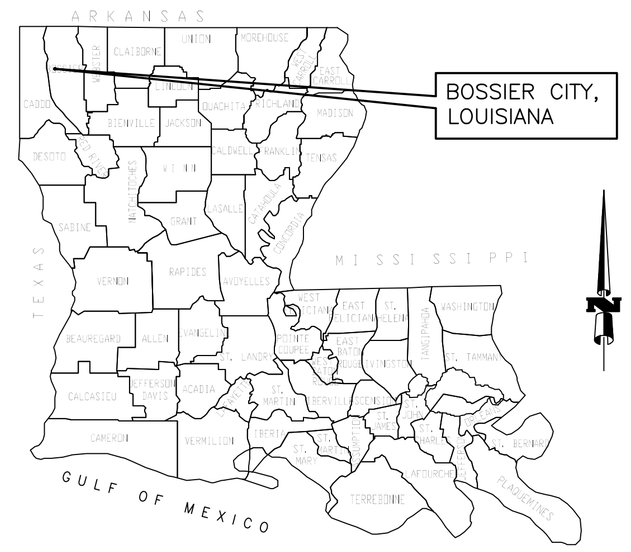
CODES & DESIGN REFERENCES

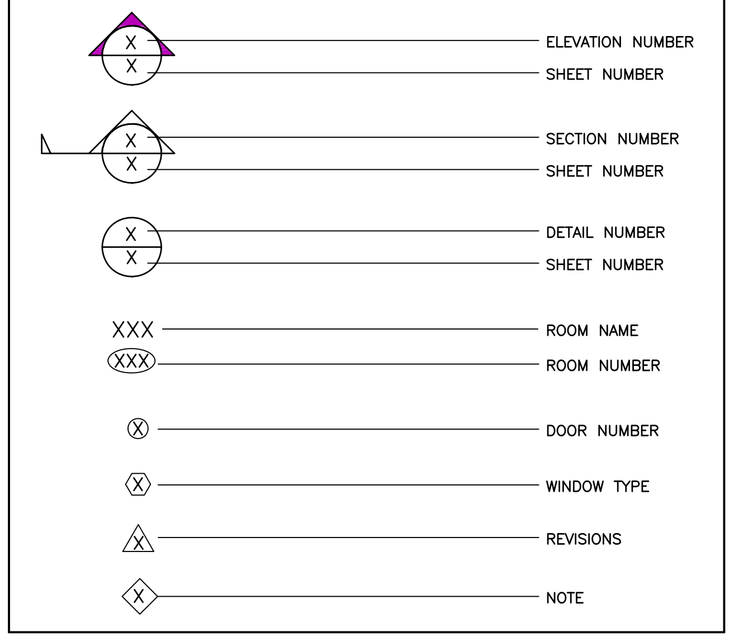
THE FOLLOWING CODES ARE AN OUTLINE OF MINIMUM CODE & DESIGN REQUIREMENTS & THEIR APPLICATION. MANUFACTURER SPECIFICATION AND LOCAL CODE REQUIREMENTS, WHEN IN EXCESS OF MINIMUM SPECIFICATION, SHALL CONTROL. IT IS THE CONTRACTORS RESPONSIBILITY TO REVIEW & SUBMIT ALL SHOP DRAWINGS & REPORT ALL DOCUMENT DISCREPANCIES TO THE CIVIL ENGINEER PRIOR TO FABRICATION OR ERECTION.

1. Building Code: "International Building Code", by the International Code Council, 2021 edition.
"Life Safety Code" by the National Fire Protection Association, 2015 edition.
Public Law 100–430, Fair Housing Amendments Act
Public Law 101–336, Americans with Disabilities Act
Uniform Federal Accessibility Standards (UFAS, 1988)
Nondiscrimination on the basis of Disability in State and Local Government Services (28 CFR, Ch. 1, Part 35, 1999)
Nondiscrimination on the basis of Disability by Public Accommodations and in Commercial Facilities (28 CFR, Ch. 1, Part 36, 1999)
ADA Accessibility Guidelines for Transportation Vehicles (Architectural & Transportation Barriers Compliance Board, 36 CFR, Ch. XI, Part 1192, 1999)
Telecommunications Act Accessibility Guidelines (Architectural & Transportation Barriers Compliance Board, 36 CFR, Ch. XI, Part 1193, 1999)
"Design of Wood Frame Buildings" – American Wood Council.
"Minimum Design Loads for Buildings and Other Structures" (ASCE 7–10).
2. Structural Steel: "Allowable Stress Design Manual of Steel Construction"
The American Institute of Steel Construction, ASTM 992.
3. Structural Concrete: "Building Code Requirements for Reinforced Concrete ACI 318–03)", The American Concrete Institute, Latest Edition.
4. Welding: "American Welding Society" structural welding codes. (Latest Edition)
5. Electrical: "National Electrical Code" by the National Fire Protection Association, 2020 edition.
6. Plumbing: "International Plumbing Code" 2021 edition.

VICINITY MAP



SYMBOLS



GENERAL NOTES

1. THE CONTRACTOR SHALL INCLUDE ALL COST NECESSARY TO COMPLY WITH ACT 12 & ACT 335 OF THE LA STATE LEGISLATURE. THIS LEGISLATION REQUIRES VERIFICATION THAT THIS STRUCTURE WILL MEET THE MINIMUM REQUIREMENTS OF THE LA STATE UNIFORM CONSTRUCTION CODES (LSUCC). THE CONTR. MUST PAY FOR PLAN REVIEW BY A THIRD–PARTY PROVIDER, A BUILDING PERMIT, AND TIMELY INSPECTIONS BY A CERTIFIED BUILDING OFFICIAL (CBO).
2. BEFORE EXCAVATION, THE CONTRACTOR SHALL EXAMINE DRAWINGS, MAPS AND GROUNDS OF EXISTING FACILITY TO DETERMINE THE ROUTES OF ELECTRIC, GAS, WATER AND TELEPHONE SERVICES. IT IS RECOMMENDED THAT THE CONTRACTOR SEEK INFORMATION ON THE POSSIBLE LOCATIONS OF GAS TRANSMISSION LINES, TELEPHONE CABLES AND WATER MAINS. IF DURING EXCAVATION UNKNOWN SERVICES ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE SUSPECTED UTILITY.
* BEFORE YOU DIG* CALL DOTTIE – 811
3. ALL CONTRACTORS AND SUBCONTRACTORS TO REVIEW ENTIRE SET OF DRAWINGS BEFORE SUBMITTING BIDS OR PROCEEDING WITH CONSTRUCTION.

DRAWING INDEX

ABBREVIATIONS

#	NUMBER	ID	INTERIOR DECOR
&	AND	IN.	INCH (ES)
@	AT	INFO.	INFORMATION
W/	WITH	INSUL.	INSULATION
		INT.	INTERIOR
A.	AREA		
A/C	AIR CONDITIONING	JST.	JOIST
ACOUST.	ACOUSTIC(AL)	JT.	JOINT
ADD'L.	ADDITIONAL		
ADJ.	ADJACENT	KIT.	KITCHEN
A.F.F.	ABOVE FINISHED FLOOR		
ALT.	ALTERNATE(ING)	LAM.	LAMINATE
ALUM.	ALUMINUM	LAV.	LAVATORY(IES)
APPROX.	APPROXIMATE(LY)	LG.	LONG
ARCH.	ARCHITECT(URAL)	LGTH.	LENGTH
AVG.	AVERAGE	LT.	LIGHT
BD.	BOARD		
BLDG.	BUILDING	MACH.	MACHINE
BLK.	BLOCK	MAT'L.	MATERIAL
BLK'G.	BLOCKING	MECH.	MECHANICAL
BM.	BEAM	MET.	METAL
BOT.	BOTTOM	MFR.	MANUFACTURER
BTWN.	BETWEEN	MIN.	MINIMUM
		MISC.	MISCELLANEOUS
CER.	CERAMIC		
CIR.	CIRCLE	N.	NORTH
C.J.	CONTROL JOINT	N.T.S.	NOT TO SCALE
CLG.	CEILING		
CLR.	CLEAR	O.C.	ON CENTER
CMU	CONCRETE MASONRY UNIT	OPG.	OPENING
COL.	COLUMN		
CONC.	CONCRETE	PAR.	PARALLEL
CONT.	CONTINUOUS	PART.	PARTITION
CPT	CARPET	PG.	PAGE
CTR	CENTER	P.LAM.	PLASTIC LAMINATE
C.T.	CERAMIC TILE	PLYWD.	PLYWOOD
		PTD.	PAINTED
DEMO.	DEMOLISH(TION)		
DET.	DETAIL	Q.T.	QUARRY TILE
DIA.	DIAMETER		
DIAG.	DIAGONAL		
DIM.	DIMENSION	RA.	RETURN AIR
DN.	DOWN	RCP	REFLECTED CEILING PLAN
DWG.	DRAWING	REF.	REFERENCE
DWR.	DRAWER	RM.	ROOM
E.	EAST	SCHED.	SCHEDULE
EA.	EACH	SECT.	SECTION
E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM	SHT.	SHEET
		SHTG.	SHEETING
E.J.	EXPANSION JOINT	SPEC'D.	SPECIFIED
ELEC.	ELECTRIC(AL)	SPECS.	SPECIFICATIONS
ELEV.	ELEVATION	SQ.	SQUARE
ENG.	ENGINEER(ING)	STG.	SEATING
EQ.	EQUAL	STL.	STEEL
EXH.	EXHAUST	STOR.	STORAGE
EXIST.	EXISTING	SYM.	SYMBOLS
EXT.	EXTERIOR	SYS.	SYSTEM
F.F.	FINISHED FLOOR	TEL.	TELEPHONE
FL.	FLOOR	TEMP.	TEMPER(ED)
FLSH'G.	FLASHING	T.O.A	TOP OF ATRIUM
FLUOR.	FLUORESCENT	T.O.P.	TOP OF PARAPET
FT.	FOOT, FEET	T.S.	TUBULAR STEEL
FTG.	FOOTING	TYP.	TYPICAL
FURR.	FURRED, FURRING		
FRP	FIBERGLASS REINFORCEMENT PANELS	UNF.	UNFINISHED
		UTIL.	UTILITY
G.C.	GENERAL CONTRACTOR	U.N.O.	UNLESS NOTED OTHERWISE
GEN.	GENERAL		
GND.	GROUND	VERT.	VERTICAL
GYP.	GYPSUM	VOL.	VOLUME
GYP.BD.	GYPSUM BOARD	V.T	VINYL TILE
		V.W.O.	VERIFY WITH OWNER
H.C.	HOLLOW CORE		
H.M.	HOLLOW METAL	W/	WITH
HORIZ.	HORIZONTAL	WC	WATER CLOSET
HT.	HEIGHT(H)	WD.	WOOD
HTG.	HEATING	W.H.	WATER HEATER
HVAC	HEATING VENTILATING & A/C	W/O	WITHOUT
H.W.	HOT WATER	WT.	WEIGHT
		WTH.	WIDTH
		YD.	YARD

CODE INFORMATION

INTERNATIONAL BUILDING CODE INFORMATION

CURRENT CODE EDITION: 2021 INTERNATIONAL BUILDING CODE (IBC)

OCCUPANCY CLASSIFICATION [IBC CHAPTER 3]	
PRIMARY OCCUPANCY	BUSINESS GROUP B
CONSTRUCTION TYPE [IBC CHAPTER 6]	VB
GENERAL BUILDING HEIGHTS AND AREAS [IBC CHAPTER 5]	
NUMBER OF STORIES ALLOWED	2 STORY
NUMBER OF STORIES	1 STORY
ALLOWABLE HEIGHT	40'
HEIGHT OF BUILDING	25'
BUILDING AREA ALLOWED	9,000 SQ. FT.
TOTAL BUILDING AREA	3,640 SQ. FT.
OCCUPANCY LOAD [IBC TABLE 1004.5]	24
MEANS OF EGRESS INFORMATION [IBC CHAPTER 10]	
TRAVEL DISTANCE [IBC TABLE 1017.2]	200 FT.
COMMON PATH OF TRAVEL [IBC SECTION 1006.2.1]	75
NUMBER OF EXITS	4
DEAD END CORRIDOR LIMIT [IBC SECTION 1020.5]	20 FT.
EGRESS WIDTH [IBC SECTION 1005]	.2" PER OCCUPANT
MINIMUM CORRIDOR WIDTH [IBC TABLE 1020.3]	44
CORRIDOR WIDTH PROVIDED	46
CORRIDOR SEPARATION	NONE REQUIRED
FIRE PROTECTION REQUIREMENTS	
FIRE PROTECTION SYSTEMS [IBC CHAPTER 9]	
AUTOMATIC SPRINKLER SYSTEM [IBC SECTION 903]	NOT REQUIRED/NOT PROVIDED
FIRE ALARM SYSTEM [IBC SECTION 907]	NOT REQUIRED/NOT PROVIDED
FIRE EXTINGUISHER SIZE [IBC SECTION 906]	2–A
PROTECTION OF BUILDING ELEMENTS [IBC TABLE 601]	
PRIMARY STRUCTURAL FRAME	0
EXTERIOR BEARING WALLS	0
INTERIOR BEARING WALLS	0
EXTERIOR NON–BEARING WALLS	0
INTERIOR NON–BEARING WALLS	0
FLOOR CONSTRUCTION & SECONDARY MEMBERS	0
ROOF CONSTRUCTION & SECONDARY MEMBERS	0
FIRE SEPARATION REQUIREMENTS	
EXIT PASSAGEWAYS [IBC SECTION 1024]	NOT APPLICABLE
CORRIDORS [IBC SECTION 1020]	NONE REQUIRED
INCIDENTAL ACCESSORY OCCUPANCY [IBC TABLE 509.1]	NONE REQUIRED
OCCUPANCY SEPARATION [IBC TABLE 508.4]	NONE REQUIRED
SEPARATION OF EXTERIOR WALLS [IBC TABLE 601]	NONE REQUIRED
STRUCTURAL DESIGN CRITERIA	
DESIGN LOAD CRITERIA	
FLOOR LIVE LOAD [IBC TABLE 1607.1]	100 PSF
ROOF LIVE LOAD [IBC TABLE 1607.1]	20 PSF
ROOF SNOW LOAD [IBC FIGURE 1608.2]	5 PSF
WIND DESIGN CRITERIA	
WIND SPEED [IBC FIGURE 1609]	115 MPH
WIND IMPORTANCE FACTOR [ASCE TABLE 6–1]	1
OCCUPANCY CATEGORY [IBC TABLE 1604.5]	II
WIND EXPOSURE CATEGORY [IBC SECTION 1609.4.3]	C

LIFE SAFETY INFORMATION

CURRENT CODE EDITION: 2015 LIFE SAFETY CODE NFPA 101

OCCUPANCY CLASSIFICATIONS	BUSINESS
NFPA 101 REFERENCE CHAPTER	CHAPTER 38
CONSTRUCTION TYPE	II (000)
NUMBER OF STORIES	1 STORY
TOTAL BUILDING AREA	3,640 SQ. FT.
OCCUPANCY LOAD	24
MEANS OF EGRESS INFORMATION	
NUMBER OF EXITS	4
REQUIRED EXIT DOOR CAPACITY	.2 INCHES PER PERSON
MINIMUM CORRIDOR WIDTH REQUIRED	44
MINIMUM CORRIDOR WIDTH	46
CORRIDOR SEPARATION	NONE REQUIRED
TRAVEL DISTANCE	200 FT.
COMMON PATH OF TRAVEL	NONE REQUIRED
DEAD END CORRIDOR LIMIT	20 FT.
FIRE PROTECTION SYSTEMS	
AUTOMATIC SPRINKLER SYSTEM	NOT REQUIRED/NOT PROVIDED
FIRE ALARM SYSTEM	NOT REQUIRED/NOT PROVIDED

GENERAL CONSTRUCTION NOTES

1. INTERIOR PLAN DIMENSIONS ARE TO FACE OF STUD, EDGE OF SLAB OR CENTER OF DOORS AND WINDOWS.
2. INTERIOR WALL PARTITIONS TO BE CONSTRUCTED OF WOOD STUDS AT 16" O.C. UNLESS NOTED OTHERWISE.
3. GENERAL CONTRACTOR TO PROVIDE BLOCKING IN WALLS AS NECESSARY FOR WALL MOUNTED EQUIPMENT, GRAB BARS, TV'S, ETC..
4. ALL EXTERIOR EXIT DOORS SHALL HAVE LANDINGS OUTSIDE DOORS LEVEL WITH THE DOOR OPENINGS.
5. ALL INSULATION SHALL HAVE SMOKE DEVELOPED RATE OF 0–450. CONCEALED INSULATION SHALL HAVE A FLAME SPREAD OF 0–75. EXPOSED INSULATION SHALL HAVE A FLAME SPREAD OF 0–25.
6. INTERIOR WALLS AND CEILINGS SHALL HAVE A FLAME SPREAD OF 0–250 (CLASS C) AND A SMOKE DEVELOPED RATE OF 0–450.
7. FIRE EXTINGUISHERS TO BE HAND–OPERATED AND WALL MOUNTED IN RECESSED CABINETS. INSTALL IN ACCORDANCE WITH NFPA 10. SEE FLOOR PLANS.
8. TRASH SHALL BE REMOVED FROM THE AREA NO LESS THAN WEEKLY. TRASH SHALL BE REMOVED FROM ALL OCCUPIED AREAS AS WORK PROGRESSES. NO TRASH SHALL BE ALLOWED TO ACCUMULATE.
9. EXIT DOORS WILL NOT REQUIRE THE USE OF A KEY TO OPEN IN THE DIRECTION OF EGRESS. SEE DOOR SCHEDULE.
10. GENERAL CONTRACTOR TO FURNISH AND INSTALL HANDICAP SIGNS, GRAB BARS AND TOILET ACCESSORIES.
11. THE CONTRACTOR SHALL PROVIDE PERSON AND PROPERTY PROTECTION NECESSARY AS PER CITY AND LOCAL REGULATIONS AND AGENCIES REQUIREMENTS, IN CONNECTION WITH THE PERFORMANCE OF THE CONTRACT.

LOUISIANA STATE UNIFORM CONSTRUCTION CODES

2021 INTERNATIONAL BUILDING CODE (IBC), (EXCLUDING CHAPTERS 1,11,27,29)
2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC), (EXCLUDING CHAPTER 1)
2021 INTERNATIONAL MECHANICAL CODE (IMC)
2021 INTERNATIONAL PLUMBING CODE (IPC)
2021 INTERNATIONAL FUEL GAS CODE (IFGC)
2020 NATIONAL ELECTRICAL CODE (NEC)
2010 ADA ACCESSIBILITY GUIDELINES

GOVERNING ENTITIES HAVING JURISDICTION

STATE OF LOUISIANA – DEPARTMENT OF PUBLIC SAFETY & CORRECTIONS
OFFICE OF STATE FIRE MARSHAL
BOSSIER CITY, LOUISIANA

Louisiana 811
CALL BEFORE YOU DIG

GENERAL NOTES

1. BY SUBMITTING A BID, THE CONTRACTOR SPECIFICALLY ACKNOWLEDGES AND DECLARES THAT THE DRAWINGS ARE FULL AND COMPLETE, AND SUFFICIENT TO ENABLE HIM TO CONSTRUCT THE WORK IN ACCORDANCE WITH ALL APPLICABLE LAWS, STATUTES, BUILDING CODES, ORDINANCES AND REGULATIONS.
2. CONTRACTORS SHALL PERFORM ALL WORK AS SHOWN ON THE DRAWINGS. ALL WORK SHALL BE IN COMPLIANCE WITH THE INTERNATIONAL BUILDING CODE, THE NFPA 101 LIFE SAFETY CODE, RECOGNIZED INDUSTRY STANDARD, CRAFTSMANSHIP, STANDARDS IN THE AREA, ALL MANUFACTURER'S RECOMMENDATIONS AND ALL OTHER APPLICABLE CODES AND ORDINANCES.
3. THE ENGINEER/ARCHITECT DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE HELD RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OR FOR THE SAFETY PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
4. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS ONLY. IMMEDIATELY NOTIFY THE ENGINEER/ARCHITECT OF ANY DISCREPANCIES BETWEEN THESE CONTRACT DOCUMENTS AND ANY EXISTING CONDITION.
5. PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE SITE AND ACQUAINT HIMSELF THOROUGHLY WITH ALL EXISTING FACILITIES AND CONDITIONS WHICH WOULD AFFECT HIS PORTION OF THE WORK AND CORRELATE PERSONAL OBSERVATIONS WITH REQUIREMENTS OF THE CONTRACT DOCUMENTS. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF INSTALLING THE WORK TO MEET SAID CONDITIONS.
6. IF THE CONTRACTOR FINDS ANY DETAIL, CONSTRUCTION PROCEDURE OR MATERIAL SHOWN ON THE DRAWINGS WHICH HE BELIEVES IS NOT SATISFACTORY FOR THE USE SHOWN, HE SHALL NOTIFY THE ENGINEER/ARCHITECT OF RECORD. SIGNING OF THE CONTRACT AND STARTING WORK SHALL INDICATE HIS ACCEPTANCE AND AGREEMENT WITH ALL DETAIL, CONSTRUCTION PROCEDURES, AND MATERIALS SO SHOWN AND SHALL INDICATE HIS WILLINGNESS TO WARRANT THE WORK.
7. THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND CAREFULLY EXAMINE AND VERIFY FIELD CONDITIONS AND SHALL CAREFULLY COMPARE SUCH FIELD MEASUREMENTS, CONDITIONS AND OTHER INFORMATION KNOWN TO THE CONTRACTOR WITH THE DRAWINGS BEFORE SUBMITTING A BID OR COMMENCING WITH ANY CONSTRUCTION ACTIVITIES. ERRORS, INCONSISTENCIES OR OMISSIONS DISCOVERED SHALL BE REPORTED TO THE ENGINEER/ARCHITECT OF RECORD AND SHALL NOT CONSTITUTE A CHANGE ORDER.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND COORDINATION OF ALL CONDUIT, PIPING, DUCTWORK, ETC., WITH THE VARIOUS TRADES.
9. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, SIGNAGE, REFLECTORS, LIGHTS, ETC., DURING CONSTRUCTION. PROPERLY DEMARCATE AREAS CLOSED TO THE PUBLIC.
10. THE CONTRACTOR WILL REMOVE ALL RUBBLE AND DEBRIS FROM THE JOB SITE AND LEAVE THE BUILDING AND GROUNDS BROOM CLEAN UPON COMPLETION OF WORK.
11. WHENEVER THERE ARE DISCREPANCIES WITHIN THE DRAWING SHEETS THE CONTRACTOR SHALL ESTIMATE UPON THE BETTER QUALITY OR GREATER QUANTITY OF MATERIAL OF WORK CALLED FOR, AND IT SHALL BE SO FURNISHED UNLESS OTHERWISE ORDERED IN WRITING. IMMEDIATELY NOTIFY THE ENGINEER/ARCHITECT OF RECORD OF ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND ANY APPLICABLE STANDARDS, CODES OR ORDINANCES. WHERE DISCREPANCIES OCCUR, THE MORE STRINGENT BY LAW SHALL APPLY.
12. PLANS AND DETAIL DRAWINGS ARE TO LIMIT, EXPLAIN AND DEFINE CONDITIONS, SPECIFIED REQUIREMENTS AND MANNER OF WORK. STRUCTURAL OR OTHER CONDITIONS MAY REQUIRE CERTAIN MODIFICATIONS FROM THE MANNER OF INSTALLATION SHOWN, AND SUCH DEVIATIONS ARE PERMISSIBLE AND SHALL BE MADE AS REQUIRED, BUT, SPECIFIED SIZES AND REQUIREMENTS NECESSARY FOR SATISFACTORY OPERATION SHALL REMAIN UNCHANGED. ALL SUCH CHANGES SHALL BE MADE AS REQUIRED AND SHALL BE REFERRED TO THE ENGINEER/ARCHITECT OF RECORD FOR APPROVAL BEFORE PROCEEDING. EXTRA CHARGES SHALL NOT BE ALLOWED FOR THESE CHANGES. THE CONTRACTOR SHALL REALIZE THAT THE DRAWINGS COULD NOT DELVE INTO EVERY STEP, SEQUENCE, OR OPERATION NECESSARY FOR THE COMPLETION OF THE PROJECT WITHOUT DRAWING ON THE CONTRACTOR'S EXPERIENCE OF INGENUITY. HOWEVER, ONLY TYPICAL DETAILS ARE SHOWN ON THE PLANS. IN CASES WHERE THE CONTRACTOR IS NOT CERTAIN ABOUT THE METHOD OF INSTALLATION OF HIS WORK, HE SHALL ASK FOR FURTHER EXPLANATION. LACK OF UNDERSTANDING SHALL NOT BE AN EXCUSE FOR IMPROPER INSTALLATION. IN GENERAL, THE DRAWINGS ARE DIAGRAMMATIC AND THE CONTRACTOR SHALL INSTALL HIS WORK IN A MANNER THAT INTERFERENCES BETWEEN THE VARIOUS TRADES IS AVOIDED. IN CASES WHERE INTERFERENCES DO OCCUR, THE ENGINEER/ ARCHITECT OF RECORD IS TO STATE WHICH EQUIPMENT, PIPING, ETC., IS TO BE RELOCATED REGARDLESS OF WHICH ITEM WAS INSTALLED FIRST.
13. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY CONSTRUCTION PERMITS AND FEES. ALL PERMITS AND FEES ASSOCIATED WITH CONNECTION TO UTILITIES SERVICES SHALL BE PAID BY THE CONTRACTOR AND INCLUDED IN THE CONSTRUCTION BID.

TITLE SHEET
SCALE: NONE

Taylor Wallace Designs
An Architectural Corporation
Gregory T. Wallace \\ Architect
2021 Williams Colony Road, Downsville, LA 71234
318 396.2197

GREGORY T. WALLACE 6771 STATE OF LOUISIANA REGISTERED ARCHITECT

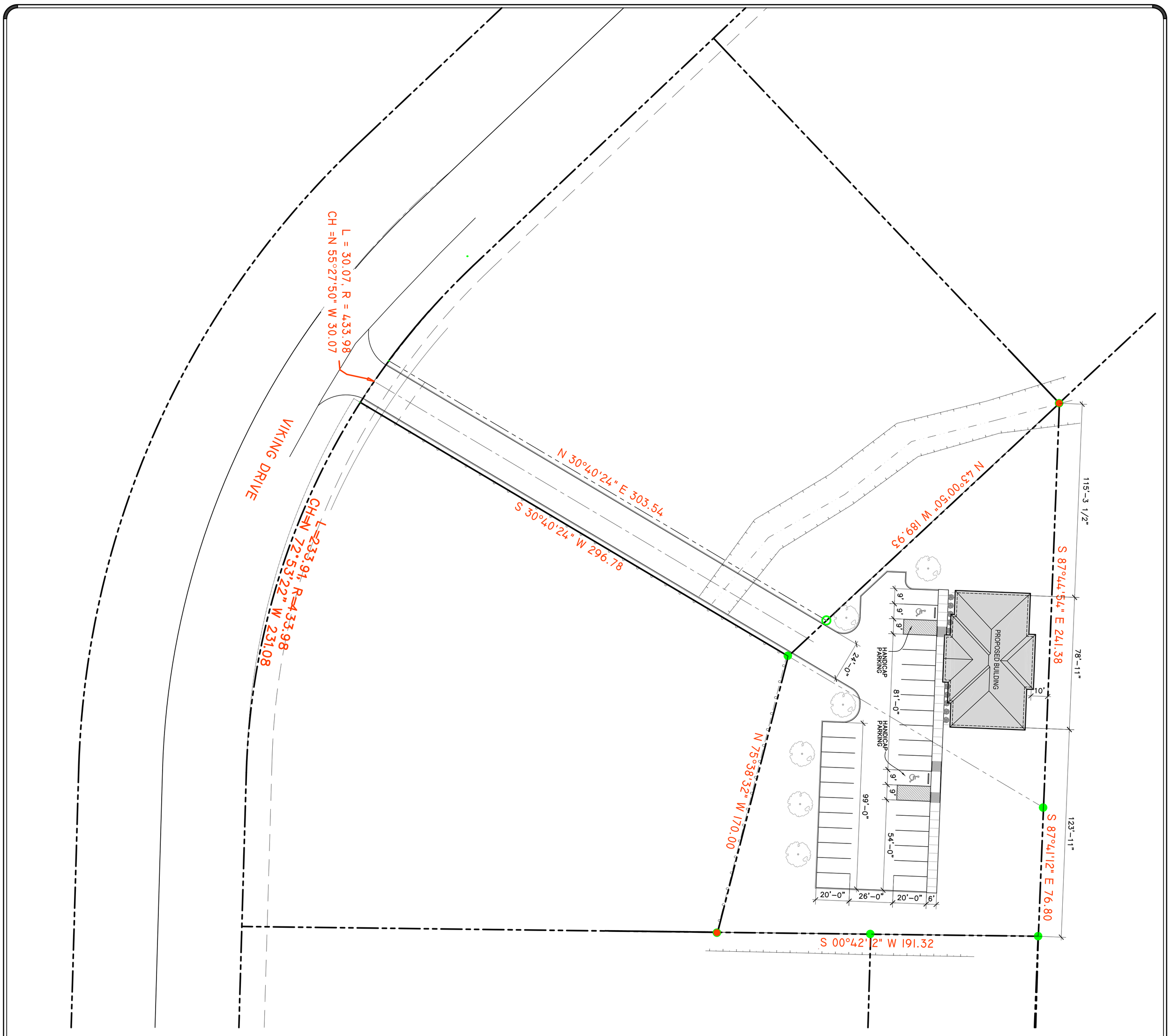
5/24/23

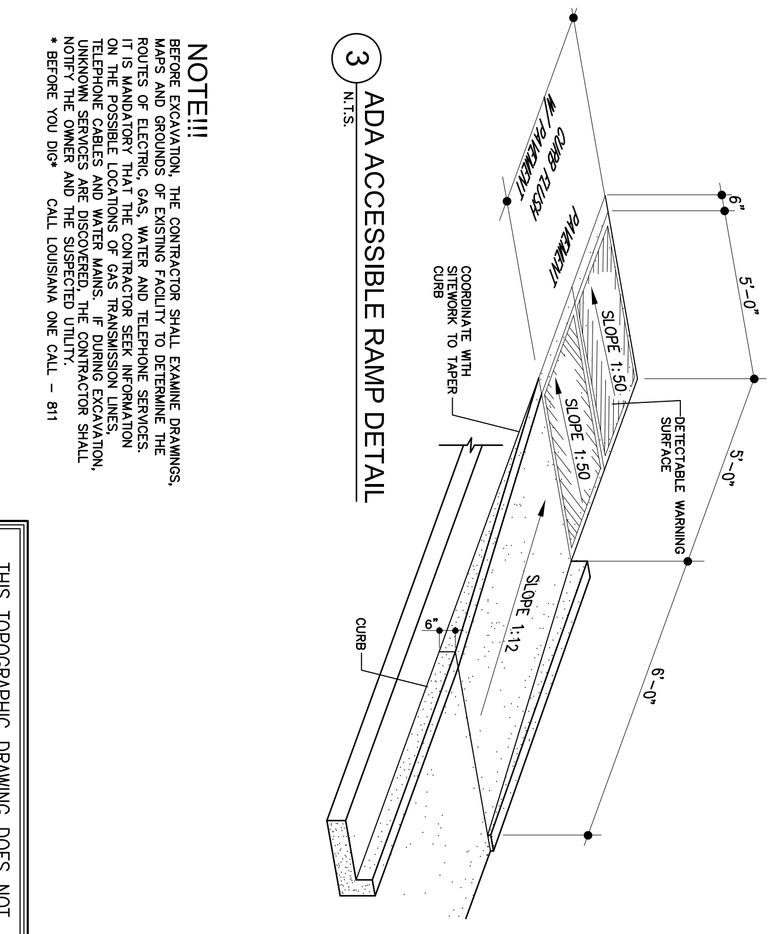
PROJECT: A NEW OFFICE BUILDING FOR
THE CUNNINGHAM GROUP
4071 VIKING DRIVE
BOSSIER CITY, LOUISIANA 71111

OFFICE BUILDING FOR THE CUNNINGHAM GROUP

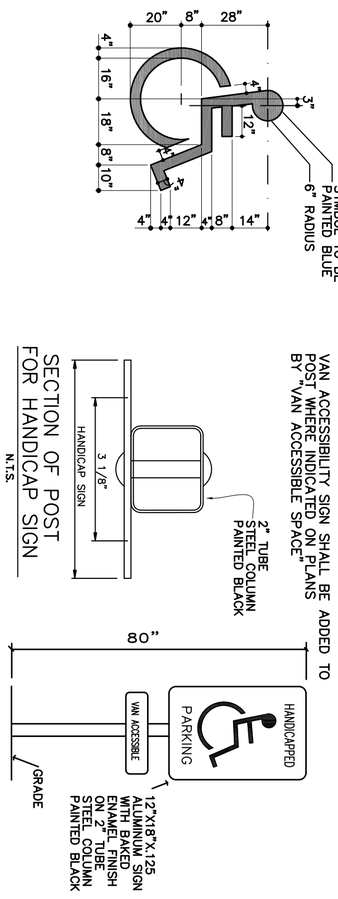
PROJECT NO.:		
REVISIONS		
No.	Description	Date
1	ADDRESS CORRECTION	090523

DRAWN BY:	TDL
CHECKED BY:	GTW
DATE:	5/24/23
SCALE:	AS NOTED
SHEET	T-1.0





3 ADA ACCESSIBLE RAMP DETAIL
N.T.S.



1 PAINTED HANDICAP PARKING SYMBOL
N.T.S.

ACCESSIBILITY PARKING SIGNAGE SHALL MEET STATE OF LOUISIANA STANDARDS AND/OR THE ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES. (CONTRACTOR TO VERIFY)

VAN ACCESSIBILITY SIGN SHALL BE ADDED TO POST WHERE INDICATED ON PLANS BY "VAN ACCESSIBLE SPACE"

2 ACCESSIBLE PARKING SIGNS
N.T.S.

SECTION OF POST FOR HANDICAP SIGN
N.T.S.

NOTE!!!
BEFORE EXCAVATION, THE CONTRACTOR SHALL EXAMINE DRAWINGS, MAPS AND GROUNDS OF EXISTING FACILITY TO DETERMINE THE ROUTES OF ELECTRIC, GAS, WATER AND TELEPHONE SERVICES. IT IS MANDATORY THAT THE CONTRACTOR SEEK INFORMATION ON THE POSSIBLE LOCATIONS OF GAS TRANSMISSION LINES, TELEPHONE CABLES AND WATER MAINS. IF DURING EXCAVATION, UNKNOWN SERVICES ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE SUSPECTED UTILITY.
* BEFORE YOU DIG* CALL LOUISIANA ONE CALL – 811

Louisiana 811
CALL BEFORE YOU DIG

THIS TOPOGRAPHIC DRAWING DOES NOT CONSTITUTE AN OFFICIAL LAND SURVEY.

NO ATTEMPT HAS BEEN MADE BY TAYLOR-WALLACE DESIGNS, INC. TO VERIFY TITLE, ACTUAL LEGAL OWNERSHIP, SERVITUDES, EASEMENTS, RIGHT-OF-WAY OR OTHER BURDENS ON THE PROPERTY, OTHER THAN THAT FURNISHED BY THE CLIENT OR HIS REPRESENTATIVES.

SITE PLAN
SCALE: 1" = 30'-0"

PROJECT: A NEW OFFICE BUILDING FOR
THE CUNNINGHAM GROUP
4071 VIKING DRIVE
BOSSIER CITY, LOUISIANA 71111

GREGORY T. WALLACE REG. NO. 6711 STATE OF LOUISIANA REGISTERED ARCHITECT
5/24/23

The Professional seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not detailed by the seal shall not be considered prepared by this Professional and the Professional shall not be considered responsible for such plans, drawings or documents not enabling this seal.

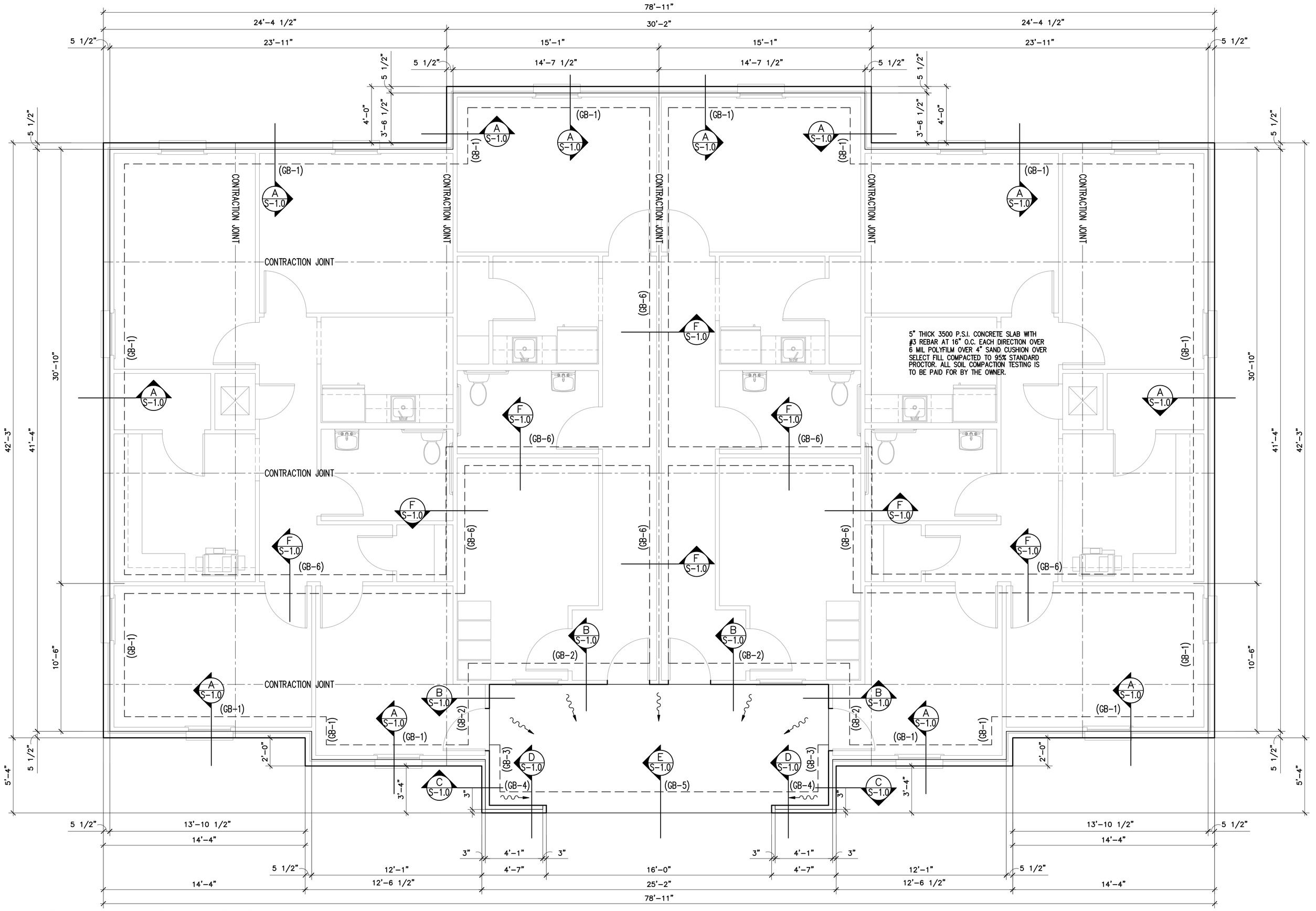
Taylor Wallace Designs
An Architectural Corporation
Gregory T. Wallace \\ Architect
2021 Williams Colony Road, Downsville, LA 71234
318 396.2197

REVISIONS		
No.	Description	Date
1	ADDRESS CORRECTION	090523
2	REMOVED FUTURE BUILDING	090523

PROJECT NO.:

DRAWN BY: TDL
CHECKED BY: GTW
DATE: 5/24/23
SCALE: AS NOTED
SHEET

C-1.0



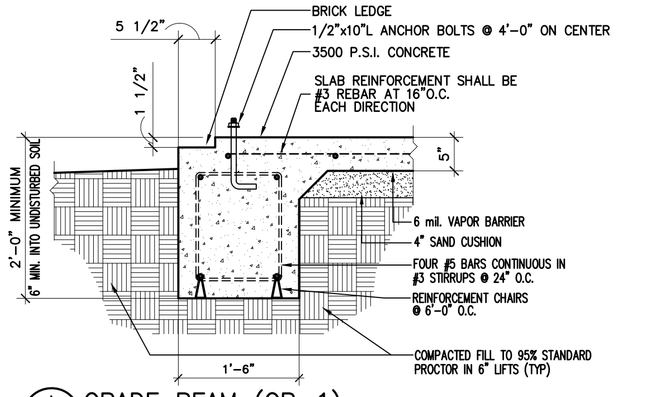
28 DAYS. POUR WITH MAXIMUM 5" SLUMP!

FOUNDATION NOTES

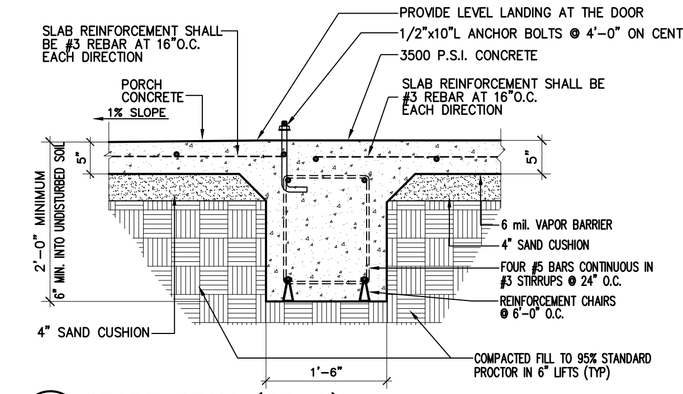
1. ALL CONCRETE FOOTINGS WITHIN THE BUILDING SHALL BE THE THICKNESS INDICATED ON PLAN.
2. FILL UNDER FLOOR SLABS SHALL BE INSTALLED IN 6" THICK LAYERS WITH EACH LAYER COMPACTED TO 95% STANDARD PROCTOR. NO ORGANIC MATTER IN FILL.
3. PROVIDE 4" SAND CUSHION BETWEEN SLAB AND SUBGRADE TO ALLOW PROPER DRAINAGE.
4. ALL CONCRETE MUST BE PROPERLY CURED FOLLOWING ACI RECOMMENDATIONS. USE W. R. MEADOWS CS-309 CLEAR ACRYLIC COPOLYMER OR EQUAL.
5. PROVIDE TERMITICIDE FOUNDATION TREATMENT BEFORE CONCRETE IS POURED.
6. FOUNDATION DESIGN LOADS SHALL BE AS REQUIRED BY THE INTERNATIONAL BUILDING CODE.
7. BOTTOM PLATES SHALL BE ANCHORED TO FOUNDATION WITH ANCHOR BOLTS @ 4'-0" O.C.
8. REINFORCING STEEL SHALL COMPLY WITH ASTM A615 GRADE 40/60 AND SHALL BE FABRICATED IN ACCORDANCE WITH ACI "STANDARD OF PRACTICE".
9. TOP OF EXTERIOR FOOTING SHALL RECEIVE A STEEL TOWEL FINISH. EXTERIOR SLABS SHALL RECEIVE A LIGHT BROOM FINISH.
10. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS. THE CONTRACTOR SHALL SECURE AND PAY FOR BUILDING PERMITS AS REQUIRED. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, SPECIFICATIONS AND STEEL SHAPES.
11. ALL SOIL COMPACTION TESTING IS TO BE PAID FOR BY THE OWNER.

CONCRETE MIX

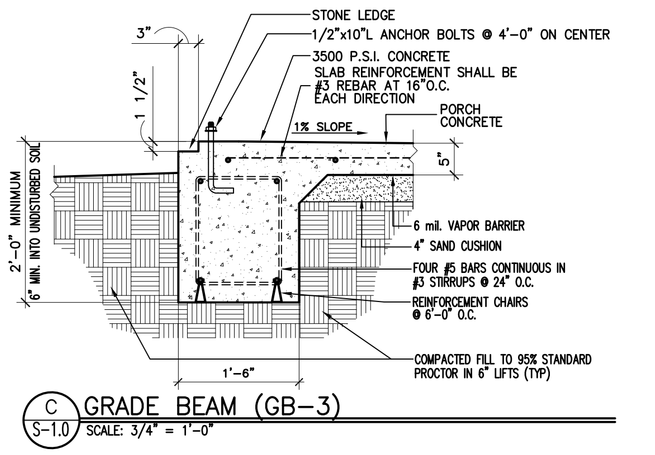
1. PROVIDE CONCRETE HAVING THE FOLLOWING 28-DAY COMPRESSIVE STRENGTH:
   FOOTINGS AND GRADE BEAMS 3500 PSI
   FLOOR SLAB 3500 PSI
   CONCRETE NOT MEETING STRENGTH REQUIREMENTS MAY REQUIRE REMOVAL AND REPLACEMENT. POUR WITH MAXIMUM 5" SLUMP.
2. WORKABILITY ADMIXTURES MAY BE UTILIZED, PROVIDED THAT BATCH PROPORTIONS ARE DETERMINED IN THE MANNER DESCRIBED IN THE SPECIFICATIONS.
3. PROVIDE FIVE PERCENT (PLUS OR MINUS 1%) AIR ENTRAINMENT IN CONCRETE PERMANENTLY EXPOSED TO THE WEATHER.(AND ELSEWHERE AT THE CONTRACTOR'S OPTION). USE OF AIR ENTRAINMENT, AND CORRESPONDING REDUCTION OF THE WATER/CEMENT RATIO, MUST BE NOTED ON THE MIX DESIGNS.
4. USE OF ACCELERATING OR SET-RETARDING ADMIXTURES REQUIRES PRIOR APPROVAL OF THE ARCHITECT.



A S-1.0 GRADE BEAM (GB-1)
SCALE: 3/4" = 1'-0"



B S-1.0 GRADE BEAM (GB-2)
SCALE: 3/4" = 1'-0"



C S-1.0 GRADE BEAM (GB-3)
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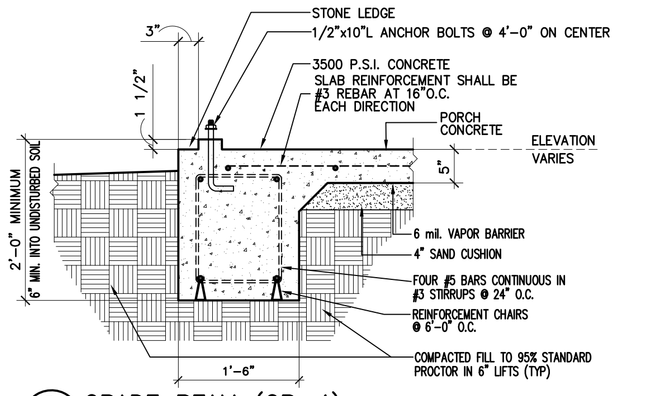
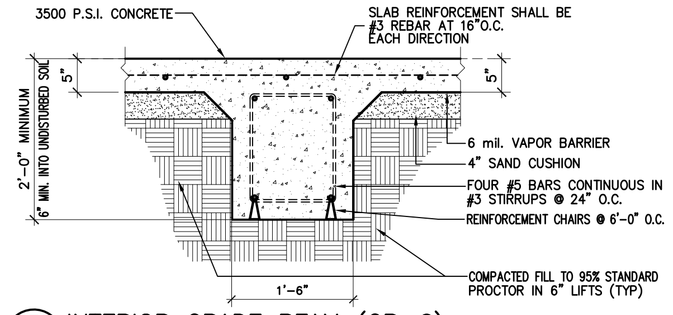
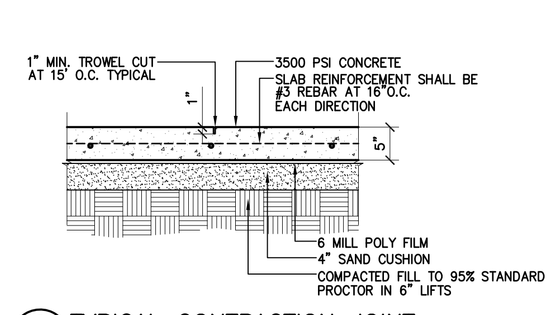


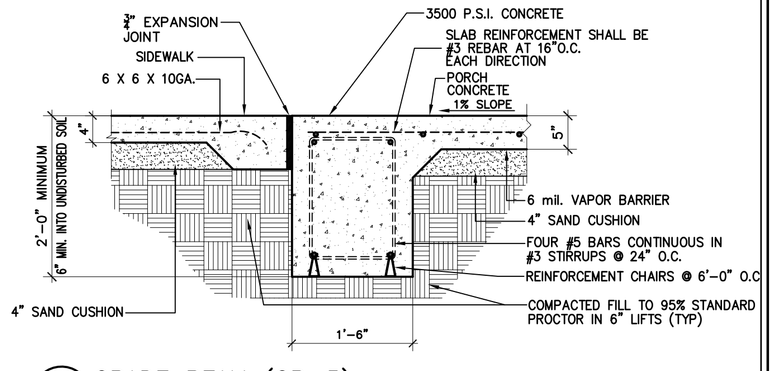
D S-1.0 GRADE BEAM (GB-4)
SCALE: 3/4" = 1'-0"



F S-1.0 INTERIOR GRADE BEAM (GB-6)
SCALE: 3/4" = 1'-0"



G S-1.0 TYPICAL CONTRACTION JOINT
SCALE: 3/4" = 1'-0"



E S-1.0 GRADE BEAM (GB-5)
SCALE: 3/4" = 1'-0"

FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

Taylor Wallace Designs
An Architectural Corporation
Gregory T. Wallace \\ Architect
2021 Williams Colony Road, Downsville, LA 71234
318 396.2197

PROJECT: A NEW OFFICE BUILDING FOR
THE CUNNINGHAM GROUP
4071 VIKING DRIVE
BOSSIER CITY, LOUISIANA 71111

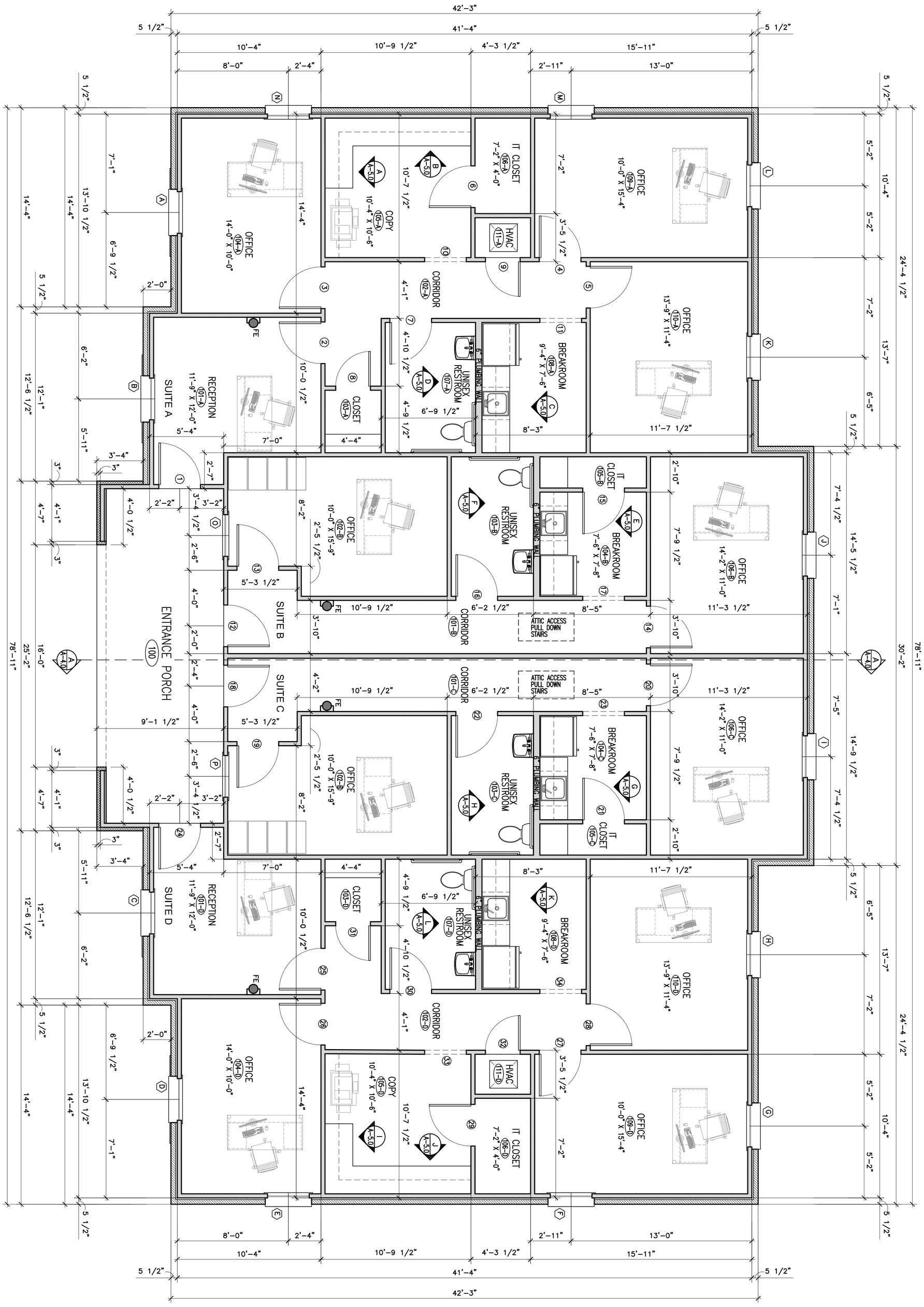
PROJECT NO.:		
REVISIONS		
No.	Description	Date
1	ADDRESS CORRECTION	090523

DRAWN BY:	TDL
CHECKED BY:	LPB
DATE:	5/24/23
SCALE:	AS NOTED
SHEET	

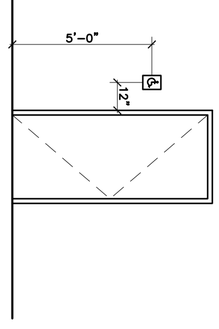
S-1.0

Larry P Blunt, PE, RA
Civil and Structural Consultant
408 Harmon Lane - Bossier City, Louisiana 71112
Phone: 318-243-3902

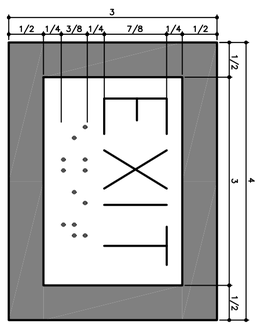
OFFICE BUILDING FOR THE CUNNINGHAM GROUP



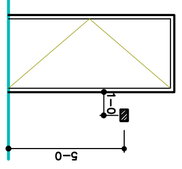
TO BE IN COMPLIANCE, HANG SIGN AS FOLLOWS–
- ON LATCH SIDE OF DOOR
- 60" FROM FLOOR TO CENTER OF SIGN
- 8" – 12" FROM DOOR FRAME TO CENTER OF SIGN
- PERSONS READING SIGN MUST BE ABLE TO STAND WITHIN 3" OF IT WITHOUT HITTING ANYTHING OR COMING WITHIN THE SWINGPATH OF THE DOOR.



TYPICAL HANDICAP RESTROOM SIGNAGE
NOT TO SCALE



NOTES:
1. 4" WIDE x 3" HIGH x 1/8" THICK SIGN MOUNTED AT STRIKE SIDE OF EXIT DOORS.
2. LETTER CHARACTERS TO BE RAISED 1/32" x 7/8" HT., UPPER CASE, SAN SERIF TYPE AND ACCOMPANIED BY GRADE 2 ROUNDED OR DOMED SHAPED BRAILLE.
3. BRAILLED CHARACTERS TO CONFORM WITH STANDARD DIMENSIONS FOR LITERARY BRAILLE AND AS INDICATED IN ADA GUIDELINES A4.30.4.
4. LOCATE SIGN AT EACH REQUIRED EXTERIOR EXIT DOOR. (EXTERIOR DOORS WITH ILLUMINATED EXIT SIGN ABOVE)



TACTILE EXIT SIGN - PROVIDE ONE AT EACH EXIT DOOR
NOT TO SCALE

DRAWING LEGEND	
FE	A LARSEN'S 5LB SURFACE MOUNT FIRE EXTINGUISHER – MP5 WITH LICENSED SERVICE COMPANY TAG. IN SEMI-RECESSED CABINET
(X)	DOOR MARK – SEE SCHEDULE
(X)	WINDOW MARK – SEE SCHEDULE
X (X-XX)	INTERIOR ELEVATION MARK

BUILDING AREAS	
SUITE A	1,090 SQ.FT.
SUITE B	617 SQ.FT.
SUITE C	617 SQ.FT.
SUITE D	1,090 SQ.FT.
ENTRANCE PORCH	226 SQ.FT.
TOTAL AREA	3,640 SQ.FT.

FLOOR PLAN
SCALE: 1/4" = 1'–0"

PROJECT: A NEW OFFICE BUILDING FOR

THE CUNNINGHAM GROUP

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Taylor Wallace Designs
An Architectural Corporation
Gregory T. Wallace \\ Architect
2021 Williams Colony Road, Downsville, LA 71234
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ROOM FINISH SCHEDULE

MARK	ROOM NAME	FLOORS	BASE	WALLS				WAINSCOT	CHAIRRAIL	CEILINGS	CLG. HT.	CROWN	NOTE
				N	E	S	W						
101–A	RECEPTION	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
102–A	CORRIDOR	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
103–A	CLOSET	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	---	
104–A	OFFICE	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
105–A	COPY	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
106–A	IT CLOSET	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	---	
107–A	UNISEX RESTROOM	LVT	WD	P.G.2	P.G.2	P.G.2	P.G.2	---	---	P.G.	10'–0"	WD	
108–A	BREAKROOM	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
109–A	OFFICE	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
110–A	OFFICE	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
111–A	HVAC	CON	--	P.G.3	P.G.3	P.G.3	P.G.3	---	---	P.G.	10'–0"	---	
101–B	CORRIDOR	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
102–B	OFFICE	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
103–B	UNISEX RESTROOM	LVT	WD	P.G.2	P.G.2	P.G.2	P.G.2	---	---	P.G.	10'–0"	WD	
104–B	BREAKROOM	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
105–B	IT CLOSET	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	---	
106–B	OFFICE	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
101–C	CORRIDOR	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
102–C	OFFICE	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
103–C	UNISEX RESTROOM	LVT	WD	P.G.2	P.G.2	P.G.2	P.G.2	---	---	P.G.	10'–0"	WD	
104–C	BREAKROOM	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
105–C	IT CLOSET	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	---	
106–C	OFFICE	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
101–D	RECEPTION	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
102–D	CORRIDOR	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
103–D	CLOSET	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	---	
104–D	OFFICE	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
105–D	COPY	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
106–D	IT CLOSET	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	---	
107–D	UNISEX RESTROOM	LVT	WD	P.G.2	P.G.2	P.G.2	P.G.2	---	---	P.G.	10'–0"	WD	
108–D	BREAKROOM	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
109–D	OFFICE	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
110–D	OFFICE	LVT	WD	P.G.	P.G.	P.G.	P.G.	---	---	P.G.	10'–0"	WD	
111–D	HVAC	CON	--	P.G.3	P.G.3	P.G.3	P.G.3	---	---	P.G.	10'–0"	---	

FINISH LEGEND

FLOORING
LVT – LUXURY VINYL TILE
CON – FINISHED CONCRETE ONLY

BASE
WD – 5 1/4" MDF WIDE BOTTOM W/ FINGER JOINT PRIME BASE SHOE

WALLS
P.G. – 1/2" GYPSUM BOARD TAPE,FLOAT, & PAINT – 2 COATS
P.G.2– 1/2" GYPSUM BOARD TAPE,FLOAT, & PAINT W/ EPOXY PAINT – 2 COATS
P.G.3 – 1/2" GYPSUM BOARD, TAPE & FLOAT ONLY

WAINSCOT
WD – NONE

CHAIRRAIL
WD – NONE

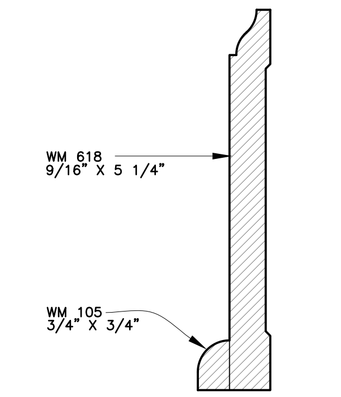
CEILINGS
P.G. – 1/2" GYPSUM BOARD TAPE,FLOAT, & PAINT – 2 COATS

CROWN
WD – 4 1/4"

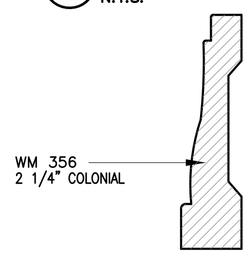
PAINT
ALL PAINT COLORS ARE TO BE SELECTED BY OWNER

GENERAL NOTES
INSULATE ALL INTERIOR WALLS.
PROVIDE STAINED BEAD BOARD AT PORCH CEILING

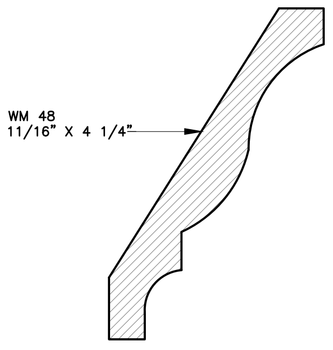
TRIM DETAILS



1 A–2.0 BASE TRIM N.T.S.



2 A–2.0 CASING N.T.S.



3 A–2.0 CROWN N.T.S.

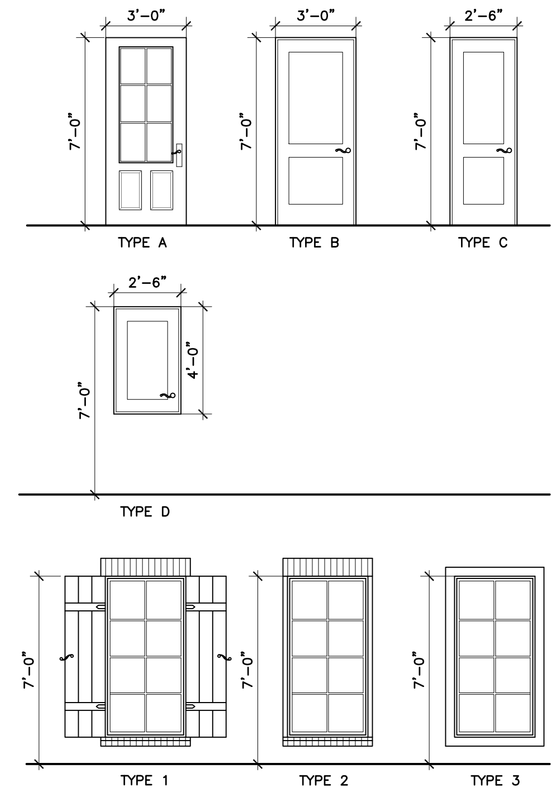
DOOR SCHEDULE

MARK	SIZE	TYPE	DESCRIPTION	HARDWARE	JAMB	NOTE
1	3'–0" x 7'–0" x 1–3/4"	A	OWNER SELECTED DOOR WITH 1/2 GLASS AND ADA THRESHOLD	LEVER LOCKSET WITH CLOSER	WOOD	
2	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER PASSAGE	WOOD	
3	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER LOCKSET	WOOD	
4	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER LOCKSET	WOOD	
5	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER LOCKSET	WOOD	
6	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER LOCKSET	WOOD	
7	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER PRIVACY	WOOD	
8	2'–6" x 7'–0" x 1–3/8"	C	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER PASSAGE	WOOD	
9	2'–6" x 4'–0" x 1–3/8"	D	INTERIOR SINGLE PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER PASSAGE	WOOD	
10	3'–0" x 7'–0"		CASED OPENING			
11	3'–0" x 7'–0"		CASED OPENING			
12	3'–0" x 7'–0" x 1–3/4"	A	OWNER SELECTED DOOR WITH 1/2 GLASS AND ADA THRESHOLD	LEVER LOCKSET WITH CLOSER	WOOD	
13	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER LOCKSET	WOOD	
14	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER LOCKSET	WOOD	
15	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER LOCKSET	WOOD	
16	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER PRIVACY	WOOD	
17	3'–0" x 7'–0"		CASED OPENING			
18	3'–0" x 7'–0" x 1–3/4"	A	OWNER SELECTED DOOR WITH 1/2 GLASS AND ADA THRESHOLD	LEVER LOCKSET WITH CLOSER	WOOD	
19	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER LOCKSET	WOOD	
20	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER LOCKSET	WOOD	
21	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER LOCKSET	WOOD	
22	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER PRIVACY	WOOD	
23	3'–0" x 7'–0"		CASED OPENING			
24	3'–0" x 7'–0" x 1–3/4"	A	OWNER SELECTED DOOR WITH 1/2 GLASS AND ADA THRESHOLD	LEVER LOCKSET WITH CLOSER	WOOD	
25	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER PASSAGE	WOOD	
26	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER LOCKSET	WOOD	
27	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER LOCKSET	WOOD	
28	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER LOCKSET	WOOD	
29	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER LOCKSET	WOOD	
30	3'–0" x 7'–0" x 1–3/8"	B	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER PRIVACY	WOOD	
31	2'–6" x 7'–0" x 1–3/8"	C	INTERIOR TWO PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER PASSAGE	WOOD	
32	2'–6" x 4'–0" x 1–3/8"	D	INTERIOR SINGLE PANEL DESIGN SOLID CORE MASONITE DOOR	LEVER PASSAGE	WOOD	
33	3'–0" x 7'–0"		CASED OPENING			
34	3'–0" x 7'–0"		CASED OPENING			

WINDOW SCHEDULE

MARK	SIZE	DESCRIPTION	TYPE	NOTE
A	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	1	PROVIDE SHUTTER
B	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	1	PROVIDE SHUTTER
C	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	1	PROVIDE SHUTTER
D	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	1	PROVIDE SHUTTER
E	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	2	
F	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	2	
G	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	2	
H	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	2	
I	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	2	
J	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	2	
K	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	2	
L	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	2	
M	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	2	
N	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	2	
O	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	3	
P	3'–0" X 6'–0"	FIXED VINYL WINDOW WITH DOUBLE INSULATED SAFETY GLASS	3	

DOOR AND WINDOW ELEVATIONS



SCHEDULES AND DETAILS

SCALE: 1/4" = 1'–0"

OFFICE BUILDING FOR THE CUNNINGHAM GROUP

Taylor Wallace Designs
An Architectural Corporation
Gregory T. Wallace \\ Architect
2021 Williams Colony Road, Downsville, LA 71234
318 396.2197

GREGORY T. WALLACE NO. 6741 REGISTERED ARCHITECT STATE OF LOUISIANA

5/24/23

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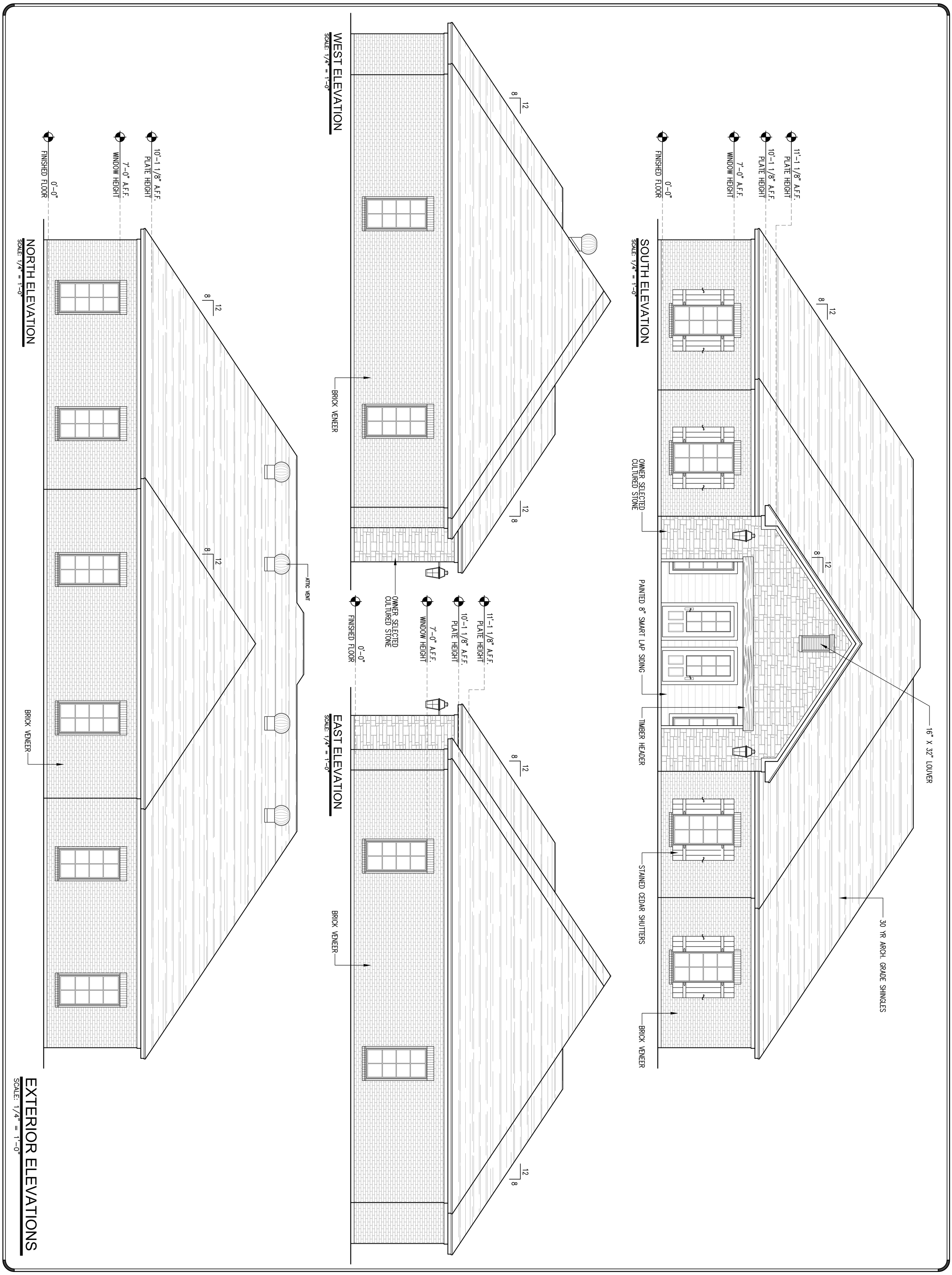
SHEET	

A-2.0



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CHECKED BY: GTW
DATE: 5/24/23
SCALE: AS NOTED
SHEET

PROJECT NO.:

REVISIONS

No.	Description	Date
1	ADDRESS CORRECTION	090523

PROJECT: A NEW OFFICE BUILDING FOR

THE CUNNINGHAM GROUP

4071 VIKING DRIVE
BOSSIER CITY, LOUISIANA 71111

GREGORY T. WALLACE
REG. NO. 6711
STATE OF LOUISIANA
REGISTERED ARCHITECT

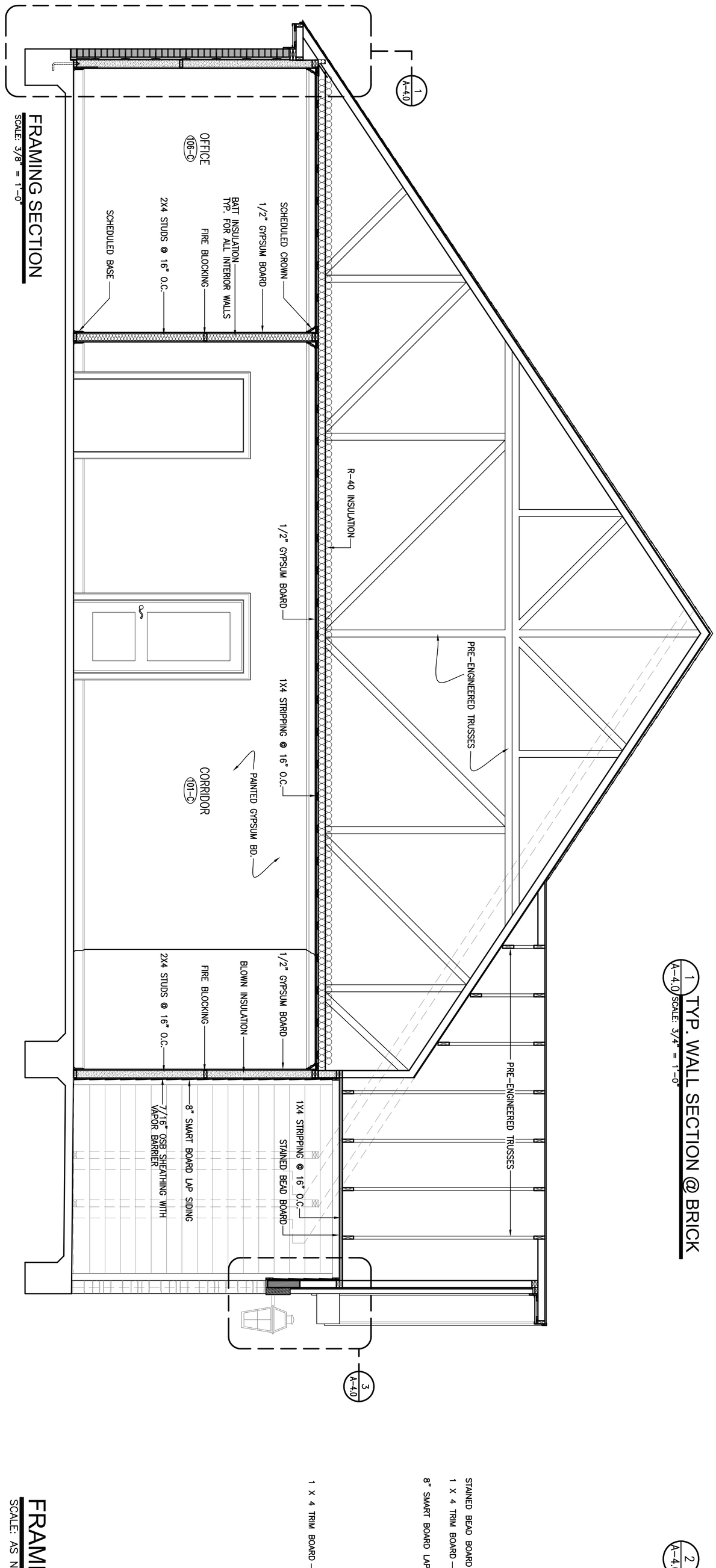
5/24/23

The Professional seal affixed to this sheet signifies only to the materials and items shown on this sheet. All drawings, instruments or other documents not affixed by the seal and not specifically prepared by the Architect are not to be considered prepared by the Architect and he assumes no responsibility for such plans, drawings or documents not exhibiting this seal.

Taylor Wallace Designs
An Architectural Corporation
Gregory T. Wallace \\ Architect
2021 Williams Colony Road, Downsville, LA 71234
318 396.2197

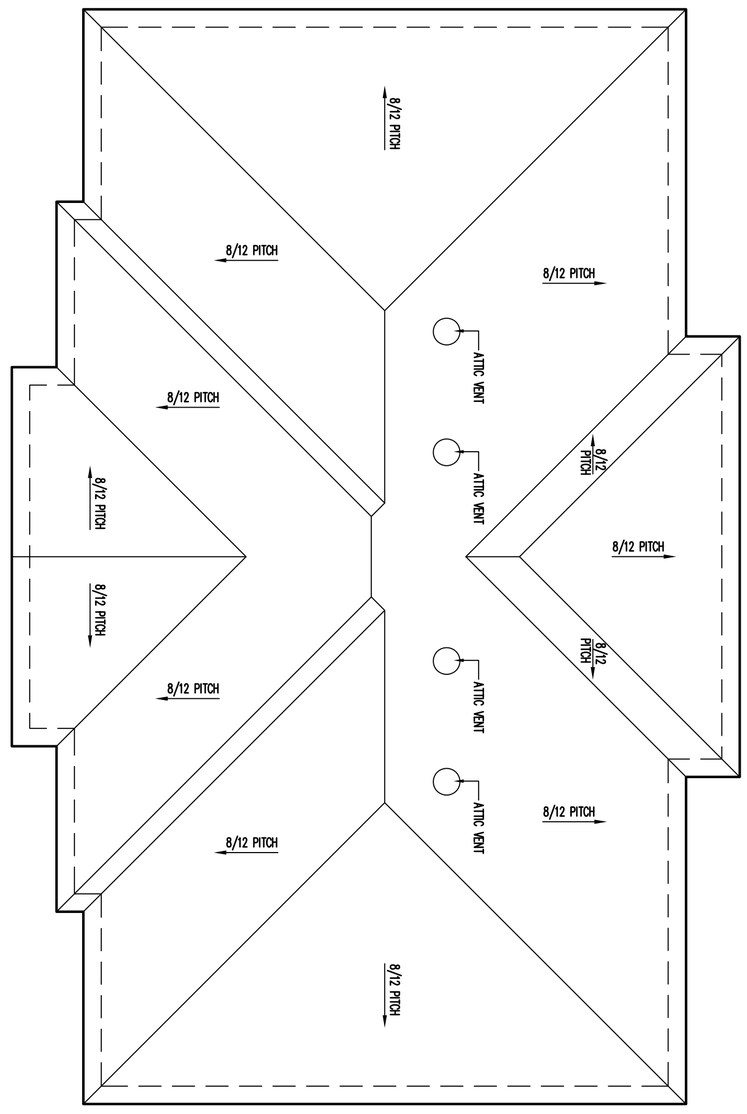
FRAMING SECTION

SCALE: 3/8" = 1'-0"



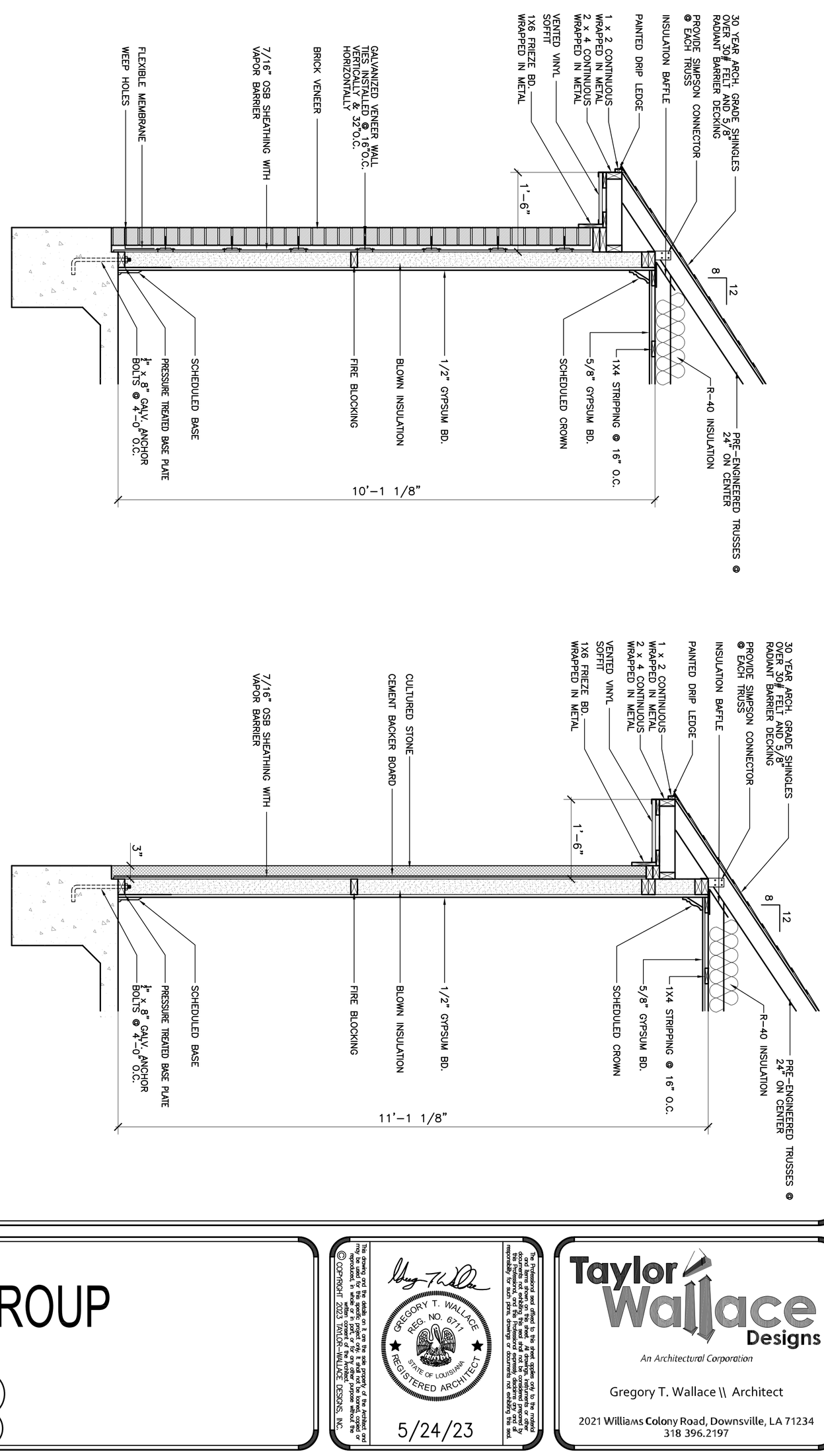
ROOF PLAN

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



TYP. WALL SECTION @ BRICK

1 A-4.0 SCALE: 3/4" = 1'-0"



TYP. WALL SECTION @ BRICK

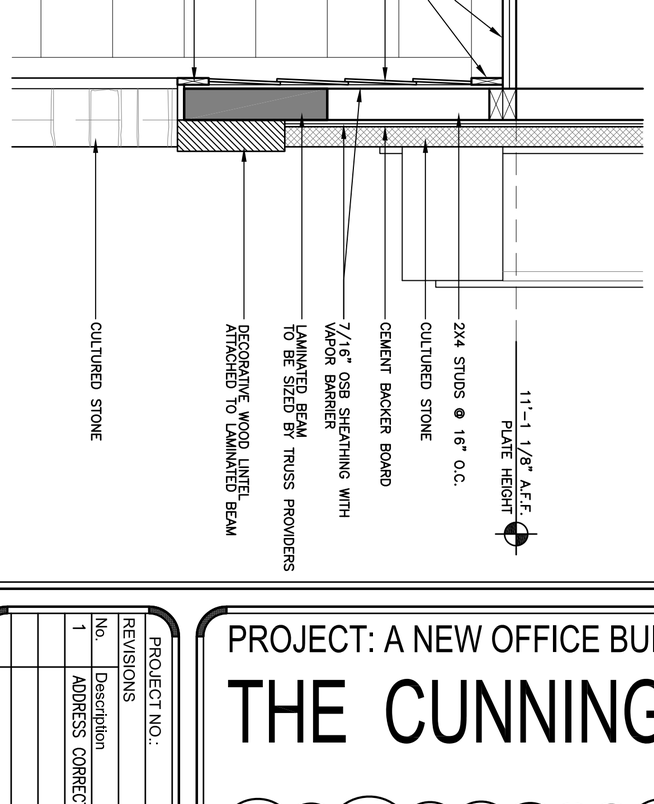
2 A-4.0 SCALE: 3/4" = 1'-0"

FRAMING SECTIONS AND ROOF PLAN

SCALE: AS NOTED

DETAIL AT ENTRANCE

3 A-4.0 SCALE: 3/4" = 1'-0"



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Gregory T. Wallace \\ Architect
2021 Williams Colony Road, Downsville, LA 71234
318 396.2197

FASTENER SCHEDULE

IBC 2021– TABLE 2304.10.2

DESCRIPTION OR BUILDING ELEMENTS	NUMBER AND TYPE OF FASTNER (a,b,c,d)	SPACING OF FASTENERS
Joist to sill or girder, toe nail	3–8d	
1"x6" subfloor or less to each joist, face nail	2–8d 2–1 3/4" 16 gage staple	
2" subfloor to joist or girder, blind and face nail	2–16d	
Sole plate to joist or blocking, face nail	16d	16" o.c.
Top or sole plate to stud, end nail	2–16d	
Stud to sole plate, toe nail	3–8d 2–16d	
Double stud, face nail	10d	24" o.c.
Double top plate, face nail	10d	24" o.c.
Sole plate to joist or blocking at braced wall panel	3–16d	16" o.c.
Double top plates, minimum 48–inch offset of end joints, ace nail in lapped area	8–16d	
Blocking between joists or rafters to top plate, toe nail	3–8d	
Rim joist to top plate, toe nail	8d	6" o.c.
Top plates, laps at corners and intersections, face nail	2–10d	
Built–up header, two pieces with 1/2–inch spacer	16d	16" o.c. along each edge
Continuous header, two pieces	16d	16" o.c. along each edge
Ceiling joist to plate, toe nail	3–8d	
Continued header to stud, toe nail	4–8d	
Ceiling joist, laps over partitions, face nail	3–10d	
Ceiling joist to parallel rafters, face nail	3–10d	
Rafters to plate, toe nail	2–16d	
1" brace to each stud and plate face nail	2–8d 2–1 3/4" 16 gage staples	
1"x6" sheathing to each bearing wall, face nail	2–8d 2–1 3/4" 16 gage staples	
1"x8" sheathing to each bearing wall, face nail	2–8d 3–1 3/4" 16 gage staples	
Wider than 1"x8" sheathing to bearing wall, face nail	3–8d 4–1 3/4" 16 gage staples	
Build–up corner studs	10d	24" o.c.
Build–up girders and beams 2–inch lumber layers	10d	Nail each layer as follows: 32' o.c. at top and bottom and staggered. Two nails at ends and at each splice.
2" planks	2–16d	At each bearing
Roof rafters to ridge, valley or hip rafters: toe nail face nail	4–16d 3–16d	
Rafter ties to rafters, face nail	3–8d	

Wood structural panels, subfloor, roof and wall sheathing to framing, and particleboard wall sheathing to framing			
5/16" –½";	6d common nail (subfloor, wall) 8d common (roof)(f)	6	12 (g)
19/32" to 1";	8d common nail	6	12 (g)
1⅛" to 1¼"	10d common nail or 8d deformed nail	6	12

DESCIPTION OF BUILDING MATERIAL	DESCIPTION OF BUILDING MATERIAL	SPACING OF FASTENERS Edges (inches) (i)	Intermediate supports (inches) (c,e)
Other wall sheathing			
1/2" regular cellulosic fiberboardsheathing	1 1/2" galvanized roofing nail 6d common nail 1 1/2" 16 ga staple	3	6
1/2" strurtural cellulosic fiberborad sheathing	1 1/2" galvanized roofing nail 8d common nail 1 1/2" 16 ga staple	3	6
25/32" structural cellulose fiberboard sheathing	1 3/4" galvanized roofing nail 8d common nail 1 3/4" 16 ga staple	3	6
1/2" gypsum sheathing	1 1/2" galvanized roofing nail 6d common nail 1 1/2" 16 ga galvanized staple 1 1/4" screw, Type W or S	4	8
5/8" gypsum sheathing	1 3/4" galvanized roofing nail 8d common nail 1 5/8" 16 ga galvanized staple 1 5/8" screw, Type W or S	4	8
Wood structural panels, combination subfloor underlayment to framing			
3/4" and less	6d deformed nail or 8d common nail	6	12
7/8" – 1"	8d common nail or 8d deformed nail	6	12
1 1/8" – 1 1/4"	10d common nail or 8d deformed nail	6	12

NOTE: ALL SECTIONS OF IBC 2015, CHAPTER 23 APPLY TO THIS PROJECT.

WOOD TRUSS SPECIFICATIONS

1. **Truss documents should include**
   1) Sealed layouts, profiles and calculations.
   2) Procedures for installing , securing, bracing etc. of all trusses.
2. **SHOP DRAWINGS**
   2.1 The following should be included on submitted shop drawings
   1) Stamp and signature of engineer responsible for preparation of all truss design and layout drawings: certifying that the design & layout is in accordance with the structural parameters & drawings.
   2) Allowable loads for lumber and plates used as allowed by ICBO and current ICBO report number and by International Building Code, 2021 edition.
   3) Stress reduction factors used for plates.
   4) Top and bottom chord design loads in PLF.
   5) Size, guage, and exact location by dimension of plates.
   6) Lumber species and grades used.
   7) Concentrated load requirements have been design for and shown on documents.
   8) Truss to truss connection hardware requirements.
   2.2 All truss shop drawings must be reviewed and written approval provided by general contractor prior to submittal of shop drawings to structural engineer.
   2.3 All trusses must be designed for uplift loads, uplift values at each truss bearing point must be shown on truss engineering sheet.
3. **METAL GUSSET PLATES:**
   3.1 Plate design and manufacture shall be as approved by "The Research Committee for the ICBO". Plates shall be galvanized or otherwise protected from corrosion.
   3.2 Manufacturer's name or trademark shall be visible on plates.
4. **GENERAL:**
   4.1 Fabrication of trusses shall be as approved by ICBO except that this specification shall govern when it exceeds ICBO requirements.
   4.2 Fabricate trusses from approved shop drawings.
   4.3 Fabricated trusses in jigs with members accurately cut to provide full contact at joints.
   4.4 Each chord section shall extend through two panel points before being sliced.
   4.5 Truss fabricator shall have his plant inspected four times per year by an independent testing laboratory in accordance with TPI regulations and copies of inspections made available to owner upon request.
   4.6 Truss fabricator shall specify hardware required at truss to truss connections.
   4.7 All component web members requiring lateral bracing shall have 2x T–braces unless the component engineer provides other bracing design & details.
   4.8 Moisture content of all lumber shall not exceed 19%
   4.9 All chord material lumber shall have a minimum specific gravity "G"=0.5.
   4.10 Bearing area of component cannot be larger than the framing member used for bracing.
   4.11 Top chord shall be continuously braced with properly attached sheathing or bracing at 2' o.c (max.). Bottom chord shall be continuously braced with properly attached ceiling gypsum sheathing or bracing at 10" o.c (max.), unless noted otherwise be attached to each truss with 2–10d nails.

WOOD STRUCTURAL PANEL ROOF SHEATHING NAILING SCHEDULE			ROOF FASTENING ZONES (c)		
			①	②	③
THICKNESS	NAILS	LOCATION	FASTENING SCHEDULE (inches on center)		
1/2" OR LESS	8d COMMON	PANEL EDGE (a)	6	6	4(b)
		PANEL FIELD	6	6	6(b)
19/32" OR GREATER	10d COMMON	PANEL EDGE (a)	6	6	4(b)
		PANEL FIELD	6	6	6(b)

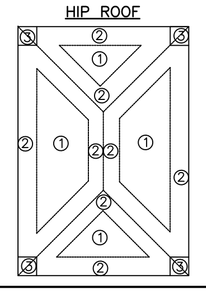
(a) EDGE SPACING ALSO APPLIES OVER ROOF FRAMING AT GABLE END WALLS

(b) USE RING–SHANK NAILS IN THIS ZONE IF MEAN ROOF HEIGHT IS GREATER THAN 25'

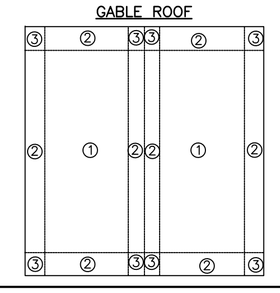
(c) THE ROOF FASTENING ZONES ARE SHOWN BELOW

ROOF FASTENING ZONES

HIP ROOF



GABLE ROOF



GENERAL NOTES/ SPECIFICATIONS:

DESIGN CRITERIA

1. The building code is the International Building Code 2015 Edition.
2. The lateral load design has been calculated for 115 Miles Per Hour basic wind speed as per IBC 2015.

DESIGN LOADS

ROOF	20	20

WOOD FRAMING MATRIAL SPECIFICATIONS

1. All structural lumber shall be Southern Yellow Pine (S.Y.P) of the following grade.

	STRUCTURAL GRADE
JOISTS	NO. 2
BEAMS	NO. 2
STUDS	NO. 2
POSTS	NO. 2
RAFTERS	NO. 2

2. PSL beams shall be min. Fb = 2900 psi, min. Fv = 290 psi & min. E = 2,000,000 psi.
3. Roof diaphragm shall be mi. of 1/2" thick structural grade plywood nailed to the supports with 10d nails at a max. of 6" o.c at all exterior edges.
4. Floor diaphragm shall be min. of 3/4" structural grade plywood nailed to the supports with 10d nails at a max. of 6" o.c at all exterior edges.
5. All shearwalls shall be 7/16" thick APA rated sheathing nailed as per shearwall schedule–1 or 1/2" gypsum board or gypsum sheathing or 5/8" gypsum sheathing nailed as per shearwall schedule–2 as shown on shearwall plan drawings.
6. All steel hardware used shall be Simpson or equal.
7. All wood exposed to weather or in contact with concrete shall be preservative–treated wood. All fastners attached to preservative–treated wood shall be hot–dipped zinc coated galvanized steel or stainless steel.

EQUIPMENT ACCESS STAIR AND HANDRAIL NOTES

All equipment access stairs and handrails shall be designed per NFPA 101:40.2.5.2:

1. Stair stringers, treads and risers shall be designed to support 100 psf live loads
2. Individual stair treads shall be designed to support a concentrated load of 300 lbs in a position that would cause maximum stress
3. Handrail assemblies and guardrail systems shall be designed to resist a load of 50 plf applied in any direction at the top. Further these assemblies shall be able to resist a single concentrated load of 200 lbs applied in any direction at any point along the top, and have attachment devices and supporting structure to transfer this loading to appropriate structural elements of the building. Intermediate rails (all those except the handrail), balusters, and panel fillers shall be designed to withstand a horizontally applied normal load of 50 psf over the entire tributery area including openings and space between rails.

FRAMING NOTES/ SPECIFICATIONS:

ROOF AND CEILING

1. General. The framing details given here apply to roofs having a minimum slope of 3:12 or greater. When the roof slope is less than 3:12, members supporting rafters and ceiling joists such as ridge boards, hips and valleys shall be designed as beams.
2. Spans. Allowable spans for ceiling joists shall be in accordance with the requirements of the applicable code.
3. Framing. Rafters shall be framed directly opposite each other at the ridge and wherever possible on the hips and valleys. Ridges shall be at least 1–inch nominal thickness and not less in depth than the cut end of the rafter. At all valley and hips there shall be a single valley or hip rafter not less than 2–inch nominal thickness and not less in depth than the cut end of the rafter. Whenever the rafters do not align with each other on the ridge, hip or valley, the ridge, hip or valley must be designed as a beam.
4. Rafter ties. Rafters shall be nailed to adjacent ceiling joist to form a continuous tie between exterior walls when such joists are parallel to the rafters. Where not parallel, rafters shall be tied to 2–inch by 4–inch (nominal) minimum–sized cross ties. Rafter ties shall be spaced not more than 4 feet on center. The seat cut at the rafter bird's–mouth shall be no longer than it's bearing member.

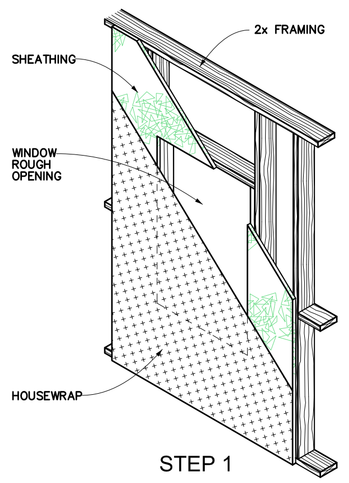
   5. Purlins. Purlins to support roof loads may be installed to reduce the span of rafters within allowable limits and shall be supported by struts to bearing walls or beam. The maximum span of 2–inch by 4–inch purlins shall be 4 feet. The maximum span of 2–inch by 6–inch purlin shall be 6 feet but in no case shall the purlin be smaller than the supported rafters. Struts shall be not smaller than 2–inch by 4–inch members. The unbraced length of struts shall not exceed 8 feet and the minimum slope of the struts shall be not less than 45 degrees from the horizontal.
6. Blocking. Roof rafters and ceiling joists shall be supported laterally to prevent rotation and lateral displacement. See FLOOR JOIST No. 6 on this document.
7. Roof sheathing. Plywood used for roof sheathing shall be bonded by intermediate or exterior glue. Plywood roof sheathing exposed on the underside shall be bonded with exterior glue. Plywood must be of minimum 1/2" thickness and meet all other requirements of the code. End joints in plywood shall occur over supports and end joints shall be staggered a minimum of one member on adjacent rows.

SUBFLOORING FOR AIR HANDLER SUPPORT:

1. Lumber. Sheathing used as structural subfloor shall be minimum three fourths inch thick and installed perpendicular to the supports. Joints shall occur over supports unless end–matched lumber is used, in which case each piece shall bear on at least two supports. Subflooring may be omitted when joist spacing does not exceed 16 inches and 1–inch nominal tongue–and–grooved wood strip flooring is applied perpendicular to the supports.
2. Plywood. Plywood used as structural subfloor shall be minimum three fourths inch thick and installed perpendicular to the supports.
3. Fasteners. Glue used shall be in accordance with adhesive manufacturesr's printed directions and shall be provided for attaching subfloor to each joist. Fasteners shall be installed per –– Fastener Schedule.
4. Alternate materials. Alternate materials may be used for subflooring, but in any case the materials and installation shall meet the minimum requirements of the code.

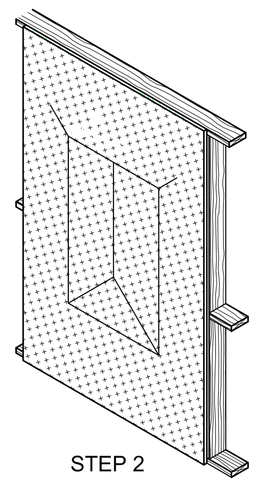
WALL FRAMING

1. Size, height and spacing. Two by four bearing walls with laterally unsupported studs 16 inches on center shall not exceed 10 in height. Non bearing walls may reach 14 feet in height. Two by six bearing walls with laterally unsupported studs 16 inches on center not to exceed 10 feet height shall be used to support more than 1 floor. Non bearing walls may reach 20 feet in height. Bridging not less than 2 inches in thickness and of the same width as the studs fitted snugly and nailed thereto to provide adequate lateral support may be used to increase height requirement but in no case shall two by four studs be used in load bearing walls of more than 14' in height. Studs shall be of a stud grade fir or syp and must all be 16" oc.
2. Regardless of height and without exception, all studs shall be continuous from sill to braced double top plates. The double top plates shall be considered braced if supporting ceiling joist, floor joist, or rafters.
3. Framing details. Studs shall be placed with their wide dimension perpendicular to the wall. Not less than three studs shall be installed at each corner of an exterior wall. Bearing and exterior wall studs shall be capped with double top plates installed to provide overlapping at corners and at intersections with other partitions. End joints in double top plates shall be offset at least 48 inches. Studs shall have full bearing on a plate or sill not less than 2 inches in thickness having a width not less than the wall stud.
4. Bracing. All exterior walls and main cross–stud partitions shall be effectively and thoroughly braced as required by the IBC.
5. Headers. All openings 4 feet wide or less in bearing walls shall be provided with headers consisting of either two pieces of 2–inch framing lumber placed on edge and securely fastened together or 4–inch lumber of equivalent cross section. All openings more than 4 feet wide shall be provided with headers or lintels. Each end of a lintel or header shall have a length of bearing of not less than 1.5 inches for the full width of the header or lintel. All supporting member shall be designed to support loads specified by the code.
6. Bridging. Unless covered by interior or exterior wall coverings or sheathing meeting the minimum requirements of this code, all stud partitions or walls of 6' or higher shall have bridging not less than 2 inches in thickness and of the same width as the studs fitted snugly and nailed thereto to provide adequate lateral support.
7. Cutting and notching. In exterior walls and bearing partitions, any wood stud may be cut or notched to a depth not exceeding 25 percent of its width. Cutting or notching of studs to a depth not greater than 40 percent of the width of the stud is permitted in nonbearing partitions supporting no loads other than the weight of the partition.
8. Bored holes. A hole not greater in diameter than 40 percent of the stud width may be bored in any wood stud. Bored holes not greater than 60 percent of the width of the stud are permitted in nonbearing partitions or in any wall where each bored stud is doubled, provided not more than two such successive doubled studs are so bored. Avoid knotches and holes in columns. In no case shall the edge of the bored hole be nearer than 5/8 inch to the edge of the stud. Bored holes shall not be located at the same section of stud as a cut or knotch.



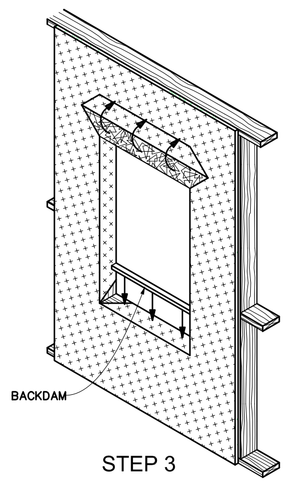
STEP 1

WOOD FRAME WALL WITH ½" EXTERIOR SHEATHING WITH HOUSEWRAP



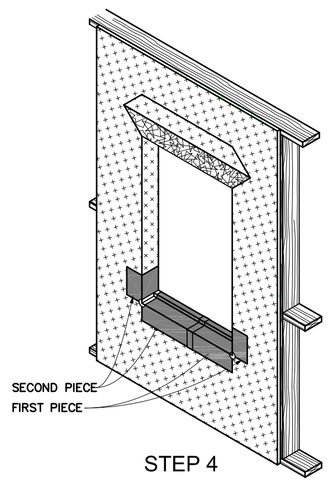
STEP 2

MODIFIED "I" CUT IN HOUSEWRAP



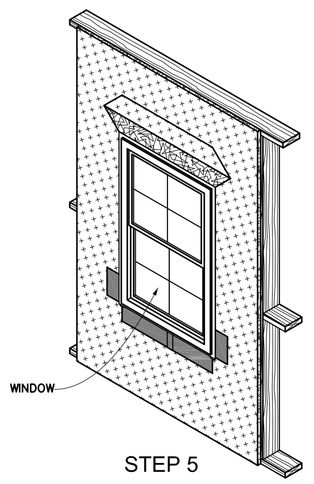
STEP 3

HOUSEWRAP FOLDED IN AT JAMBS AND SILL. HOUSEWRAP AT HEAD TEMPORARILY FOLDED UP OR, ALTERNATIVELY, TUCKED UNDER. INSTALL BACKDAM



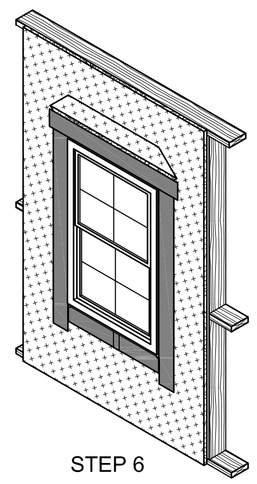
STEP 4

INSTALL FIRST PIECE OF ADHESIVE–BACKED SILL FLASHING. NEXT, INSTALL SECOND PIECE OF ADHESIVE–BACKED SILL FLASHING AND CORNER FLASHING PATCHES AT SILL.



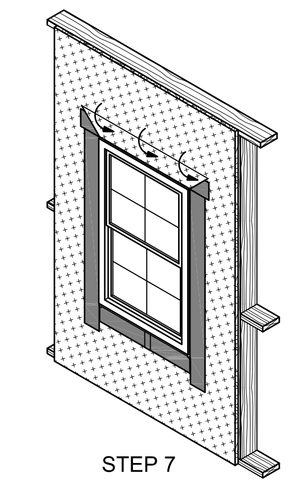
STEP 5

INSTALL WINDOW PLUMB, LEVEL AND SQUARE PER MANUFACTURER'S INSTRUCTIONS.



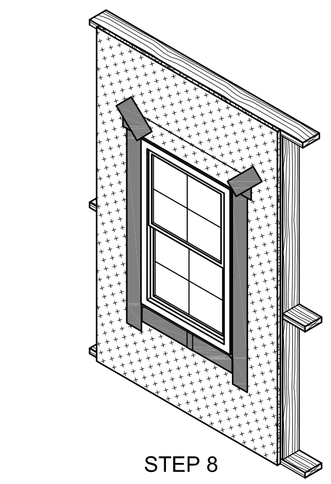
STEP 6

INSTALL JAMB FLASHING FIRST. INSTALL A DRIP CAP (IF APPLICABLE). INSTALL HEAD FLASHING.



STEP 7

FOLD DOWN HEAD HOUSEWRAP.

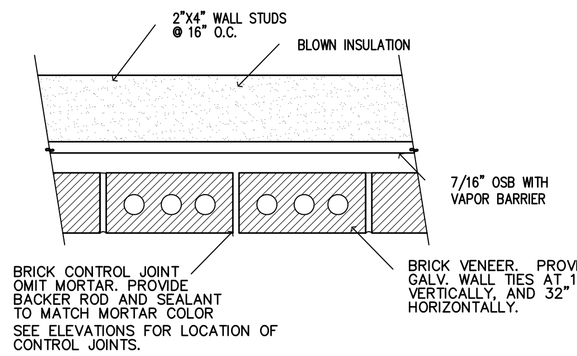


STEP 8

APPLY CORNER PATCHES AT HEAD. AIR SEAL WINDOW AROUND ENTIRE PERIMETER ON THE INTERIOR WITH SEALANT OR NON–EXPANDING FOAM.

BRICK STEEL ANGLE LINTEL SCHEDULE	
CLEAR SPAN	ANGLE SIZE
5'–0" OR LESS	L 3 1/2 x 3 1/2 x 5/16
6'–0" OR LESS	L 4 x 3 1/2 x 5/16 (LLV)
7'–0" OR LESS	L 4 x 3 1/2 x 5/16 (LLV)
8'–0" OR LESS	L 5 x 3 1/2 x 5/16 (LLV)
9'–0" OR LESS	L 5 x 3 1/2 x 3/8 (LLV)
10'–0" OR LESS	L 6 x 3 1/2 x 3/8 (LLV)
OVER 10'–0"	MUST BE ENGINEERED

LLV – LONG LEG VERTICAL



1 / A–4.1 BRICK CONTROL JOINT
N.T.S.

FRAMING NOTES AND DETAILS

SCALE: AS NOTED

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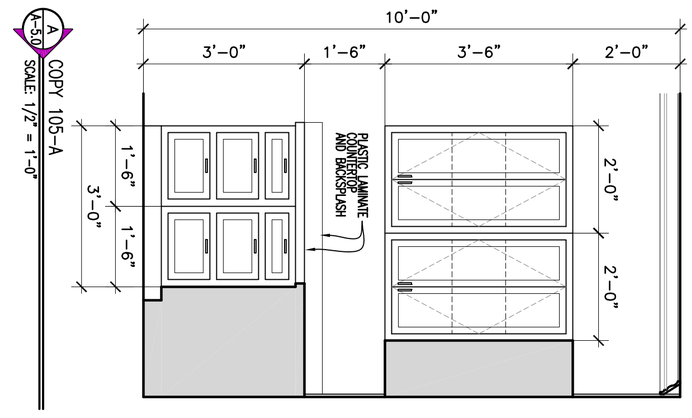
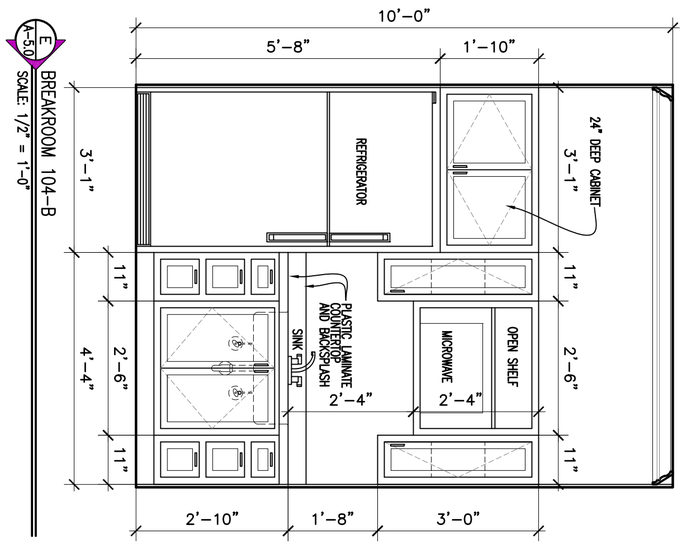
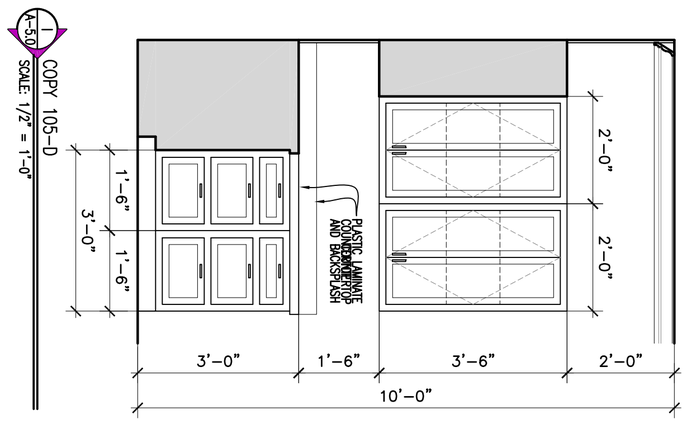
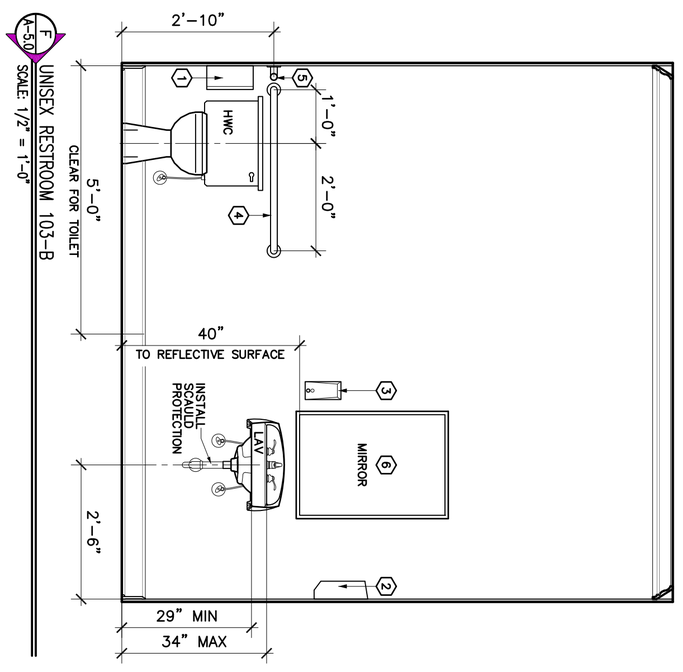
SHEET	A-4.1

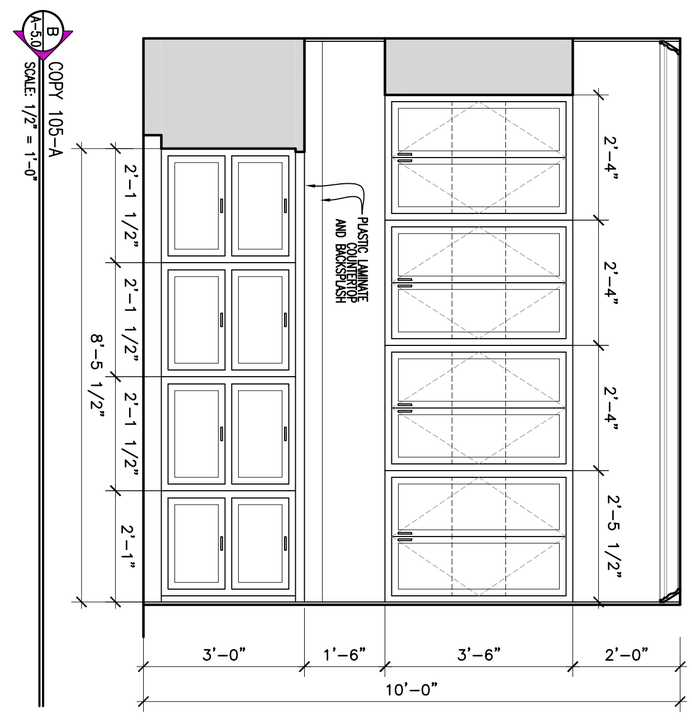
OFFICE BUILDING FOR THE CUNNINGHAM GROUP

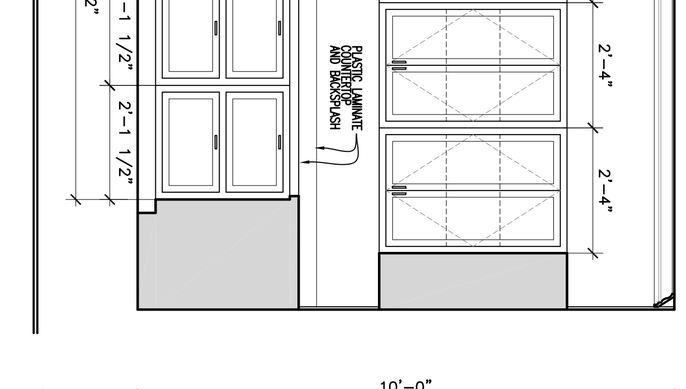


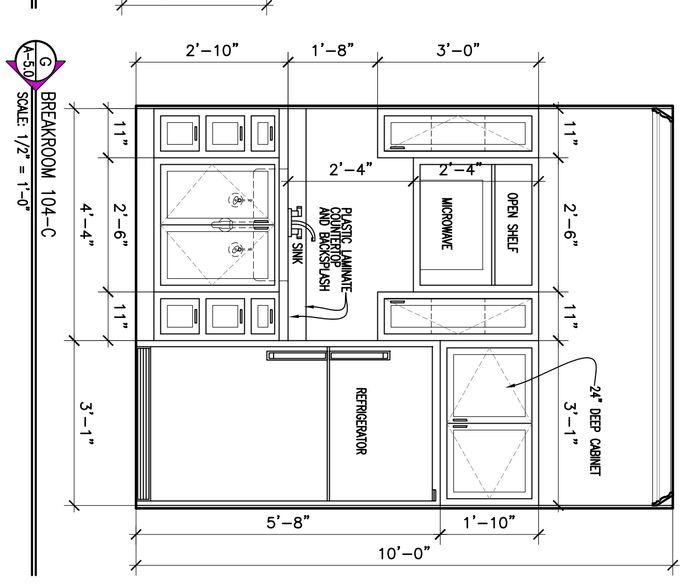


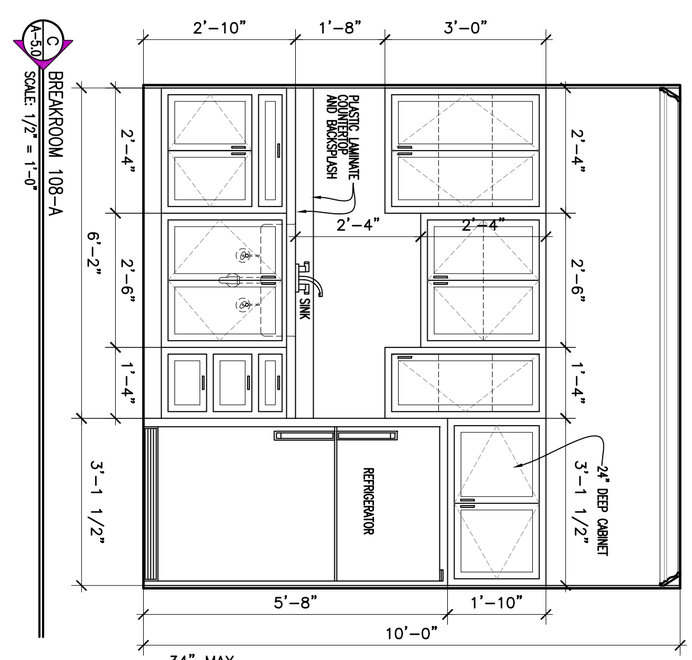


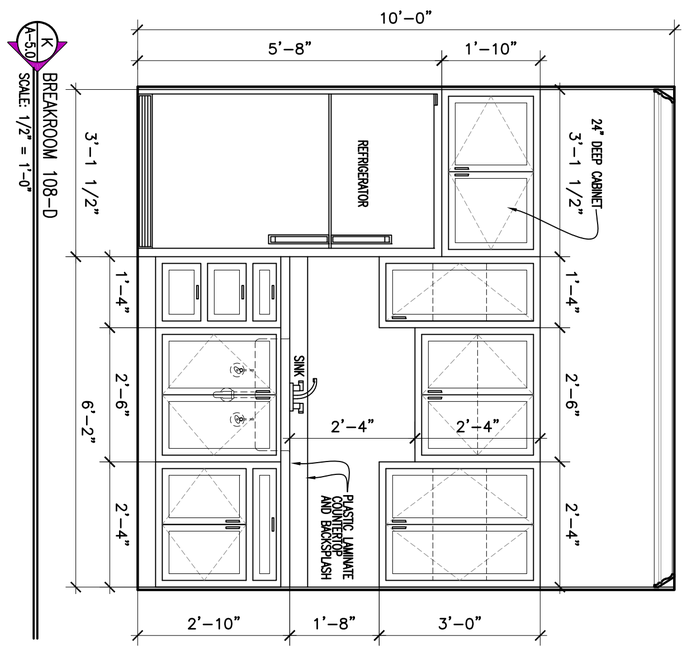


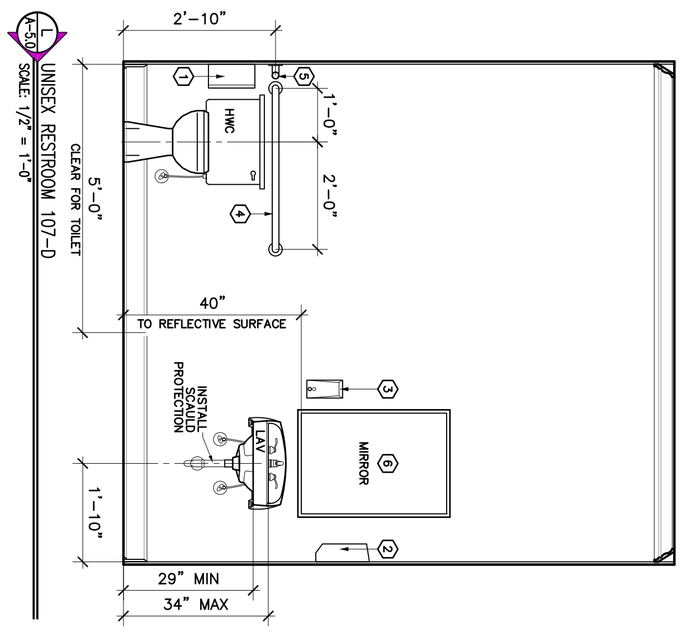


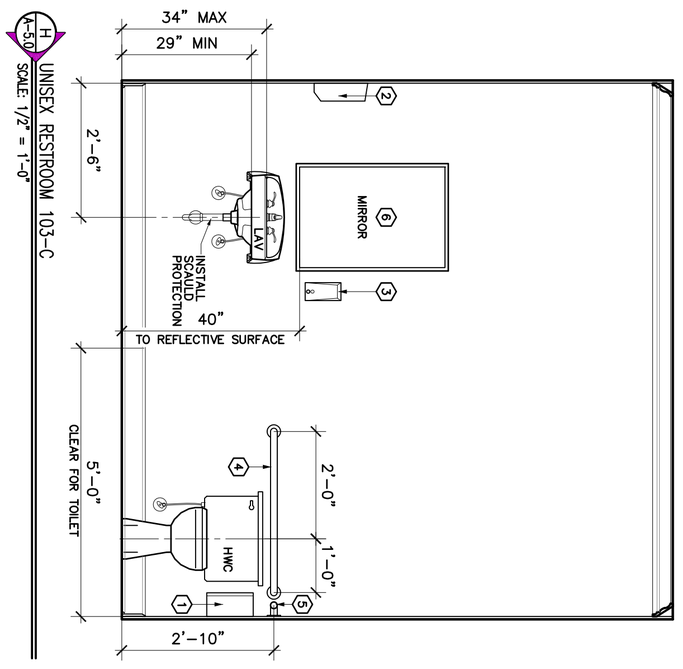


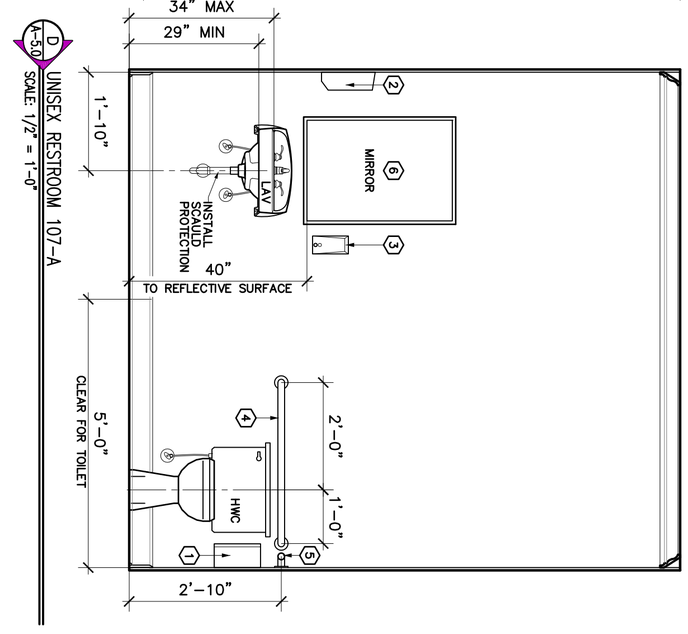


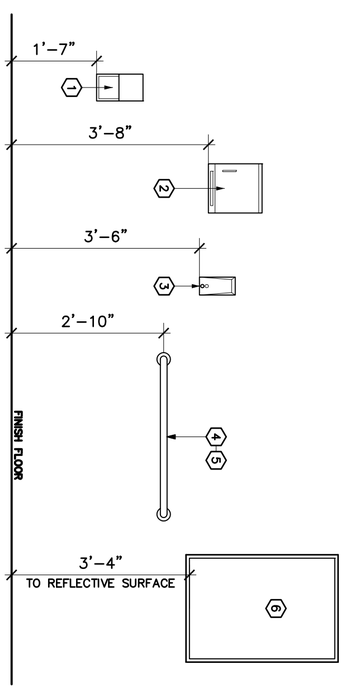












TOILET ACCESSORY SCHEDULE

①	TOILET TISSUE DISPENSER – BRADLEY MODEL 5126 (OR EQUAL) – SURFACE MOUNTED
②	PAPER TOWEL DISPENSER – BRADLEY MODEL 250-33 (OR EQUAL) – SURFACE MOUNTED
③	SOAP DISPENSER – BRADLEY MODEL 6562 (OR EQUAL) – SURFACE MOUNTED
④	GRAB BAR (REAR WALLS) 36" – BRADLEY MODEL 812 (OR EQUAL) – MOUNTED AT 34" A.F.F. TO CENTER – ONE PER H.C. WATER CLOSET
⑤	GRAB BAR (SIDE WALLS) 42" – BRADLEY MODEL 812 (OR EQUAL) – MOUNTED AT 34" A.F.F. TO CENTER – ONE PER H.C. WATER CLOSET
⑥	24"x36" MIRROR – PLATE MIRROR INSTALLED BY GLASS COMPANY.

INTERIOR ELEVATIONS

SCALE: 1/2" = 1'-0"

DRAWN BY:	TDL
CHECKED BY:	GTW
DATE:	5/24/23
SCALE:	AS NOTED
SHEET	A-5.0

PROJECT NO.:

REVISIONS

No.	Description	Date
1	ADDRESS CORRECTION	090523

PROJECT: A NEW OFFICE BUILDING FOR

THE CUNNINGHAM GROUP

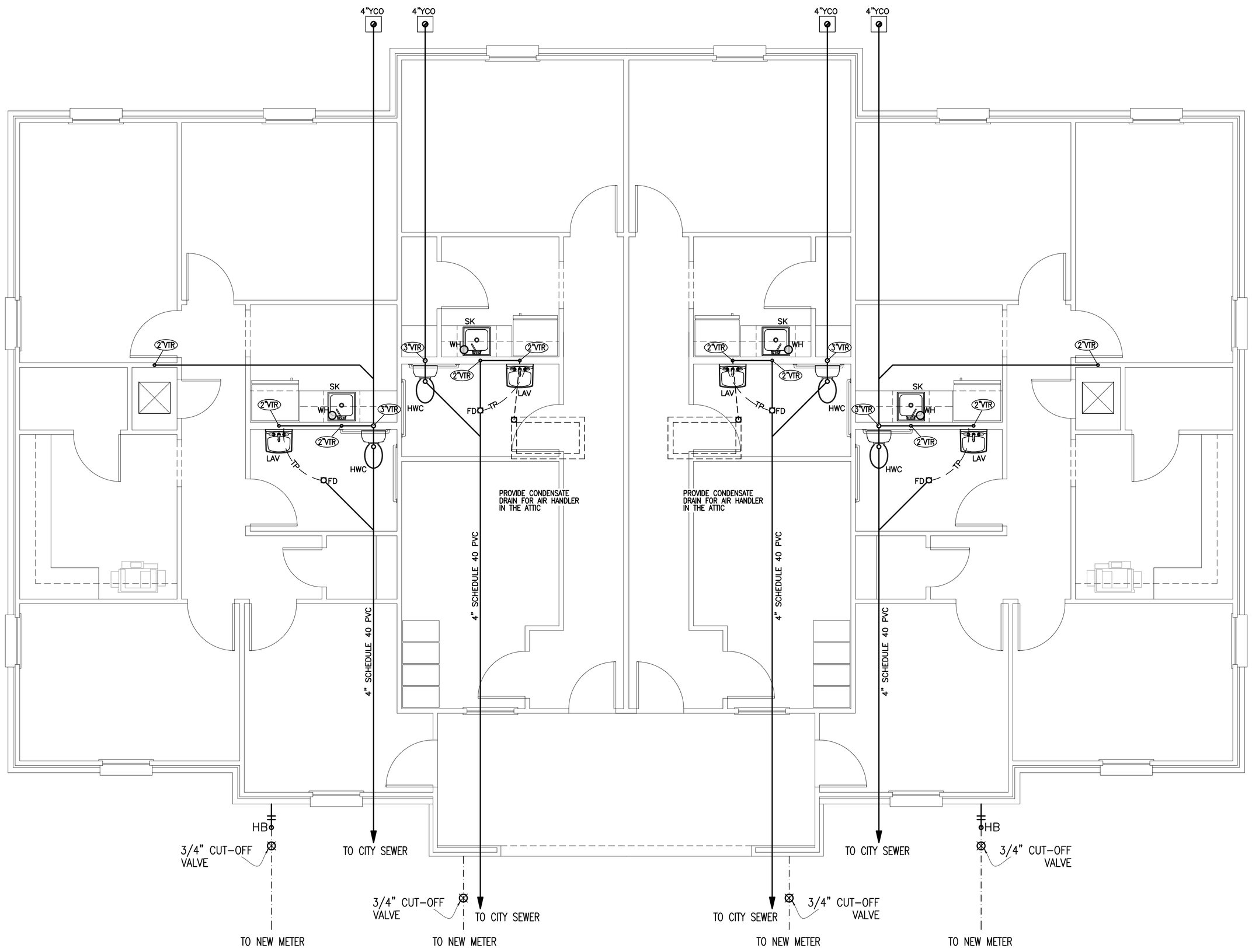
4071 VIKING DRIVE
BOSSIER CITY, LOUISIANA 71111

GREGORY T. WALLACE
REG. NO. 6711
STATE OF LOUISIANA
REGISTERED ARCHITECT

5/24/23

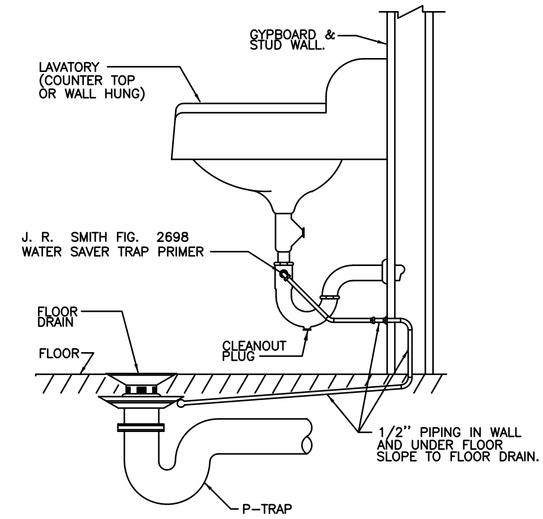
The Professional seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not carrying the seal and not bearing the original signature of the professional named shall not be considered prepared by this Professional, and this Professional shall not be responsible for, or liable for, such plans, drawings or documents not exhibiting this seal.

Taylor Wallace Designs
An Architectural Corporation
Gregory T. Wallace \\ Architect
2021 Williams Colony Road, Downsville, LA 71234
318 396.2197



GENERAL PLUMBING NOTES

1. COLD AND HOT WATER PIPING ABOVE GRADE SHALL BE PEX.
2. SANITARY WASTE & VENT PIPING ABOVE GROUND SHALL BE SCHEDULE 40 DWV PVC WITH SOLVENT JOINTS IF APPROVED BY LOCAL CODE OFFICIAL. PVC PIPING SHALL NOT BE LOCATED IN RETURN AIR PLENUM SPACES.
3. SANITARY WASTE PIPING BELOW GROUND SHALL BE SCHEDULE 40 DWV PVC WITH SOLVENT JOINTS.
4. ALL COLD WATER, HOT WATER AND DRAIN PIPING AT HANDICAPPED FIXTURES SHALL BE INSULATED WITH SELF-SEAL TRU-BRO OR EQUAL, 1/2" WALL THICKNESS. INSULATION SHALL BE WHITE IN COLOR AND SHALL FIT SNUGGLY AROUND PIPING.
5. ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES.
6. ALL PIPING PENETRATING CEILINGS AND WALLS SHALL BE INSTALLED WITH CHROME-PLATED ESCUTCHEONS AT THE PENETRATION. ALL PIPING PENETRATING FIRE RATED WALLS & CEILINGS SHALL BE FIRESTOPPED PER UL ASSEMBLY!!!!!! ALL PIPING PENETRATING EXTERIOR WALLS AND ROOFS SHALL BE FLASHED IN AN APPROVED MANNER AND SHALL BE PROTECTED AS REQUIRED BY LOCAL CODE AUTHORITY.
7. TOPS OF INTERIOR CLEANOUTS SHALL BE SET FLUSH WITH FINISHED FLOOR. REFERENCE PLUMBING PLAN.
8. ALL PIPING ABOVE GRADE SHALL BE PROPERLY SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR CEILING STRUCTURE.
9. SHOP DRAWINGS SHALL BE SUBMITTED TO AND REVIEWED BY THE ENGINEER/ARCHITECT CONSTRUCTION CONTRACTOR PRIOR TO ORDERING, PURCHASING, OR FABRICATING ANY MECHANICAL EQUIPMENT. SHOP DRAWINGS SHALL INCLUDE: ALL EQUIPMENT SCHEDULED ON THE DRAWINGS, PLUMBING FIXTURES AND TRIM, WATER HEATERS AND ACCESSORIES, PIPE, VALVES, AND FITTINGS, SANITARY AND WATER RISER DIAGRAMS, INSULATION.
10. CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS, AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN.
11. ALL PLUMBING EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
12. ALL PLUMBING EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY ENGINEER/CONSTRUCTION COORDINATOR.
13. ALL PACKAGING OF PLUMBING EQUIPMENT, FIXTURES, PIPING, ETC. SHALL BECOME THE PROPERTY OF THE PLUMBING CONTRACTOR AND SHALL BE REMOVED FROM THE JOB SITE PRIOR TO THE PROJECT COMPLETION.
14. ALL WORK SHALL BE COORDINATED AND PERFORMED WITH PRIOR APPROVAL FROM THE GENERAL CONTRACTOR TO SUIT JOBSITE CONDITIONS.
15. ALL PLUMBING EQUIPMENT, PIPING, INSULATION, ETC. INSTALLED IN HVAC PLENUM SPACES SHALL MEET CODE REQUIREMENTS FOR SMOKE AND COMBUSTIBILITY.
16. ALL PLUMBING EQUIPMENT REQUIRING ELECTRICAL POWER SHALL BE INSTALLED WITH DISCONNECT SWITCHES AT EACH PIECE OF EQUIPMENT. COORDINATE SWITCH TYPE (FUSED OR NON-FUSED) WITH ELECTRICAL DRAWINGS.
17. PROVIDE WATER HAMMER ARRESTORS JAY R. SMITH 5000 SERIES ALL STAINLESS STEEL "HYDROTROLS" ON BOTH COLD AND HOT WATER LINES. INSTALL IN AN UPRIGHT POSITION AT ALL QUICK CLOSING VALVES, SOLENOIDS AND PLUMBING FIXTURES. LOCATE AND SIZE AS INDICATED ON DRAWINGS. WHERE NOT SHOWN ON DRAWINGS, LOCATE AND SIZE IN ACCORDANCE WITH P.D.I. STANDARD WH-201.
18. PLUMBER IS TO TIE ALL SEWER LINES INTO MUNICIPAL SEWER SYSTEM AND IS TO PAY ALL THE NECESSARY FEES.
19. PLUMBER IS TO TIE INTO FOUR NEW INDIVIDUAL WATER METERS AND IS TO PAY ALL THE NECESSARY FEES FOR WATER TAPS INTO THE MUNICIPAL WATER LINE.

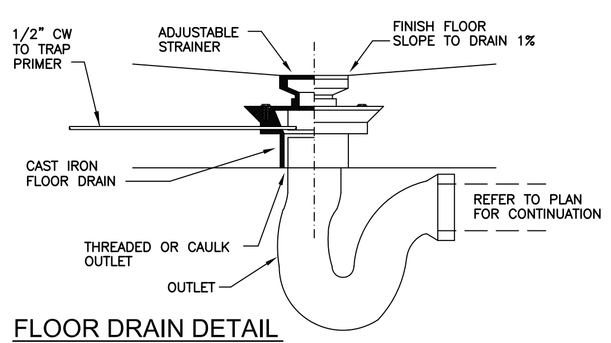


FLOOR DRAIN TRAP PRIMER DETAIL
SCALE: NONE

PLUMBING FIXTURE SCHEDULE

UNLESS OTHERWISE INDICATED NUMBERS ARE JAY R. SMITH. EQUAL PRODUCTS- ZURN, JOSAM AND WADE.

MARK	SYMBOL	MANUFACTURER	MODEL	DESCRIPTION	WASTE CONNECTION	HOT WATER SUPPLY	COLD WATER SUPPLY
HWC		ZURN	Z5550	HANDICAP WATER CLOSET 1.6 GPF ADA ELONGATED FLOOR MOUNT, 12" ROUGH-IN, LOW CONSUMPTION TANK TYPE TOILET W/ SIPHON JET FLUSH ACTION W/ Z5958SS-EL SEAT OR APPROVED EQUAL	3"	---	1/2"
LAV		ZURN	Z5350	19" X 17" WALL MOUNTED VITREOUS CHINA LAVATORY WITH SINGLE HOLE. PROVIDE WALL HANGER WITH A ZURN Z6915-XL-MV HANDS FREE SENSOR	1 1/2"	1/2"	1/2"
SK		DAYTON	D12521	25" X 21 1/4" X 6 9/16" STAINLESS STEEL DROP IN SINK 3 HOLE WITH ADA COMPLIANT FAUCET	1 1/2"	1/2"	1/2"
TP	-TP-	J.R. SMITH	2698	WATER SAVER TRAP PRIMER	---	---	1/2"
HB		WOODFORD	#B65	EXTERIOR HOSE BIBB WITH AUTOMATIC DRAINING, INTEGRAL VACUUM BREAKER, POLISHED BRASS FACE, AND SIZED IN ACCORDANCE WITH WALL THICKNESS.	---	---	1/2"
YCO		J.R. SMITH	4261-U	YARD CLEAN OUT - EXTERIOR PAVED/CONCRETE AREAS JAY R. SMITH FIG. 4261-U C.I. FLANGED HOUSING WITH HEAVY DUTY C.I. COVER, LIFTING DEVICE, GASKET SEAL THREADED PLUG, V.P. SCREWS IN COVER. YARD CLEAN OUT - EXTERIOR UNSURFACED AREAS SAME AS FOR PAVED/CONCRETE AREAS EXCEPT CLEANOUT SHALL BE SET IN 12" x 12" CONCRETE PAD FLUSH WITH SURFACE.	SEE PLAN	---	---
FD		J.R. SMITH	2005-A6-P-94 C.I.	FLOOR DRAIN WITH 6" DIAMETER NICKEL BRONZE STRAINER, SPEEDI-SET OUTLET CONNECTION. (TRAP PRIMER REQUIRED)	3"	---	---
WH		WATER HEATER	81VP6S	6 GALLON POINT-OF-USE WATER HEATER WITH 2000W ELEMENT	3/4"	---	1/2"



FLOOR DRAIN DETAIL
SCALE: NONE

PLUMBING LEGEND

FD	FLOOR DRAIN - SEE DRAINAGE NOTES ON THIS SHEET
4"YCO	4" YARD CLEAN OUT
3"V	3" VENT THRU ROOF
2"V	2" VENT THRU ROOF
HB	FREEZE PROOF HOSE BIBB
-TP-	TRAP PRIMER

PLUMBING PLAN
SCALE: 1/4" = 1'-0"

OFFICE BUILDING FOR THE CUNNINGHAM GROUP

Taylor Wallace Designs
An Architectural Corporation
Gregory T. Wallace \\ Architect
2021 Williams Colony Road, Downsville, LA 71234
318 396.2197

GREGORY T. WALLACE 6741 STATE OF LOUISIANA REGISTERED ARCHITECT

5/24/23

PROJECT: A NEW OFFICE BUILDING FOR
THE CUNNINGHAM GROUP
4071 VIKING DRIVE
BOSSIER CITY, LOUISIANA 71111

PROJECT NO.:		
REVISIONS		
No.	Description	Date
1	ADDRESS CORRECTION	090523

DRAWN BY:	TDL
CHECKED BY:	GTW
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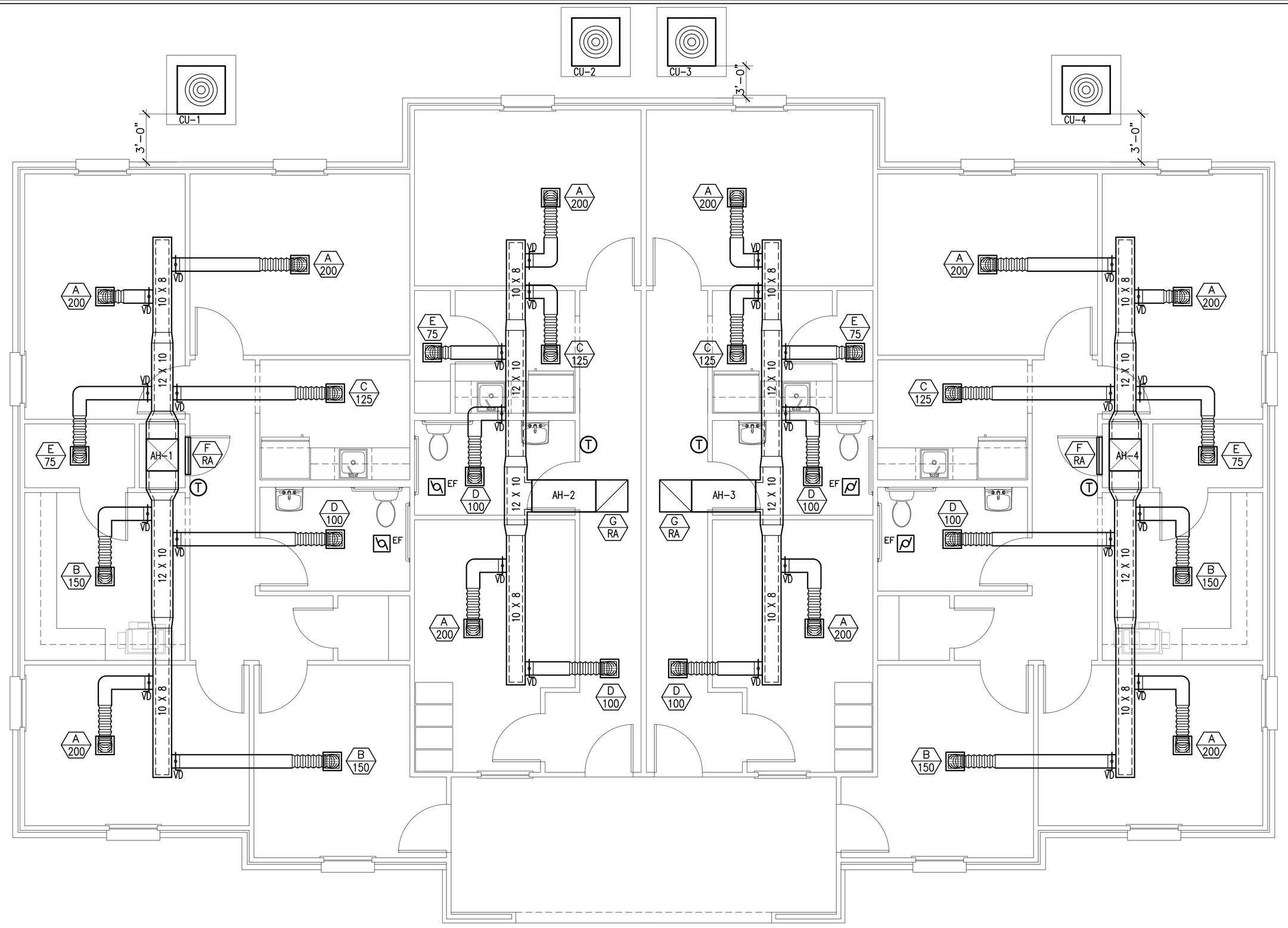
SHEET
P-1.0



MECHANICAL NOTES

1. ALL MECHANICAL EQUIPMENT AND INSTALLATIONS SHALL CONFORM WITH THE REQUIREMENTS OF THE STATE AND LOCAL MECHANICAL CODE, THE INTERNATIONAL BLDG CODE, THE MODEL ENERGY CODE, NFPA 90A, 101 AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.
2. MECHANICAL UNITS SHALL BE LOCATED IN THE ATTIC SPACE. EACH MECHANICAL UNIT SHALL SPAN ACROSS 2x4 FRAMING STRUCTURE. PROVIDE GALVANIZED METAL DRIP PAN BELOW EACH MECHANICAL UNIT PROVIDE 1" DRAIN WITH P-TRAP FROM PAN TO NEAREST DRAIN.
3. SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE OWNER BEFORE ORDERING, PURCHASING, OR FABRICATING ANY MECHANICAL EQUIPMENT. SHOP DRAWINGS SHALL INCLUDE: ALL EQUIPMENT SCHEDULED ON THE DRAWINGS.
4. CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL DRAWINGS PRIOR TO ORDERING EQUIPMENT OR SUBMITTING SHOP DRAWINGS, AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN.
5. ALL MECHANICAL EQUIPMENT REQUIRING ELECTRICAL POWER SHALL BE INSTALLED WITH DISCONNECT SWITCHES AT EACH PIECE OF EQUIPMENT. COORDINATE SWITCH TYPE WITH EQUIPMENT CHARACTERISTICS AND ELECTRICAL DRAWINGS.
6. ALL REQUIRED CONTROL WIRING NOT SHOWN ON THE ELECTRICAL DRAWINGS SHALL BE INCLUDED AS PART OF THE MECHANICAL WORK. WIRING IN HVAC PLENUM SPACES SHALL BE INSTALLED ACCORDING TO CODE REQUIREMENTS.
7. UNLESS NOTED OTHERWISE, STARTERS, SMOKE DETECTORS, TRANSFORMERS, CONTROLS AND CONTROL WIRING REQUIRED FOR ALL MECHANICAL SYSTEMS SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR.
8. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
9. ALL MECHANICAL EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER OCCUPANCY BY THE OWNER.
10. ALL HVAC COMPRESSORS SHALL HAVE EXTENDED 5-YEAR MANUFACTURER'S WARRANTY.
11. FOR EXACT LOCATION OF OUTDOOR AIR CONDITIONING UNITS SEE SHEET M-1.
12. EXHAUST DUCTWORK SHALL NOT BE INSULATED UNLESS NOTED OTHERWISE.
13. REFRIGERANT PIPING SHALL BE TYPE L OR REFRIGERATION SERVICE COPPER TUBING WITH BRAZED JOINTS. SUCTION PIPING SHALL BE INSULATED WITH 3/4" MANVILLE AEROTUBE II PIPE INSULATION SLID OVER TUBING WITHOUT CUTTING. ALL JOINTS AND SEAMS SHALL BE SEALED WITH ADHESIVE. NO DUCT TAPE.
14. CONDENSATE FROM ALL AIR CONDITIONING EQUIPMENT SHALL BE TRAPPED AND ROUTED TO THE NEAREST PLUMBING STACK OR TO EXTERIOR DRY WELLS. CONDENSATE PIPING SHALL BE SCHEDULE 40 PVC (EXCEPT INSULATED COPPER IN HVAC PLENUMS).
15. AFTER CONSTRUCTION, THE ENTIRE HVAC SYSTEM SHALL BE TESTED, ADJUSTED, AND BALANCED TO DELIVER THE PROPER AIR QUANTITIES.
16. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL MECHANICAL EQUIPMENT, DUCTWORK, ETC. TO FIT WITHIN THE SPACE ALLOWED BY THE ARCHITECTURAL AND STRUCTURAL CONDITIONS. CUTTING OR OTHERWISE ALTERING ANY STRUCTURAL MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE GENERAL CONTRACTOR.
17. LOCATIONS OF GRILLES, REGISTERS, & DIFFUSERS SHOWN ON THE DRAWINGS ARE APPROXIMATE. COORDINATE EXACT LOCATIONS WITH LIGHTS, CEILING GRID, ETC.

MECHANICAL LEGEND

T	PROGRAMMABLE THERMOSTAT	VD	VOLUME DAMPER (VD)
	SUPPLY AIR REGISTER IN CEILING		SUPPLY AIR DUCT
	RETURN AIR GRILLE IN GYP. BD. WALL WITH HINGE AND FILTER		SUPPLY FLEX DUCT
EF	EXHAUST VENT – SEE FAN SCHEDULE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR VENTED BY MECHANICAL CONTRACTOR		

REQUIRED VENTILATION (REQUIREMENTS PER IMC SECTION 403, TABLE 403.3)

OCCUPANCY CLASSIFICATION	OCC. LOAD	EXHAUST AIR REQUIREMENT	EXHAUST AIR CALCULATIONS	OUTSIDE AIR REQUIREMENT	OUTSIDE CALCULATIONS
OFFICES	2356/(5 X 2.35) = 12	- - - - - - - - -	- - - - - - - - -	5 C.F.M. PER OCCUPANT	12 X 5 = 60
				.06 C.F.M. PER SQ. FT.	2356 X .06 = 141
CORRIDORS	435 SQ. FT.	- - - - - - - - -	- - - - - - - - -	- - - - - - - - -	- - - - - - - - -
				.06 C.F.M. PER SQ. FT.	435 X .06 = 26
RESTROOMS (LOW USAGE)	- - - - - - - - -	50 C.F.M. PER FIXTURE	50 X 4 = 200	- - - - - - - - -	
				- - - - - - - - -	- - - - - - - - -
TOTAL OUTSIDE AIR REQUIRED					227 C.F.M
TOTAL EXHAUST AIR REQUIRED			200 C.F.M.		

AIR BALANCE CALCULATIONS

AIR UNIT	EXHAUST AIR	SUPPLY AIR
AIR HANDLERS (OUTSIDE AIR)		350 C.F.M.
RESTROOM EXHAUST FANS	372 C.F.M.	
TOTAL EXHAUST	372 C.F.M.	
TOTAL SUPPLY		350 C.F.M.

FAN SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	DESCRIPTION	DUTY	SONES	C.F.M.	ESP. IN WG	VOLTAGE	WATTS	RPM	VENT	NOTES
EF-1	GREENHECK (OR EQUAL)	SP-B90	DELUXE CEILING FAN	EXHAUST	2.0	93	.125	120	50	700	THRU ROOF	1,2,3
EF-2	GREENHECK (OR EQUAL)	SP-B90	DELUXE CEILING FAN	EXHAUST	2.0	93	.125	120	50	700	THRU ROOF	1,2,3
EF-3	GREENHECK (OR EQUAL)	SP-B90	DELUXE CEILING FAN	EXHAUST	2.0	93	.125	120	50	700	THRU ROOF	1,2,3
EF-4	GREENHECK (OR EQUAL)	SP-B90	DELUXE CEILING FAN	EXHAUST	2.0	93	.125	120	50	700	THRU ROOF	1,2,3

NOTES: 1. DIRECT DRIVE 2. PROVIDE EXTERIOR ROOF CAP 3. SWITCH WITH LIGHT FIXTURE

APPROVED EQUALS: NUTONE BROAN DAYTON

AIR DEVICE

DEVICE TAG	MANUFACTURER	MODEL	DESCRIPTION	NECK SIZE	FRAME SIZE	FLEX SIZE	NC	NOTES
A 200	TITUS	250-AA	SURFACE MOUNT DIFFUSER	8"ø	12" X 12"	8"ø	30	1,2,3
B 150	TITUS	250-AA	SURFACE MOUNT DIFFUSER	7"ø	12" X 12"	7"ø	30	1,2,3
C 125	TITUS	250-AA	SURFACE MOUNT DIFFUSER	7"ø	10" X 10"	7"ø	30	1,2,3
D 100	TITUS	250-AA	SURFACE MOUNT DIFFUSER	6"ø	10" X 10"	6"ø	30	1,2,3
E 75	TITUS	250-AA	SURFACE MOUNT DIFFUSER	6"ø	10" X 10"	6"ø	30	1,2,3
F RAG	TITUS	350RL	RETURN AIR GRILLE IN WALL WITH FILTER	---	20" X 20"	---	30	1,3
G RAG	TITUS	350RL	RETURN AIR GRILLE IN CEILING WITH FILTER	---	20" X 20"	---	30	1,3

NOTES:
1. PROVIDE SQUARE NECK TO ROUND ADAPTER AS REQUIRED
2. VERIFY FRAME TYPE FOR APPROPRIATE APPLICATION LOCATION
3. PROVIDE & INSTALL MANUAL VOLUME DAMPER

APPROVED EQUALS: (G — TYPE, — CFM)
AIR MATE
METALAIRE

A/C CONDENSING UNIT SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	DESCRIPTION	B.T.U. COOLING	ELECTRICAL: VOLTAGE/PHASE	SEER	MCA	MOCP	NOTES
CU-1	GOODMAN (OR EQUAL)	GSX160361F	SPLIT SYSTEM CONDENSING UNIT	36,000	240/1PH	16	18.6	30	1,2
CU-2	GOODMAN (OR EQUAL)	GSX160241F	SPLIT SYSTEM CONDENSING UNIT	36,000	240/1PH	16	17.8	30	1,2
CU-3	GOODMAN (OR EQUAL)	GSX160241F	SPLIT SYSTEM CONDENSING UNIT	36,000	240/1PH	16	17.8	30	1,2
CU-4	GOODMAN (OR EQUAL)	GSX160361F	SPLIT SYSTEM CONDENSING UNIT	36,000	240/1PH	16	18.6	30	1,2

NOTES:
1. PROVIDE 3'-0" CLEAR AROUND PERIMETER OF UNIT.
2. GENERAL CONTRACTOR IS TO VERIFY SIZE OF UNIT PRIOR TO CONSTRUCTING CONCRETE PAD.

APPROVED EQUALS: LENNOX, RHEEM, TRRANE

AIR HANDLER SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	DESCRIPTION	C.F.M.	COOLING CAPACITY	HEATER MODEL	VOLTAGE/PHASE	HEATER AMPS	MCA	MOCP	OUTSIDE AIR PROVIDED	NOTES
AH-1	GOODMAN (OR EQUAL)	ARUF37C14AC	MULTI-POSITION AIR HANDLER W/ ELECTRIC HEAT	1,200	36,000 BTUs	HKSC10XB (10KW)	240/1PH	40	54	60	100 CFM	1,2,3,4
AH-2	GOODMAN (OR EQUAL)	ARUF25B14AC	MULTI-POSITION AIR HANDLER W/ ELECTRIC HEAT	800	24,000 BTUs	HKSC10XB (10KW)	240/1PH	33.3	44	45	75 CFM	1,2,3,4
AH-3	GOODMAN (OR EQUAL)	ARUF25B14AC	MULTI-POSITION AIR HANDLER W/ ELECTRIC HEAT	800	24,000 BTUs	HKSC10XB (10KW)	240/1PH	33.3	44	45	75 CFM	1,2,3,4
AH-4	GOODMAN (OR EQUAL)	ARUF37C14AC	MULTI-POSITION AIR HANDLER W/ ELECTRIC HEAT	1,200	36,000 BTUs	HKSC10XB (10KW)	240/1PH	40	54	60	100 CFM	1,2,3,4

NOTES: 1. PROVIDE INSULATION BOARD UNDER UNIT FOR SOUND ABSORPTION
2. PROVIDE DUCTWORK FROM SOFFIT FOR FRESH AIR MAKE UP INDICATED FROM OUTSIDE TO RETURN AIR PLENUM
3. GENERAL CONTRACTOR IS TO PROVIDE INSULATION AND SHEETROCK (TAPE & FLOATED) INSIDE RETURN AIR PLENUM
4. PROVIDE HONEYWELL PROGRAMMABLE THERMOSTAT IN LOCK BOX

APPROVED EQUALS:
LENNOX
RHEEM
TRANE

MECHANICAL PLAN

SCALE: 1/4" = 1'-0"

OFFICE BUILDING FOR THE CUNNINGHAM GROUP

Taylor Wallace Designs
An Architectural Corporation
Gregory T. Wallace \\ Architect
2021 Williams Colony Road, Downsville, LA 71234
318 396.2197

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GREGORY T. WALLACE 6711 STATE OF LOUISIANA REGISTERED ARCHITECT

5/24/23

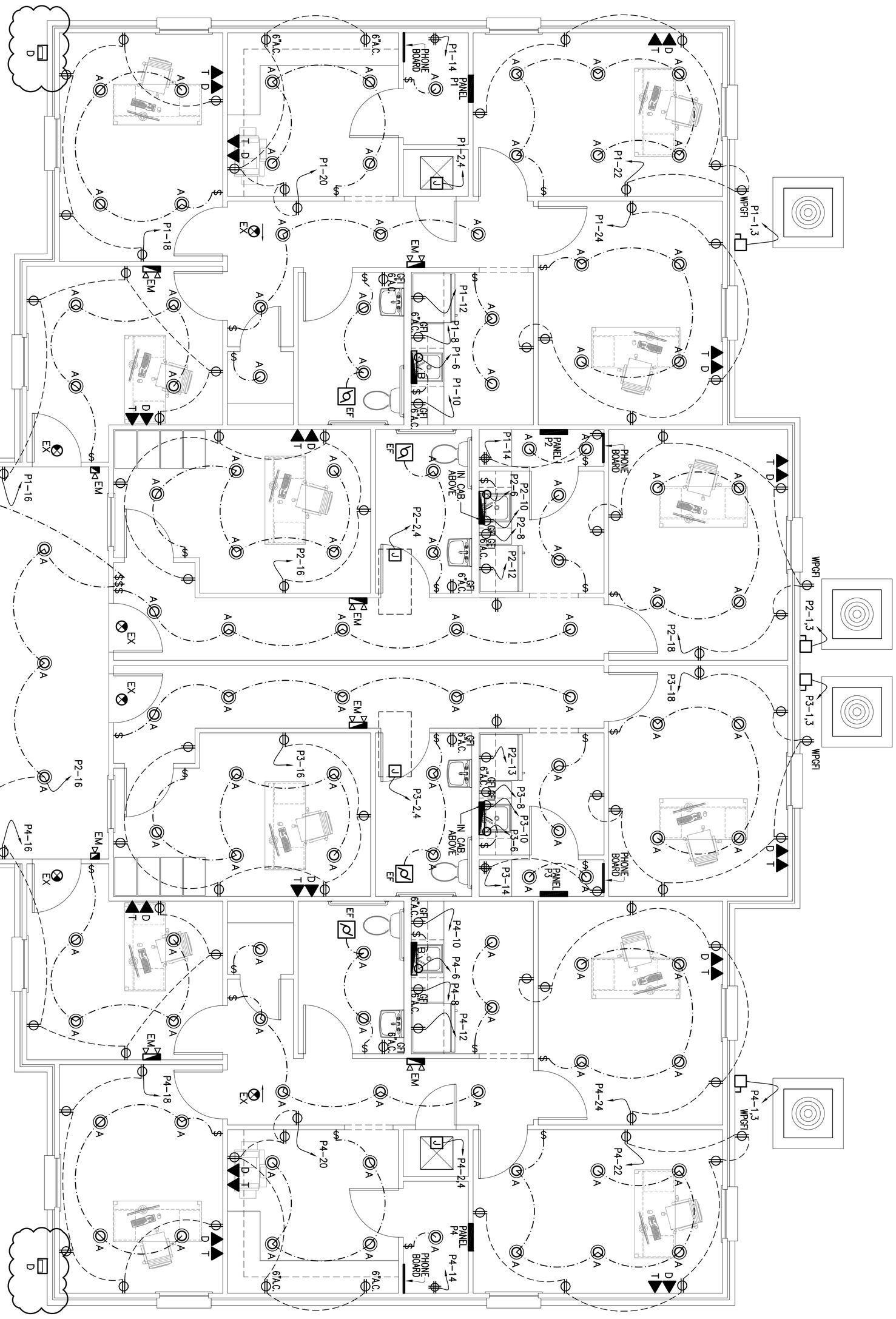
PROJECT: A NEW OFFICE BUILDING FOR
THE CUNNINGHAM GROUP
4071 VIKING DRIVE
BOSSIER CITY, LOUISIANA 71111

PROJECT NO.:

REVISIONS

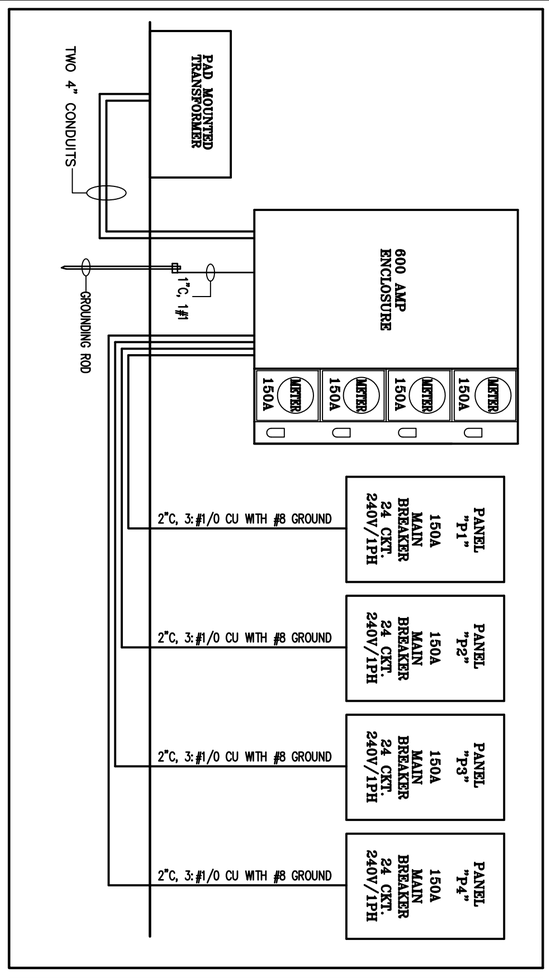
No.	Description	Date
1	ADDRESS CORRECTION	090523

DRAWN BY:	TDL
CHECKED BY:	GTW
DATE:	5/24/23
SCALE:	AS NOTED
SHEET	M-1.0



NOTES:

1. SERVICE EQUIPMENT GROUNDING AND BONDING SHALL BE IN ACCORDANCE WITH NEC 230-63 and 250-53b.
2. BEFORE ORDERING PANEL(S), VERIFY FINAL FAULT CURRENT RATING WITH THE UTILITY SUPPLIER. PROVIDE OVERCURRENT PROTECTION WITH A.I.C. RATING LARGER THAN FAULT CURRENT RATING.



PANEL P1 & P4 RECESSED MOUNTED
MAIN BREAKER 150 AMP. MAIN LUGS
120/240 VOLTS 1 PHASE 3 WIRE

CKT. NO.	TRIP AMPS	NO. POLE	LOAD SERVED	LOAD – V.A. A	LOAD – V.A. B	CKT. NO.	TRIP AMPS	NO. POLE	LOAD SERVED
1	30	2	CONDENSING UNIT	2160 4800		2	60	2	AIR HANDLER
3	---	–	------		2160 4800	4	---	–	------
5	20	1	LIGHTS	1200 2000		6	30	1	WATER HEATER
7	20	1	LIGHTS		1200 1500	8	20	1	COFFEE MAKER
9	20	1	LIGHTS	1200 1500		10	20	1	MICROWAVE
11	20	1	EXIT/EGRESS LIGHTS		500 1500	12	20	1	REFRIGERATOR
13				1000		14	20	1	SERVER
15					900	16	20	1	RECEPTACLES
17				900		18	20	1	RECEPTACLES
19					900	20	20	1	RECEPTACLES
21					1080	22	20	1	RECEPTACLES
23				1080		24	20	1	RECEPTACLES
TOTAL CONNECTED LOAD:			29,300 VA 122.08 A	15,840	13,460	TOTAL DEMAND LOAD:			24,980 VA 104.08 A

PANEL P2 & P3 SURFACED MOUNTED
MAIN BREAKER 150 AMP. MAIN LUGS
120/240 VOLTS 1 PHASE 3 WIRE

CKT. NO.	TRIP AMPS	NO. POLE	LOAD SERVED	LOAD – V.A. A	LOAD – V.A. B	CKT. NO.	TRIP AMPS	NO. POLE	LOAD SERVED
1	30	2	CONDENSING UNIT	2160 4000		2	45	2	AIR HANDLER
3	---	–	------		2160 4000	4	---	–	------
5	20	1	LIGHTS	1200 2000		6	30	1	WATER HEATER
7	20	1	LIGHTS		1200 1500	8	20	1	COFFEE MAKER
9	20	1	EXIT/EGRESS LIGHTS	500 1500		10	20	1	MICROWAVE
11	20	1	PORCH LIGHTS PANEL P2 ONLY		1000 1500	12	20	1	REFRIGERATOR
13				1000		14	20	1	SERVER
15						16	20	1	RECEPTACLES
17						18	20	1	RECEPTACLES
19						20	20	1	RECEPTACLES
21						22	20	1	RECEPTACLES
23						24	20	1	RECEPTACLES
TOTAL CONNECTED LOAD:			23,720 VA 98.83 A	12,360	11,360	TOTAL DEMAND LOAD:			19,400 VA 80.83 A

PANEL
MAIN BREAKER
120/240 VOLTS

CKT. NO.	TRIP AMPS	NO. POLE	LOAD SERVED
1	30	2	CONDENSING UNIT
3	---	–	------
5	20	1	LIGHTS
7	20	1	LIGHTS
9	20	1	EXIT/EGRESS LIGHTS
11	20	1	PORCH LIGHTS PANEL P2 ONLY
13			
15			
17			
19			
21			
23			
TOTAL CONNECTED LOAD:			

GENERAL ELECTRICAL NOTES

1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL AND STATE CODES.
2. ALL MATERIAL EQUIPMENT AND APPLIANCES SHALL BE NEW AND SHALL CONFORM TO THE STANDARDS OF THE UNDERWRITER'S LABORATORIES, INC. AND THE NATIONAL MANUFACTURERS ASSOCIATION.
3. ALL ELECTRICAL PERMITS AND INSPECTION FEES SHALL BE OBTAINED AND PAID FOR BY THE ELECTRICAL CONTRACTOR.
4. A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC; AND AS SHOWN ON THE DRAWINGS.
5. VERIFY ALL UTILITY REQUIREMENTS FOR ELECTRICAL SERVICE (PRIOR TO STARTING ANY WORK) SUCH AS VOLTAGE, PHASES, FAULT CURRENT, ETC. AND COORDINATE EXACT LOCATION OF INCOMING ELECTRICAL SERVICE WITH LOCAL POWER COMPANY PRIOR TO PROJECT START. NOTIFY ENGINEER OF ANY CHANGES FROM WHAT IS SHOWN ON PLANS.
6. ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR EFFECTIVE FROM THE DATE OF SUBSTANTIAL COMPLETION.
7. A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC; AND AS SHOWN ON THE DRAWINGS.
8. ALL CUTTING AND PATCHING REQUIRED FOR INSTALLATION OF ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. DO NOT CUT ANY MATERIAL THAT WILL WEAKEN THE STRUCTURE WITHOUT WRITTEN PERMISSION OF THE ARCHITECT. PATCHING SHALL BE ACCOMPLISHED TO MATCH ADJACENT SURFACES IN EVERY RESPECT. ENGAGE ORIGINAL INSTALLER FOR CUTTING/PATCHING OF ROOFS.
9. PROVIDE A TYPED DIRECTORY IN ALL PANELBOARDS CLEARLY DESCRIBING THE LOCATION AND TYPE OF LOAD SERVED FOR ALL CIRCUITS.
10. THE ELECTRICAL CONTRACTOR SHALL REQUEST A SELECTIVE BREAKER COORDINATION STUDY FROM THE ELECTRICAL GEAR MANUFACTURER PER NEC 700 REQUIREMENTS.
11. PROVIDE ENGRAVED PHENOLIC NAMEPLATES FOR ALL PANELBOARDS AND DISCONNECT SWITCHES. WHITE LETTERS ON BLACK BACKBOARD. NAMEPLATE SHALL CONTAIN EQUIPMENT DESIGNATION, VOLTAGE, FEEDER SOURCE AND DATE INSTALLED.
12. PROVIDE "FLASH HAZARD" LABELS FOR ALL PANELBOARDS IN ACCORDANCE WITH NEC REQUIREMENTS.
13. ALL TERMINALS/LUGS SHALL BE 60 DEGREE/75 DEGREE RATED.
14. FUSES 0-600 AMPS SHALL BE UL CLASS "RK-5"LOW PEAK DUAL ELEMENT TIME DELAY WITH 200,000 AMPERE INTERRUPTING RATING AS MANUFACTURED BY BUSSMAN UNLESS NOTED OTHERWISE.
15. ALL WATER HEATERS SHALL HAVE DISCONNECT SIZED PER 422.11(E)(3).
16. ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL ELECTRICAL CONNECTIONS TO EQUIPMENT REGARDLESS OF WHO SUPPLIES THE EQUIPMENT. THIS INCLUDES ALL HVAC, PLUMBING, AND OWNER FURNISHED EQUIPMENT CONNECTIONS OF 120V OR HIGHER.
17. THE GREATEST EXTENT POSSIBLE. WHERE EXPOSED RACEWAYS MUST BE USED, LAYOUT RACEWAYS TO MINIMIZE THE NUMBER OF RACEWAYS SHALL BE INSTALLED CONCEALED IN NEW WALL CONSTRUCTION, ABOVE CEILINGS, BELOW FLOOR, AND IN OTHER CAVITIES TO VERTICAL RUNS.
18. ALL EXPOSED RACEWAY SHALL BE RUN PARALLEL OR PERPENDICULAR TO THE BUILDING SURFACES AND SHALL BE PAINTED AS DIRECTED BY THE ARCHITECT. NO EXPOSED CONDUIT SHALL BE ALLOWED IN FINISHED SPACES EXCEPT AS PERMITTED BY OWNER OR ARCHITECT. EXPOSED RACEWAY IN FINISHED SPACES SHALL BE WIREMOLD TYPE.
19. BEFORE COMMENCING WITH ANY ROUGH-IN, COORDINATE THE EXACT LOCATION AND MOUNTING HEIGHT OF ALL MOUNTED DEVICES WITH THE ARCHITECTURAL INTERIOR ELEVATIONS, CASEWORK SHOP DRAWINGS, AND EXISTING CONDITIONS. IF ANY DISCREPANCIES ARE DISCOVERED, NOTIFY THE ARCHITECT FOR FURTHER DIRECTION. MINOR ADJUSTMENTS IN DEVICE LOCATION, I.E. 5'-0" IN ANY DIRECTION SHALL BE DONE AT NO ADDITIONAL COST TO THE CONTRACT.
20. ALL WIRING SHALL BE INSTALLED IN IMC, RMC, EMT, OR TYPES AC AND MC FLEXIBLE CABLES. RNC CONDUIT (PVC), SHALL ONLY BE USED UNDERGROUND AND OUTDOORS, WHERE NOT SUBJECT TO PHYSICAL DAMAGE. MINIMUM SIZE CONDUIT SHALL BE 3/4" AC ABD MC FLEXIBLE CABLES SHALL BE USED ONLY IN AREAS PERMITTED BY CODE. INDOOR BRANCH CIRCUIT WIRING MAY BE TYPE NM/NMC OR NMS FOR DWELLING UNITS OR OTHER BUILDINGS PERMITTED TO BE OF TYPES III, IV, V CONSTRUCTION. DWELLING UNIT SERVICE FEEDERS MAY BE TYPE SE OR USE CABLES IN AREAS PERMITTED BY CODE. AMPACITY OF SE AND USE CABLES SHALL BE THE 60 DEGREES C AMPACITY OF TABLE 310.15(B)(16). ALL OTHER WIRING IN DWELLING UNITS EXCEEDING 50 AMPERES SHALL BE INSTALLED IN EMT INDOORS OR PVC OUTDOORS, WHERE NOT SUBJECT TO PHYSICAL DAMAGE.
21. ALL FLEX SHALL BE LIQUID TIGHT FLEXIBLE METAL.
22. PROVIDE A PULL WIRE OR FISH TAPE IN ALL EMPTY CONDUITS. PROVIDE A BLANK COVER PLATE OVER ALL UNUSED BOXES INCLUDING DAT/COMM BOXES.
23. WHERE A SINGLE HOMERUN IS SHOWN THE CIRCUIT SHALL BE INSTALLED IN A DEDICATED CONDUIT, DO NOT COMBINE WITH OTHER CIRCUITS. WHERE A CIRCUIT HOMERUN IS NOT SHOWN THE CONTRACTOR SHALL COMBINE CIRCUITS AS FOLLOWS AND IN ACCORDANCE WITH THE NEC:
    A. A MAXIMUM OF THREE 20A 1 POLE BRANCH CIRCUITS MAY BE COMBINED IN COMMON HOMERUN SHARING A COMMON NEUTRAL OR WITH SEPARATE NEUTRALS. FOR A TOTAL OF SIX CURRENT CARRYING CONDUCTERS. ALL BRANCH CIRCUITS LARGER THAN 20A SHALL BE SEPARATELY HOMERUN TO PANEL
    B. EACH MULTIWIRE BRANCH CIRCUIT SHARING A COMMON NEUTRAL SHALL BE PROVIDED WITH A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNDERGROUND CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES.
24. CONDUCTORS SHALL BE COPPER, RATED AT NOT LESS THAN 600 VOLTS. MINIMUM SIZE SHALL BE NO. 12 AWG UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALL WIRE #8 AWG AND LARGER SHALL BE STRANDED, #10 THRU #12 AWG SHALL BE SOLID. ALL INSULATION TYPES SHALL BE THWN/THHN. FEEDER CIRCUIT CONDUCTORS MAY BE COPPER OR ALUMINUM.
25. 20A/120V BRANCH CIRCUITS EXCEEDING 100' IN LENGTH FROM PANEL TO FARTHEST DEVICE SHALL USE NO. 10 CONDUCTORS AND 3/4" CONDUIT.
26. FOR EVERY WIRING DEVICE MARK THE BRANCH CIRCUIT TO WHICH IT IS CONNECTEDON THE BACK OF EACH DEVICE PLATE, USING AN INDELIBLE MARKER PEN.
27. COORDINATE ALL DEVICE AND DEVICE PLATE COLORS WITH OWNER/ARCHITECT.
28. EXACT LOCATION OF ALL FLOOR-MOUNTED OUTLETS SHALL BE COORDINATED WITH THE OWNER/ARCHITECT BEFORE ROUGH-IN.
29. TWO OR MORE ADJACENT POWER OR COMMUNICATION RECEPTACLES SHALL BE GANGED WITH A COMMON FACEPLATE - IF THEY CAN NOT BE GANGED THEY SHALL BE INSTALLED WITH A MINIMUM DISTANCE BETWEEN UNITS.
30. WALL RECEPTACLES SHOWN BACK TO BACK MAY BE OFFSET BUT SHALL BE INSTALLED DIRECTLY ADJACENT TO ONE ANOTHER.
31. LIGHT SWITCHES SHALL BE NO MORE THAN 6" FROM EDGE OF DOOR FRAME.
32. WHERE PENETRATIONS ARE MADE THROUGH A REQUIRED FIRE-RESISTIVE WALL FLOOR, OR PARTITION FOR THE PURPOSE OF RUNNING RACEWAY CARRYING ELECTRICAL, TELEPHONE, TELEVISION, OR LOCAL COMMUNICATION AND/OR SIGNALING CIRCUITS, THE OPENING AROUND THE RACEWAY SHALL BE FIRE STOPPED PER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTANED TO ENSURE THAT THIS FIRE STOPPING IS ACCOMPLISHED. USE APPROVED ASSEMBLIES SUCH AS THE FOLLOWING:
    CONDUIT PENETRATIONS OF 1,2,3 & 4 HOUR GYPSUM BOARD WALLS - UL#WW-1001
    CONDUIT PENETRATIONS OF 2,3 & 4 HOUR CONCRETE OR BLOCK WALLS - UL#CAJ1001
    CONDUIT PENETRATIONS OF 2,3 & 4 HOUR CONCRETE OR BLOCK WALL OR FLOOR - CAJ1042 - UL#CAJ1001
    CONDUIT PENETRATIONS OF 1 HOUR GYPSUM BOARD CEILING ASSEMBLY - UL#526
33. IN REQUIRED FIRE RATED WALLS AND PARTITIONS, OPENINGS FOR INSTALLATION OF BOXES THAT ARE GREATER THAN 16 SQUARE INCHES SHALL BE PROTECTED AS REQUIRED BY U.L. COORDINATE CLOSELY WITH THE GENERAL CONTRACTOR TO INSURE THAT THE INTEGRITY OF THE U.L. RATING IS MAINTANED.
34. OUTLET BOXES FOR DEVICES MOUNTED ON OPPOSITE SIDES OF FIRE RATED PARTITIONS SHALL NOT BE MOUNTED IN THE SAME WALL CAVITY. SEPARATE WALL PENETRATIONS BY MOUNTING ON OPPOSITE OF WALL STUDS OR OTHER VERTICAL STRUCTURAL MEMBERS IN THE WALL.
35. THE ELECTRICAL CONTRACTOR SHALL PROVIDE SHOP DRAWING SUBMITTALS TO THE OWNER, ARCHITECT, AND ELECTRICAL ENGINEER FOR THE LIGHTING FIXTURES, ELECTRICAL GEAR, FIRE ALARM SYSTEM AND OTHER SIMILAR SYSTEMS. SHOP DRAWING SUBMITTALS SHALL BE PROVIDED REGARDLESS IF THE EQUIPMENT BEING SUPPLIED IS THE SAME AS WHAT IS SPECIFIED ON THE PLANS.
36. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING RESTRAINTS TO RESIST THE EARTHQUAKE EFFECTS ON THE ELECTRICAL SYSTEM. THE REQUIREMENTS FOR THOSE RESTRAINTS ARE FOUND IN THE IBC, THE ANCHORING OF THE EQUIPMENT SHALL COMPLY WITH IBC 1621.1.7.
37. PRIOR TO ORDERING ANY EQUIPMENT THE ELECTRICAL CONTRACTOR DISCOVERS A PROBLEM WITH THE PERFORMANCE OF THE INSTALLATION AND ELECTRICAL ENGINEER FOR RESOLUTION PRIOR TO THE EXECUTION OF THE WORK. IF DURING THE COURSE OF WORK THE ELECTRICAL CONTRACTOR DISCOVERS A PROBLEM WITH THE PERFORMANCE OF THE INSTALLATION RELATIVE TO THE PLANS AND SPECIFICATIONS OR NEC OR OTHER CODES, THE ELECTRICAL CONTRACTOR SHALL IMMEDIATELY BRING THE PROBLEM TO THE ATTENTION OF THE ARCHITECT AND ENGINEER FOR RESOLUTION PRIOR TO THE EXECUTION OF THE WORK.

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
$	TOGGLE SWITCH
	120V. DUPLEX RECEPTACLE
6"A.C.	120V. DUPLEX RECEPTACLE 6" ABOVE COUNTER
GFI	120V. DUPLEX RECEPTACLE GROUND FAULT INTERRUPTER
WPGFI	120V. DUPLEX RECEPTACLE WEATHER PROOF GROUND FAULT INTERRUPTER
	120V. QUADPLEX RECEPTACLE
220V.	220V. RECEPTACLE

SYMBOL	DESCRIPTION
J	DIRECT HOOK-UP FOR EQUIPMENT VERIFY EQUIPMENT AND ELECTRICAL CONNECTION REQUIRED
	AC EQUIPMENT DISCONNECT
T D	PHONE/DATA BOX ELECTRICIAN TO RUN CAT 6E FROM DATA LOCATIONS TO PHONE BOARD
EF	RESTROOM EXHAUST FAN PROVIDED & INSTALLED BY ELEC. CONTRACTOR VENTED BY MECHANICAL CONTRACTOR
	SWITCHED TOGETHER
P(X)-X	SHARED CIRCUIT
	HOME RUN TO PANEL

LIGHTING LEGEND

SYMBOL	MANUFACTURER	MODEL
A	LITHONIA	LDN6 35/15 L08BR LSS MVOLT GZ10
B	LITHONIA	UCLD 18 WH
C	ELA	#AWB15-WB-HS-55LED-120-CG-DB-FT4
D	LITHONIA	TWS LED 1 50K 120 PE
EX	LITHONIA	LQM S W 3 R 120V
EM	LITHONIA	ELM2 120V
	LITHONIA	ELM27-RD (REMOTE BATTERY INSIDE) ELA-W-WXH1206 (REMOTE HEAD OUTSIDE)

DESCRIPTION
6" RECESSED LED CAN FIXTURE
UNDERCABINET LED FIXTURE
EXTERIOR METAL HALIDE WALL PACK W/ PHOTOCELL
EXIT LIGHT WITH BATTERY BACK UP
DUAL HEAD EMERGENCY FIXTURE WITH BATTERY BACK UP
SINGLE REMOTE HEAD EMERGENCY EGRESS LIGHT WITH BATTERY BACK UP

ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

Taylor Wallace Designs
An Architectural Corporation
Gregory T. Wallace \\ Architect
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PROJECT: A NEW OFFICE BUILDING FOR

THE CUNNINGHAM GROUP

4071 VIKING DRIVE
BOSSIER CITY, LOUISIANA 71111

PROJECT NO.:

REVISIONS

No.	Description	Date
1	ADDRESS CORRECTION	090523
2	ADDED EXTERIOR LIGHTS	090523

DRAWN BY: TDL
CHECKED BY: GTW
DATE: 5/24/23
SCALE: AS NOTED
SHEET

E-1.0