CONDUCTORS: MULTI-WHERE MULTICLE CONDUCTORS ARE CONNECTED TO THE SAME DECONDUCTORS WILL PROVIDE BY THE FUNCT. CONDUCTORS: MULTI-WHERE MULTICLE CONDUCTORS ARE CONNECTED TO THE SAME DECONDUCTORS WILL PROVIDE BY THE FUNCT. CONDUCTORS: MULTI-WHERE MULTICLE CONDUCTORS ARE CONNECTED TO THE SAME DECONDUCTORS. CONDUCTORS: MULTI-WHERE MULTICLE CONDUCTORS WILL PROVIDE BY THE CANDAR DO ADAY AND ADAY AND ADAY AND ADAY A		VAC OR 600VAC AS FOLLOWS: * SIZES 1 – 200 AMPS: DUAL ELEMENT, CURRENT LIMITING FUSES, CLASS 'RK–1', OR 'RK–5 SELECTED TO PROVIDE STARTING AND LIMIT LET–THRU CURRENT.
 STARTERS AND DISCONNECT SWICHES; ENCLOSED QUICK-MAKE AND QUICK-BREAK INCOMPLICING. INNUMANT REPARE SIZE OF LAMES, CONSTRUCTION, UNIT PARE SIZE OF LOS AMES AND A UNIMANT REP SIZE OF LAMES, CONSTRUCTION, UNIT PARE SIZE OF LOS AMES AND A UNIMANT REP SIZE OF LAMES, CONSTRUCTION, UNIVER PARE SIZE OF LOS AMES AND A UNIVER SIZE AND LIGHTING. CROUDTORS: CONDUCTORS: SOFT DRAWN, ANNEALED COPPER WITH CONDUCTIVITY OF NOT LESS THAN 88 ASTA' STRANDARDS. CONDUCTORS: CONDUCTORS: SOLD FOR MULTI-WIRE CIRCUITS CONSECUTIVELY ON THE SAME SIZE CONDUCTORS: CONDUCTORS:		9. STATIONARY FRACTIONAL HORSEPOWER MOTORS NOT PROVIDED WITH INTEGRAL MOTOR RUNNING OVERLOAD PROTECTION, OR INHERENTLY PROTECTED BY DESIGN; SWITCHED BY A FRACTIONAL
CONSTRUCTION, MINUMUM FRAME SIZE OF 100 AMPS AND A MINUMUM FRAMES CALMENGE CALMENTED FOR ACCE, FROME SURVEYER SERVING HIGH INTER CIRCUITS FOR MICRANESCENT LIGHTME. 12. GROUP SINCE-POLE BREAKERS USED FOR MULTI-WIRE CIRCUITS CONSECUTIVELY ON THE SAME SIDE OF THE CABINET. CONDUCTORS: 1.C. CONDUCTORS: 1.C. CONDUCTORS: 1.C. CONDUCTORS: 2. CONDUCTORS: 3. CONDUCTORS: 3. CONDUCTORS: 4. CONDUCTORS: 4. CONDUCTORS: 4. CONDUCTORS: 5. CONDUCTORS: 5. CONDUCTORS: 5. CONDUCTORS: 5. CONDUCTORS: 5. CONDUCTORS: 5. CONTROL CONCUTS, MINIMUM ANG No.1.4. 6. DEVER AND CLEAR UNDERES: STRUCTURES: STRUED DO NOUCTORS; CLASS 'B' OR 'C'. 6. CONTROL CONDUCTORS: MINIMUM ANG NO.1.4. 7. CONTROL CONDUCTORS: MINIMUM ANG NO.1.4. 7. DEVER AND CLEAR UNDERES: STRUEDED CONDUCTORS; CLASS 'B' OR 'C'. 8. DEVER AND CLEAR UNDERES: STRUEDED CONDUCTORS; CLASS 'B' OR 'C'. 8. DEVER AND CLEAR UNDERES: STRUEDED CONDUCTORS; CLASS 'B' OR 'C'. 8. DEVER AND CLEAR UNDERES: STRUEDED CONDUCTORS; CLASS 'B' OR 'C'. 8. DEVER AND CLEAR UNDERES: STRUEDED CONDUCTORS; CLASS 'B' OR 'C'. 8. DEVER AND CLEAR UNDERES: STRUEDED CONDUCTORS; CLASS 'B' OR 'C'. 8. DEVER AND CLEAR UNDERES: STRUEDED CONDUCTORS; CLASS 'B' OR 'C'. 1. DEVER AND CLEAR UNDERES TO REDUCE CONDUCTORS; CLASS 'B' OR 'C'. 1. DEVER AND CLEAR UNDERES TO REDUCE CONDUCTORS; CLASS 'B' OR 'C'. 1. DE ASTRUET LUG FOR EACH CONDUCTORS INTO HOUSE SATE BOOM TO DUIDE BY 1. THE SAME LLOG FOR EACH CONDUCTORS; UNDER MULTIPLE CONDUCTORS ARE DONNECTED TO 1. THE SAME LLOG FOR EACH CONDUCTORS; UNDER MULTIPLE CONDUCTORS ARE DONNECTED TO 1. THE SAME LLOG FOR EACH CONDUCTORS; UNDER MULTIPLE CONDUCTORS ARE DONNECTED FOR 1. DEVELOPMENT DUID TO STRUET TO MERE CLEAR UNTIPLE CONDUCTORS OF THW. THEM, 'THMM' OR 'XHHM'. 3. DEALCH CONDUCTORS; UNDER DUIDTING SO THEM, 'THMM' OR 'XHHM'. 4. STRUED REDUCTIONS, ON CONDUCTORS FOR THE CLEAR ON THE OR DUARED REDUCTIONS OF THMM' OR 'XHHM'. 4. STRUED REDUCTIONS OF THE CLEAR OF THE CLEAR ON THE CLEAR ON THE CLEAR OF THE CLEAR ON THE CLEAR ON THE CLEAR OF THE 'THMM' OR 'XH		
SIDE OF THE CABINET. CONDUCTORS: 1 STANDARDS. 2. CONDUCTOR SIZE NUMBERS; AMERICAN WIRE GAUGE (AWG, SYSTEM, STANDARD TRADE SIZES. 3. CONDUCTOR SIZE NUMBERS; AMERICAN WIRE GAUGE (AWG, SYSTEM, STANDARD TRADE SIZES. 3. CONDUCTORS; COLOR CODED PER CODE AND UTILITY CO. 4. CONDUCTORS; COLOR CODED PER CODE AND UTILITY CO. 4. CONDUCTORS; COLOR CODED PER CODE AND UTILITY CO. 4. CONDUCTORS; COLOR CODED PER CODE AND UTILITY CO. 5. USE A SEPARATE LUG STREAMED. STANDED. STRANDED. 5. USE A SEPARATE LUG FOR EACH CONDUCTOR STREAMED. STRANDED CONDUCTORS; CLASS 'B' OR 'C'. 5. USE A SEPARATE LUG FOR EACH CONDUCTOR WIERE MULTIPLE CONDUCTORS ARE CONNECTED TO THE SAME ELECTICAL TERMINAL POSTION 5. USE A SEPARATE LUG FOR EACH CONDUCTOR WIERE MULTIPLE CONDUCTORS ARE CONNECTED TO THE SAME LUCATION TO ADJUCTORS; UNSPLICED EXCEPT WHERE CIRCUITS ARE SHOWN TO DIVIDE BY THE PLANS. 7. CEREPAL WIRING CONDUCTORS OPERATING AT 600 VOLTS AND BELOW; RATED 60 HERTZ, 600 VOLTS, WITH 3760 OC 90 CC INJULION AS FOLLOWS: A FEEDER CONDUCTORS INTED FOR WIT LOCATIONS OF THW, THAWY OR XHHW, B BRANCH CIRCUIT CONDUCTORS FORE FOR WIT LOCATIONS OF THW, THAWY OR XHHW, C. RATED LICATIONS, OR LOCATIONS FOLLOWS: AND BELOW; RATED 60 HERTZ, 600 VOLTS, WITH 3760 CONDUCTORS FORE FOR CHARTONS OF THW, THAWY OR XHHW, C. RATED LICATIONS, OR LOCATIONS FOLLOWS: AND BELOW; RATED 60 HERTZ, 600 VOLTS, WITH ACKNOL DOWNLOWS: AND CARLE TAPD OR MADE OR REASES IN SLAB 4. OR LICATIONS, OR LOCATIONS FOLLOWS: AND BELOW; RATED 60 HERTZ, 600 VOLTS, WITH ACKNOL DOWNLOWS: AND CARLE ADVE 3760. THAW, THAWY OR XHHW, C. RATED LICATIONS, OR LOCATIONS FOLLOWS: AND CARLE OR THAW, OR XHHW, C. RATED LICATIONS, OR LOCATIONS FOLLOWS: AND CARLE OR THAW, OR XHHW, C. RATED LICATIONS, OR LOCATIONS FORE PARCE AND REASES. 4. SUTABLE HORY ON CONDUCTORS FORE DATES TAPED OR MADE-UP WITH MATERIALS HAVING A SUTABLE HORY ON LOCATIONS FORE FORCE OR TAPED OR THOUSE, THAW, OR YHHW, C. RATED LICATIONS AND CARLE CONTROLLED STATED CONTROLLED. WITH A TRADES STELL ADVE ADVE ADVE ACCESSIBLE		CONSTRUCTION, MINIMUM FRAME SIZE OF 100 AMPS AND A MINIMUM TRIP SIZE OF 15 AMPS, CALIBRATED FOR 40oC. PROVIDE SUITABLE TYPE BREAKERS SERVING HIGH INRUSH CIRCUITS FOR
 CONDUCTORS: SOFT DRAWN, ANNEALED COPPER WITH CONDUCTIVITY OF NOT LESS THAN 98 ASTM: STANUARDS. CONDUCTOR SIZE NUMBERS; AMERICAN WIRE GAUGE (AWG. SYSTEM, STANDARD TRADE SIZES. CONDUCTORS; COLOR CODED PER CODE AND UTILITY CO. CONDUCTORS; COLOR CODE AND UTILITY STANDED CONDUCTORS; CLASS 'B' OR 'C'. NO WIRE STANDED CREATING OR SIZE INCREASE TO REDUCE VOLTAGE DROP. USE A SEPARATE LUE OF READ LARGER: STANDED. USE A SEPARATE LUE OF READ CANDUCTOR WHERE MULTIPLE CONDUCTORS ARE CONNECTED TO THE SAME ELECTRICAL TERMINAL POSITION BRANCH CORCUT CONDUCTORS; UNSPLICED EXCEPT WHERE CIRCUTS ARE SHOWN TO DIVIDE BY THE FLANS. GENERAL WIRING CONDUCTORS OPERATING AT 600 VOLTS AND BELOW; FARED 60 HERTZ, 600 VOLTS, WITH 750 CONDUCTORS OPERATING AT 600 VOLTS AND BELOW; RARED 60 HERTZ, 600 VOLTS, WITH 750 CONDUCTORS OPERATING THE UDIVIDE BELOW GRADE OR ENCASED IN SLAB "ON GRADE, OF THW, THWN, YMHWY OR 'THAN'. BRANCH CONDUCTORS RATED FOR WEIL LOCATIONS OF THAN'. THAN' OR 'XHHW'. BRANCH CONDUCTORS RATED RAVE CONST SOCIES BELOW GRADE OR ENCASED IN SLAB "ON GRADE, OF THW, THAN', YMHWY OR 'THAN'. CRATED LUCHTING CONDUCTORS FOR CREATING SOCIE RATING. MO CHICK APPROVED TYPE. D. JOINTS ON CONDUCTORS RATED RAVE ACCESSIBLE CELLINGS. MC CABLE SHALL BE PERMITED TO BE USED IN NON-ACCESSIBLE AREAS. ROCHWAYS: IN ORDINARY LOCATIONS OF EXCEPT RACEWAYS IN EQUIPMENT ROOMS RUN EXPOSED. INSTALL WIRING IN METALLIC, RIGH TYPE RACEWAYS IN EQUIPMENT ROOMS RUN EXPOSED. ROBE (NOT IN WEIT OR DAMP LOCATIONS OR EXPOSED TO MECHANICAL INJURY); STEEL, ELECTRICAL METALLICAL CONSECLED, EXCEPT RACEWAYS IN EQUI		
 CONDUCTOR SIZE NUMBERS; AMERICAN WIRE GAUGE (AWG. SYSTEM, STANDARD TRADE SIZES. CONDUCTORS; COLOR CODED PER CODE AND UTILITY CO. CONDUCTORS; No.10 AWG SIZE AND LWARER; STANDED. NO.810 AWG SIZE AND LWARER; STRANDED. CONDUCTORS; CLASS 'B' OR 'C'. CONTROL CIRCUITS; MINIUM WAY No.114. POWER AND LUSTING BRANCH CIRCUITS; STRANDED CONDUCTORS; CLASS 'B' OR 'C'. CONTROL CIRCUITS; MINIUM WAY No.114. POWER AND LUSTING BRANCH CIRCUITS; MOREASE TO REDUCE VOLTAGE DROP. USE A SERVARTE LUG FOR EACH CONDUCTOR WHERE MULTIPLE CONDUCTORS ARE CONNECTED TO THE SAWE LECTRICAL TERMINAL POSITION BERANCH CIRCUIT CONDUCTORS; UNSPLICED EXCEPT WHERE CIRCUITS ARE SHOWN TO DIVIDE BY THE PLANS. GENERAL WIRING CONDUCTORS OPERATING AT 500 VOLTS AND BELOW; RATED 60 HERTZ, 600 VOLTS, WITH 750C OR BOAC MOLUTIONS FOR CIRCUITS RECIPTOR GRADE OR ENCASED IN SUBBLING THAN'. BERNCH CONDUCTORS TARED FOR WET LOCATIONS OF 'THW', 'THWN' OR 'XHW'. BERNCH CONDUCTORS TARED FOR OR CIRCUITS RECIPTOR GRADE OR ENCASED IN SLAB WITH OCTONATIONS, OR 'THW', 'THWN' OR 'XHW'. BERNCH CONDUCTORS TARED FOR CIRCUITS RECUIRED GRADE OR ENCASED IN SLAB WITH SCOLOR THING. C. RATED LIGHTING CONDUCTORS TARED ABOVE 750C; TAFED OR MADE-UP WITH MATERIALS HAVING A 'SUTHAN'. INSTALL WIRING IN WET ADD. CONCUCTORS TARED ABOVE ACCESSIBLE CELLINGS. MC CABLE SHALL BE PERMITTED TO BE LUSED IN MON-ACCESSIBLE GRAD SO CONCUTIONS RUN EXPOSED TO DE CLESD IN MON-ACCESSIBLE GRAD. INSTALL WIRING IN WET AND CASEL CONCELLED, EXCEPT RACEWAYS ABOVE ACCESSIBLE CELLINGS. MC CABLE SHALL BE PERMITED TO DE LUSED IN MON-ACCESSIBLE GRAD SO CONTING, THAN', 'THAN' OR 'XHHW'. INSTALL WIRING IN METALLC, RIGID PYPE RACEWAYS ABOVE ACCESSIBLE CELLINGS. MC CABLE SHALL BE PERMITED TO DE LUSED IN MON-ACCESSIBLE GRAD SO CONTING, CONCUC ONS RUN A SUTABLE MORTAL TRUNCAGUANY ABOVE		1. CONDUCTORS; SOFT DRAWN, ANNEALED COPPER WITH CONDUCTIVITY OF NOT LESS THAN 98
 CONDUCTORS; No.0 AWG SIZEAND SMALLER; SOLD OR STRANDED. No.8 AWG SIZE AND LARGER; STRANDED. STRANDED CONDUCTORS; CLASS 'B' OR 'C'. CONTROL, CRCUITS; MINIMUM AWG, GAL, STRANDED, CONDUCTORS; CLASS 'B' OR 'C'. CONTROL, CRCUITS; MINIMUM AWG, GAL, STRANDED, STRANDED, CONDUCTORS; CLASS 'B' OR 'C'. CONTROL, CRCUITS; MINIMUM AWG, GAL, STRANDED, STRANDED, CONDUCTORS; CLASS 'B' OR 'C'. CONTROL, CRCUITS; MINIMUM AWG, GAL, STRANDED, STRANDED, STRANDED, CONDUCTORS ARE CONNECTED TO THE SAME ELECTRICAL TERMINAL POSITION BRANCH, CIRCUIT CONDUCTORS; UNSPLICED EXCEPT WHERE CIRCUITS ARE SHOWN TO DMIDE BY THE FLANS. COENERAL WIRING CONDUCTORS; DEPARTING AT 600 VOLTS AND BELOW; RATED 60 HERT, 600 VOLTS, WITH FLANS. BRANCH, CONDUCTORS; DEPARTING AT 600 VOLTS AND BELOW; RATED 60 HERT, 600 VOLTS, WITH FLANS. A FEEDER CONDUCTORS; DEPARTING AT 600 VOLTS AND BELOW; RATED 60 HERT, 600 VOLTS, WITH Y, 'THWY', OR YHHW', BRANCH, CONDUCTORS; RATED FOR WE', 'THWY', 'THWY', OR YHHW', BRANCH, CONDUCTORS; RATED FOR WE', 'THWY', 'THWY', OR YHHW', BRANCH, CONDUCTORS; RATED ADOVE 75-C; TAPED OR MADE- UP WITH MATERIALS HAVING 'N OR YHHW', BARANDE, CONDUCTORS; RATED ADOVE 75-C; TAPED OR MADE- UP WITH MATERIALS HAVING 'N OR YHHW', OR OTHME', 'THWY', 'N, 'YHHY', 'N, 'N, 'N, 'YHHY', 'N, 'N, 'N, 'N, 'N, 'N, 'N, 'N, 'N, '		
 No.10 AWG SIZEAND SMALLER; SOLD OR STRANDED. No.8 AWG SIZE AND LARGER; STRANDED. STRANDED. CONDUCTORS; CLASS 'B' OR 'C'. CONTROL CIRCUTS; MINIMUM AWG NO.14. POWER AND LIGHTING BRANCH CIRCUTS; WIS # 12 FOR GENERAL CIRCUTS NOT REQUIRING DERATING OR SIZE INCREASE TO REDUCE VOLTAGE DROP. USE SPARATE LUC FOR EACH CONDUCTOR WHERE MULTIPLE CONDUCTORS ARE CONNECTED TO THE SAME ELECTRICAL TERMINAL POSITION BRANCH CIRCUT CONDUCTORS; UNSPLICED EXCEPT WHERE CIRCUTS ARE SHOWN TO DIVIDE BY THE PLANS. GENERAL WIRKING CONDUCTORS OFFAITING AT GOD VOLTS AND BELOW; RATED 60 HERTZ, 600 VOLTS, WITH 750C 09 BOC INDUCTIONS STATED FOR: GENERAL WIRKING CONDUCTORS STATED FOR: HERDER ONDUCTORS FATED FOR: HERDER ONDUCTORS FATED FOR: HERDER ONDUCTORS FATED FOR: ON GRADE OF THW, 'THWN' OR 'XHHW'. BRANCH CIRCUTORS FOR CIRCUTORS FOR CIRCUTS BOD WITHW ATTENDAL OF YHHW'. ON GRADE OF THW, 'THWN' OR 'XHHW'. ON CONDUCTORS FOR CIRCUTS FOR CIRCUTS GOO CRAING; 'THHN' OR 'XHHW'. ON CONDUCTORS FOR CALED ABOVE 755C; TAPED OR MADE-UP WITH MATERIALS HAVING A SUTTABLE HIGH TEMPERATURE RATING. RACEWAYS INSTALL WIRING IN METALLIC, RIGID TYPE RACEWAYS ABOVE ACCESSIBLE CELLINGS. MC CABLE SHALL BE PERMITED TO BE USED IN NON-ACCESSIBLE AREAS. RADEWAYS AND CABLE CONCELLED, EXCEPT RACEWAYS IN EQUIPMENT ROOMS RUN EXPOSED. RADEWAYS IN ORDINARY LOCATIONS OR EXPOSED TO MECHANICAL INJURY); STEEL, ELECTRICAL METALLIC TRIBUE METAL CONTONS OR EXPOSED TO MECHANICAL INJURY); STEEL, ELECTRICAL METALLIC TRIBUE METAL CONTONS OR CABLES COLUMENT MADE UP WATER TIGHT. RADEWAYS IN ORDINARY LOCATIONS; OR CLADES CONT THROUGH TWO-HOUR OR MORE RATED FIRE BARRIERS; GALVANIZED R		
 THE PLANS. 7. GERERAL WRING CONDUCTORS OPERATING AT 600 VOLTS AND BELOW; RATED 60 HERTZ, 600 VOLTS, A. FEEDER CONDUCTORS RATED FOR WET LOCATIONS OF 'THW', 'THWN' OR 'XHHW'. 8. BRANCH CONDUCTORS RATED FOR WET LOCATIONS OF 'THW', 'THWN' OR 'XHHW'. 9. WET LOCATIONS OF 'THW', 'THWN' OR 'XHHW'. • DRY LOCATIONS OF 'THW', 'THWN' OR 'THHN'. • DRY LOCATIONS OF 'THW', 'THWN' OR 'THHN'. • OR YOLCORS CONDUCTORS RATED FOR WET LOCATIONS LOCATED BELOW GRADE OR ENCASED IN SLAB ON ORADE, OF 'THW', 'THWN', 'XHHW' OR 'THHN'. • ORY LOCATIONS OF 'THW', 'THWN', 'XHHW', OR 'THHN', OR 'THHN', OR 'THHN', OR 'THHN', OR OTHER APPROVED TYPE. D. JOINTS ON CONDUCTORS RATE ABOVE 75-C; TAPED OR MADE-UP WITH MATERIALS HAVING A SUITABLE HIGH TEMPERATURE RATING. RACEWAYS: 1. INSTALL WIRING IN METALLIC, RIGID TYPE RACEWAYS ABOVE ACCESSIBLE CEILINGS. MC CABLE SHALL BE PERMITTED TO BE USED IN NON-ACCESSIBLE AREAS. 2. MUN RACEWAYS AND CABLE CONCEALED, EXCEPT RACEWAYS IN EQUIPMENT ROOMS RUN EXPOSED. 3. RACEWAYS IN ORDINARY LOCATIONS: • INSIDE (NOT IN WET OR DAMP LOCATIONS OR EXPOSED TO MECHANICAL INJURY); STEEL, ELETRCAL METALLIC TUBING (EMT) OR MC CABLE. • EXPOSED OUTSIDE, THROUGH OUTSIDE WALL OR ROOF, OR THROUGH TWO-HOUR OR MORE RATED FIRE BARRIERS; CALVANIZED RIGID STEEL (GRS) CONDUIT MADE UP WATER TIGHT. • FINAL CONNECTION IN DRY LOCATIONS OR EXPOSED TO MECHANICAL INJURY); STEEL, ELETRER METALLIC TUBING, GNOT, OR THROUGH TWO-HOUR OR MORE RATED FIRE BARRIERS; CALVANIZED RIGID STEEL (GRS) CONDUIT MADE UP WATER TIGHT. • FINAL CONNECTION IN DRY LOCATIONS SI CONDUNTING THAVET TIGHT. • FINAL CONNECTION IN DRY LOCATIONS SI EXELOR DAMP LOCATIONS, LUGUIDTORH FLEXIBLE METALL CONDUMI (UT FLEXIBLE METALL CO		 * No.10 AWG SIZEAND SMALLER; SOLID OR STRANDED. * No.8 AWG SIZE AND LARGER; STRANDED. STRANDED CONDUCTORS; CLASS 'B' OR 'C'. * CONTROL CIRCUITS; MINIMUM AWG No.14. * POWER AND LIGHTING BRANCH CIRCUITS; AWG # 12 FOR GENERAL CIRCUITS NOT REQUIRING DERATING OR SIZE INCREASE TO REDUCE VOLTAGE DROP. 5. USE A SEPARATE LUG FOR EACH CONDUCTOR WHERE MULTIPLE CONDUCTORS ARE CONNECTED TO
 VOLTS, WITH 756C OR 906C INSULATION X5 FOLLOWS: A. FEEDER CONDUCTORS: RATED FOR WET LOCATIONS OF 'THW', 'THWN' OR 'XHHW'. BRANCH CONDUCTORS RATED FOR: WET LOCATIONS, OR LOCATIONS LOCATED BELOW GRADE OR ENCASED IN SLAB ON GRADE, OF 'THW', 'THWN' OR 'XHHW'. POR UDCATIONS OF 'THW', 'THWN' OR 'XHHW'. C. RATED LIGHTING CONDUCTORS FOR CIRCUITS REQUIRING 906C RATING; 'THHN', OR 'XHHW'. D. JOINTS ON CONDUCTORS RATED ABOVE 755C; TAPED OR MADE-UP WITH MATERIALS HAVING A SUITABLE HIGH TEMPERATURE RATING. RACEWAYS: I. INSTALL WIRING IN METALLIC, RIGID TYPE RACEWAYS ABOVE ACCESSIBLE CEILINGS. MC CABLE SHALL BE PERMITTED TO BE USED IN NON-ACCESSIBLE AREAS. RUN RACEWAYS AND CABLE CONCEALED, EXCEPT RACEWAYS IN EQUIPMENT ROOMS RUN EXPOSED. RACEWAYS IN ORDINARY LOCATIONS: INSIDE (NOT IN WET OR DAMP LOCATIONS OR EXPOSED TO MECHANICAL INJURY); STEEL, ELECTRICAL METALLORIN IN DRY LOCATIONS OR EXPOSED TO MECHANICAL INJURY); STEEL, ELECTRICAL METALLORING ICHTING FIXTURES; FLEXIBLE METALL CONDUIT OR FLEXIBLE METALL CONDUIT OR PLAYED WITH MADE UP WATER TIGHT. FINAL CONNECTIONS IN DRY LOCATIONS OR EXPOSED TO MECHANICAL INJURY); STEEL, ELECTRICAL METALLORING IN MET OR DAMP LOCATIONS OR EXPOSED TO MECHANICAL INJURY); STEEL, ELECTRICAL METALLORING IN DRY LOCATIONS OR EXPOSED TO MECHANICAL INJURY); STEEL, ELECTRICAL METALLORING IN DRY LOCATIONS SERVINES, FLEXIBLE METALL CONDUIT OR FLEXIBLE METALL CONDUIT OR MORE RATED FIRE BARRIERS; GAUNAIZED RIGID STEEL (GRS) CONDUIT MADE UP WATER TIGHT. FINAL CONNECTIONS IN DRY LOCATIONS SERVINES IN WET OR DAMP LOCATIONS, LIQUIDITIONT FLEXIBLE METALL CONDUIT OR FLEXIBLE METALL CONDUIT ON FLEXIBLE METALL CONDUIT ON FLEXIBLE METALL CONDUIT ON FLEXIBLE METALL CONDUIT ON COMPRESSION STEEL, FOR ANY WET OR DAMP LOCATION OR FEEDER. KET SCREW OR RA		
A SUITABLE HIGH TEMPERATURE RATING. RACEWAYS: 1. INSTALL WIRING IN METALLIC, RIGID TYPE RACEWAYS ABOVE ACCESSIBLE CEILINGS. MC CABLE SHALL BE PEMITTED TO BE USED IN NON-ACCESSIBLE AREAS. 2. RUN RACEWAYS AND CABLE CONCEALED, EXCEPT RACEWAYS IN EQUIPMENT ROOMS RUN EXPOSED. 3. RACEWAYS IN ORDINARY LOCATIONS: * INSIDE (NOT IN WET OR DAMP LOCATIONS OR EXPOSED TO MECHANICAL INJURY); STEEL, ELECTRICAL METALLIC TUBING (EMT) OR MC CABLE. * EXPOSED OUTSIDE, THROUGH OUTSIDE WALL OR ROOF, OR THROUGH TWO-HOUR OR MORE RATED FIRE BARRIERS; GALVANIZED RIGID STEEL (GRS) CONDUIT MADE UP WATER TIGHT. * FINAL CONNECTION IN DRY LOCATIONS SERVING LIGHTING FIXTURES; FLEXIBLE METAL CONDUIT OR FLEXIBLE METALLIC TUBING. * CONNECTORS TO MOTORS, OR TO COMPONENTS IN WET OR DAMP LOCATIONS, LIQUIDTIGHT FLEXIBLE METALLIC TOBING. 4. RIGID STEEL GRS, AND STEEL IMC; HOT DIP GALVANIZED 5. STEEL EMT; HOT DIP GALVANIZED OUTSIDE, AND ENAMEL OR GALVANIZED FINISHED INSIDE. 6. EMT COUPLINGS AND CONNECTORS; METAL AS FOLLOWS: * RAINTIGHT, HEX-NUT, EXPANSION- GLAND COMPRESSION STEEL, FOR ANY WET OR DAMP LOCATION OR FEEDER (OR SUB-FEEDER. * SET-SCREW OR TAP-ON, STEEL OR CAST METAL, FOR DRY LOCATIONS. * SET-SCREW OR TAP-ON, STEEL OR CAST METAL, FOR DRY LOCATIONS.		VOLTS, WITH 75°C OR 90°C INSULATION AS FOLLOWS: A. FEEDER CONDUCTORS: RATED FOR WET LOCATIONS OF 'THW', 'THWN' OR 'XHHW'. B. BRANCH CONDUCTORS RATED FOR: * WET LOCATIONS, OR LOCATIONS LOCATED BELOW GRADE OR ENCASED IN SLAB ON GRADE, OF 'THW', 'THWN' OR 'XHHW'. * DRY LOCATIONS OF 'THW', 'THWN', 'XHHW' OR 'THHN'. C. RATED LIGHTING CONDUCTORS FOR CIRCUITS REQUIRING 90°C RATING; 'THHN' OR 'XHHW', OR OTHER APPROVED TYPE.
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 * INSIDE (NOT IN WET OR DAMP LOCATIONS OR EXPOSED TO MECHANICAL INJURY); STEEL, ELECTRICAL METALLIC TUBING (EMT) OR MC CABLE. * EXPOSED OUTSIDE, THROUGH OUTSIDE WALL OR ROOF, OR THROUGH TWO-HOUR OR MORE RATED FIRE BARRIERS; GALVANIZED RIGD STEEL (GRS) CONDUIT MADE UP WATER TIGHT. * FINAL CONNECTION IN DRY LOCATIONS SERVING LIGHTING FIXTURES; FLEXIBLE METAL CONDUIT OR FLEXIBLE METALLIC TUBING. * CONNECTIONS TO MOTORS, OR TO COMPONENTS IN WET OR DAMP LOCATIONS, LIQUIDTIGHT FLEXIBLE METAL CONDUIT (LT FLEX). 4. RIGID STEEL GRS, AND STEEL IMC; HOT DIP GALVANIZED 5. STEEL EMT; HOT DIP GALVANIZED OUTSIDE, AND ENAMEL OR GALVANIZED FINISHED INSIDE. 6. EMT COUPLINGS AND CONNECTORS; METAL AS FOLLOWS: * RAINTIGHT, HEX-NUT, EXPANSION – GLAND COMPRESSION STEEL, FOR ANY WET OR DAMP LOCATION OR FEEDER (OR SUB-FEEDER * SET-SCREW OR TAP-ON, STEEL OR CAST METAL, FOR DRY LOCATIONS. 		 INSTALL WIRING IN METALLIC, RIGID TYPE RACEWAYS ABOVE ACCESSIBLE CEILINGS. MC CABLE SHALL BE PERMITTED TO BE USED IN NON-ACCESSIBLE AREAS. RUN RACEWAYS AND CABLE CONCEALED, EXCEPT RACEWAYS IN EQUIPMENT ROOMS RUN
 STEEL EMT; HOT DIP GALVANIZED OUTSIDE, AND ENAMEL OR GALVANIZED FINISHED INSIDE. EMT COUPLINGS AND CONNECTORS; METAL AS FOLLOWS: RAINTIGHT, HEX-NUT, EXPANSION- GLAND COMPRESSION STEEL, FOR ANY WET OR DAMP LOCATION OR FEEDER (OR SUB-FEEDER SET-SCREW OR TAP-ON, STEEL OR CAST METAL, FOR DRY LOCATIONS. 		 INSIDE (NOT IN WET OR DAMP LOCATIONS OR EXPOSED TO MECHANICAL INJURY); STEEL, ELECTRICAL METALLIC TUBING (EMT) OR MC CABLE. EXPOSED OUTSIDE, THROUGH OUTSIDE WALL OR ROOF, OR THROUGH TWO-HOUR OR MORE RATED FIRE BARRIERS; GALVANIZED RIGID STEEL (GRS) CONDUIT MADE UP WATER TIGHT. FINAL CONNECTION IN DRY LOCATIONS SERVING LIGHTING FIXTURES; FLEXIBLE METAL CONDUIT OR FLEXIBLE METALLIC TUBING. CONNECTIONS TO MOTORS, OR TO COMPONENTS IN WET OR DAMP LOCATIONS,
6. EMT COUPLINGS AND CONNECTORS; METAL AS FOLLOWS: * RAINTIGHT, HEX-NUT, EXPANSION- GLAND COMPRESSION STEEL, FOR ANY WET OR DAMP LOCATION OR FEEDER (OR SUB-FEEDER * SET-SCREW OR TAP-ON, STEEL OR CAST METAL, FOR DRY LOCATIONS.		
		6. EMT COUPLINGS AND CONNECTORS; METAL AS FOLLOWS: * RAINTIGHT, HEX—NUT, EXPANSION— GLAND COMPRESSION STEEL, FOR ANY WET OR DAMP LOCATION OR FEEDER (OR SUB—FEEDER
		7. CIRCULAR RACEWAYS; MINIMUM TRADE SIZE AS FOLLOWS: * 1/2-INCH; GENERAL. * 3/4-INCH; 'HOMERUN' CIRCUIT WIRING;
	$\mathbf{\dot{v}}$	

8. SIZE RACEWAYS TO ACCOMMODATE THE ENCLOSED CONDUCTORS.

PROVIDE JUNCTION OR PULL BOXES TO AVOID EXCESSIVE RUNS OR BENDS BETWEEN OUTLETS, AND AT LOW POINTS IN RACEWAY RUNS.

10. SUPPORT CONCEALED CONDUIT ABOVE THE CEILING INDEPENDENTLY OF CEILING CONSTRUCTION. INSTALL CONDUITS HIGH ABOVE LAY-IN CEILINGS TO PERMIT REMOVAL OF CEILING PANELS OR EQUIPMENT.

11. INSTALL EXPOSED RACEWAYS PARALLEL OR PERPENDICULAR TO STRUCTURAL MEMBERS AND ARCHITECTURAL FEATURES. INSTALL CONCEALED CONDUIT RACEWAYS WITH AS FEW BENDS AS FEASIBLE. COORDINATED WITH STRUCTURAL, MECHANICAL AND ARCHITECTURAL REQUIREMENTS. ROUTE RACEWAYS TO AVOID 'TRAPPING' WHERE PRACTICABLE.

ENCLOSURES AND BOXES: 1. EQUIPMENT ENCLOSURES, BOXES, & COVERS; GALVANIZED STEEL, MALLEABLE IRON, GRAY IRON, OR COPPER-FREE ALUMINUM. SCREWS; STAINLESS STEEL; ALUMINUM FOR ALUMINUM BOXES. 2. ENCLOSURES:

FLUSH MOUNTED WITH CONCEALED RACEWAYS OR FLUSH MOUNTED DEVICES. SURFACE MOUNTED TYPE IN EQUIPMENT ROOMS, WITH EXPOSED RACEWAYS AND OTHER SURFACE MOUNTED DEVICES.

3. BOXES FOR USE WITH GENERAL RACEWAY SYSTEMS; 4 INCHES SQUARE OR OCTAGONAL SIZE, NOT BE LESS THAN 1-1/2 INCHES DEEP, EXCEPT WHERE SHALLOWER BOXES ARE REQUIRED BY STRUCTURAL CONDITIONS. 4 BY 2 INCH BOXES; WHERE ONLY ONE RACEWAY ENTERS AN OUTLET BOX, OR WHERE NEEDED TO MATCH DEVICES AND/OR MOUNTING HARDWARE

4. BOXES FOR RACEWAY SYSTEMS SERVING CEILING 'POWER' GRID SYSTEMS OR LIGHTING FIXTURES; SIZE 4-11/16 INCH SQUARE BOXES, 42 CU. IN. USE EXTENSION RINGS OR LARGER BOXES IF NECESSARY TO MEET CU. IN. CAPACITY REQUIRED BY CODE. 5. ENCLOSURES AND BOXES; VOLUME AND REQUIRED WIRE BENDING AND GUTTER SPACE AND FEATURES TO SUIT CODE REQUIREMENTS.

6. DO NOT INSTALL BOXES BACK-TO-BACK. DO NOT USE THRU-WALL TYPE BOXES. SEPARATE BOXES IN THE SAME FIRE RATED WALL BY EITHER SOLID STUDS, OR A MINIMUM DISTANCE ESTABLISHED BY LOCAL BUILDING OFFICIALS; SEAL CONNECTING CONDUIT TO PREVENT THE TRANSMISSION OF HEAT, SMOKE, AND NOISE, WITH SEALING METHOD AS APPROVED BY THE FIRE MARSHAL.

7. DO NOT USE SUSPENDED CEILING CONSTRUCTION TO SUPPORT RACEWAYS, BOXES OR OTHER ITEMS, EXCEPT AS ALLOWED BY CODE AND ACCEPTED BY THE ARCHITECT IN WRITING.

DEVICES:

1. SWITCHES; STANDARD LINE STYLE, MAINTAINED, 15 OR 20 AMPS, 120–277 VAC, QUIET OPERATING, FLUSH MOUNTING, BY LEVITON, 'SPEC-MASTER, COMMERCIAL SPEC. GRADE' SERIES, HUBBELL OR ARROW HART.

2. RECEPTACLES; STANDARD LINE STYLE, STRAIGHT BLADE, 2-POLE, 3-WIRE GROUNDING TYPE, RATED 125 VAC, 15 OR 20 AMPS, BY LEVITON, 'SPECMASTER, 'COMM. SPEC. GRADE' SERIES, HUBBELL OR ARROW HART.

DIMMER SWITCHES; RATED FOR FULL RANGE DIMMING OF 120 VAC LOADS, EITHER FLUORESCENT OR INCANDESCENT, KNOB OR SLIDE CONTROLLED W/ FULL OFF POSITION, FLUSH MOUNTABLE IN STANDARD 1-GANG OR 2-GANG BOXES. ARCHITECTURAL' STYLE, THIN PROFILE TYPES, BY LEVITON, 'COMM. SPEC. GRADE' SERIES, LUTRON OR LITHONIA.

4. GROUND FAULT CIRCUIT INTERRUPTED (GFCI) RECEPTACLES; U.L. LISTED FOR PERSONNEL PROTECTION AGAINST LINE-TO- GROUND SHOCK HAZARD. GFCI RECEPTS.; DUPLEX, 'DECORA STYLE' BY LEVITON, 'COMM. SPEC. GRADE', HUBBELL OR ARROW HART.

- 5. KEYLESS LAMPHOLDER: WHITE PORCELAIN, 660 WATTS AT 250 VOLTS; LEVITON, CAT. No. 9875-2.
- 6. LOW VOLTAGE SWITCHES & COMPONENTS: ABB/GENERAL ELECTRIC, 24-VOLT SYSTEM.
- 7. COVER PLATES: FOR FLUSH, INSIDE, WALL MOUNTED DEVICES; LEVITON.

8. MOUNT DEVICES RECESSED FOR FLUSH INSTALLATION. PROVIDE COVER PLATES FOR EACH DEVICE. 9. ALIGN DEVICES AT DIFFERENT LEVELS VERTICALLY. GROUP DEVICES AT THE SAME LEVEL USING SECTIONAL GANG BOXES. CENTER DEVICES IN ARCHITECTURAL FEATURES.

10. LOCATE WALL SWITCHES ON THE STRIKE SIDE OF A DOOR, SIX (6) INCHES FROM THE OPENING.

11. MOUNT SMALL FLUSH MOUNTED MOTOR DEVICES IN STANDARD DEVICE BOXES.

12. INSTALL WIRING DEVICES WITH TOP-OF-BOX MOUNTING HEIGHTS ABOVE FINISHED FLOORS BETWEEN 18 INCHES AND 48 INCHES, AS REQUIRED BY HANDICAPPED CODES.

13. COVER PLATES FOR FLUSH, DRY, ORDINARY LOCATIONS; STANDARD SIZE ONE PIECE. WIRING DEVICES AND COVER PLATE FINISHES; AS INDICATED BY THE PLANS.

LIGHTING: PROVIDE ALL LAMPS AT 3500K, UNLESS NOTED OTHERWISE.

'A', AND ENERGY SAVING TYPE.

FIXTURE CRI SHALL MEET OR EXCEED THAT SPECIFIED IN FIXTURE SCHEDULE INCLUDED WITHIN CONTRACT DOCUMENTS. WHERE NO CRI IS SCHEDULE, CRI SHALL BE 80 OR GREATER.

ALL LED DRIVERS SHALL HAVE AN OPERATING EFFICIENCY OF AT LEAST 85%, MINIMUM STARTING TEMPERATURE OF AT LEAST -40DEGREES CELSIUS, VOLTAGE INPUT/PHASE AS SPECIFIED IN FIXTURE SCHEDULE.

4. ALL LED FIXTURES SHALL COME EQUIPPED WITH INTEGRAL HEAT DISSIPATION SYSTEMS.

5. LED FIXTURES SHALL HAVE LED SOURCES AND DRIVERS THAT ARE ACCESSIBLE FROM THE EXPOSED SIDE OF THE FIXTURE AND DO NOT REQUIRE REMOVAL OF FIXTURE FOR LED SOURCE AND/OR DRIVER REPAIR/REPLACEMENT. FLUORESCENT BALLASTS; HIGH POWER FACTOR (HPF) TYPE, CLASS 'P' PROTECTED, SOUND RATING

FLUORESCENT BALLASTS FOR THE MINI-LAMPS; U.L. LABELED OR ACCEPTABLE TO BUILDING

OFFICIALS, ENCAPSULATED, QUIET OPERATING DESIGN IF AVAILABLE.

8. ORIENT FLUORESCENT LAMPS WITHIN THE SAME VISUAL SPACE IN THE SAME DIRECTION.

GROUNDING GROUND ELECTRICAL SYSTEMS, EQUIPMENT, AND SUPPORTING STRUCTURES. PROVIDE BONDING JUMPERS WHERE NECESSARY. MECHANICALLY AND ELECTRICALLY SECURE METAL RACEWAYS AND FITTINGS, JOINTS AND CONNECTIONS AT EQUIPMENT TO PROVIDE AN GROUNDING MEANS. METAL RACEWAYS; ELECTRICALLY CONTINUOUS THROUGHOUT THEIR LENGTH FOR AN EFFECTIVE GROUNDING PATH TO THE POWER SERVICE DISCONNECT SWITCH.

INSTALL GROUNDING CONDUCTORS WITHOUT JOINT OR SPLICE TO THE GREATEST PRACTICAL EXTENT.

PROVIDE FOR EACH RACEWAY A GREEN #12 GROUNDING CONDUCTOR IN ADDITION TO BRANCH CONDUCTORS INDICATED.

4. DO NOT SPLICE MAIN BONDING JUMPER. CONFIRM THAT A MAIN BONDING JUMPER IS PROVIDED AT THE POINT OF SERVICE ONLY.

TESTING: 1. TEST INDIVIDUAL SYSTEMS AND COMPONENTS FOR FULL FUNCTIONAL REQUIREMENTS. PERFORM TESTS AS REQUIRED BY CODE, LOCAL PRACTICES, OR AS REASONABLY REQUIRED BY THE OWNER'S REPRESENTATIVE WHERE A QUESTION ARISES AS TO THE PROPER INSTALLATION OR OPERATION OF MATERIALS.

2. PROVIDE TESTING INSTRUMENTS, PROCEDURES, AND DOCUMENTATION.



2. FASTENINGS FOR SECURING CONDUIT RUNS, LIGHT APPARATUS. BOLTS, BEAM CLAMPS, OR DRIVEN OR WELDED STUDS ON STEEL WORK TOGGLE BOLTS ON HOLLOW TILE OR CONCRETE BLOCKS STEEL ANCHORS OF THE SELF-DRILLING OR NON-DRILLING TYPES ON SOLID CONCRETE OR MASONRY POWER DRIVEN STUDS MAY BE USED ON STEEL AND SOLID CONCRETE WHERE ACCEPTED * BY THE OWNER'S REPRESENTATIVE.

PERMANENT NAMEPLATES FOR EQUIPMENT IDENTIFICATION. 4. SEAL CONDUITS ROUTED BETWEEN SPACES OF DIFFERENT AMBIENT TEMPERATURES, SUCH AS REFRIGERATED SPACES OR OUTDOOR AREAS, TO PREVENT CIRCULATION OF AIR.

5. INSTALL RACEWAY OR CABLE, ETC. THAT PENETRATES A FIRE BARRIER, WITH MATERIALS AND METHODS APPROVED FOR APPLICATION BY BUILDING OFFICIALS. IDENTIFY EACH FIRE BARRIER FROM THE ARCHITECTURAL PLANS, AND FOR SECURE APPROVAL OF MATERIALS AND METHODS FOR EACH TYPE PENETRATION.

TELEPHONE SYSTEM ROUGH-IN: 1. CONTACT THE TELEPHONE CO., COORDINATE THE WORK TO MAKE THE INSTALLATION READY FOR CONDUCTORS, AND MISCELLANEOUS MATERIALS OR DEVICES.

2. PROVIDE COMPLETE ENCLOSED RACEWAYS WITH MEASURED PULL CORDS FOR FUTURE USE BY OTHERS. PROVIDE A 3/4" PVC CONDUIT FROM EACH MAIN CABINET OR BACKBOARD LOCATION TO NEAREST ACCESSIBLE, GROUNDED, METAL COLD WATER PIPE, AND A #6 SOLID COPPER CONDUCTOR BONDED TO THE WATER PIPE AND COILED FOR USE IN GROUNDING EQUIPMENT.



Project Information

Energy Code: Project Title: Project Type:

New Construction

Construction Site:

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft		D wed Watts (B X C)	
1-296 W Broad St (Office)	2630	1.00		2630	
	То	tal Allowed W	/atts =	2630	
Proposed Interior Lighting Power					
Α	В	С	D	E	
Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	Lamps/ Fixture	# of Fixtures	Fixture Watt.	(C X D)	
1-296 W Broad St (Office)					
LED 1: L-1: 4" LED PENDANT: Other:	1	33	15	495	
LED 2: L-2: 4' LINEAR LED: Other:	1	14	36	504	
LED 3: L-3: 4" LED DOWNLIGHT: Other:	1	14	15	210	
LED 4: L-4: UNDERCOUNTER LED: Other:	1	1	290	290	
LED 5: L-5: 12" BOBBER PENDANT: Other:	1	2	22	44	
LED 6: L-6: 12" BOBBER SCONCE: Other:	1	2	22	44	
LED 7: L-7: VANITY LED FIXTURE: Other:	1	4	9	36	
LED 8: L-8: MOBILE LED CHANDELIER: Other:	1	4	9	36	
LED 9: L-9: STENCIL PENDANT: Other:	1	1	40	40	
LED 10: L-10: LED WALL SCONCE: Other:	1	4	8	32	
LED 11: L-11: 4' LED STRIP: Other:	1	2	23	46	
		Total Propos	ed Watts =	1777	

Interior Lighting Compliance Statement mandatory requirements listed in the Inspection Checklist. Charles C. Esslinger, PE Name - Title

Project Title: Data filename: C:\Users\Chris\Dropbox (Westside Engineering)\Westside Engineering Team Folder\2020\20243 Page 2 of 6 296 W Broad Co-Working\Elec\20243 - COMcheck.cck



5525 Interstate North Pkwy Suite 200 Atlanta, GA 30328

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3. MAJOR COMPONENTS OF THE DISTRIBUTION SYSTEM SUCH AS THE PANELBOARD SHALL HAVE

THE TELEPHONE COMPANY, INCLUDING CABINETS, RACEWAYS AND PULL WIRES, RACEWAY SYSTEM BOXES, DEDICATED ELECTRICAL BRANCH CIRCUITS AND RECEPTACLES, DEDICATED GROUNDING

COM*check* Software Version 4.1.4.3 Interior Lighting Compliance Certificate

90.1 (2007) Standard

Owner/Agent: Designer/Contractor:

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 90.1 (2007) Standard requirements in COMcheck Version 4.1.4.3 and to comply with any applicable 2

ĊŻ	12-22-2020
Signature	Date

Report date: 12/22/20



PROJECT NAME: 296 W BROAD ST

PROJECT LOCATION: ATHENS GA

ISSUE: ISSUED FOR PERMIT

DATE: 12.22.2020 revision

DATE

DRAWING: **SPECIFICATIONS**

