NEW CONVENIENCE STORE DESIGN

GENERAL NOTES

A0.01
ALL ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE NATIONAL AND LOCAL CODES AND ORDINANCES, WHETHER LISTED HEREIN OR NOT.
A0.02
ANY & ALL GOVERNING LOCAL LABOR LAWS, REGULATIONS & REQUIREMENTS AND THOSE SET AS BUILDING REQUIREMENTS SHALL BE OBSERVED & FOLLOWED AS THEY RELATE TO THIS PROJECT. ARRANGEMENTS FOR PRECLUDE ANY LABOR RELATED JOB DISPUTES COMPLIANCE WITH THESE REQUIREMENTS SHALL BE MADE BY GC TO & RELATED DELAYS/PROBLEMS & COSTS.
A0.03
CONTRACTOR SHALL OBTAIN ALL REQUIRED BUILDING PERMITS AND CERTIFICATE OF OCCUPANCY PERMIT AS WELL AS SEPARATE MECHANICAL, ELECTRICAL, AND PLUMBING PERMITS PRIOR TO AND DURING CONSTRUCTION.
A0.04
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 ELSEWHERE IN THE DRAWINGS.
A0.05
THE EXTENT OF WORK SHALL BE LIMITED TO THAT INDICATED IN THE CONTRACT DOCUMENTS. NO ADDITIONAL WORK SHALL BE DONE WITHOUT WRITTEN APPROVAL OF OWNER. ANY ADDITIONAL WORK PERFORMED WITHOUT PRIOR WRITTEN APPROVAL BY OWNER SHALL BE AT THE CONTRACTOR'S EXPENSE.
A0.06
GC SHALL BE RESPONSIBLE FOR FIELD MEASURING OF EXISTING CONDITIONS PRIOR TO START OF WORK & DURING CONSTRUCTION AS NECESSARY TO ASSURE CONSTRUCTION ADHERENCE TO DRAWINGS, BY ENTERING INTO A CONSTRUCTION CONTRACT FOR THIS WORK, GC SHALL INDICATE HIS FAMILIARITY WITH THE SITE/FIELD CONDITIONS.
A0.07
FLOOR TOLERANCE: IN LAYING OUT THE WORK TO BE COMPLETED, CONSIDERATION SHALL BE GIVEN TO VARIATIONS IN THE FLOOR LEVEL RESULTING FROM THE CONSTRUCTION QUALITY AND LIVE AND DEAD LOADS IMPOSED ON THE STRUCTURE. FIELD VERIFICATIONS SHALL BE MADE OF CONDITIONS TO VERIFY CONSTRUCTION TOLERANCES AND ALIGNMENT OF DOOR HEADS. OTHER HORIZONTAL ELEMENTS SHALL BE MAINTAINED AT CONSTANT LEVEL AND SHALL NOT FOLLOW VARIATIONS IN FLOOR PLANE. LEVEL FLOORS AS REQUIRED BY USING AN APPROVED LEVELING COMPOUND.
A0.08
THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ADEQUATE PRECAUTIONS TO PROTECT BUILDING OCCUPANTS, MATERIALS, & EXISTING FINISHES THROUGHOUT ALL PHASES OF CONSTRUCTION. NOISE, SECURITY, AND DUST BARRIERS BETWEEN CONSTRUCTION AREAS AND OCCUPIED AND PUBLIC AREAS SHALL BE MAINTAINED BY CONTRACTOR.
A0.09
THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING BUILDING CORRIDORS CLEAR OF PROJECT MATERIALS AND EQUIPMENT.
A0.10
GC SHALL PROVIDE GENERAL CARPENTRY AS REQUIRED FOR WORK WHICH MAY NOT FALL UNDER THE JURISDICTION OF A SPECIFIED TRADE BUT IS REQUIRED FOR PROPER JOB EXECUTION AND COMPLETION OF CONSTRUCTION.
A0.11
NO MODIFICATIONS/REVISIONS/CHANGES SHALL BE UNDERTAKEN UNLESS SPECIFICALLY SO INSTRUCTED & APPROVED BY OWNER.
A0.12
CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS FOR ACCURACY AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH WORK IN QUESTION.
A0.13
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.
A0.14
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.
A0.15
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.
A0.16
INSTALL ALL MANUFACTURED ITEMS, MATERIALS AND EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED SPECIFICATIONS, EXCEPT THAT THE SPECIFICATIONS HEREIN, WHERE MORE STRINGENT, SHALL BE COMPLIED WITH.
A0.17
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.
A0.18
WARRANTY SHALL BE EXTENDED FOR ALL CONSTRUCTION COMPONENTS, EQUIPMENT AND INSTALLATIONS INCLUDED IN THIS CONTRACT FOR A MINIMUM OF 1 YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.
A0.19
GC SHALL RE-EXECUTE ANY WORK THAT FAILS TO CONFORM TO THE DRAWINGS/DETAILS AS SHOWN AND ANY DEFECTS DUE T0 FAULTY MATERIALS OR WORKMANSHIP WHICH APPEAR WITHIN A PERIOD OF ONE (1) YEAR.
A0.20
SHOP DRAWINGS SHALL BE SUBMITTED TO ARCHITECT IN TRIPLICATE FOR REVIEW. SHOP DRAWINGS ENHANCE THESE SPECIFICATIONS; APPROVAL OF SHOP DRAWINGS SHALL NOT RELEASE CONTRACTOR FROM RESPONSIBILITY FOR THE WORK AS SPECIFIED.
A0.21
THESE DOCUMENTS INDICATE MATERIALS AND METHODS OF CONSTRUCTION TO ESTABLISH STANDARDS OF QUALITY AND/ OR PERFORMANCE. OTHER MATERIALS AND/OR METHODS WILL BE CONSIDERED BY THE ARCHITECT FOR ACCEPTANCE PROVIDED THAT THEY DO NOT AFFECT THE VISIBLE APPEARANCE. MATERIAL SUBSTITUTIONS SHALL BE APPROVED BY THE ARCHITECT IN WRITING PRIOR TO ORDERING AND/OR FABRICATION.
A0.22
ALL REQUESTS FOR SUBSTITUTIONS SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND WILL BE CONSIDERED ONLY IF BETTER SERVICE FACILITIES, A MORE ADVANTAGEOUS DELIVERY DATE, OR LOWER PRICE WITH CREDIT TO THE OWNER IS PROVIDED WITHOUT SACRIFICING QUALITY, APPEARANCE AND FUNCTION. UNDER NO CIRCUMSTANCES WILL THE ARCHITECT BE REQUIRED TO PROVE THAT A PRODUCT PROPOSED FOR SUBSTITUTION IS OR IS NOT OF EQUAL QUALITY T0 THE PRODUCT SPECIFIED.
A0.23
CONTRACTOR SHALL SUBMIT TO THE ARCHITECT, IMMEDIATELY FOLLOWING DIRECTIVE TO PROCEED WITH WORK, CONFIRMATION WITH DELIVERY DATES FOR ORDERS OF MATERIALS AND EQUIPMENT AND ANY LONG LEAD TIME ITEMS.
A0.24
DAMAGE: CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIRS OF ANY ACCIDENTAL DAMAGE HE INFLICTS UPON THE EXISTING WORK WHICH WILL REMAIN.. IF FOR ANY REASON DAMAGE TO EXISTING WORK OR UTILITIES IS CONSIDERED TO BE UNAVOIDABLE, SUBMIT WRITTEN NOTIFICATION OF THIS BEFORE SIGNING THE CONTRACT. IN THE ABSENCE OF SUCH NOTIFICATION, CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR DAMAGE AND THE COSTS OF SATISFACTORILY REPAIRING OR REPLACING DAMAGED WORK.
A0.25
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.
A0.27
JOB SITE CLEAN-UP SPECIFIED IN 0.14 SHALL CONTINUE BEYOND DATE OF SUBSTANTIAL COMPLETION TO MOVE-IN DAY AND SHALL INCLUDE REMOVAL OF ACCUMULATED DEBRIS RESULTING FROM WORK BY TELECOMMUNICATIONS CONTRACTORS AND OTHER VENDORS UNDER CONTRACT TO THE OWNER. (NOTE:FURNITURE PACKING MATERIALS WILL BE RESPONSIBILITY OF FURNITURE VENDOR.)
A0.28
FIRE RATED PARTITIONS SHALL BE NOTED IN STENCIL ABOVE FINISHED CEILING PER APPLICABLE CODE.
A0.29
GENERAL CONDITIONS (AIA DOCUMENT A201) APPLIES TO THIS PROJECT AND IS A PART OF THIS CONTRACT.
A0.30
VERIFY SPECIFIC SECURITY REQUIREMENTS WITH TENANT.
A0.31
when applicable: SPRINKLER HEAD LOCATION SHALL BE COORDINATED WITH OTHER TRADES BY GC AND SHALL BE AS SPECIFIED BY ENGINEER OR AS REQUIRED BY CODE. SPRINKLERS SHALL BE CENTERED WITHIN EACH CEILING TILE TO PROVIDE A UNIFIED, CONSISTENT AND AESTHETIC ARRANGEMENT. HEADS SHALL BE WHITE FLUSH TYPE OR BUILDING STANDARD IF EQUAL OR BETTER.

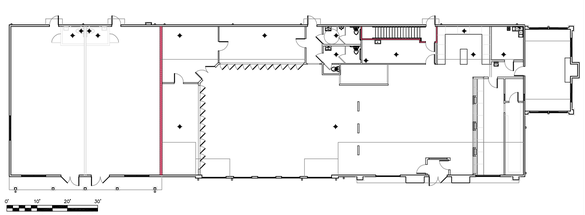
ABBREVIATIONS

A/C	AIR CONDITIONER
ADJ	ADJACENT
ADMIN	ADMINSTRATION
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
AVG	AVERAGE
BLDG	BUILDING
BOT	BOTTOM
CPT	CARPET
CAB	CABINET
CL	CENTERLINE
CLG	CEILING
CLGHT	CEILING HEIGHT
CLR	CLEAR
CONF	CONFERENCE
CONT	CONTINUOUS
CORR	CORRIDOR
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DR	DOOR
DTL/DET	DETAIL
DWG	DRAWING
EL	ELEVATION
ELEV	ELEVATOR
EQ	EQUAL
EQUIP	EQUIPMENT
EXST	EXISTING
FE	FIRE EXTINGUISHER
FL	FLOOR
FURN	FURNITURE
GA	GAUGE
GALV	GALVANIZED
GWB	GYPSUM WALL BOARD
GYP BD	GYPSUM BOARD
HDW	HARDWARE
HVAC	HEATING, VENTILATING, AIR CONDITIONING
INT	INTERIOR
JAN	JANITOR
JUNC	JUNCTION
LAB	LABORATORY
LAM	LAMINATED
LAV	LAVATORY
MAX	MAXIMUM
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MGR	MANAGER
MISC	MISCELLANEOUS
MIN	MINIMUM
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
NOM	NOMINAL
OC	ON CENTER
OPNG	OPENING
OPP	OPPOSITE
PL	PLASTIC LAMINATE
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PT	PAINT
QTY	QUANTITY
REF	REFRIGERATOR
REFRIG	REFRIGERATOR
REQ	REQUIRED
REV	REVISION/REVISED
RM	ROOM
SAN	SANITARY
SCHED.	SCHEDULE
SEC	SECRETARY
SF	SQUARE FOOT
SIM	SIMILAR
SPECS	SPECIFICATIONS
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STOR	STORAGE
SW	SWITCH
TV	TELEVISION
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VCT	VINYL COMPOSITION TILE
VENT	VENTILATION
VERT	VERTICAL
VWC	VINYL WALLCOVERING
VEST	VESTIBULE
W/	WITH
WC	WALLCOVERING
WD	WOOD
W/O	WITHOUT

ARCHITECTURAL SYMBOLS

NNA-NNN	ELEVATION INDICATOR: ELEV.NUMBER - SHEET NUMBER	ALIGN	ALIGN ELEMENTS
NN DRAWING	SECTION INDICATOR: DRAWING NUMBER / SHEET NUMBER	W-13	WINDOW TYPE SYMBOL
		NAME ##	ROOM TAG
NN DRAWING	ENLARGED PLAN/DETAIL: DRAWING NUMBER / SHEET NUMBER	△	REVISION NUMBER
		#	CODED NOTE
0'-0" A.F.F. B.O. CEILING	ELEVATION HEIGHT INDICATOR: HEIGHT / DESCRIPTION	#	MILLWORK NOTE
		◇	PARTITION RTPE

BUILDING PLAN



PROJECT DESCRIPTION

ADDRESS:

Rabun County GA

PROJECT DESCRIPTION:

NEW, 1-STORY, CONVENIENCE STORE BUILDING, WITH TWO "WHITE BOX" TENANTS
TOTAL BUILDING AREA 9,145 S.F.

TENANT OWNER:

Manny Singh
Cell: 678-230-6563
Email: mannysingh1@comcast.net

PROJECT TEAM

MAIN CONTACT:

PROJECT ARCHITECT:
DASHA TREINIS
2035 SUGAR PIKE RD.,
WOODSTOCK GA 30188
CELL: 404 914 1411
E-MAIL: TREINIS@GMAIL.COM

MEP ENGINEER
HENRY LYAUTEY
101 CYPRESS LN,
EATONTON GA 31024
Cell: 678 938 2383
HLYAUTEY@YAHOO.COM

STRUCTURAL ENGINEER
SHAYAH SMILEY, P.E., M.L.S.E.
SMILEY STRCTIRAL ENGINEERING
410 PEACHTREE PARKWAY
SUITE 4245, CUMMING GA 30041
678-720-8184
EMAIL: SHAYAH.SMILEY@SMILEYSTRUCTURALENGINEERING.COM
WWW.55EDESIGN.COM

VALUE OF CONSTRUCTION

PROJECT BUDGET (BUILDING ONLY):

$490,000

CODE ANALYSIS

I. AUTHORITIES
A. DEPARTMENT OF PLANNING AND DEVELOPMENT: 18 OLD RACO HIGH DR, SUITE 102, CLAYTON, GA 30525 PH. 706-782-1579

B. FIRE MARSHAL: 14 EMERGENCY DRIVE, CLAYTON, GA 30525 PH. 706-782-2751

II. APPLICABLE BUILDING CODES
Current Mandatory Codes as Adopted by DCA:
International Building Code, 2018 Edition, with Georgia Amendments (2020), (2022), (2024)
International Residential Code, 2018 Edition, with Georgia Amendments (2020), (2024)
International Fire Code, 2018 Edition (Contact State Fire Marshal Below)
International Plumbing Code, 2018 Edition, with Georgia Amendments (2020), (2022), (2023), (2024)
International Mechanical Code, 2018 Edition, with Georgia Amendments (2020), (2024)
International Fuel Gas Code, 2018 Edition, with Georgia Amendments (2020), (2022)
National Electrical Code, 2020 Edition, with Georgia Amendments (2021)
International Energy Conservation Code, 2015 Edition, with Georgia Supplements and Amendments (2020), (2022), (2023)
International Swimming Pool and Spa Code, 2018 Edition, with Georgia Amendments (2020)
- LIFE SAFETY CODE NFPA 101 2018 EDITIONS WITH 2020 STATE AMENDMENTS: 120-3-3 RULES AND REGULATIONS FOR THE STATE MINIMUM FIRE SAFETY STANDARDS
- ACCESSIBILITY CODE, EFFECTIVE MARCH 15, 2012; THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.'

Current Permissive Codes as Adopted by DCA:

Disaster Resilient Building Code IBC Appendix(2013)
Disaster Resilient Building Code IRC Appendix (2013)
International Property Maintenance Code, 2018 Edition, with Georgia Amendments (2021)
International Existing Building Code, 2018 Edition, with Georgia Amendments (2021)
National Green Building Standard, 2008 Edition, with Georgia Amendments (2011)

X Convenience Stores UDC Chapter 16-4.10
X Drive-Through UDC Chapter 17-6.2
X Fences and Walls UDC Chapter 16-4.14
X Overlay District UDC Chapter 21

III. BUILDING FEATURES

A.	TYPE OF CONSTRUCTION:	TYPE VB, NOT SPRINKLED, NOT FIRE ALARMED
B.	BUILDING HEIGHT:	32'-8" TOP OF ROOF RIDGE, NOT INCLUDING DECORATIVE CUPOLA
C.	NO. OF STORIES:	1-STORY
D.	BUILDING AREA:	9,145 SQ. FT.
G	TENANTS AREA:	G-STORE GROUND FLOOR AREA: 6,000 + G-STORE SUN ROOM: 435 SQ. FT. G-STORE MEZZANINE AREA: 546 SQ. FT. - TOTAL G-STORE GROUND FLOOR: 6,435 SQ. FT. WHITE BOX 2,500 SQ. FT.+ WHITE BOX COVERED FRONT PORCH: 210 SQ. FT. - TOTAL WHITE BOX: 2,710 SQ. FT.
E.	NO. OF EXITS/FLOOR:	G-STORE: 3/ WHITE BOX: 3
F.	PARTY AND FIRE WALLS:	N/A
G.	INTERIOR BEARING WALLS:	0 HOURS
H.	INTERIOR NON-BEARING WALLS	N/A
I.	SHAFT ENCLOSURES:	N/A
2.	OCCUPANCY SEPARATION:	2 HOURS
3.	TENANT SEPARATION:	2 HOURS
4.	HORIZONTAL EXIT:	N/A
5.	EXIT ACCESS CORRIDORS:	N/A
I.	COLUMNS:	0 HOURS
J.	BEAMS, GIRDERS, TRUSSES:	0 HOURS
K.	FLOOR/CEILING ASSEMBLIES:	0 HOURS
L.	ROOF/CEILING ASSEMBLIES:	0 HOURS
M.	EXTERIOR BEARING WALLS:	0 HOURS
N.	EXTERIOR NON-BEARING WALLS:	0 HOURS

V. OCCUPANCY CLASSIFICATION

A.	CLASSIFICATION TYPE:	G-STORE: MERCANTILE "M" 36.1.2.2 NFPA 101.: CLASS "B" WHITE BOX: TBD
B.	G-STORE TENANT AREA:	6,435 S.F.
C.	OCCUPANT LOAD:	GRANT TOTAL G-STORE: 148 PEOPLE TOTAL MERCANTILE: 3423 S.F./ 30 S.F. PER PERSON= 114 PEOPLE STOCK/ STORAGE AREA: 2,424 S.F./ 300 S.F. PER PERSON= 8 PEOPLE TOTAL BUSNESS: 223 S.F./ 150 S.F. PER PERSON= 2 PEOPLE TOTAL DINING AREA: 360 S.F./ 15 S. PER PERSON (TABLES AND CHAIRS)= 24 PEOPLE TOTAL
D.	FIXTURE REQUIREMENTS	
1.	WATER CLOSETS:	MERCANTILE: 1 PER 500 (148/500)= 1 REQ'D TOTAL FOR EA. SEX) 1 PROVIDED FOR EA SEX, - URINALS NOT MORE THAN 50%.)
2.	LAVATORIES:	MERCANTILE: 1 PER 750 (148/750)= 1 REQ'D TOTAL) 2 PROVIDED
4.	SERVICE SINK	1 PROVIDED
5.	WATER FOUNTAIN	1 REQUIRED/ 1 PROVIDED

VI. MEANS OF EGRESS REQUIREMENTS

A.	MAXIMUM TRAVEL DISTANCE TO EXIT	CHAPTER 36 OF THE 2018 NFPA 101, TABLE A.7.6
B.	MAXIMUM DEAD END CORRIDOR	MERCANTILE: (NON-SPRINKLED) 150' REQUIRED/ REF. A0.02 FOR PROVIDED
C.	COMMON PATH OF TRAVEL	20' (NON-SPRINKLED) REQUIRED/ REF. A0.02 FOR PROVIDED
D.	EXIT SEPARATION	75' (NON-SPRINKLED) REQUIRED/ REF. A0.02 FOR PROVIDED
E.	MINIMUM CORRIDOR WIDTH	1/2 DIAGONAL OF SPACE (NON-SPRINKLED)
F.	MINIMUM OPENING OF EXIT DOORS	44" REQUIRED/ REF. A0.02 FOR PROVIDED
G.	MINIMUM RAMP/STAIRS WIDTH	32" (NOT APPLICABLE)
H.	EGRESS WIDTH PER PERSON	36"
I.	LEVEL	148/ 3 = 49 x .2 = 9.8" EA. EXIT) 36" MIN REQUIRED/ 36" + PROVIDED

VII. INTERIOR FINISH CERTIFICATES

	FINISH REQUIREMENTS BASED UPON OCCUPANCY:	NFPA 101 36.3.3 (MERCANTILE, NON-SPRINKLED) CLASS-A, FLAME SPREAD 0-25, SMOKE DEVELOPED 0-450 NFPA 101 10.2.3.3. CLASS-B, FLAME SPREAD 26-75; SMOKE DEVELOPED 0-450 NFPA 101 10.2.3.3. CLASS-C, FLAME SPREAD 76-200; SMOKE DEVELOPED 0-450 NFPA 101 10.2.3.3.
B.	INTERIOR WALL AND CEILINGS:	CLASS-A, B OR C
C.	INTERIOR FLOOR EXIT ENCLOSURE:	CLASS 1 OR CLASS II, COMPLYING WITH 10.2.7.1// OR 10.2.7.2

VIII. FIRE PROTECTION REQUIREMENTS

A.	MANUAL FIRE ALARM BOXES:	MIN. 5 FT. FROM EACH EXIT
B.	VISIBLE ALARMS REQUIRED IN PUBLIC AREAS	
C.	REFER TO MEP DOCUMENTS	
D.	FIRE EXTINGUISHER REQUIREMENTS PER:	NFPA 10 (1-6)
E.	MAXIMUM AREA PER EXTINGUISHER:	11,250 SQ. FT.
F.	MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER:	75 FT.

IX. HANDICAPPED ACCESSIBILITY REQUIREMENTS
THIS PROJECT MEETS ADA 2010 CODE

A. A MINIMUM 60" x 60" LANDING FOR DIRECTION CHANGE AT TOP OF RAMP.
B. A MINIMUM 18" UNOBSTRUCTED MANEUVERING CLEARANCE ON PULL SIDE OF DOOR(S).
C. A MINIMUM 12" UNOBSTRUCTED MANEUVERING CLEARANCE ON PUSH SIDE OF DOOR(S).
IF
DOOR HAS BOTH A CLOSER AND LATCH.
D. RESTROOM ACCESS AND CLEARANCES PER APPLICABLE PROVISIONS OF 2010 ADA CODE (WATER CLOSETS), -29 (URINALS), -30 (LAVATORIES), -34 (BATHROOMS).
E. ACCESS AND CLEARANCES FOR SHOWER.
F. ACCESSIBLE COUNTER/TRANSACTION SURFACE NO MORE THAN 36" A.F.F.
G. A MINIMUM 36" WIDE REAR GRAB BAR.
H. A MINIMUM 42" LONG SIDE GRAB BAR.
I. LEVER HARDWARE ON NEW OR RE-HUNG DOORS.
J. NO KEY LOCKS ON EGRESS SIDE OF DOOR.

X. MISC. SAFETY REQUIREMENTS

A. INDIVIDUAL GLAZED AREAS, INCLUDING GLASS MIRRORS, IN HAZARDOUS LOCATION AS DEFINED IN 2406.4 SHALL BE PROTECTED.

B. 1101 2018 IFC - EMERGENCY RESPONDER RADIO COVERAGE: BUILDING OWNERS AND DESIGNERS MUST TAKE THE NECESSARY STEPS FOR THE TESTING, DESIGN, AND INSTALLATION OF ANY REQUIRED ERRCS PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

INDEX OF DRAWINGS

SHEET NO.	SHEET TITLE	ORIGINAL ISSUE DATE	REVISION NO.	REVISION ISSUE DATE
ARCHITECTURAL				
A0.00	INFORMATION/ CODE SHEET	08.10.24		
A0.01	ADA DETAILS AND NOTES	08.10.24		
A0.02	EGRESS PLAN	08.10.24		
A0.03	UL WALL DETAILS	08.10.24		
A0.04	FIRE RATED ASSEMBLY PENETRATION DETAILS	08.10.24		
A0.05	EXTERIOR MATERIALS TYP. INSTALLATION DETAILS	08.10.24		
A0.06	COMCHECK	08.10.24		
A1.00	PARTITION PLAN & ENLARGED PLANS	08.10.24		
A1.01	ROOF PLAN, FLOOR DRAIN PLAN	08.10.24		
A1.02	ENLARGED PLANS	08.10.24		
A2.00	BUILDING REFLECTED CEILING PLAN	08.10.24		
A2.01	MEZZANINE AND GAS PUMP CANOPY REFLECTED CEILING PLANS	08.10.24		
A2.02	POWER/ COMMUNICATION & EQUIPMENT PLAN	08.10.24		
A3.00	FINISH PLAN AND INTERIOR ELEVATIONS	08.10.24		
A3.01	INTERIOR ELEVATIONS	08.10.24		
A4.00	EXTERIOR ELEVATIONS	08.10.24		
A4.01	GAS PUMP CANOPY PLAN AND ELEVATIONS	08.10.24		
A4.02	BUILDING SECTIONS	08.10.24		
A4.03	BUILDING SECTIONS	08.10.24		
A4.04	BUILDING SECTIONS	08.10.24		
A7.00	EXTERIOR WALL SECTIONS & DOOR/ WINDOW DETAILS	08.10.24		
A7.01	EXTERIOR WALL SECTIONS & DOOR/ WINDOW DETAILS	08.10.24		
A7.02	EXTERIOR WALL SECTIONS & DOOR/ WINDOW DETAILS	08.10.24		
A7.03	EXTERIOR WALL SECTIONS & DOOR/ WINDOW DETAILS	08.10.24		
A7.04	EXTERIOR WALL SECTIONS & DOOR/ WINDOW DETAILS	08.10.24		
A7.05	EXTERIOR WALL SECTIONS & DOOR/ WINDOW DETAILS	08.10.24		
A7.06	INTERIOR WALL SECTIONS & DOOR DETAILS	08.10.24		
MECHANICAL				
M1	MECHANICAL PLAN, SCHEDULES & NOTES	08.10.24		
M1.1	MEZZANINE MECHANICAL PLAN AND DETAILS	08.10.24		
ELECTRICAL				
E1	LIGHTING PLAN & NOTES	08.10.24		
E2	MEZZANINE AND GAS CANOPY ELECTRICAL PLANS	08.10.24		
E3	POWER PLAN AND ELECTRICAL RISER DIAGRAM	08.10.24		
E4	PANEL SCHEDULES	08.10.24		
PLUMBING				
P1	SANITARY PLUMBING PLAN , NOTES AND DETAILS	08.10.24		
P2	SANITARY PLUMBING RISER, MEZZANINE SANITARY PLAN & FIXTURE SCHEDULE	08.10.24		
P3	POTABLE WATER PIPING PLANS & WATER HEATER DETAIL	08.10.24		
P4	GAS PIPING PLAN & GAS RISER DIAGRAM	08.10.24		
STRUCTURAL				
S 1.0	GENERAL NOTES	08.20.24		
S 2.0	FOUNDATION PLAN	08.20.24		
S 3.0	ROOF FRAMING PLAN	08.20.24		
S 4.0	WALL SECTIONS	08.20.24		
S 4.1	WALL SECTIONS	08.20.24		
S 4.2	WALL SECTIONS	08.20.24		
S 4.3	WALL SECTIONS	08.20.24		
S 5.0	TYP. DETAILS	08.20.24		
S 5.1	TYP. DETAILS	08.20.24		
MISC				
C 4	SITE PLAN			

MISC. COUNTY REQUIRED NOTES

1. DETAILS FOR EXTERIOR LIGHTING IS PROPOSED IN THIS SET ARE SHOWN ON ENGINEERING DRAWINGS
2. SIGNAGE IS REVIEWED AND PERMITTED UNDER A SEPARATE PROCESS.
3. NO OUTDOOR STORAGE IS PROPOSED FOR THIS JOB.
4. OPERATION HOURS: 24/7.
5. ALL ROOFTOP MECHANICAL EQUIPMENT SHALL BE SCREENED FROM THE VIEW FROM THE PUBLIC RIGHT-OF-WAY AND ADJACENT STREETS BY MATERIAL COMPATIBLE WITH THE BUILDING ARCHITECTURE, USING A PARAPET WALL, OR BY SPECIALLY DESIGNED ROOFTOP PENTHOUSE ENCLOSURES.
6. THERE WILL BE NO HAZARDOUS MATERIALS STORED (IN ACCORDANCE WITH SECTION 414 OF THE 2018 IBC), AND THAT ANY HIGH-PILED RACK STORAGE WILL BE DONE UNDER A SEPARATE PERMIT (IN ACCORDANCE WITH SECTION 413 OF THE 2018 IBC).
7. WHEN REQUIRED, BUILDING OWNERS AND DESIGNERS MUST TAKE THE NECESSARY STEPS FOR THE TESTING, DESIGN, AND INSTALLATION OF ANY REQUIRED ERRCS (Emergency Responder Radio Communication System) PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

LOCATION MAP

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DASHA TREINIS
CERTIFICATE NO. 025,025
REGISTERED ARCHITECT

This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
INFORMATION SHEET

:ISSUE DATE:

:DRAWN BY:
DT

:SHEET NUMBER:
A0.00

ALL DETAILS TO COMPLY WITH 2010 ADA CODE

GENERAL NOTES AND HANDICAP STANDARDS

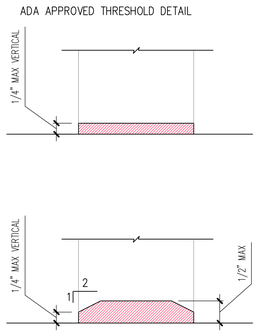
1. ALL EXIT DOORS AND DOORS IN THE MEANS OF EGRESS SHALL BE SIDE HINGED AND IF ANY LOCKING OR LATCHING DEVICE IS TO BE PROVIDED, ONLY APPROVED HARDWARE MAY BE USED.
2. THE FLOOR ON BOTH SIDES OF A DOOR SHALL BE LEVEL AND SHALL HAVE THE SAME ELEVATION ON BOTH SIDES OF THE DOOR FOR A DISTANCE, ON EACH SIDE, AT LEAST EQUAL TO THE WIDTH OF THE WIDEST SINGLE DOOR. PER NFPA 101 LIFE SAFETY CODE CHAPTER 7, SECTION 7.2.1.3, 2012 EDITION.
3. DOORS IN EXITS SHALL NOT BE SUBJECT TO THE USE OF A KEY OR SPECIAL KNOWLEDGE TO OPERATE, NFPA 101 LIFE SAFETY CODE CHAPTER 7, SECTION 7.2.1.5.1– 2012 EDITION.
4. EVERY DOOR INSIDE AND OUTSIDE EVERY BUILDING SHALL BE PROVIDED WITH HANDICAP ACCESSIBLE HARDWARE (LEVERS, PANIC HARDWARE, OR "U SHAPED" DESIGN DEVICES, ETC), AND SHALL COMPLY WITH RULE 120–3–20–.24(9) OF THE GEORGIA ACCESSIBILITY CODE.
5. MINIMUM CLEAR WIDTH FOR HANDICAP PASSAGE IS 32 INCHES AT A POINT, I.E., DOORWAY AND 36 INCHES CONTINUOUSLY TO COMPLY WITH 4.2.1 OF ADA 2010.
6. WATER CLOSET HEIGHT SHALL BE 17 TO 19 INCHES, MEASURED FROM THE TOP OF THE TOILET SEAT TO THE FLOOR, AND LOCATION SHALL COMPLY WITH RULE 604.2 OF THE GEORGIA ACCESSIBILITY CODE.
7. GRAB BARS 36" MINIMUM BEHIND THE WATER CLOSET AND 42" MINIMUM BESIDE THE WATER CLOSET ARE TO BE LOCATED SHALL COMPLY WITH RULE 604.5 OF THE GEORGIA ACCESSIBILITY CODE, PROVIDE BACK BLOCKING TO SUPPORT 200 LBS.
8. HANDICAP ACCESSIBLE URINALS SHALL BE STALL TYPE OR WALL HUNG WITH AN ELONGATED RIM A MAXIMUM OF 17 INCHES ABOVE THE FLOOR. A CLEAR FLOOR SPACE OF 30 INCHES BY 48 INCHES SHALL BE PROVIDED IN FRONT OF URINALS. SHALL COMPLY WITH RULE 605 OF THE GEORGIA ACCESSIBILITY CODE.
9. LAVATORIES SHALL BE MOUNTED WITH A CLEARANCE OF 29 INCHES FROM THE FLOOR TO THE BOTTOM OF THE APRON. PLUMBING SHALL BE ARRANGED SO THAT A KNEE CLEARANCE OF 48 INCHES DEEP, TOE CLEARANCE OF 9" AND FLOOR SPACE OF 17 INCHES SHALL COMPLY WITH RULE 606 OF THE GEORGIA ACCESSIBILITY CODE.
10. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED AND/OR COVERED. NO SHARP OR ABRASIVE SURFACES SHALL BE FOUND UNDER LAVATORIES. SHALL COMPLY WITH RULE 606.5 OF THE GEORGIA ACCESSIBILITY CODE.
11. ONE–HAND (SINGLE–HAND) LEVER OPERATION IS REQUIRED OF FAUCETS. SELF CLOSING VALVES ARE PERMITTED PROVIDING THE FAUCET REMAINS OPEN FOR AT LEAST TEN SECONDS SHALL COMPLY WITH RULE 606.4 OF THE GEORGIA ACCESSIBILITY CODE.
12. MIRRORS ARE TO BE MOUNTED WITH THE BOTTOM EDGE NO HIGHER THAN 40 INCHES ABOVE THE FLOOR, AND AT LEAST 74 INCHES TO THE TOP OF THE FRAME. MIRRORS SHALL COMPLY WITH RULE 603.3 OF THE GEORGIA ACCESSIBILITY CODE.
13. SHOWER STALL SIZE SHALL BE 36 INCHES BY 36 INCHES HAVING A CLEAR FLOOR SPACE OF 36 INCHES BY 48 INCHES IN WIDTH, AND SHALL COMPLY WITH RULE 608 OF THE GEORGIA ACCESSIBILITY CODE. A SHOWER SPRAY UNIT WITH A HOSE AT LEAST 60 INCHES LONG THAT CAN BE USED BOTH AS A FIXED SHOWER HEAD AND AS HAND HELD SHOWER SHALL BE PROVIDED PER THE GEORGIA ACCESSIBILITY CODE.
14. GRAB BARS SHALL BE PROVIDED FOR SHOWER STALLS. SHOWER STALL (36" x 36") CENTRAL WALL 33–36 INCHES HIGH, MEASURED FROM THE FLOOR TO GRAB BAR AND EXTENDING THE WIDTH OF THE WALL. THE BACK WALL SHALL BE PROVIDED WITH A GRAB BAR THAT IS CONTINUOUS WITH CENTRAL WALL GRAB BAR AND EXTENDING 18 INCHES FROM THE CORNER OF THE CENTRAL WALL AND BACK WALL TO COMPLY WITH RULE 608.3 OF THE GEORGIA ACCESSIBILITY CODE.
15. A SEAT SHALL BE PROVIDED IN SHOWER STALLS (36" x 36") AND SHALL BE NO HIGHER THAN 17–19 INCHES TO COMPLY WITH RULE 608.4 OF THE GEORGIA ACCESSIBILITY CODE.
16. TRESHOLDS IN ROLL–IN SHOWER STALLS SHALL BE 1/2 INCHES HIGH TO COMPLY WITH 608.7 OF THE GEORGIA ACCESSIBILITY CODE
17. WHEN DRINKING FOUNTAINS ARE PROVIDED ON A FLOOR THERE SHALL BE A DRINKING FOUNTAIN PROVIDED WHICH IS ACCESSIBLE TO INDIVIDUALS WHO USE A WHEELCHAIR IN ACCORDANCE WITH RULE 602 OF THE GA. ACCESSIBILITY CODE, AND ON ACCESSIBLE TO THOSE WHO HAVE DIFFICULTY BENDING OR STOOPING. THIS CAN BE ACCOMMODATED BY THE USE OF A "HI–LO" FOUNTAIN WITH A PAPER CUP DISPENSER ANCHORED TO THE WALL.
18. HANDICAP ACCESSIBLE RESTROOMS SHALL HAVE AN UNOBSTRUCTED CLEAR FLOOR SPACE OF 5' DIAMETER (CIRCULAR) AREA OR "T" SHAPED SPACE FOR MANEUVERING 180 DEGREES ALL AISLES, MEASURING 36" WIDE. THE PERPENDICULAR AISLE BEING 5' LONG LATERAL AISLES EXTENDING 1' EITHER SIDE OF THE 36" WIDE MANEUVERING AISLE.
19. AT LEAST ONE TOILET ROOM SHALL BE PROVIDED FOR EVERY FLOOR WHICH IS TO BE MADE ACCESSIBLE AND USABLE BY HANDICAPPED PERSONS. (H.B. #797)
20. PUBLIC TELEPHONES REQUIRE A CLEAR FLOOR OR GROUND SPACE OF AT LEAST 30" x 48" TO ALLOW FORWARD OR PARALLEL APPROACH. BASES, ENCLOSURES AND FIXED SEATS SHALL NOT IMPEDE APPROACHES TO TELEPHONES BY PEOPLE WHO USE WHEELCHAIRS. SHALL COMPLY WITH RULE 306.2 & 306.3 OF THE GEORGIA ACCESSIBILITY CODE.
20. TELEPHONE HEIGHTS SHALL SHALL COMPLY WITH RULE 308.22 AND 308.3 OF THE GEORGIA ACCESSIBILITY CODE, DIAGONALLY MOUNTED TELEPHONES SHALL HAVE THE HIGHEST OPERABLE PART NO HIGHER THAN48 INCHES ABOVE THE FLOOR.
21. TELEPHONE SHALL BE EQUIPPED SO AS SHALL COMPLY WITH RULE 703.7.2.3 & 707.6 OF THE GEORGIA ACCESSIBILITY CODE.
22. SEATS, TABLES AND WORK SURFACES SHALL COMPLY WITH RULE 308.2.2 OF THE GEORGIA ACCESSIBILITY CODE.
23. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE USED TO IDENTIFY ACCESSIBLE FACILITES AND SHALL COMPLY WITH RULE 701, 702, & 703 OF THE GEORGIA ACCESSIBILITY CODE, SIGN SHALL CONTAIN BRAILLE CHARACTERS AND PICTORIAL SYMBOL SIGNS. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, , INCLUDING DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 60 INCHES ABOVE THE FINISHED FLOOR TO THE CENTERLINE OF THE SIGN.
24. HANDRAILS SHALL BE PROVIDED AT BOTH SIDES OF ALL STAIRS. HANDRAILS SHALL COMPLY WITH RULE 505 OF THE GEORGIA ACCESSIBILITY CODE AND NFPA 101 LIFE SAFETY CODE CHAPTER 7, SECTION 7.2.2 AND 7.2.2.4
25. DOORWAYS HAVING TWO DOOR LEAVES, ONE LEAF SHALL HAVE A MINIMUM CLEAR OPENING OF 32 INCHES WITH THE DOOR OPEN AT 90 DEGREES AND MAINTAIN THE REQUIRED MANEUVERING CLEARANCES AT DOORS. (ANSI 117.1–1986 STANDARD 4.13.5E).
26. MINIMUM MANEUVERING CLEARANCES FOR NON–AUTOMATIC DOORS REQUIRE A CLEAR SPACE OF 18" ON THE LATCH SIDE OF A PULL SIDE DOORWAY, HAVING A PERPENDICULAR DISTANCE OF 5 FT. FROM THE DOORWAY BEING CLEAR SPACE TO COMPLY WITH RULE 404.2.4 OF THE GA. ACCESSIBILITY CODE.
27. (ACCESSIBLE ROUTE) ALL WALKS , HALLS, CORRIDORS, AISLES, SKYWALKS, TUNNELS AND OTHER SPACES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH RULE 402 & 403 OF THE GA. ACCESSIBILITY CODE.
28. FLUSH CONTROLS SHALL BE INSTALL PER RULE 604.6 AND SHALL NOT REQUIRE TIGHT GRASP, PINCHING OR TWISTING OF THE WRIST. CONTROLS FOR FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS NO MORE THAN 44 INCHES ABOVE THE FLOOR PER THE GA. ACCESSIBILITY CODE.
29. PAPER DISPENSERS SHALL BE INSTALLED PER THE REQUIREMENTS OF RULE 604.7 WITH A MINIMUM OF 15 INCHES TO THE CENTER OF THE ROLL, ABOVE THE FINISHED FLOOR PER GA. ACCESSIBILITY CODE.
30. THE TOPS OF ACCESSIBLE TABLES OR COUNTERS SHAL BE FROM 28 INCHES TO 34 INCHES ABOVE THE FINISHED FLOOR PER GEORGIA ACCESSIBILITY CODE.
31. DRESSING AND FITTING ROOMS SHALL COMPLY WITH RULE 222 OF THE GEORGIA ACCESSIBILITY CODE.
32. PROTRUDING OBJECTS PROJECTING FROM WALLS, FREESTANDING, OVERHEAD, OVERHANGING OBJECTS AND OBJECTS MOUNTED ON POSTS AND PYLONS SHALL BE INSTALLED IN COMPLIANCE WITH RULE 307.3 & 307.4 OF THE GEORGIA ACCESSIBILITY CODE.

"a" PROPORTIONS

"b" DISPLAY CONDITIONS

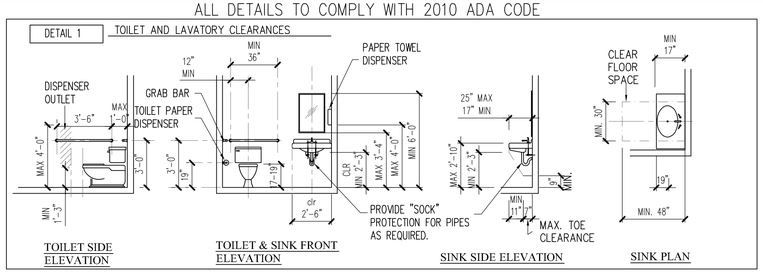
INTERNATIONAL SYMBOL OF ACCESSIBILITY
PER 120–3–20–41 (4)
GEORGIA ACCESSIBILITY CODE

ADA APPROVED THRESHOLD DETAIL

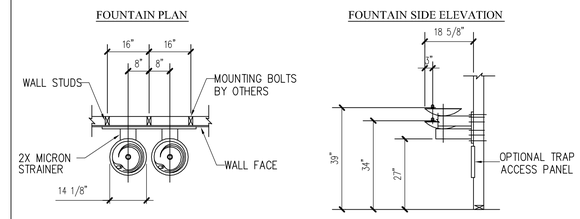


NOTE: VERTICAL EDGE MUST BE LOCATED BELOW LEVEL, NOT ABOVE

DETAIL 1 — TOILET AND LAVATORY CLEARANCES



DETAIL 2 — CLEARANCES AT DRINKING FOUNTAINS

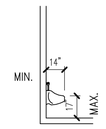


SECTION AT DRINKING FOUNTAINS

DRINKING FOUNTAIN NOTES

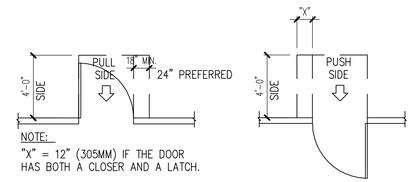
1. HOLD ROUGH–IN DIMENSIONS +/– 1/8" (3.2MM)
2. WHEN INSTALLING THIS UNIT, LOCAL, STATE OR FEDERAL CODES SHOULD BE ADHERED TO FOR INSTALLATION DIMENSIONS (LOCATIONS). WASTE AND SUPPLY REQUIREMENTS OTHER THAN SHOWN.
3. INSTALLER MUST PROVIDE TRAP FOR PROPER INSTALLATION.

DETAIL 3 — URINAL CLEARANCES



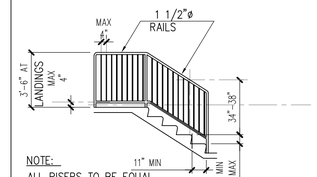
SIDE ELEVATION

DETAIL 4 — CLEARANCES AT DOORS



NOTE:
"X" = 12" (305MM) IF THE DOOR HAS BOTH A CLOSER AND A LATCH.

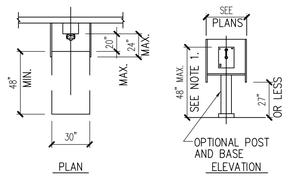
"A" FRONT APPROACHES - SWINGING DOORS



NOTE:
ALL RISERS TO BE EQUAL.
ALL TREADS TO BE EQUAL.
LANDING LENGTH TO BE EQUAL TO OR GREATER THAN WIDTH.

TYPICAL ELEVATION AT GUARDRAIL

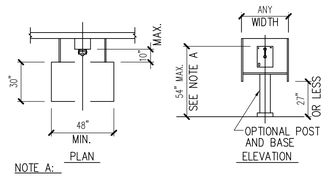
DETAIL 5 — CLEARANCES AT PHONE BOOTH



PLAN — ELEVATION

FRONT APPROACH

NOTES:
1. THIS DIMENSION REPRESENTS THE HEIGHT OF THE HIGHEST OPERABLE PARTS THAT ARE ESSENTIAL TO THE BASIC OPERATION OF THE TELEPHONE.
2. THE REQUIRED CLEAR FLOOR SPACE INCREASES TO 36IN. (915MM) WHEN THE ENCLOSURE EXTENDS MORE THAN 24 IN. (610MM) FROM THE FACE OF THE TELEPHONE.

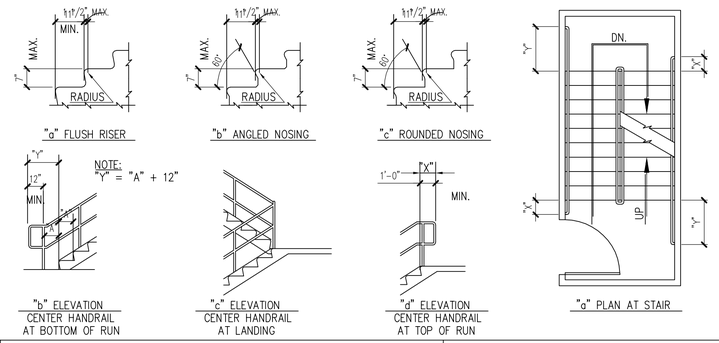


PLAN — ELEVATION

NOTE A:
THIS DIMENSION REPRESENTS THE HEIGHT OF THE HIGHEST OPERABLE PARTS THAT ARE ESSENTIAL TO THE BASIC OPERATION OF THE TELEPHONE.

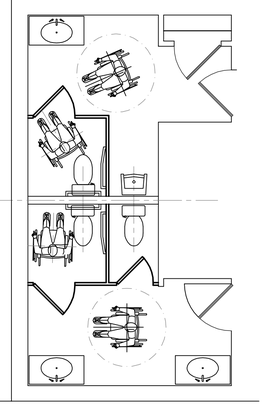
SIDE APPROACH

DETAIL 6 — STAIR DESIGN

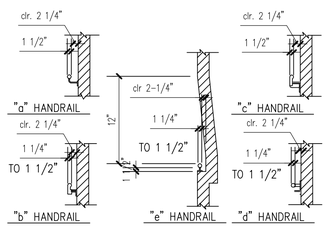


"b" ELEVATION CENTER HANDRAIL AT BOTTOM OF RUN — "c" ELEVATION CENTER HANDRAIL AT LANDING — "d" ELEVATION CENTER HANDRAIL AT TOP OF RUN — "a" PLAN AT STAIR

DETAIL 7 — TYP. MULTI–STALL RESTROOM PLAN

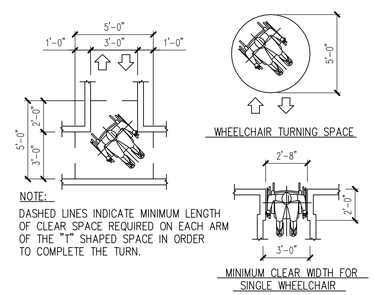


DETAIL 8 — SIZE AND SPACING OF HANDRAILS AND GRAB BARS



ALL HANDRAIL SHALL HAVE A MINIMUN OF 2–1/4" CLEARANCE FROM ADJACENT SURFACES.

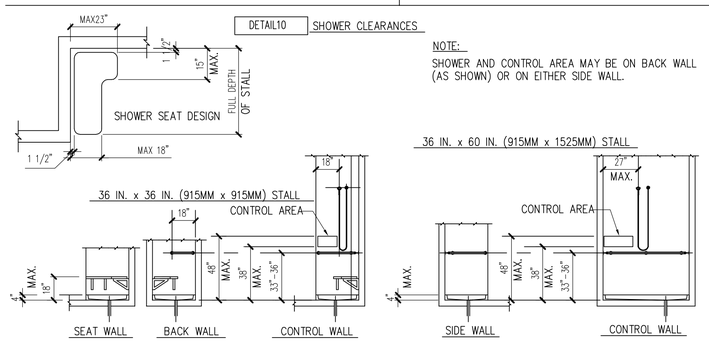
DETAIL 9 — "T"–SHAPED SPACE FOR 180' TURNS



NOTE:
DASHED LINES INDICATE MINIMUM LENGTH OF CLEAR SPACE REQUIRED ON EACH ARM OF THE "T" SHAPED SPACE IN ORDER TO COMPLETE THE TURN.

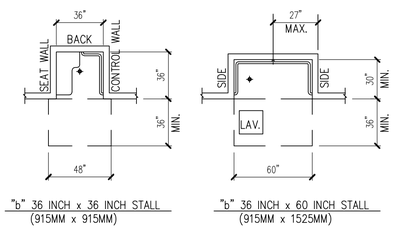
MINIMUM CLEAR WIDTH FOR SINGLE WHEELCHAIR

DETAIL10 — SHOWER CLEARANCES



NOTE:
SHOWER AND CONTROL AREA MAY BE ON BACK WALL (AS SHOWN) OR ON EITHER SIDE WALL.

DETAIL11 — BATHTUB CLEARANCES



"b" 36 INCH x 36 INCH STALL (915MM x 915MM) — "b" 36 INCH x 60 INCH STALL (915MM x 1525MM)

SHOWER SIZES AND CLEARANCES

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA — DARIA TREINIS — CERTIFICATE NO. 0001000 — REGISTERED ARCHITECT

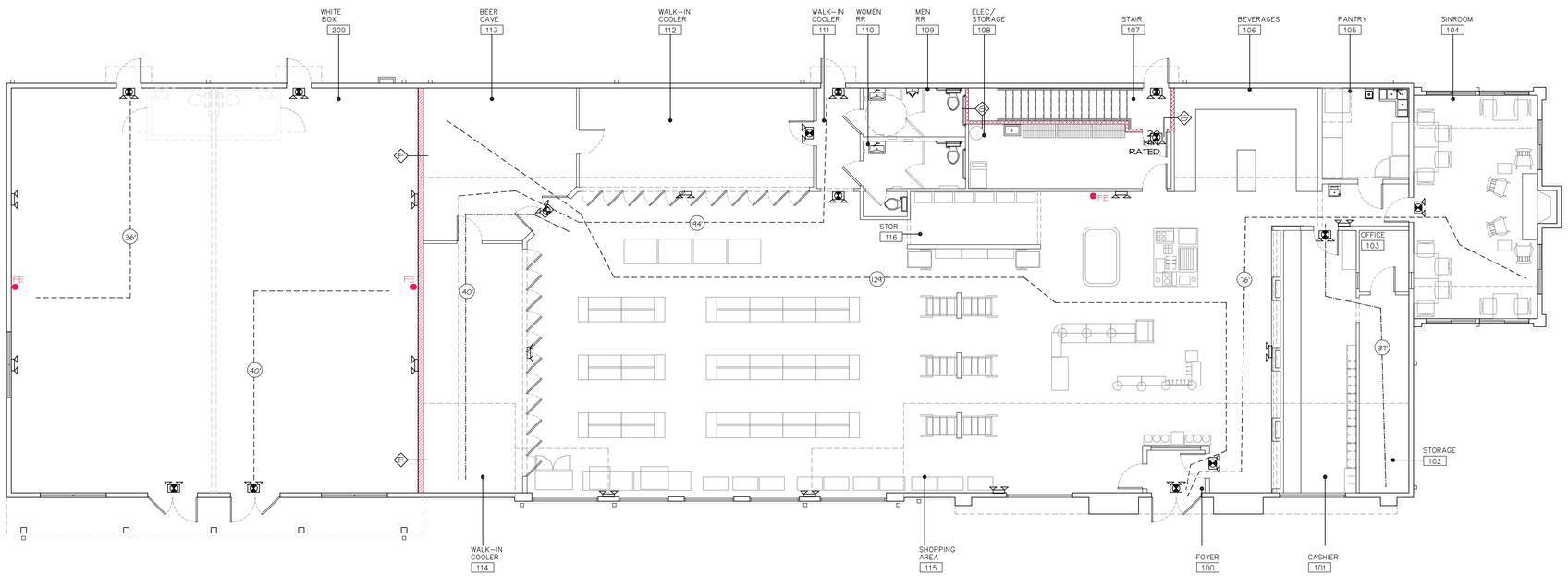
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
ADA
NOTES AND DETAILS

:ISSUE DATE:

:DRAWN BY:
DT

:SHEET NUMBER:
A0.01



1 EGRESS PLAN

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

VI. LIFE SAFETY NOTES:
1. THE SUITE NUMBER/LETTER SHALL BE DISPLAYED ON ALL EXTERIOR DOORS, TO INCLUDE ANY REAR DOORS, OF THE TENANT SPACE. THE NUMBERS/LETTERS SHALL BE A MINIMUM OF 3" IN HEIGHT ON A CONTRASTING COLOR TO THE BACKGROUND
2. EMERGENCY LIGHTING SHALL COMPLY WITH THE REQUIREMENTS OF. NFPA 101 LSC; CHAP. 7; SECT. 7.9; 2018 ED.
3. EXIT LIGHTING SHALL COMPLY WITH THE REQUIREMENTS OF. NFPA 101 LSC; CHAP. 7; SECT. 7.10; 2018 ED.4.
EXIT SIGNAGE AND EMERGENCY LIGHTING, WILL BE EVALUATED FOR LOCATION AND REQUIRED LIGHTING INTENSITY AT FINAL INSPECTION. AUTHORITY HAVING JURISDICTION
5. SIGNAGE SHALL BE PROVIDED AND INSTALLED PER THE REQUIREMENTS OF THE GEORGIA ACCESSIBILITY CODE 120-3-20A; CHAP. 7; SECT 703.1 THRU703..6.3; 2010 ED.
6. FIRE EXTINGUISHERS SHALL BE PROVIDED PER THE REQUIREMENTS OF THE OCCUPANCY CHAPTER FOR THIS PROJECT. NFPA 101 LSC AS AMENDED BY OCGA TITLE 25; 120-3-3 FIRE EXTINGUISHERS SHALL BE INSTALLED PER THE REQUIREMENTS OF THE GEORGIA ACCESSIBILITY CODE 120-3-20A; CHAP 3; SECT. 308; 2010 ED. FIRE EXTINGUISHERS WILL BE EVALUATED FOR LOCATION AND SIZE AT FINAL INSPECTION
7. FIRE EXTINGUISHERS SHALL DISPLAY A SERVICE TAG INSTALLED BY A TECHNICIAN CERTIFIED BY THE STATE OF GEORGIA. OCGA TITLE 25. FIRE MARSHALS RULES AND REGULATIONS
8. PROVIDE FIRE EXTINGUISHER AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR.
9. EVERY EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR AFFORD.
10. EXIT LIGHTING AND SIGNS: MINIMUM 6" x3/4" LETTER ON CONTRASTING BACKGROUND.
11. REF. ENGINEERING DRAWINGS FOR FIRE ALARM SYSTEM IF APPLICABLE.
12. EMERGENCY LIGHTING SHALL COMPLY WITH REQUIREMENTS OF NFPA 101 LSC, CHAP. 7., SEC 7.9 2018 EDITION
13. BALCONIES OR MEZZANINES HAVING AN OCCUPANT LOAD NOT EXCEEDING 50 SHALL BE PERMITTED TO BE SERVED BY A SINGLE MEANS OF EGRESS.
14. UNLESS PROHIBITED BY CHAPTERS 12 THROUGHOUT 42, UNENCLOSED FLOOR OPENINGS FORMING A COMMUNICATING SPACE BETWEEN FLOOR LEVELS SHALL BE PERMITTED PROVIDED THAT THE FOLLOWING CONDITIONS ARE MET:
15. THE COMMUNICATING SPACE DOES NOT CONNECT MORE THAN THREE CONTIGUOUS STORIES.
16. THE LOWEST OR NEXT TO LOWEST STORY WITHIN THE COMMUNICATING SPACE IS A STREET FLOOR.
17. THE ENTIRE FLOOR AREA OF THE COMMUNICATING SPACE IS OPEN AND UNOBSTRUCTED SUCH THAT A FIRE IN ANY PART OF THE SPACE WILL BE READILY OBVIOUS TO THE OCCUPANTS OF THE SPACE PRIOR TO THE TIME IT BECOMES AN OCCUPANT HAZARD.
18. THE COMMUNICATING SPACE IS SEPARATED FROM THE REMAINDER OF THE BUILDING BY FIRE BARRIERS WITH NOT LESS THAN A 1-HOUR FIRE RESISTANCE RATING.
EXCEPTION NO.1: IN BUILDINGS PROTECTED THROUGHOUT BY AN APPROVED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 9.7, A SMOKE BARRIER TO BE PERMITTED TO SERVE AS THE SEPARATION REQUIRED BY 8.2.5.
19. THE COMMUNICATING SPACE HAS ORDINARY HAZARD CONTENTS PROTECTED THROUGHOUT BY AN APPROVED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION9.7 OR HAS ONLY LOW HAZARD CONTENTS.
20. EGRESS CAPACITY IS SUFFICIENT TO PROVIDE FOR ALL THE OCCUPANTS OF ALL LEVELS WITHIN THE COMMUNICATING SPACE TO SIMULTANEOUSLY. EGRESS THE COMMUNICATING SPACE BY CONSIDERING IT AS SINGLE FLOOR AREA IN DETERMINING REQUIRED EGRESS CAPACITY
21. EACH OCCUPANT WITHIN THE COMMUNICATING SPACE HAS ACCESS TO NOT LESS THAN ONE EXIT WITHOUT HAVING TO TRAVERSE ANOTHER STORY WITHIN THE COMMUNICATING SPACE.
22. SPECIAL INSPECTIONS IBC SECTION 1704.1,1 & 1705 :
SPECIAL INSPECTION REPORTS AND A FINAL REPORT IN ACCORDANCE WITH GEORGIA STATE MINIMUM STANDARD BUILDING CODE SHALL BE AVAILABLE AT THE TIME THE BUILDING IS APPROVED FOR OCCUPANCY:
SEISMIC
Steel construction (WHEN APPLICABLE) (IBC Table 1704.3)
Concrete construction (IBC Table 1704.4)
Masonry Construction (IBC Table 1704.5.1)
Soils (IBC Table 1704.7)
EIFS (WHEN APPLICABLE) (IBC Section 1704.12)
COMPLIANCE WITH THE VERIFICATION REQUIREMENTS FOR SPECIAL INSPECTIONS (IBC SECTION 1704, 1704.1, 1704.2.2, BY THE FOLLOWING:
A. Registered Design Professional in Responsible Charge ARCHITECTURE - DASHA TREINIS
Registered Design Professional In Responsible Charge STRUCTURAL - TERRY GRANT
Registered Design Professional in Responsible Charge MEP - HENRY LYAUTEY

PLAN SYMBOLS LEGEND:

SYMB.	DESCRIPTION
	BUILDING STANDARD WALL MOUNTED EMERGENCY LIGHT BATTERY OPERATED. REF. A2.00 FOR SPECS
	BUILDING STANDARD WALL MOUNTED EXIT SIGN WITH EMERGENCY LIGHT BATTERY OPERATED. REF. A2.00 FOR SPECS
FE	WALL MOUNTED FIRE EXTINGUISHER. THE SIZE SHALL BE A MINIMUM OF 2-A10-B:C 1
	DEAD END CORRIDOR: 20' MAX (NON- SPRINKLED)
	MAXIMUM PATH OF TRAVEL: 200' MAX (NON-SPRINKLED)
	COMMON PATH OF TRAVEL 75' MAX (NON-SPRINKLED)
U379	INTERIOR, 2-HOUR RATED, 2X6 WOOD STUDS @16" O.C. TO BOTTOM CHORD OF ROOF TRUSS; WITH TWO LAYERS OF TYPE "X" 5/8" GYP. BD ON BOTH SIDES FULL HEIGHT OF THE WALL; AND 3" SOUND BATTS. REF. 2/A0.03
BXUV	INTERIOR, 1-HOUR RATED, 2X6 WOOD STUDS @16" O.C. TO BOTTOM CHORD OF ROOF TRUSS; WITH ONE LAYER OF TYPE "X" 5/8" GYP. BD ON BOTH SIDES FULL HEIGHT OF THE WALL; AND 3" SOUND BATTS. REF. 1/A0.02

III. BUILDING FEATURES

A. TYPE OF CONSTRUCTION:	TYPE VB, NOT SPRINKLED, NOT FIRE ALARMED
B. BUILDING HEIGHT:	40'-0" ALLOWED/ 30'-3" PROPOSED
C. NO. OF STORIES:	1-STORY REQUIRED/ 1-STORY PROPOSED
D. BUILDING AREA:	
C G-STORE TENANT AREA:	9,000 REQUIRED (WITHOUT AREA INCREASE)/ PROPOSED: 6,500 S.F.
E. NO. OF EXITS/FLOOR:	2 REQUIRED/ 3 PROVIDED
F. PARTY AND FIRE WALLS:	N/A
G. INTERIOR BEARING WALLS:	N/A
H. INTERIOR NON-BEARING WALLS	
1. SHAFT ENCLOSURES:	N/A
2. OCCUPANCY SEPARATION:	N/A
3. TENANT SEPARATION:	N/A
4. HORIZONTAL EXIT:	N/A
5. EXIT ACCESS CORRIDORS:	N/A
I. COLUMNS:	0 HOUR
J. BEAMS, GIRDERS, TRUSSES:	0 HOUR
K. FLOOR/CEILING ASSEMBLIES:	0 HOUR
L. ROOF/CEILING ASSEMBLIES:	0 HOUR
M. EXTERIOR BEARING WALLS:	0 HOUR
N. EXTERIOR NON-BEARING WALLS:	0 HOURS

V. OCCUPANCY CLASSIFICATION

A. CLASSIFICATION TYPE:	MERCANTILE "M" 36.1.2.2 NFPA 101.
B. BUILDING AREA:	6,500 S.F.
C. OCCUPANT LOAD:	GRANT TOTAL G-STORE: 131 PEOPLE TOTAL MERCANTILE: 2,770 S.F./ 30 S.F. PER PERSON= 92 PEOPLE STOCK/ STORAGE AREA: 2,840 S.F./ 300 S.F. PER PERSON= 10 PEOPLE TOTAL COMMERCIAL KITCHEN AREA: 530 S.F./ 100 S.F. PER PERSON= 5 PEOPLE TOTAL DINING AREA: 360 S.F./ 15 S. PER PERSON (TABLES AND CHAIRS)= 24 PEOPLE TOTAL
D. FIXTURE REQUIREMENTS	
1. WATER CLOSETS:	MERCANTILE: 1 PER 500 (131/500= 1 REQ'D TOTAL FOR EA. SEX) 6 PROVIDED PROVIDED _: URINALS NOT MORE THAN 50%:
2. LAVATORIES:	MERCANTILE: 1 PER 750 (131/750= 1 REQ'D TOTAL) 4 PROVIDED
4. SERVICE SINK	1 REQUIRED/ 1 PROVIDED
5. WATER FOUNTAIN	1 REQUIRED/ 1 PROVIDED

VI. MEANS OF EGRESS REQUIREMENTS

A. MAXIMUM TRAVEL DISTANCE TO EXIT	CHAPTER 36 OF THE 2018 NFPA 101, TABLE A.7.6
B. MAXIMUM DEAD END CORRIDOR	MERCANTILE: (NON-SPRINKLED) 150' REQUIRED/ MAX 148' PROVIDED
C. COMMON PATH OF TRAVEL	20' (NON-SPRINKLED) REQUIRED/ NO DED-END CORRIDORS PROPOSED
D. EXIT SEPARATION	75' (NON-SPRINKLED) REQUIRED/ MAX 37' PROVIDED
E. MINIMM CORRIDOR WIDTH	1/2 DIAGONAL OF SPACE (NON-SPRINKLED) WHEN ONLY 2 DOORS PROVIDED
F. MINIMUM OPENING OF EXIT DOORS	44" REQUIRED/ 66" PROVIDED
G. MINIMM RAMPS/STAIRS WIDTH	32" REQUIRED/ 32"+ PROVIDED
H. EGRESS WIDTH PER PERSON	36" (NOT APPLICABLE)
I. LEVEL	131/ 3 = 44 x .2 = 8.8" EA. EXIT) 36" MIN REQUIRED/ 36" + PROVIDED

VII. INTERIOR FINISH CERTIFICATES

FINISH REQUIREMENTS BASED UPON OCCUPANCY.	NFPA 101 36.3.3 (MERCANTILE, NON-SPRINKLED) CLASS-A, FLAME SPREAD 0-25; SMOKE DEVELOPED 0-450 NFPA 101 10.2.3.3.3, CLASS-B, FLAME SPREAD 26-75; SMOKE DEVELOPED 0-450 NFPA 101 10.2.3.3. CLASS-C, FLAME SPREAD 76-200; SMOKE DEVELOPED 0-450 NFPA 101 10.2.3.3.
B. INTERIOR WALL AND CEILING:	CLASS-A, B OR C
C. INTERIOR FLOOR EXIT ENCLOSURE:	CLASS I OR CLASS II, COMPLYING WITH 10.2.7.1// OR 10.2.7.2

VIII. FIRE PROTECTION REQUIREMENTS

A. MANUAL FIRE ALARM BOXES:	MIN. 5 FT. FROM EACH EXIT
B. VISIBLE ALARMS REQUIRED IN PUBLIC AREAS	
C. REFER TO MEP DOCUMENTS	
D. FIRE EXTINGUISHER REQUIREMENTS PER:	NFPA 10 (1-6)
E. MAXIMM AREA PER EXTINGUISHER:	11,250 SQ. FT.
F. MAXIMM TRAVEL DISTANCE TO EXTINGUISHER:	75 FT.

IX. HANDICAPPED ACCESSIBILITY REQUIREMENTS
THIS PROJECT MEETS ADA 2010 CODE

A. A MINIMUM 60" x 60" LANDINS FOR DIRECTION CHANGE AT TOP OF	RAMP.
B. A MINIMUM 18" UNOBSTRUCTED MANEUVERING CLEARANCE ON PULL SIDE	OF DOOR(S).
C. A MINIMUM 12" UNOBSTRUCTED MANEUVERING CLEARANCE ON PUSH SIDE	OF DOOR(S)
IF	
DOOR HAS BOTH A CLOSER AND LATCH.	
D. RESTROOM ACCESS AND CLEARANCES PER APPLICABLE PROVISIONS OF 2010 ADA	
CODE (WATER CLOSETS): -29 (URINALS): -30 (LAVATORIES), -34 (BATHROOMS).	
E. ACCESS AND CLEARANCES FOR SHOWER.	
F. ACCESSIBLE COUNTER/TRANSACTION SURFACE NO MORE THAN 36" A.F.F.	
G. A MINIMM 36" WIDE REAR GRAB BAR.	
H. A MINIMM 42" LONG SIDE GRAB BAR.	
I. LEVER HARDWARE ON NEW OR RE-HANG DOORS.	
J. NO KEY LOCKS ON EGRESS SIDE OF DOOR.	

X. MISC. SAFETY REQUIREMENTS

A. INDIVIDUAL GLAZED AREAS, INCLUDING GLASS MIRRORS, IN HAZARDOUS LOCATION AS DEFINED IN 2406.4 SHALL BE PROTECTED.

B. NCU 2018 IFC - EMERGENCY RESPONDER RADIO COVERAGE. BUILDING OWNERS AND DESIGNERS MUST TAKE THE NECESSARY STEPS FOR THE TESTING, DESIGN, AND INSTALLATION OF ANY REQUIRED ERRCS PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

2 EGRESS PLAN LEGEND

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DASHA TREINIS
CERTIFICATE NO. 0001530
REGISTERED ARCHITECT

This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
EGRESS PLAN

:ISSUE DATE:

:DRAWN BY:
DT

:SHEET NUMBER:
A0.02

ONLINE CERTIFICATIONS DIRECTORY

Design No. U379

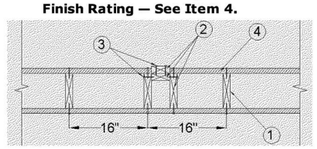
BXUV - Fire Resistance Ratings - ANSI/UL 263

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

May 06, 2016

Bearing Wall Rating — 1 HR.

Finish Rating — See Item 4.



1. **Wood Studs —** Minimum nominal 2 by 6 in. spaced 16 in. OC max, effectively braced.
1A. **Wood Studs —** (Item Not Shown - For Use With Items 4D and 4E Only) - Minimum nominal 2 by 6 in. spaced 24 in. OC max, effectively braced.
2. **Non-Bearing Wall Partition Intersection —** Minimum nominal 2 by 4 in. studs nailed together and fastened to one side of the minimum 2 by 6 in. stud. Intersection between 2 by 4 in. studs to be flush with 2 by 6 in. stud. 2 by 4 in. double stud framed with a second 2 by 6 in. stud. Maximum one non-bearing intersection per stud cavity. Non-bearing wall partition stud depth shall be at least equal to the depth of the bearing wall.
3. **Fasteners —** (For non-bearing wall intersection) Nom. 2 by 4 in. studs nailed together with two 3 in. long, 10d nails spaced 16 in. OC vertically. Nom. 2 by 4 in. studs nailed to 2 by 6 in. studs with 3 in. long, 10d nails spaced 16 in. OC vertically.
4. **Gypsum Board* —** 5/8 in. thick paper, glass mat or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. When used in widths other than 48 in., gypsum panels are to be installed horizontally. Gypsum panels nailed 7 in. OC with 6d nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. As an alternate to nails, gypsum panels may be fastened to studs with 1-5/8 in. long wallboard screws spaced 8 in. OC max, with last screw 1 in. from edge of board.

ACADIA DRYWALL SUPPLIES LTD — Type X (finish rating 22 min.), 5/8 Type X, Moisture Resistant Type X, Gypsum Sheathing Type X, Mold & Mildew Resistant Type X and Mold & Mildew Resistant AR Type X, Type Blueglass Exterior Sheathing
AMERICAN GYPSUM CO — Types AGX-1 (finish rating 23 min.), M-Glass (finish rating 23 min.), Type AGX-11 (finish rating 26 min) or Type AG-C

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1 (finish rating 24 min).

GEORGIA-PACIFIC GYPSUM L L C — Type 5 (finish rating 26 min), Type 6 (finish rating 23 min), Type 9 (finish rating 26 min), Type C (finish rating 26 min), Type DGG (finish rating 20 min), Type GPFS1 (finish rating 20 min), Type GPFS2 (finish rating 20 min), Type GPFS6 (finish rating 26 min), Type DS, Type DAP, Type DD (finish rating 20 min), Type DA, Type DAPC, LS (finish rating 23 min), Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X, GreenGlass Type X, Type LWX, Veneer Plaster Base-Type LWX, Water Rated-Type LWX, Sheathing Type-LWX, Soffit-Type LWX, Type DGLW, Water Rated-Type DGLW, Sheathing Type- DGLW, Soffit-Type DGLW, Type LW2X, Veneer Plaster Base - Type LW2X, Water Rated - Type LW2X, Sheathing - Type LW2X, Soffit - Type LW2X, Type DGL2W, Water Rated - Type DGL2W, Sheathing - Type DGL2W.
CGC INC — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SCX (finish rating 24 min), Type SHX (finish rating 24 min), Type ULX (finish rating 22 min), USGX (Joint tape and compound, Item 5, optional for use with Type USGX), Type WRC (finish rating 24 min), Type WRX (finish rating 24 min).
NATIONAL GYPSUM CO — Type FSK (finish rating 20 min), Type FSK-G (finish rating 20 min), Type FSW (finish rating 20 min), Type FSW-2 (finish rating 24 min), Type FSW-3 (finish rating 20 min), Type FSW-5 (finish rating 22 min), Type FSW-6 (finish rating 20 min), Type FSW-8, Type FSW-G (finish rating 20 min), Type FSK-C (finish rating 20 min), Type FSW-C (finish rating 20 min), Type FSMR-C, Type FSL (finish rating 24 min).

4A. **Gypsum Board* —** (As an alternate to Item 4) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths of other than 48 in., gypsum boards are to be installed horizontally. Finished Rating is 24 minutes.
CGC INC — Type AR, Type C, Type IP-AR, Type IPC-AR, Type IP-X1, Type IP-X2, Type SCX, Type ULX, Type SHX, Type WRC, Type WRX.
UNITED STATES GYPSUM CO — Type AR, Type C, Type FRX-G, Type IP-AR, Type IP-X1, Type IP-X2, Type IPC-AR, Type SCX, Type SHX, Type ULX, Type WRC, Type WRX.
4B. **Gypsum Board* —** (As an alternate to Item 4, 4A) — Nom 3/4 in. thick, installed with 1-7/8 in. long nails as described in Item 3 or 1-3/8 in. long Type W coarse thread gypsum panel steel screws as described in Item 3A.
4C. **Gypsum Board* —** (As an alternate to Items 4, 4A and 4B) - 5/8 in. thick, 2 ft wide, tongue and groove edge, applied horizontally to one side of the assembly. Installed with 1-7/8 in. long nails as described in Item 3 or 1-1/4 in. long Type W coarse thread gypsum panel steel screws as described in Item 3A. Joint covering (Item 2) not required.
5. **Joint Compound —** (Not Shown) Joints covered with one layer of tape and two coats of joint compound. Fastener heads covered with two coats of joint compound.
6. **Batts and Blankets* —** (Optional, Not Shown) Glass fiber or mineral wool insulation. Placed to completely or partially fill the stud cavities.
6A. **Glass Fiber Insulation* —** (As an alternate to Item 5) — 3 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, placed to fill the interior of the wall, attached to the 4 in. face of the studs with staples placed 24 in. OC. See **Batts and Blankets** (BKNV or BZJZ) Catagories for names of Classified companies.

1 1-HOUR FIRE RATED WALL UL DETAIL

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. V337

September 10, 2021

Bearing Wall Rating — 2 Hr
For Wood Studs, Finish Rating — 42 min
Loaded Per 2012 NDS Supplement, ASD Method, Wall Braced by Sheathing, 73% of Design Load Applied to Wall
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

1. **Wood Studs —** Nom 2 by 6 in., spaced 16 in. max. OC or 24 in. max. OC (must use item 6 in addition to item 6A or 6B) with double 2 by 6 top and single 2 by 6 in, bottom plates. Studs effectively firestopped.

1A. **Steel Studs —**(Not shown - In lieu of item 1) - Min 3-1/2 in. wide, No. 20 MSG (0.0329 in., min bare metal thickness) corrosion protected cold formed steel, or No. 20 MSG (0.036 in.) thick galvanized steel, or No. 20 MSG (0.033 in. thick) primed steel studs designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute. All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing of wall assemblies shall not exceed 16 in. OC. Studs attached to floor and ceiling tracks with 1/2 in. long Type S-12 steel screws on both sides of studs or by welded or bolted connections designed in accordance with the AISI specifications.

1B. **Steel Floor and Ceiling Tracks —** (Not Shown, for use with Item 1A) — Top and bottom tracks of wall assemblies shall consist of steel members, min No. 20 MSG and min. 3-1/2 in. deep. Attached to floor and ceiling assemblies with steel fasteners spaced not greater than 16 in. O.C.

1C. **Lateral Support Members —** (Not Shown, for use with Item 1A) — Where required for lateral support of steel studs, support may be provided by means of steel straps, channels or other similar means as specified in the design of a particular steel stud wall system.

2. **Gypsum Board* —** Any 5/8 in. thick, 4 ft. wide Gypsum Board UL Classified for Fire Resistance (CKNX) eligible for use in Design Nos. U305 and L501 or G512, , two layers applied vertically. Base layer nailed to wood studs and bearing plates 6 in. OC with 6d cup-head drywall nails, 1-7/8 in. long. The face layer, with joints staggered from base layer, nailed to the studs and bearing plates over the base layer, 8 in. OC with 8d cup-head drywall nails, 2-3/8 in. long. Type W screws of the same length, head diameter, as the nails and at the spacing described for nails may be used instead of nails. Vertical joints centered over studs and staggered min. 1 stud cavity from the vertical joints of the building units (Item #5).

2A. **Gypsum Board*** - (Optional - As an alternate to Item 6 only when Item 5 is used as a base layer in lieu of Item 2) - One layer of 5/8 inch, 4 foot wide sheets. Applied vertically, nailed to the studs and bearing plates through Item 5, with 2-3/8 in. long 8d nails, spaced 6 in. OC on the perimeter and in the field. Vertical joints centered over studs and staggered min. 1 stud cavity from the vertical joints of the building units (Item #5).

CERTAINTEED GYPSUM INC — Type X-1

3. **Joints and Fastener Heads —** Gypsum board joints covered with tape and joint compound. Fastener heads covered with joint compound.

4. **Batts and Blankets* —** Faced or unfaced mineral fiber insulation, 5-1/2 in. thick, nominal 2.73 pcf, friction fit in the wall cavity between stud, plates.
See **Batts and Blankets*** (BZJZ) category for names of Classified manufacturers.

5. **Building Units* —** Min. 7/16 in. thick nailed to the wood framing with 1-7/8 in. long, 6d nails, spaced 6 in. OC. on the perimeter and 12 in. OC. in the field. Vertical joints centered on studs. Horizontal joints backed with nom. 2 by 4 wood blocking. When steel framing is substituted for wood framing, 1-1/4 in. long Type S steel screws are used in lieu of nails. Horizontal joints backed by steel framing.

LOUISIANA-PACIFIC CORP — Type Blazeguard 2-Side

LOUISIANA-PACIFIC CORP — Type LP FlameBlock 2-Side

6. **Gypsum Board* —** Nom. 5/8 in. thick, 4 ft. wide exterior sheathing applied vertically. Single layer nailed to wood studs and bearing plates 6 in. OC with 1-7/8 in. long 6d cement coated nails. Vertical joints centered over studs and staggered min. 1 stud cavity from the vertical joints of the building units (Item #5). The joints and nail heads shall not be treated with joint compound.
GEORGIA-PACIFIC GYPSUM L L C — Types DGG

CERTAINTEED GYPSUM INC – Type EGRG/GlasRoc

6A. **Cementitious Stucco —** — (Not shown – As an alternate to Item 6 only when studs are spaced max. 16 in. OC. When wood studs are spaced 24 in. OC, item 6A must be used in addition to item 6) - Min. 3/4 inch, measured to the face of the lath, 3 coat, Portland Cement based stucco, in accordance with ASTM C 926, the Standard Specification for Application of Portland Cement-Based Plaster, and over self-furring metal lath per ASTM C 1063, the Standard Specification for Installation of Lathing and Furring for Portland Cement-Based Plaster, fastened to studs through the Building Units (Item. 5).

6B. **Brick —** (Not shown – As an alternate to items 6 or 6A when wood stud spacing is max. 16 in. OC. When wood studs are spaced 24 in. OC, item 6B must be used in addition to item 6) - Brick veneer, minimum thickness of 2.3 inches meeting the requirements of local code agencies. Brick veneer attached to the studs with corrugated metal wall ties attached to each stud with 8d cement coated nails, not more than each sixth course of bricks and max 32 in. OC horizontally. Minimum 1 inch air space provided between brick veneer and sheathing. For steel studs, Type S steel screws are used in lieu of nails with a minimum penetration length through the steel stud of 3/8 in.

ALTERNATE CONSTRUCTION – 2 Hr Rating from Exterior Side

6C. **Brick** — (Not shown - As an alternate to items 6, 6A and 6B for any stud spacing) — Brick veneer, minimum thickness of 3.4 inches, meeting the requirements of local code agencies. Brick veneer attached to the studs with corrugated metal wall ties attached to each stud with 8d cement coated nails, every sixth course of bricks and max 32 in. OC horizontally. One inch air space provided between brick veneer and sheathing. For steel studs, Type S steel screws are used in lieu of nails with a minimum penetration length through the steel stud of 3/8 in.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2021-09-10

2 2-HOUR FIRE RATED TENANT DEMISING WALL UL DETAIL

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 040-10-0
REGISTERED ARCHITECT

This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
FIRE RATED
UL DETAILS

:ISSUE DATE:

:DRAWN BY:
DT

:SHEET NUMBER:
A0.03

SYSTEM NO. W-L-1243
F RATING - 1 AND 2 HR

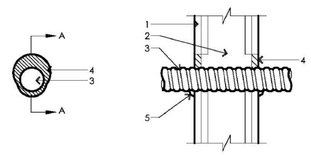
1. GYPSUM WALL ASSEMBLY (UL CLASSIFIED U300 OR U400 SERIES WALL) 1-HR OR 2-HR FIRE-RATING) (2-HR SHOWN).

2. WOOD STUDS TO CONSIST OF NOMINAL 2"X4" LUMBER, STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.

3. PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
A. MAXIMUM 2" NOMINAL DIAMETER FLEXIBLE ALUMINUM OR STEEL CONDUIT.
B. MAXIMUM 1" NOMINAL DIAMETER FLEXIBLE STEEL GLASS PIPING MANUFACTURED BY OMEGA FLEX INC., TITEFLEX CORP., OR WARD MANUFACTURING INC.

4. MINIMUM 5/8" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT

5. MINIMUM 1/2" BEAD HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT AT POINT OF CONTACT



SECTION A-A

3 FLEXIBLE METAL CONDUIT THROUGH 1-HR OR 2-HR GYPSUM WALL ASSEMBLY

SYSTEM NO. W-L-5029
F RATINGS — 1 AND 2 HR

1. GYPSUM WALL ASSEMBLY (UL CLASSIFIED U300 OR U400 SERIES WALL) 1-HR OR 2-HR FIRE-RATING) (2-HR SHOWN).

2. WOOD STUDS TO CONSIST OF NOMINAL 2"X4" LUMBER, STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.

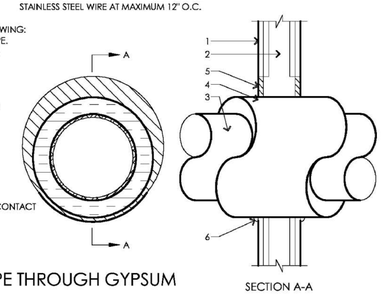
3. PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
A. MAXIMUM 12" NOMINAL DIAMETER STEEL PIPE.
B. MAXIMUM 12" NOMINAL DIAMETER CAST OR DUCTILE IRON PIPE.
C. MAXIMUM 6" NOMINAL DIAMETER COPPER PIPE OR TUBING.

4. NOMINAL 1", 1-1/2" OR 2" THICK GLASS-FIBER PIPE INSULATION OR MAXIMUM 2" THICK CALCIUM SILICATE PIPE INSULATION (SEE NOTE NO. 3).

5. MINIMUM 5/8" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT

5. MINIMUM 1/2" BEAD HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT AT POINT OF CONTACT

NOTES:
1. MAXIMUM DIAMETER OF OPENING = 18"
2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 1-7/8"
3. WHEN CALCIUM SILICATE PIPE INSULATION IS USED, SECURE INSULATION TO PIPE WITH STAINLESS STEEL BANDS OR MINIMUM 8 AWG STAINLESS STEEL WIRE AT MAXIMUM 12" O.C.



SECTION A-A

6 INSULATED METAL PIPE THROUGH GYPSUM WALL ASSEMBLY

SYSTEM NO. W-L-1054
F RATINGS - 1 AND 2 Hr

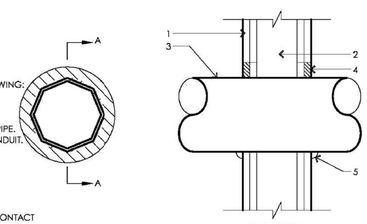
1. GYPSUM WALL ASSEMBLY (UL CLASSIFIED U300 OR U400 SERIES WALL) 1-HR OR 2-HR FIRE-RATING) (2-HR SHOWN).

2. WOOD STUDS TO CONSIST OF NOMINAL 2"X4" LUMBER, STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.

3. PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
A. MAXIMUM 30" DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER).
B. MAXIMUM 30" CAST IRON PIPE.
C. MAXIMUM 6" NOMINAL DIAMETER COPPER PIPE.
D. MAXIMUM 6" NOMINAL DIAMETER STEEL CONDUIT.
E. MAXIMUM 4" NOMINAL DIAMETER EMT.

4. MINIMUM 5/8" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT

5. MINIMUM 1/2" BEAD HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT AT POINT OF CONTACT



SECTION A-A

2 METAL PIPE THROUGH 1-HR OR 2-HR GYPSUM WALL ASSEMBLY

SYSTEM NO. W-L-1408
F RATING - 1 OR 2 HR

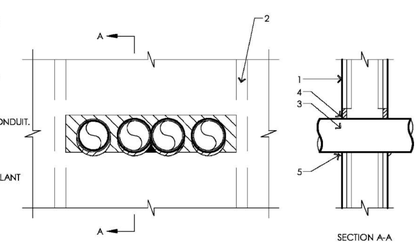
1. GYPSUM WALL ASSEMBLY (UL CLASSIFIED U400 OR V400 SERIES WALL) 1-HR OR 2-HR FIRE-RATING) (2-HR SHOWN).

2. STEEL STUDS TO BE A MINIMUM 3 5/8" WIDE.

3. ONE OR MORE OF THE FOLLOWING PENETRATING ITEMS TO BE INSTALLED IN A SINGLE ROW:
A. MAXIMUM 4" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 5 OR HEAVIER).
B. MAXIMUM 4" NOMINAL STEEL CONDUIT.
C. MAXIMUM 4" NOMINAL DIAMETER EMT.

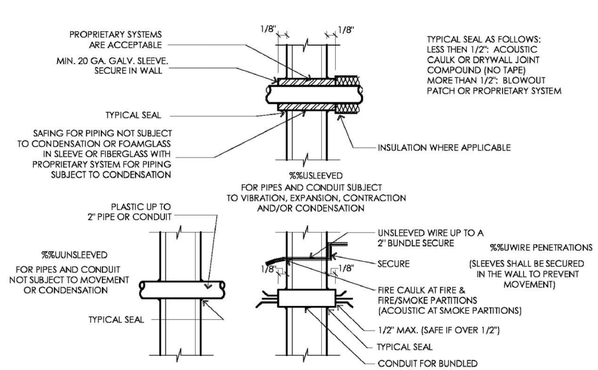
4. MINIMUM 5/8" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT

5. MINIMUM 1/2" BEAD HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT AT POINT OF CONTACT

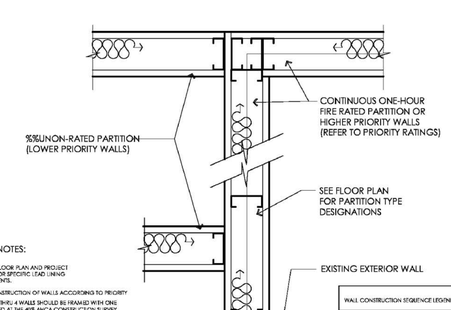


SECTION A-A

5 MULTIPLE METALLIC PIPES THROUGH GYPSUM WALL ASSEMBLY



1 SMOKE TIGHT PENETRATION DETAILS

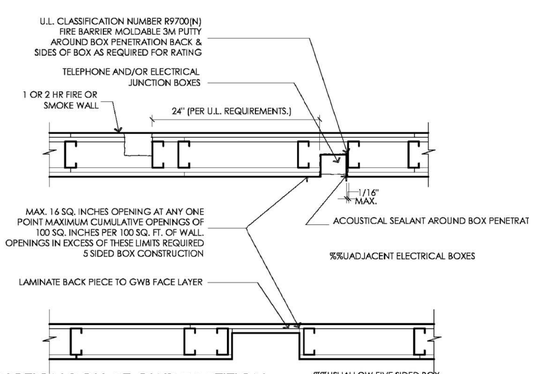


GENERAL NOTES:

1. REFER TO FLOOR PLAN AND PROJECT MANUAL FOR SPECIFIC LEAD LINING REQUIREMENTS.
%%U
1. SCHEDULE CONSTRUCTION OF WALLS ACCORDING TO PRIORITY
2. ALL PRIORITY 1 THRU 4 WALLS SHOULD BE FRAMED WITH ONE SIDE DRYWALLED AT THE 40% AHCA CONSTRUCTION SURVEY.
3. BOTH SIDES OF PRIORITY 1 THRU 4 WALLS SHALL BE SEALED AND STENCILED AT THE 80% AHCA CONSTRUCTION SURVEY.

WALL CONSTRUCTION SEQUENCE LEGEND	
TWO HOUR FIRE AND SMOKE WALL	PRIORITY 1 HIGHEST
TWO HOUR FIRE WALL	PRIORITY 2
TWO HOUR SHAFTWALL	
ONE HOUR FIRE AND SMOKE WALL	PRIORITY 3
ONE HOUR FIRE WALL	PRIORITY 4
SMOKE TIGHT PARTITION	PRIORITY 5
NON-RATED WALL	PRIORITY 6 LOWEST

4 LEGEND AND SAMPLE CONDITION WALL CONSTRUCTION SEQUENCE



7 JUNCTION BOX AT GWB PARTITION

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 0000000
REGISTERED ARCHITECT

This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
FIRE RATED ASSEMBLY PENETRATION DETAILS

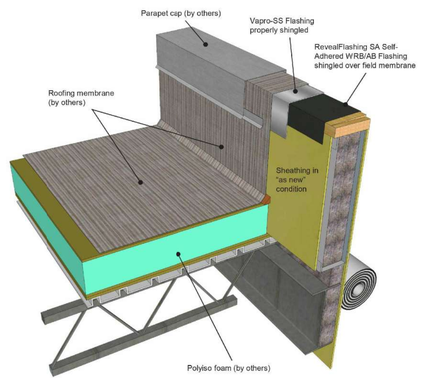
:ISSUE DATE:

:DRAWN BY:
DT

:SHEET NUMBER:
A0.04

VAPROSHIELD®
Breathable Membrane Systems for Roofs & Walls
www.VaproShield.com

Parapet (Inside View)



REVEALSHIELD SA™ SELF-ADHERED
VAPRO-SS FLASHING™

PRODUCT DESCRIPTION
RevealShield SA is a self-adhered, water resistive vapor permeable air barrier sheet membrane

Vapro-SS Flashing is a self-adhering metal flashing that offers best in class puncture and tear resistance.

DISCLAIMER
Detail sketch is generic, representing suggested best practices for VaproShield materials, and does not represent a specific job site condition and therefore may not be applicable to certain projects. Detail sketch is designed for use as a reference and must be approved by the designer/ consultant of record for each project prior to installation by the subcontractor. Changes and approvals of VaproShield details are the sole responsibility of the designer/consultant of record. VaproShield is not the designer of record for building enclosure details and takes no responsibility for the accuracy or interpretation of actual project site conditions.

DRAWN BY: AR DATE: 10/05/16

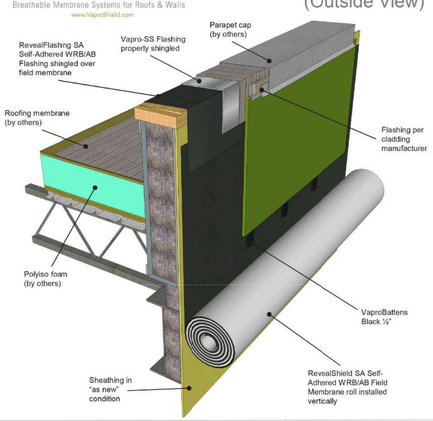
REF: 117-B Always check www.VaproShield.com for the latest details and installation instructions

VaproShield LLC | 915 28th Ave. N.W. Suite C5 | Gig Harbor, WA 98335 | Toll Free: 1.866.731.7663 | www.VaproShield.com | © VaproShield 3/15/2016
VaproShield Canada I 101-1001 West Broadway Suite 545 I Vancouver, B.C. V6H 4E4, Canada | Toll Free: 1.866.871.8263 | www.VaproShield.ca

8 VAPOR SHIELD DETAILS: AT FRONT WALL W/ SIDING ONLY

VAPROSHIELD®
Breathable Membrane Systems for Roofs & Walls
www.VaproShield.com

Parapet (Outside View)



REVEALSHIELD SA™ SELF-ADHERED
VAPRO-SS FLASHING™

PRODUCT DESCRIPTION
RevealShield SA is a self-adhered, water resistive vapor permeable air barrier sheet membrane

Vapro-SS Flashing is a self-adhering metal flashing that offers best in class puncture and tear resistance.

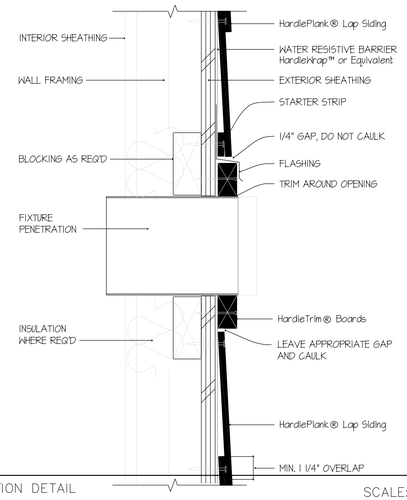
DISCLAIMER
Detail sketch is generic, representing suggested best practices for VaproShield materials, and does not represent a specific job site condition and therefore may not be applicable to certain projects. Detail sketch is designed for use as a reference and must be approved by the designer/ consultant of record for each project prior to installation by the subcontractor. Changes and approvals of VaproShield details are the sole responsibility of the designer/consultant of record. VaproShield is not the designer of record for building enclosure details and takes no responsibility for the accuracy or interpretation of actual project site conditions.

DRAWN BY: AR DATE: 10/05/16

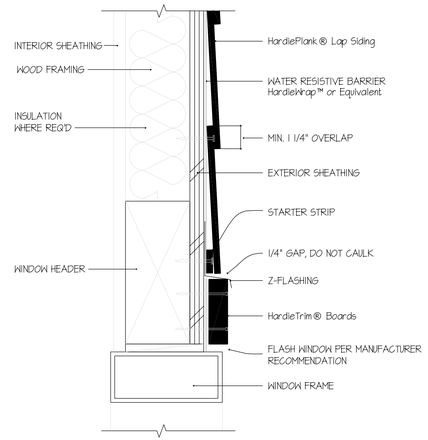
REF: 118-B Always check www.VaproShield.com for the latest details and installation instructions

VaproShield LLC | 915 28th Ave. N.W. Suite C5 | Gig Harbor, WA 98335 | Toll Free: 1.866.731.7663 | www.VaproShield.com | © VaproShield 3/15/2016
VaproShield Canada I 101-1001 West Broadway Suite 545 I Vancouver, B.C. V6H 4E4, Canada | Toll Free: 1.866.871.8263 | www.VaproShield.ca

7 VAPOR SHIELD DETAILS: AT FRONT WALL WITH SIDING ONLY

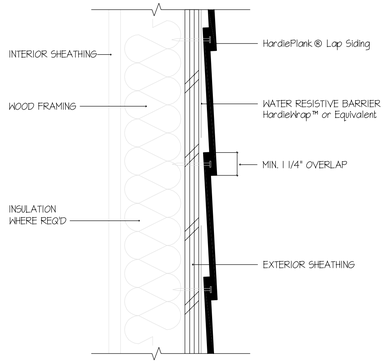


6 INTERIOR CORNER DETAIL SCALE: NTS

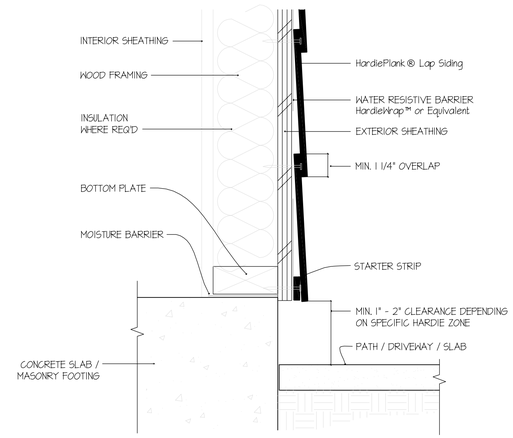


4 PENETRATION DETAIL SCALE: NTS

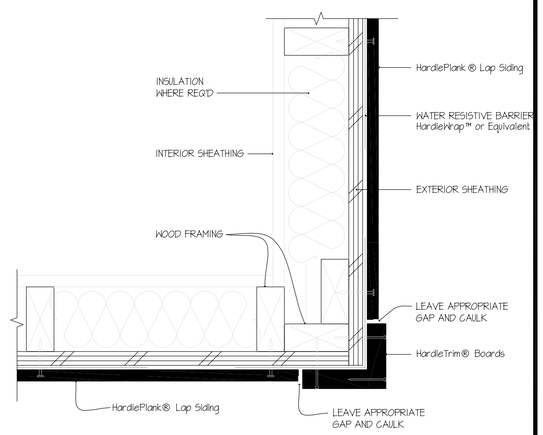
2 WINDOW/ DOOR HEAD DETAIL SCALE: NTS



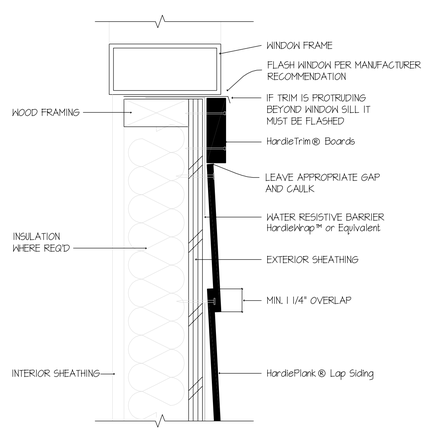
6 TYP. RUNNING COURSE DETAIL SCALE: NTS



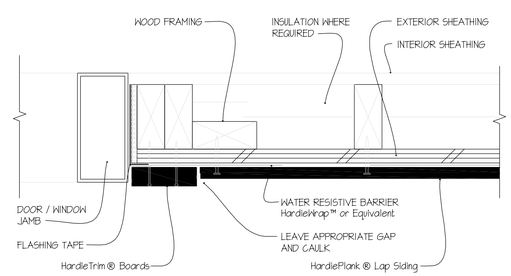
4 DETAIL AT GRADE SCALE: NTS



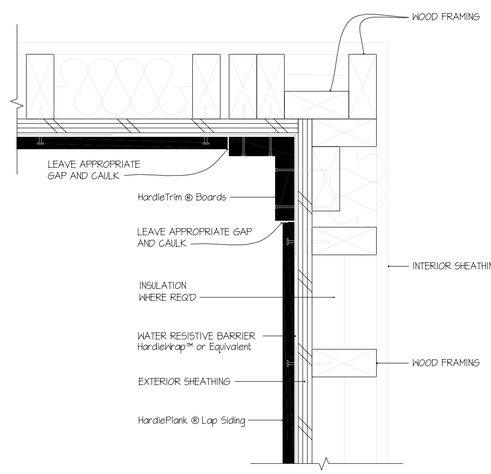
2 EXTERIOR CORNER DETAIL SCALE: NTS



5 WINDOW SILL DETAIL SCALE: NTS



3 WINDOW/ DOOR SIDE TRIM DETAIL SCALE: NTS



1 INTERIOR CORNER DETAIL SCALE: NTS

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 040401
REGISTERED ARCHITECT

This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
EXTERIOR MATERIALS TYP. INSTALLATION DETAILS

:ISSUE DATE:

:DRAWN BY:

:SHEET NUMBER:
A0.05

COMcheck Software Version COMcheckWeb
Envelope Compliance Certificate

Project Information

Energy Code:	2015 IECC
Project Title:	
Location:	Tallulah Falls, Georgia
Climate Zone:	4a
Project Type:	New Construction
Vertical Glazing / Wall Area:	8%
Construction Site: 6094 HWY. 441 SOUTH LAKEMONT, Georgia 30552	Owner/Agent: Designer/Contractor:

Building Area	Floor Area
1-Retail : Nonresidential	8500

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Roof: Attic Roof, Wood Joists, [Bldg. Use 1 - Retail]	8500	38.0	0.0	0.027	0.027
NORTH					
Ext. Wall: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Retail]	2904	20.0	0.0	0.064	0.064
Window: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID CTL ITA51, SHGC 0.16, [Bldg. Use 1 - Retail] (b)	60	---	---	0.270	0.380
Door: Insulated Metal, Swinging,[Bldg. Use 1 - Retail]	86	---	---	0.700	0.610
EAST					
Ext. Wall: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Retail]	806	20.0	0.0	0.064	0.064
Door: Glass (over 50% glazing): Nonmetal Frame, Non-Entrance Door, Perf. Specs.: Product ID CRL ITA51, SHGC 0.18, [Bldg. Use 1 - Retail] (b)	30	---	---	0.270	0.450
SOUTH					
Ext. Wall: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Retail]	2120	20.0	0.0	0.064	0.064
Window: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID CRL ITA51, SHGC 0.16, [Bldg. Use 1 - Retail] (b)	205	---	---	0.270	0.380
Door: Glass (over 50% glazing): Nonmetal Frame, Entrance Door, Perf. Specs.: Product ID CRL ITA51, SHGC 0.18, [Bldg. Use 1 - Retail] (b)	183	---	---	0.270	0.770
WEST					
Ext. Wall: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Retail]	806	20.0	0.0	0.064	0.064
Window: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID CRL ITA51, SHGC 0.16, [Bldg. Use 1 - Retail] (b)	60	---	---	0.270	0.380

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.

Envelope PASSES: Design 13% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2015 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Dasha Treinis, Architect — Treinis — 08.10.24
Name - Title — Signature — Date

COMcheck Software Version 4.0.8.1
Interior Lighting Compliance Certificate

Project Information

Energy Code:	2015 IECC
Project Title:	Wiley Market C Store/Whitebox Tenants
Project Type:	New Construction
Construction Site: 6094 HWY 441 S Lakemont, GA 30552	Owner/Agent: Designer/Contractor: Henry Lavatey, Henry Lavatey, PE, 101 Cypress Lane, Eatonton, GA 31024, 678-938-2383, hlavatey@yahoo.com

Additional Efficiency Package(s)

Reduced interior lighting power: Requirements are implicitly enforced within interior lighting allowance calculations.

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-corridor (Common Space Types:Corridor/Transition <8 ft wide)	117	0.59	69
2-storage (Common Space Types:Storage >=50 - <=1000 sq.ft.)	489	0.57	279
3-shopping area (Retail:Sales Area)	3144	1.43	4496
4-office (Common Space Types:Office - Enclosed)	45	1.00	45
5-restrooms (Common Space Types:Restrooms)	94	0.88	83
6-cashier area (Retail:Sales Area)	279	1.43	399
7-pantry (Common Space Types:Storage >=50 - <=1000 sq.ft.)	116	0.57	66
8-sunroom (Common Space Types:Dining Area - General)	405	0.59	239
9-whitebopes (Retail:Sales Area)	2403	1.43	3436
		Total Allowed Watts =	9112

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-corridor (Common Space Types:Corridor/Transition <8 ft wide)				
LED 1 LED Panel 40W	1	1	40	40
LED 9 LED A Lamp 8W	1	2	8	16
2-storage (Common Space Types:Storage >=50 - <=1000 sq.ft.)				
LED 2 LED Panel 54W	1	2	50	100
LED 10 LED Panel 54W	1	4	50	200
LED 11 LED Panel 40W	1	2	40	80
3-shopping area (Retail:Sales Area)				
LED 3 LED Other Fixture Unit 120W	1	10	150	1500
LED 4 LED A Lamp 8W	1	18	8	144
4-office (Common Space Types:Office - Enclosed)				
LED 6 LED Panel 40W	1	1	40	40
5-restrooms (Common Space Types:Restrooms)				
LED 7 LED A Lamp 29W	1	2	20	40
LED 10 LED A Lamp 8W	1	2	8	16
6-cashier area (Retail:Sales Area)				
LED 8 LED Panel 54W	1	3	50	150
7-pantry (Common Space Types:Storage >=50 - <=1000 sq.ft.)				
LED 12 LED A Lamp 8W	1	6	8	48
8-sunroom (Common Space Types:Dining Area - General)				
LED 13 LED A Lamp 8W	1	13	8	104
9-whitebopes (Retail:Sales Area)				
LED 14 LED Panel 40W	1	30	40	1200
		Total Proposed Watts =		3878

Interior Lighting PASSES: Design 60% better than code

Interior Lighting Compliance Statement

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 2015 IECC requirements in COMcheck Version 4.0.8.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Henry Lavatey, PE — 8/28/24
Name - Title — Signature — Date

GEORGIA REGISTERED PROFESSIONAL ENGINEER HENRY J. LAVATEY

COMcheck Software Version 4.0.8.1
Exterior Lighting Compliance Certificate

Project Information

Energy Code:	2015 IECC
Project Title:	Wiley Market C Store/Whitebox Tenants
Project Type:	New Construction
Exterior Lighting Zone:	2 (Neighborhood business district)
Construction Site: 6094 HWY 441 S Lakemont, GA 30552	Owner/Agent: Designer/Contractor: Henry Lavatey, Henry Lavatey, PE, 101 Cypress Lane, Eatonton, GA 31024, 678-938-2383, hlavatey@yahoo.com

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
exterior lighting (Illuminated area of facade wall or surface)	5497 ft2	0.1	No	550
			Total Tradable Watts (a) =	0
			Total Allowed Watts =	550
			Total Allowed Supplemental Watts (b) =	600

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A supplemental allowance equal to 600 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
exterior lighting (Illuminated area of facade wall or surface 5497 ft2): Non-tradable Wattage				
LED 1 LED Linear 11W	1	7	10	70
LED 2 LED A Lamp 8W	1	24	8	192
			Total Tradable Proposed Watts =	0

Exterior Lighting PASSES: Design 0.0% better than code

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.0.8.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Henry Lavatey, PE — 8/28/24
Name - Title — Signature — Date

GEORGIA REGISTERED PROFESSIONAL ENGINEER HENRY J. LAVATEY

COMcheck Software Version 4.0.8.1
Mechanical Compliance Certificate

Project Information

Energy Code:	2015 IECC
Project Title:	Wiley Market C Store/Whitebox Tenants
Location:	Clayton, Georgia
Climate Zone:	4a
Project Type:	New Construction
Construction Site: 6094 HWY 441 S Lakemont, GA 30552	Owner/Agent: Designer/Contractor: Henry Lavatey, Henry Lavatey, PE, 101 Cypress Lane, Eatonton, GA 31024, 678-938-2383, hlavatey@yahoo.com

Additional Efficiency Package(s)

Reduced interior lighting power: Requirements are implicitly enforced within interior lighting allowance calculations.

Mechanical Systems List

Quantity	System Type & Description
2	HVAC System 1 (Single Zone) Heating: 2 each - Central Furnace, Gas, Capacity = 80 kBtuh Proposed Efficiency = 94.00% Et, Required Efficiency = 80.0% Et Cooling: 2 each - Split System, Capacity = 36 kBtuh, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 14.00 SEER, Required Efficiency: 13.00 SEER Fan System: None
3	HVAC System 8 (Single Zone) Heating: 3 each - Central Furnace, Gas, Capacity = 80 kBtuh Proposed Efficiency = 94.00% Et, Required Efficiency = 80.0% Et Cooling: 3 each - Single Package DX Unit, Capacity = 60 kBtuh, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 14.00 SEER, Required Efficiency: 14.00 SEER Fan System: None
1	Water Heater 1 Gas Instantaneous Water Heater, Capacity: 0 gallons, Input Rating: 75 kBtuh Proposed Efficiency: 81.00 EF, Required Efficiency: 0.62 EF

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.0.8.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Henry Lavatey, PE — 8/28/24
Name - Title — Signature — Date

GEORGIA REGISTERED PROFESSIONAL ENGINEER HENRY J. LAVATEY

COMcheck Software Version 4.0.8.1
Inspection Checklist

Energy Code: 2015 IECC

Requirements: 0.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR2]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the mechanical systems and equipment and document where exceptions to the standard are claimed. Load calculations per acceptable engineering standards and handbooks.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C103.2 [PR3]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the service water heating systems and equipment and document where exceptions to the standard are claimed. Hot water system sized per manufacturer's sizing guide.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C103.2 [PR4]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C103.2 [PR5]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include exterior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C406 [PR9]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C402.2.6. [FO12]f	Radiant heating systems panels insulated to >=R-3.5 on face opposite space being heated.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C403.2.4.5. C403.2.4.6 [FO5]f	Snow/ice melting system sensors for future connection to controls. Freeze protection systems have automatic controls installed.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Plumbing Rough-In Inspection	Complies?	Comments/Assumptions
C404.5. C404.5.1. C404.5.2 [PL5]f	Heated water supply piping conforms to pipe length and volume requirements. Refer to section details.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.5. C404.5.1. C404.5.2 [PL5]f	Heated water supply piping conforms to pipe length and volume requirements. Refer to section details.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.5. C404.5.1. C404.5.2 [PL5]f	Heated water supply piping conforms to pipe length and volume requirements. Refer to section details.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.6.3 [PL7]f	Pumps that circulate water between a heater and storage tank have controls that limit operation from startup to <= 5 minutes after end of heating cycle.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.6.3 [PL7]f	Pumps that circulate water between a heater and storage tank have controls that limit operation from startup to <= 5 minutes after end of heating cycle.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.6.3 [PL7]f	Pumps that circulate water between a heater and storage tank have controls that limit operation from startup to <= 5 minutes after end of heating cycle.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.7 [PL8]f	Water distribution system that pumps water from a heated-water supply pipe back to the heater/water source through a cold-water supply pipe is a demand recirculation water system. Pumps within this system have controls that start the pump upon receiving a signal from the action of a user of a fixture or appliance and limits the temperature of the water entering the cold-water piping to 104°F.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.7 [PL8]f	Water distribution system that pumps water from a heated-water supply pipe back to the heater/water source through a cold-water supply pipe is a demand recirculation water system. Pumps within this system have controls that start the pump upon receiving a signal from the action of a user of a fixture or appliance and limits the temperature of the water entering the cold-water piping to 104°F.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Plumbing Rough-In Inspection	Complies?	Comments/Assumptions
C404.7 [PL8]f	Water distribution system that pumps water from a heated-water supply pipe back to the heater/water source through a cold-water supply pipe is a demand recirculation water system. Pumps within this system have controls that start the pump upon receiving a signal from the action of a user of a fixture or appliance and limits the temperature of the water entering the cold-water piping to 104°F.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C402.2.6. [ME41]f	Thermally ineffective panel surfaces of sensible heating panels have insulation >= R-3.5.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.12.1 [ME65]f	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Mechanical Systems list for values.*
C403.2.12.1 [ME65]f	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Mechanical Systems list for values.*
C403.2.12.3 [ME117]f	Fans have efficiency grade (FEG) >= 67. The total efficiency of the fan at the design point of operation <= 15% of maximum total efficiency of the fan.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.12.3 [ME117]f	Fans have efficiency grade (FEG) >= 67. The total efficiency of the fan at the design point of operation <= 15% of maximum total efficiency of the fan.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.13 [ME71]f	Unenclosed spaces that are heated use only radiant heat.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.3 [ME55]f	HVAC equipment efficiency verified.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Mechanical Systems list for values.*
C403.2.6.1 [ME59]f	Demand control ventilation provided for spaces >500 ft2 and >25 people/1000 ft2 occupant density and served by systems with air side economizer, auto modulating outside air damper control, or design airflow >3,000 cfm.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.6.2 [ME115]f	Enclosed parking garage ventilation has automatic contaminant detection and capacity to stage or modulate fans to 50% or less of design capacity.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.7 [ME57]f	Exhaust air energy recovery on systems meeting Table C403.2.7(1) and C403.2.7(2).	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.8 [ME116]f	Kitchen exhaust systems comply with replacement air and conditioned supply air limitations, and solidly hood rating requirements and maximum exhaust rate criteria.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.9 [ME60]f	HVAC ducts and plenums insulated. Where ducts or plenums are installed in or under a slab, verification may need to occur during Foundation Inspection.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.2.6. [ME60]f	HVAC ducts and plenums insulated. Where ducts or plenums are installed in or under a slab, verification may need to occur during Foundation Inspection.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.1 [EL15]f	Lighting controls installed to uniformly reduce the lighting load by at least 50%.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.1 [EL18]f	Occupancy sensors installed in required spaces.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.1. C405.2.2. 3 [EL23]f	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.2. 1 [EL22]f	Automatic controls to shut off all building lighting installed in all buildings.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.3 [EL16]f	Daylight zones provided with individual controls that control the lights independent of general area lighting.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.3. C405.2.3. 1. C405.2.3. 2 [EL20]f	Primary sidelighted areas are equipped with required lighting controls.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.3. C405.2.3. 1. C405.2.3. 3 [EL21]f	Enclosed spaces with daylight area under skylights and rooftop monitors are equipped with required lighting controls.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.4 [EL4]f	Separate lighting control devices for specific uses installed per approved lighting plans.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.4 [EL8]f	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.5 [EL25]f-f	Automatic lighting controls for exterior lighting installed. Controls will be daylight operation, time based, or combination thereof. Reduce, or reduce connected lighting > 30%.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.3 [EL6]f	Exit signs do not exceed 5 watts per face.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3. C408.2.5. 1 [FI8]f	Furnished O&M/instructions for systems and equipment to the building owner or designated representative.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C303.3. C408.2.5. 1 [FI8]f	Furnished O&M/manuals for HVAC systems within 30 days of system acceptance.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.2 [FI27]f	HVAC systems and equipment capacity does not exceed calculated loads.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.4. 1 [FI47]f	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.4. 1 [FI47]f	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.4. 1.2 [FI38]f	Thermostatic controls have a 5 °F deadband.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.4. 1.3 [FI20]f	Temperature controls have setpoint overlap restrictions.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.4. 2 [FI39]f	Each zone equipped with setback controls using automatic time clock or programmable control system.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.4. 2.1. C403.2.4. 2.2 [FI40]f	Automatic Controls: Setback to 55°F (heat) and 85°F (cool); 7-day clock; 2-hour occupant override; 10-hour backup	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.3 [FI11]f	Heat traps installed on supply and discharge piping of non-circulating systems.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.4 [FI25]f	All piping insulated in accordance with section details and Table C403.2.10.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C405.4 [FI18]f	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Interior Lighting fixture schedule for values.*
C405.5.1 [FI19]f	Exterior lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Exterior Lighting fixture schedule for values.*
C408.2.1 [FI28]f	Commissioning plan developed by registered design professional or approved agency.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.3. 1 [FI31]f	HVAC equipment has been tested to ensure proper operation.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.3. 2 [FI10]f	HVAC control systems have been tested to ensure proper operation, calibration and adjustment of controls.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.4 [FI29]f	Preliminary commissioning report completed and certified by registered design professional or approved agency.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.5. 1 [FI7]f	Furnished HVAC as-built drawings submitted within 90 days of system acceptance.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.5. 1 [FI16]f	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.5. 3 [FI43]f	An air and/or hydronic system balancing report is provided for HVAC systems.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.5. 4 [FI30]f	Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.3 [FI13]f	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

TREINIS ARCHITECTURE

PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA — DARIA TREINIS — CERTIFICATE NO. 040480 — REGISTERED ARCHITECT

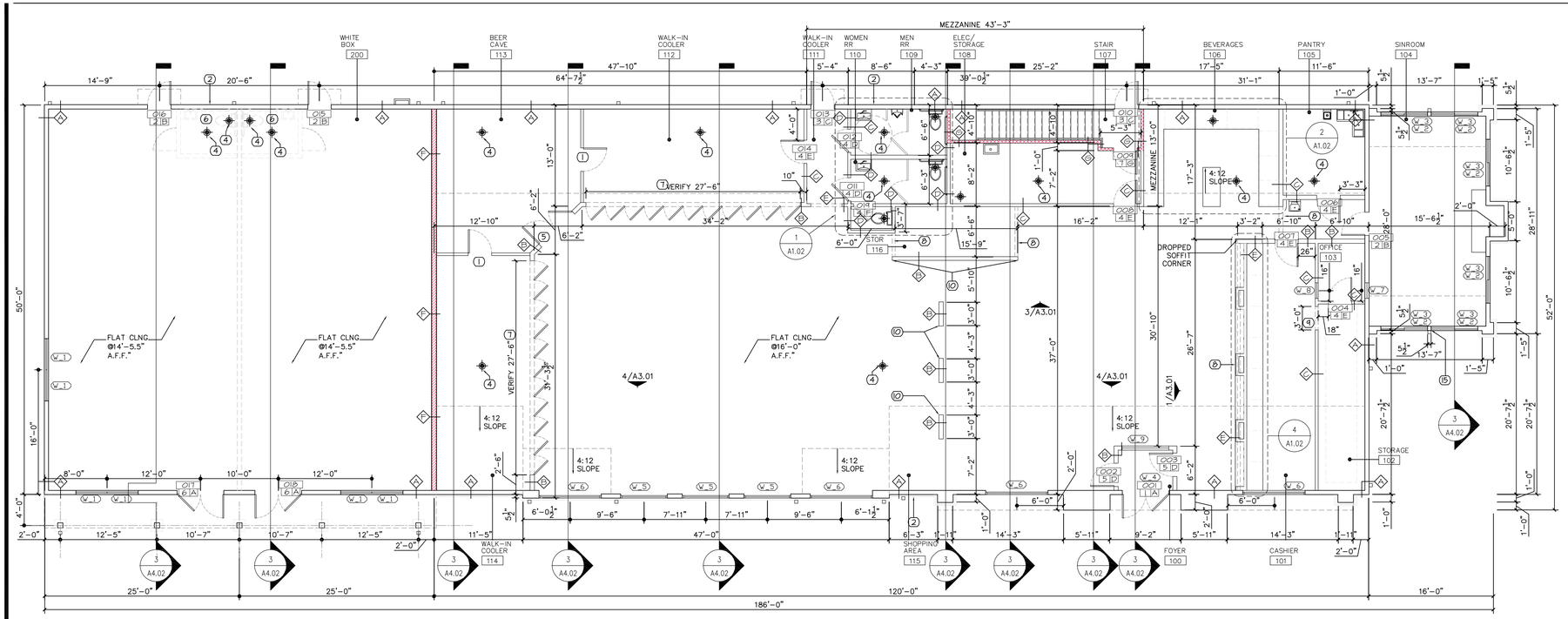
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
COMCHECK

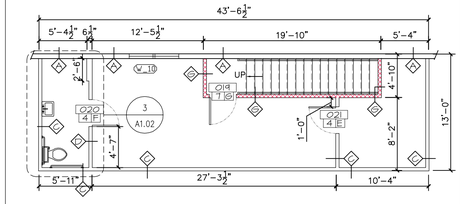
:ISSUE DATE:

:DRAWN BY:

:SHEET NUMBER:
A0.06



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



2 MEZZANINE PLAN SCALE: 1/8"=1'-0"

FRAMING GENERAL NOTES:

1. CONTRACTOR TO NOTIFY DESIGNER OF ANY DISCREPANCIES BETWEEN DRAWINGS AND ACTUAL FIELD DIMENSIONS PRIOR TO CONSTRUCTION.
2. WALLS ARE LAID OUT AT 90 DEGREE ANGLES U.N.O.
3. ALL WALLS HEIGHT AS SPECIFIED IN PARTITION LEGEND
4. INSIDE FACE OF DOOR FRAMES TO BEGIN 4" FROM WALL U.N.O.
5. PROVIDE WOOD BLOCKING IN ALL WALLS DESIGNATED TO RECEIVE WALL SUPPORTED MILLWORK OR SHELVING.
6. WHEN APPLICABLE: PATCH AND REPAIR EXISTING WALLS AS REQUIRED TO PREPARE WALLS FOR NEW FINISHES.
7. DIMENSIONS ARE IN INCHES AND FEET UNLESS OTHERWISE INDICATED.
8. DO NOT SCALE DRAWINGS; USE DIMENSIONS ONLY.
9. DIMENSIONS ON PLANS ARE TO FACE OF WALL STUDS,/ CONCRETE, CMU OR TO THE CENTER OF STRUCTURAL GRIDS, UNLESS OTHERWISE NOTED.
12. ALL INTERIOR PARTITIONS ARE DIMENSIONED TO FACE OF STUD, UNLESS OTHERWISE NOTED.
13. SEAL ALL PENETRATIONS THROUGH FULL HEIGHT PARTITIONS. FIRE STOP ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS.
14. PROVIDE FIRE DAMPERS AS REQUIRED FOR ALL PENETRATIONS THROUGH FIRE RATED WALLS AND CEILING WHERE APPLICABLE.
18. ALL DOOR & WINDOW DIMENSIONS ARE SHOWN AS NOMINAL. VERIFY WITH WINDOW/ DOOR SUPPLIER EXACT OPENING DIMENSIONS FOR ALL RUFF OPENINGS.
23. FOAM PLASTIC AND FOAM PLASTIC CORES OF MANUFACTURED ASSEMBLIES SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 75 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 450 AND THAT FOAM PLASTIC SHALL BE SEPARATED FROM THE INTERIOR OF A BUILDING BY AN APPROVED THERMAL BARRIER OF 1/2 GYPSUM WALLBOARD OR A MATERIAL THAT IS TESTED IN ACCORDANCE WITH NFPA 275.
24. REFERENCE PARTITION SCHEDULE FOR WALL TYPES AND DETAILS.
25. NEW CONSTRUCTION TO CONFORM TO ALL APPLICABLE CODES IN GA, INCLUDING 2010 ADA CODE.
26. ALL PARTITIONS TO BE PARALLEL OR PERPENDICULAR TO EXTERIOR PERIMETER OF WALL, U.N.O.
27. ALL DOORS AND FRAMES ARE TO BE 3" FROM ADJACENT PARTITION, U.N.O.
28. ALL DOORS AND WINDOWS SHOULD MEET THE STC RATING OF THE WALLS IN WHICH THEY ARE LOCATED.
29. PROVIDE WOOD BLOCKING IN ALL PARTITIONS RECEIVING MILLWORK.
30. WHERE APPLICABLE- PROVIDE HORIZONTAL WOOD BLOCKING IN WALLS AT SHOWER SEAT AND GRAB BARS LOCATIONS AS REQUIRED.
31. ALL EXTERIOR DOORS AND WINDOWS TO HAVE LOW "E" GLASS. ALL GLASS TO BE TEMPERED.
32. UNLESS OTHERWISE NOTED: PROVIDE R-19 INSULATION IN ALL EXTERIOR WALLS. FLAME SPREAD INDEX 25 OR LESS & SMOKE DEVELOPED INDEX 450 OR LESS FOR EXPOSED CONDITIONS ASTM E 84. REF. COMCHECK FOR ORE INFORMATION.
33. WHERE APPLICABLE-PROVIDE R-38 INSULATION IN THE ATTIC. FLAME SPREAD INDEX 25 OR LESS & SMOKE DEVELOPED INDEX 450 OR LESS FOR EXPOSED CONDITIONS ASTM E 84. REF. COMCHECK FOR ORE INFORMATION.
24. PROVIDE CONTROL AND EXPANSION JOINTS IN MASONRY WALLS. REF. EXTERIOR ELEVATIONS FOR LOCATIONS.
25. PROVIDE FIRE BLOCKING IN COMBUSTIBLE CONCEALED LOCATIONS HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET PER 718.2.2(2).TO SEAL OFF BOTH HORIZONTAL & VERTICAL DRAFT OPENINGS AND FORM AND AFFECTIVE BARRIER BETWEEN FLOORS AND BETWEEN FLOOR AND ROOF OR ATTIC SPACE. PROVIDE FIRE BLOCKING IN CONCEALED STUD WALL AND PARTITION SPACES (INCLUDING FURRED AREAS) AT THE CEILING AND FLOOR LEVELS AND AT VERTICAL AND HORIZONTAL SPACES SUCH AS FLOOR/ WALL AND CEILING/ WALL INTERFACE , AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS, AND FIREPLACES AT CEILING AND FLOOR LEVELS, AND AT CONCEALED SPACES OF EXTERIOR WALL FINISH AND OTHER EXTERIOR ARCHITECTURAL ELEMENTS.
26. U-FACTOR FOR FRAMING MATERIAL: 0.65; ALL EXTERIOR WINDOW & DOOR FENESTRATION TO HAVE SHGC: 0.40 (PF EXTERIOR DOOR= 0.178, PF EXTERIOR WINDOW: .02)
27. ALL CABINETS TO HAVE SELF-CLOSING HINGES. REF. FINISH PLAN FOR DECORATIVE CABINETS HARDWARE.
25. ALL PUBLIC RESTROOMS TO HAVE SOUNDS BATTS IN WALLS ON ALL SIDES ADJOINING COMMON AREAS
26. COOLER AND FREEZER WALL AND EXTERIOR WALL INSTALLATION MUST MEET REQUIREMENTS OF IBC SECTION 2603.4.1

PARTITION PLAN SYMBOLS

SYMB	DESCRIPTION
4	EXTERIOR, NON-RATED, 2X6 WOOD STUDS @16" O.C. WALL WITH EXTERIOR 1/2" SHEATHING ON EXTERIOR SIDE AND 1/2" SHEETROCK TO UNDER SIDE OF UPPER ROOF CHORD ON ANOTHER. PROVIDE R-13 BATT OR FOAM INSULATION AS REQUIRED BY CODE. REF. EXTERIOR ELEVATIONS FOR EXTERIOR FINISHING MATERIAL
4	INTERIOR, NON-RATED, 2X6 WOOD STUDS @16" O.C. TO BOTTOM CHORD OF ROOF TRUSS. WITH 1/2" GYP. BD ON BOTH SIDES FULL HEIGHT OF THE WALL. REF. 1/A7.06
4	INTERIOR, NON-RATED, 2X4 WOOD STUDS @16" O.C. TO TO BOTTOM CHORD OF ROOF TRUSS; WITH 1/2" GYP. BD ON BOTH SIDES UP TO 6' ABOVE DROPPED CEILING. REF. 2/A7.06
4	INTERIOR, NON-RATED, 2X4 WOOD STUDS @16" O.C. TO BOTTOM CHORD OF ROOF TRUSS; WITH 1/2" GYP. BD ON BOTH SIDES TO 6' ABOVE DROPPED CEILING. PROVIDE MIN. 3" SOUND INSULATION BATTS THE FULL HEIGHT OF THE WALL. REF. 3/A7.06
4	INTERIOR, NON-RATED, 34" HIGH INTERIOR 2X4 WOOD STUDS @16" O.C. WITH 1/2" GYP. BD ON BOTH SIDES. THE WALL TO BE UNDER 60" HIGH- NO ADDITIONAL BRACING IS REQUIRED. REF. 4/A7.06
U379 4	INTERIOR, 2-HOUR RATED, 2X6 WOOD STUDS @16" O.C. TO BOTTOM CHORD OF ROOF TRUSS; WITH TWO LAYERS OF TYPE "X" 5/8" GYP. BD ON BOTH SIDES FULL HEIGHT OF THE WALL; AND 3" SOUND BATTS. REF. 1/A0.03
8XUV 4	INTERIOR, 1-HOUR RATED, 2X6 WOOD STUDS @16" O.C. TO BOTTOM CHORD OF ROOF TRUSS; WITH ONE LAYER OF TYPE "X" 5/8" GYP. BD ON BOTH SIDES FULL HEIGHT OF THE WALL; AND 3" SOUND BATTS. REF. 2/A0.03

2603.4.1.3 Walk-in Coolers
In non-sprinklered buildings, foam plastic having a thickness that does not exceed 4 inches (102 mm) and a maximum flame spread index of 75 is permitted in walk-in coolers or freezer units where the aggregate floor area does not exceed 400 square feet (37 m2) and the foam plastic is covered by a metal facing not less than 0.032-inch-thick (0.81 mm) aluminum or corrosion-resistant steel having a minimum base metal thickness of 0.016 inch (0.41 mm). A thickness of up to 10 inches (254 mm) is permitted where protected by a thermal barrier.

WALK-IN COOLERS #102, 103 & 104 TO COMPLY WITH THE REQUIREMENTS OF THE 2015 IECC SECTION C403.2.16 FOR ENERGY CONSERVATION.

FLOOR PLAN KEY NOTES:

1. THIS DOOR AND/OR WALL TO BE PART OF WALKING COOLER SYSTEM. BY OTHERS.
2. PROVIDE HOSE BIB ABOVE STONE WATER TABLE AT THIS LOCATION. VERIFY MOUNTING HEIGHT WITH OWNER
3. 60" WIDE 12:12 SHED ROOF WITH STANDING SEAM ROOFING ABOVE DOOR. REF. SECTION 1/A4.01 FOR MORE INFORMATION
4. PROVIDE FLOOR DRAIN AT THIS LOCATION. REF. 3/A1.01 FOR EXACT LOCATION. REF. PLUMBING DRAWINGS FOR MORE INFORMATION
5. (2) 36"X80" BEER CAVE DOOR BY COOLER DOOR SUPPLIER
6. PROVIDE FUTURE TOILET & SINK SEWER CONNECTION AT THIS LOCATION
7. GC TO PROVIDE OPENING FOR BEVERAGE COOLER DOORS. VERIFY EXACT WIDTH AND HEIGHT WITH OWNER. PROVIDE BEAM ABOVE PER STRUCTURAL DRAWINGS.
8. DROPPED HEADER @8'-6" A.F.F.. REF. 5/A7.06 FOR DETAIL.
9. 36"X80" CASED OPENING WITH 1X4 FRAME TO MATCH DOORS
10. REF. 2/A3.01 FOR WALL ELEVATION

TYP. DOOR SYMB.
1000 DOOR NUMBER
DOOR TYPE 1A HARDWARE TYPE

DOOR HARDWARE

TYPE	DESCRIPTION
A	EXTERIOR: 3 PAIR HINGES; 2 FLOOR STOPS, 6 SILENCERS, 2 CLOSER AND COORDINATOR FOR DOUBLE DOOR; PULL AND PUSH PLATE, DEAD-BOLT LOCK. VERIFY SPECS FOR POSSIBLE KEYPAD OR CARD READER WITH THE OWNER
B	EXTERIOR: 1.5 PAIR HINGES; 1 FLOOR STOP, 3 SILENCERS, CLOSER, PULL AND PUSH PLATE, DEAD-BOLT LOCK
C	EXTERIOR: 1.5 PAIR BUTT HINGES; 1 FLOOR STOP, 3 SILENCERS, PANIC BAR WITH KEY PAD LOCK, CLOSER
D	INTERIOR: 1.5 PAIR HINGES; 1 FLOOR STOP, 3 SILENCERS, CLOSER, PULL AND PUSH PLATE
E	INTERIOR: 1.5 PAIR BUTT HINGES; 1 FLOOR STOP, 3 SILENCERS, STORAGE FUNCTION LEVER SET
F	INTERIOR: 1.5 PAIR BUTT HINGES; 1 FLOOR STOP, 3 SILENCERS, PRIVACY FUNCTION LEVER SET
G	INTERIOR: 1.5 PAIR BUTT HINGES; 1 FLOOR STOP, 3 SILENCERS, PASSAGE FUNCTION LEVER SET, CLOSER

DOOR TYPES

TYPE	DESCRIPTION
1	EXTERIOR (2) 3'-0"x8'-0" DOUBLE MAHOGANY WOOD DOOR WITH GLASS, MAHOGANY CASING. 1X4 INTERIOR TRIM. REF. ELEVATIONS FOR MORE INFORMATION
2	EXTERIOR (1) 3'-0"x8'-0" SINGLE MAHOGANY WOOD DOOR WITH PARTIAL GLASS, MAHOGANY CASING. 1X4 INTERIOR TRIM. REF. ELEVATIONS FOR MORE INFORMATION
3	EXTERIOR (1) 3'-0"x7'-0" SINGLE METAL INSULATED DOOR, PAINTED E_PT-2 IN 2" HOLLOW METAL FRAME. REF. ELEVATIONS FOR MORE INFORMATION
4	INTERIOR (1) 3'-0"x6'-8" SINGLE, SOLID CORE WOOD DOOR, SINGLE PANEL, PAINT GRADE, IN WOOD CASING. USE 1X4 FOR FINISHING TRIM
5	INTERIOR (1) 3'-0"x6'-8" SINGLE, SOLID CORE WOOD DOOR, WITH PARTIAL GLASS, STAIN GRADE, IN WOOD CASING. USE 1X4 FOR FINISHING TRIM
6	EXTERIOR (2) 3'-0"x8'-0" DOUBLE WOOD OR FIBERGLASS DOOR WITH PARTIAL GLASS & 24" HIGH TRANSOM, PAINTED E_PT-5. 1X4 INTERIOR TRIM. REF. ELEVATIONS FOR MORE INFORMATION
7	INTERIOR 20 MIN FIRE RATED (1) 3'-0"x6'-8" SINGLE, SOLID CORE WOOD DOOR, SINGLE PANEL, PAINT GRADE, IN WOOD CASING. USE 1X4 FOR FINISHING TRIM

WINDOW TYPES

STOREFRONT WINDOWS TO BE. CRL ALUMINUM, IT451 STOREFRONT SYSTEM, 1/4" SUNGUARD SNX 62/27 CLEAR OR EQ.

TYPE	DESCRIPTION
W_1	VINYL WINDOW: 4'-0"W X 7'-0"H FIXED TEMPERED DOUBLE PANE LOW "E" GLASS, DARK BROWN FINISH. INTERIOR 1X4 TRIM; EXTERIOR CASING AS SHOWN ON ELEVATIONS
W_2	VINYL WINDOW: 6'-0"W X 6'-0"H HORIZONTAL SLIDING, TEMPERED DOUBLE PANE LOW "E" GLASS, DARK BROWN FINISH. INTERIOR 1X4 TRIM; EXTERIOR CASING AS SHOWN ON ELEVATIONS
W_3	VINYL WINDOW: 6'-0"W X 2'-0"H TRANSOM, TEMPERED DOUBLE PANE LOW "E" GLASS, DARK BROWN FINISH. INTERIOR 1X4 TRIM; EXTERIOR CASING AS SHOWN ON ELEVATIONS
W_4	STOREFRONT: 6'-0"W X 5'-0"H THERMALLY BROKEN STOREFRONT WINDOW WITH 2" WIDE FRAME. DARK BRONZE COLOR. MANUFACTURER TBD.
W_5	STOREFRONT: 6'-0"W X 11'-6"H (WITH INTERMEDIATE MOLDING- REF. ELEVATIONS) THERMALLY BROKEN STOREFRONT WINDOW WITH 2" WIDE FRAME. DARK BRONZE COLOR. MANUFACTURER TBD.
W_6	STOREFRONT: 8'-0"W X 7'-0"H THERMALLY BROKEN STOREFRONT WINDOW WITH 2" WIDE FRAME. DARK BRONZE COLOR. MANUFACTURER TBD.
W_7	STOREFRONT: 2'-0"W X 4'-0"H THERMALLY BROKEN STOREFRONT WINDOW WITH 2" WIDE FRAME. DARK BRONZE COLOR. MANUFACTURER TBD.
W_8	STOREFRONT: 2'-0"W X 4'-0"H NON-INSULATED STOREFRONT WINDOW WITH 2" WIDE FRAME. DARK BRONZE COLOR. MANUFACTURER TBD.
W_9	STOREFRONT: 6'-0"W X 4'-0"H NON-INSULATED STOREFRONT WINDOW WITH 2" WIDE FRAME. DARK BRONZE COLOR. MANUFACTURER TBD. TOP TO ALIGN WITH WINDOW ABOVE FRONT DOOR
W_10	VINYL WINDOW: (2) 2'-8"W X 5'-0"H SINGLE- HUNG, DOUBLE PANE LOW "E" GLASS, DARK BROWN FINISH. INTERIOR 1X4 TRIM; EXTERIOR CASING AS SHOWN ON ELEVATIONS

GENERAL GLAZING SAFETY NOTE:
- 2018 IBC SECTION 2406.4: ALL GLAZING USED IN STOREFRONT WINDOWS AND DOORS TO BE CLEAR GLASS, TEMPERED TYPE, INSULATED, LOW "E"

TYP HINGES:	DELTANA, 4" X 4" SQUARE HINGES, BALL BEARINGS, D5B4B10B (OIL RUBBED BRONZE COLOR)
CLOSER:	DELTANA, DC10 DOOR CLOSER, DC10-DURO, MAXIMUM LOAD: 140 LBS. PROVIDE COORDINATOR FOR DOUBLE DOOR
TYP DOOR STOP:	SIGNATURE HARDWARE, SOLID BRASS DOME DOORSTOP - ANTIQUE BRASS, SKU 248611 (OIL RUBBED BRONZE COLOR)
PASSAGE HARDWARE:	DELTANA, COMM. PASSAGE STANDARD GR2, CURVED W/ CYL. CL6010VC-10B (OILED RUBBED BRONZE)
PRIVACY HARDWARE:	DELTANA, COMM. PRIVACY STANDARD GR2, CURVED W/ CYLINDER, CL6020VC-10B (OILED RUBBED BRONZE)
STORAGE HARDWARE:	DELTANA, COMM. STOREROOM STANDARD GR2, CURVED W/ CY, CL6040VC-10B (OILED RUBBED BRONZE)
PULL/ PUSH PLATE:	SIGNATURE HARDWARE, HEAVY DUTY BRASS PIPE PULL, BLACK FINISH ITEM 474106, BUTTERFLY ROUGH IRON PUSH PLATE - BLACK PONDER COAT SKU 248076
FRONT DOOR LOCK:	DELTANA, SINGLE DEADBOLT GR2 W/ 2-3/4" BACKSET, CL2001A-10B (OILED RUBBED BRONZE)
PANIC BAR WITH KEYPAD:	HARNEY, PANIC EXIT DEVICE, UL PANIC RATED, ANSI 1, 32 IN. WIDE PRODUCT #: PES50036PPB WITH PANIC EXIT DEVICE STOREROOM / KEYED FUNCTION MECHANICAL KEYLESS LEVER TRIM PRODUCT #: PELMK 1 FINISH: SATIN CHROME

3 PARTITION PLAN LEGEND SCALE: 3/8"=1'-0"

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 0001000
REGISTERED ARCHITECT

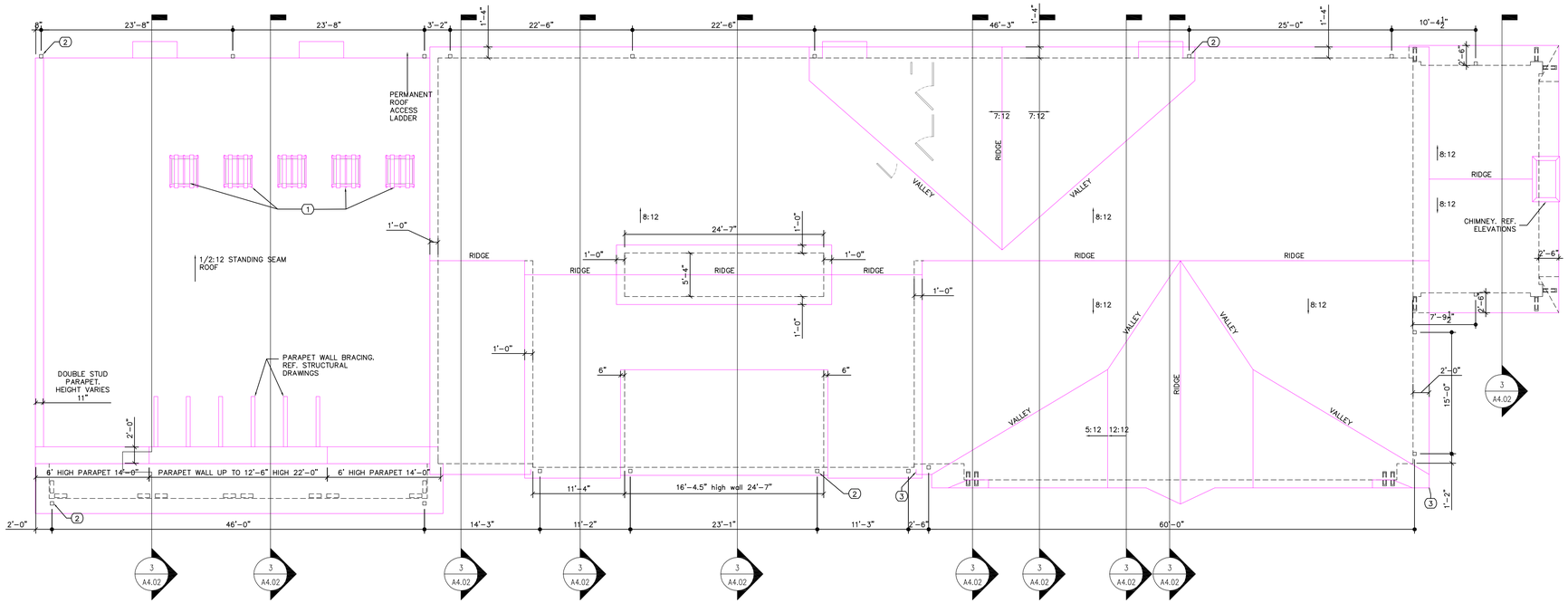
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
PARTITION PLAN, ENLARGED PLANS

:ISSUE DATE:

:DRAWN BY:
DT

:SHEET NUMBER:
A1.00



ROOF PLAN KEY NOTES:

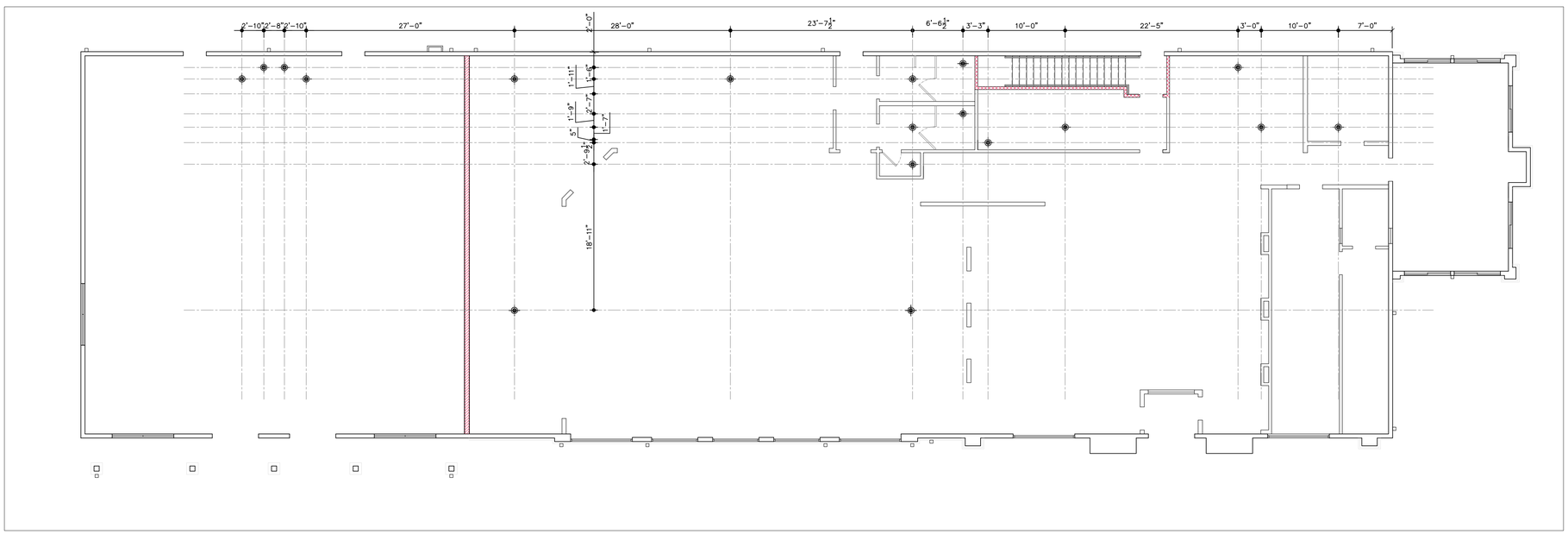
1. ROOF CURB SYSTEMS, FAST-RAC± CURB-LESS ROOF PLATFORM SYSTEM FOR CONDENSER UNIT
2. 5X5 SQUARE DOWNSPOUT, COLOR TO MATCH PT-2. REF A4.00 FOR COLOR SPECS
3. PROVIDE GUTTER SPLASH GUARD AT THIS LOCATION. COLOR- DARK BRONZE OR BLACK

1 ROOF PLAN — SCALE: /8"=1'-0"

FRAMING GENERAL NOTES:

1. CONTRACTOR TO NOTIFY DESIGNER OF ANY DISCREPANCIES BETWEEN DRAWINGS AND ACTUAL FIELD DIMENSIONS PRIOR TO CONSTRUCTION.
2. WALLS ARE LAID OUT AT 90 DEGREE ANGLES U.N.O.
3. ALL WALLS HEIGHT AS SPECIFIED IN PARTITION LEGEND
4. INSIDE FACE OF DOOR FRAMES TO BEGIN 4" FROM WALL U.N.O.
5. PROVIDE WOOD BLOCKING IN ALL WALLS DESIGNATED TO RECEIVE WALL SUPPORTED MILLWORK OR SHELVING.
6. WHEN APPLICABLE: PATCH AND REPAIR EXISTING WALLS AS REQUIRED TO PREPARE WALLS FOR NEW FINISHES.
7. DIMENSIONS ARE IN INCHES AND FEET UNLESS OTHERWISE INDICATED.
8. DO NOT SCALE DRAWINGS, USE DIMENSIONS ONLY.
9. DIMENSIONS ON PLANS ARE TO FACE OF WALL STUDS,/ CONCRETE, CMU OR TO THE CENTER OF STRUCTURAL GRIDS, UNLESS OTHERWISE NOTED.
12. ALL INTERIOR PARTITIONS ARE DIMENSIONED TO FACE OF STUD, UNLESS OTHERWISE NOTED.
13. SEAL ALL PENETRATIONS THROUGH FULL HEIGHT PARTITIONS. FIRE STOP ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS.
14. PROVIDE FIRE DAMPERS AS REQUIRED FOR ALL PENETRATIONS THROUGH FIRE RATED WALLS AND CEILING WHERE APPLICABLE.
18. ALL DOOR & WINDOW DIMENSIONS ARE SHOWN AS NOMINAL. VERIFY WITH WINDOW/ DOOR SUPPLIER EXACT OPENING DIMENSIONS FOR ALL RUFF OPENINGS.
23. FOAM PLASTIC AND FOAM PLASTIC CORES OF MANUFACTURED ASSEMBLIES SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 75 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 450 AND THAT FOAM PLASTIC SHALL BE SEPARATED FROM THE INTERIOR OF A BUILDING BY AN APPROVED THERMAL BARRIER OF 1/2 GYPSUM WALLBOARD OR A MATERIAL THAT IS TESTED IN ACCORDANCE WITH NFPA 275.
24. REFERENCE PARTITION SCHEDULE FOR WALL TYPES AND DETAILS.
25. NEW CONSTRUCTION TO CONFORM TO ALL APPLICABLE CODES IN GA, INCLUDING 2010 ADA CODE.
26. ALL PARTITIONS TO BE PARALLEL OR PERPENDICULAR TO EXTERIOR PERIMETER OF WALL, U.N.O.
27. ALL DOORS AND FRAMES ARE TO BE 3" FROM ADJACENT PARTITION, U.N.O.
28. ALL DOORS AND WINDOWS SHOULD MEET THE STC RATING OF THE WALLS IN WHICH THEY ARE LOCATED.
29. PROVIDE WOOD BLOCKING IN ALL PARTITIONS RECEIVING MILLWORK.
30. WHERE APPLICABLE– PROVIDE HORIZONTAL WOOD BLOCKING IN WALLS AT SHOWER SEAT AND GRAB BARS LOCATIONS AS REQUIRED.
31. ALL EXTERIOR DOORS AND WINDOWS TO HAVE LOW "E" GLASS. ALL GLASS TO BE TEMPERED.
32. UNLESS OTHERWISE NOTED: PROVIDE R-19 INSULATION IN ALL EXTERIOR WALLS. FLAME SPREAD INDEX 25 OR LESS & SMOKE DEVELOPED INDEX 450 OR LESS FOR EXPOSED CONDITIONS ASTM E 84. REF. COMCHECK FOR ORE INFORMATION.
33. WHERE APPLICABLE–PROVIDE R-38 INSULATION IN THE ATTIC. FLAME SPREAD INDEX 25 OR LESS & SMOKE DEVELOPED INDEX 450 OR LESS FOR EXPOSED CONDITIONS ASTM E 84. REF. COMCHECK FOR ORE INFORMATION.
24. PROVIDE CONTROL AND EXPANSION JOINTS IN MASONRY WALLS. REF. EXTERIOR ELEVATIONS FOR LOCATIONS.
25. PROVIDE FIRE BLOCKING IN COMBUSTIBLE CONCEALED LOCATIONS HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET PER 718.2.2(2).TO SEAL OFF BOTH HORIZONTAL & VERTICAL DRAFT OPENINGS AND FORM AND AFFECTIVE BARRIER BETWEEN FLOORS AND BETWEEN FLOOR AND ROOF OR ATTIC SPACE. PROVIDE FIRE BLOCKING IN CONCEALED STUD WALL AND PARTITION SPACES (INCLUDING FURRED AREAS) AT THE CEILING AND FLOOR LEVELS AND AT VERTICAL AND HORIZONTAL SPACES SUCH AS FLOOR/ WALL AND CEILING/ WALL INTERFACE , AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS, AND FIREPLACES AT CEILING AND FLOOR LEVELS, AND AT CONCEALED SPACES OF EXTERIOR WALL FINISH AND OTHER EXTERIOR ARCHITECTURAL ELEMENTS.
26. U-FACTOR FOR FRAMING MATERIAL: 0.65; ALL EXTERIOR WINDOW & DOOR FENESTRATION TO HAVE SHGC: 0.40 (PF EXTERIOR DOOR= 0.178, PF EXTERIOR WINDOW: .02)
27. ALL CABINETS TO HAVE SELF-CLOSING HINGES. REF. FINISH PLAN FOR DECORATIVE CABINETS HARDWARE.
25. ALL PUBLIC RESTROOMS TO HAVE SOUNDS BATTS IN WALLS ON ALL SIDES ADJOINING COMMON AREAS
26. COOLER AND FREEZER WALL AND EXTERIOR WALL INSTALLATION MUST MEET REQUIREMENTS OF IBC SECTION 2603.4.1

2 ROOF PLAN LEGEND



3 FLOOR DRAIN LOCATIONS PLAN — SCALE: 1/8"=1'-0"

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA — DARIA TREINIS — CERTIFICATE NO. 2863-0001 — REGISTERED ARCHITECT

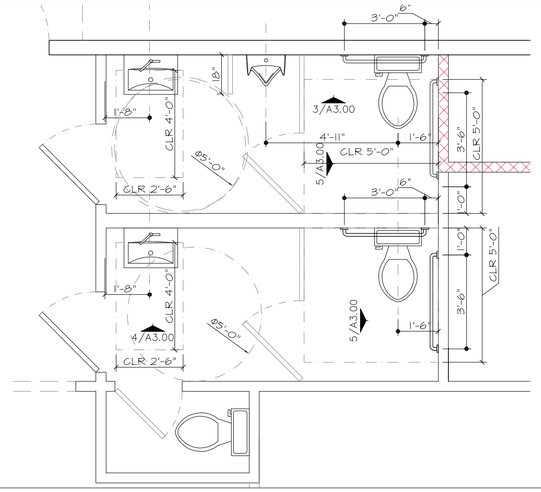
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
ROOF PLAN

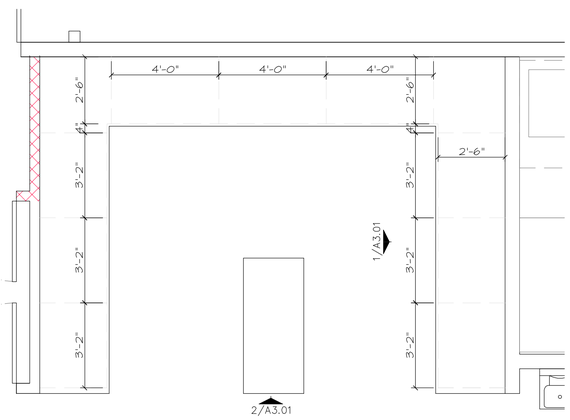
:ISSUE DATE:

:DRAWN BY:
DT

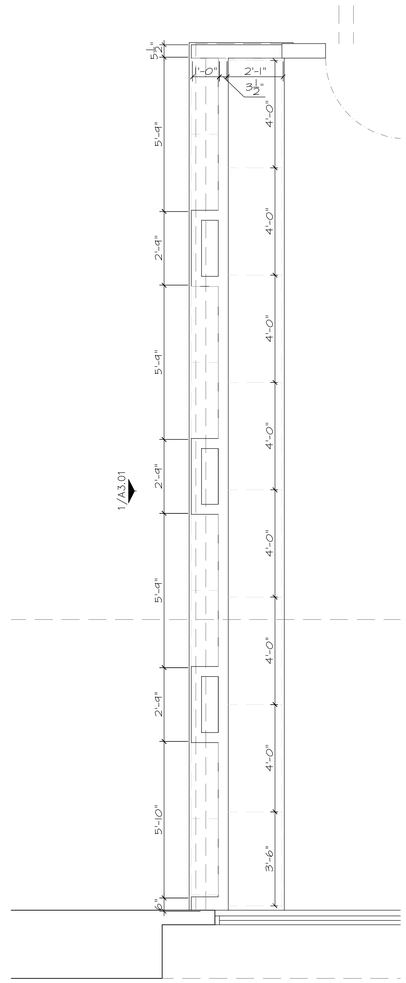
:SHEET NUMBER:
A1.01



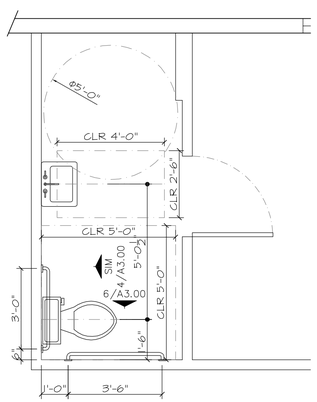
1 ENLARGED RESTROOMS PLAN SCALE: 3/8"=1'-0"



2 ENLARGED BEVERAGE AREA PLAN SCALE: 3/8"=1'-0"



4 CASHIER AREA PLAN SCALE: 3/8"=1'-0"



3 MEZZANINE RESTROOM PLAN SCALE: 3/8"=1'-0"

5 NOT USED SCALE: /8"=1'-0"

6 NOT USED

7 NOT USED

8 NOT USED SCALE: 1/8"=1'-0"

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 0801001
REGISTERED ARCHITECT

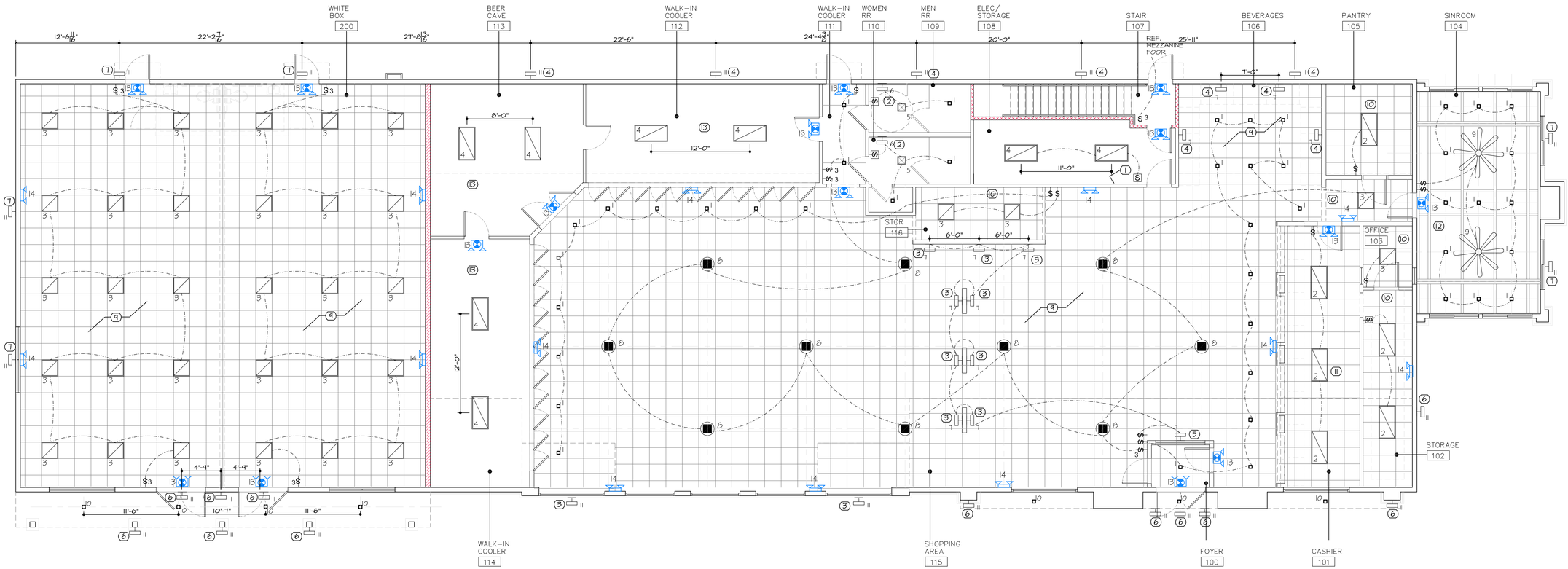
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
ENLARGED PLANS

:ISSUE DATE:

:DRAWN BY:
DT

:SHEET NUMBER:
A1.02



GENERAL NOTE:
1. GC TO VERIFY WITH OWNER ADDITIONAL REQUIREMENTS FOR CABLE TV, SECURITY, ETC.

1 REFLECTED CEILING PLAN

SCALE: NTS

PLAN NOTES:

1. ALL DECORATIVE LIGHT FIXTURES ARE BY OWNER, GC TO INSTALL, UNO
2. DOWNLIGHT & EXHAUST FAN FIXTURES ARE PROVIDED AND INSTALLED BY GC. PROVIDE SAMPLES FOR OWNER'S APPROVAL PRIOR TO ORDERING
3. ALL CEILING LIGHT FIXTURES TO BE MOUNTED IN THE MIDDLE OF THE ROOM, UNO.
4. SEE PARTITION PLAN FOR WALL TYPES AND HEIGHT OF WALLS.
5. WHERE APPLICABLE, REF. LEGEND FOR ACOUSTICAL CEILING TILE TYPE AND SPEC. ALL NEW TILE/ GRID TO MATCH EXISTING, UNO
6. SEE FINISH PLAN/ SCHEDULE FOR CEILING TYPES & MATERIALS IN EACH ROOM / AREA.
7. PERIMETER TRACK FOR ALL ACOUSTICAL CEILINGS GRIDS SHALL BE INSTALLED IN ACCORDANCE WITH IBC AND CISCA GUIDELINES.
8. DIMENSIONS ARE TO FACE OF FINISHED WALL.
8. CEILING GRIDS/TILES TO BE CENTERED IN ALL ROOMS UNLESS NOTED OTHERWISE. PARTIAL TILES AT ROOM PERIMETERS SHALL NOT BE LESS THAN 6"IN EITHER DIMENSION.
9. REFER TO INTERIOR ELEVATIONS FOR THE HEIGHTS OF SOFFITS.
10. SEE ELECTRICAL, FIRE ALARM AND FIRE PROTECTION DRAWINGS FOR SPECIAL SYSTEMS, SMOKE DETECTORS, LIGHTING AND WALL MOUNTED FIXTURES NOT SHOWN
11. COORDINATE LOCATIONS OF ALL FIXTURES NOT INDICATED WITH LAYOUT INDICATED ON THIS SHEET.
12. LIGHT FIXTURES AND MECHANICAL DIFFUSERS ARE SHOWN FOR POSITIONING IN FINISH CEILING SYSTEM. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR FIXTURE TYPES, MECHANICAL DIFFUSERS, WALL MOUNTED FIXTURES AND INSTALLATION OF FIXTURES IN SPACES WITHOUT CEILINGS. (LIGHTING AND HVAC DIFFUSERS ARE SHOWN FOR COORDINATION ONLY – SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION).
13. SEE MECHANICAL FLOOR PLANS FOR EXTENT OF EXPOSED DUCTWORK IN EXPOSED STRUCTURE AREAS WITHOUT CEILINGS.
14. PAINT ALL EXPOSED DUCTWORK, PIPING, HANGERS, ETC. **BLACK, FLAT FINISH.**

15. CENTER LIGHTS, DIFFUSERS, EXIT SIGNS SMOKE DETECTORS, SPEAKERS, GENERAL ALARM SPEAKERS/STROBES & MISC DEVICES IN CEILING TILES WHERE THEY ARE LOCATED. ALIGN MULTIPLE ITEM CENTER OR EDGES.
16. LOCATE MECHANICAL GRILLES AND DIFFUSERS SHOWN IN CORNERS OR NEAR WALL TO 12"OFF WALLS, UNO.
17. INSTALL ACCESS PANELS IN GYPSUM BOARD CEILINGS AT DUCT DAMPER CONTROLS, DUCT MOUNTED SMOKE DETECTORS, MANUAL DUCT CONTROLS, ETC.
18. LIGHTS LOCATED IN STAIRS SHALL OCCUR AT EACH FLOOR AND INTERMEDIATE LANDINGS.
19. NOT USED
20. NOT USEDD
21. ALL GWB CEILINGS TO RECEIVE CONCEALED SPRINKLER HEADS.
22. PROVIDE ARMSTRONG 9/16" TEGULAR TRANSITION MOLDING #7907 OR EQ. AT TRANSITIONS FROM ACT TO GWB CEILINGS OF THE SAME HEIGHT.
23. COORDINATE TRIM COLOR AND LOCATION OF CEILING MOUNTED SECURITY CAMERAS WITH ARCHITECT PRIOR TO INSTALLATION
24. 18" MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN THE BOTTOM OF THE EXTENDED SPRINKLER HEADS AND THE TOP OF ANY FILES, SHELVING, LOCKERS, ETC

REFLECTED CEILING PLAN KEY NOTES:

1. INSTALL EXTERIOR LIGHTING CONTROL PANEL ON THIS WALL. VERIFY REQUIREMENTS WITH OWNER
2. WALL SCONCE TO BE MOUNTED 7'-4" A.F.F.
3. WALL SCONCE TO BE MOUNTED 12'-0" A.F.F.
4. WALL SCONCE TO BE MOUNTED 10'-0" A.F.F.
5. WALL SCONCE TO BE MOUNTED 8'-6" A.F.F.
6. WALL SCONCE TO BE MOUNTED 9'-6" A.F.F.
7. WALL SCONCE TO BE MOUNTED 14'-0" A.F.F.
8. SIGN LIGHT TO BE MOUNTED 21'-0" A.F.F.
9. INSTALL CEILING GRID DIRECTLY BELOW ROOF TRUSSES IN THIS AREA
10. INSTALL CEILING GRID @9'-0" A.F.F. IN THIS AREA
11. INSTALL CEILING GRID @10'-6" A.F.F. IN THIS AREA
12. INSTALL GREEN GYP. BD IN THIS LOCATION, FOLLOWED BY BEAD-N-BOGARD CEILING PANELS WITH 1X3 TRIM, PAINTED PT-1. REF. A2.01 FOR LAYOUT
13. CEILING BY WALK-IN COOLER MANUFACTURER

REFLECTED CEILING PLAN LEGEND:

SYMB	DESCRIPTION	LAMP/ WATTAGE
1	DIMMABLE LED DOWNLIGHT, POPANU, CANLESS RECESSED GIMBAL DWALLWASH, 5 CCT, DIMMABLE WITH JUNCTION BOX, 8W CCT ADJUSTABLE (BRUSHED NICKEL, 3 INCH), 3000K	8 Watt LED, 766 LUMENS
2	RECESSED 2X4 LIGHT: SUPERIORLIGHTING.COM, LED FLAT PANEL 2X4 – COLOR SELECTABLE – DIMMABLE – FOR STANDARD DROP CEILINGS, SC11043. SKU: LPNG–2X4–MCTP	50 Watt 5500 LUMENS
3	RECESSED 2X2 LIGHT: SUPERIORLIGHTING.COM, LED Flat Panel 2X2 – COLOR SELECTABLE – DIMMABLE – FOR STANDARD DROP CEILINGS, SC11042, SKU: LPNG–2X2–MCTP	40 Watt 4200 LUMENS
4	SURFACE MOUNTED 2X4 LIGHT: SUPERIORLIGHTING.COM, LED FLAT PANEL 2X2 – COLOR SELECTABLE – DIMMABLE – WITH EXTRA SUSPENSION HANGING KIT, SC11359, SKU: LPNG–2X4–MCTP–85149–K	50 Watt 5500 LUMENS
5	RESTROOM EXHAUST FAN.	INTEGRATED LED; 20 WATT
6	INTERIOR VANITY WALL SCONCE: (AMAZON) TIPACE 2 LIGHTS VANITY LIGHT FIXTURES OVER MIRROR BLACK INDUSTRIAL VANITY LIGHTS WITH MILK WHITE GLASS GLOBE	(2) 6 WATT LED, DIMMABLE
7	INTERIOR DECORATIVE WALL SCONCE: PROJECT SOURCE OAKDALE 1–LIGHT MATTE BLACK DARK SKY OUTDOOR WALL LIGHT (LOWES) ITEM #4145452/ MODEL WLM141MBK	(1) 8 WATT LED, DIMMABLE
8	LED UFO LIGHT: PLT, 21,000 LUMENS, 150 WATT, 3500 KELVIN, HIGH BAY SENSOR READY LIGHT FIXTURE 400 WATT METAL HALIDE EQUAL – BLACK FINISH – 120–277 VOLT – PLT–12637 DIMMABLE	150 WATT LED, 21000 LUMENS
9	EXTERIOR CEILING FAN: HUNTER DOWNTOWN 72" 7 BLADE INDOOR / OUTDOOR CEILING FAN WITH WALL CONTROL MODEL: 51592	223 WATT
ALL EXTERIOR LIGHTS TO BE CONNECTED TO THERY/ CONTROL PANEL		
10	DIMMABLE LED DOWNLIGHT, LITHONIA LIGHTING WAFER LED CANLESS RECESSED FIXTURE 4" – IC RATED AND AIRTIGHT, MODEL: WF4 LED 30K 90CRI MW M6, 3000K	10 Watt LED, LUMENS: 2,600 LUMENS TOTAL
11	EXTERIOR DECORATIVE WALLSCONCE: PROGRESS LIGHTING CEDAR SPRINGS 11" TALL OUTDOOR WALL SCONCE – 22" LONG MODEL:P560091–039, USED WITH BULB: LUXRITE 100–WATT EQ A19 SOFT WHITE MEDIUM BASE (E–26) DIMMABLE LED LIGHT BULB	8 Watt 1600 LUMENS
12	LED GAS CANOPY LIGHT: LED CANOPY LIGHT 110W 3000K, TBD	110 WATT LED, 16,000 LUMENS

REFLECTED CEILING PLAN LEGEND:

SYMB	DESCRIPTION	LAMP/ WATTAGE
13	LAVEX INDUSTRIAL SLIM RED LED EXIT SIGN / EMERGENCY LIGHT COMBINATION WITH BATTERY BACKUP – 2W UNIT; ITEM #: 6952SRCBO..	2 WATT
14	THE EL–STLED STEEL EMERGENCY LIGHT. BASE CODE: EL–STLED COMPATIBLE BATTERY: 9.6V 1000MAH, INSTALL 48" O.C. MAX @8'–0" A.F.F TYP	8W 392lm
	ONE–WAY BUILDING STANDARD SWITCH	
3	THREE–WAY BUILDING STANDARD SWITCH	
	WALL SWITCH WITH TIMER	
	24"x24" DROPPED CEILING: ARMSTRONG, KITCHEN ZONE, SQUARE LAY–IN, SMOOTH TEXTURE; CEILING GRID: 9/16 THE ARMSTRONG, SEISMIC RX®SUSPENSION SYSTEM (ESR–1308. REF. A0.06 FOR GRID INSTALLATION DETAILS	RE. PLAN FOR INSTALLATION HEIGHT
	24"X24" DROPPED CEILING: ARMSTRONG, TILE CIRRUS BEVELED TEGULAR WHITE #589, GRID: CEILING GRID: 9/16 THE ARMSTRONG, SEISMIC RX®SUSPENSION SYSTEM (ESR–1308. REF. A0.06 FOR GRID INSTALLATION DETAILS	RE. PLAN FOR INSTALLATION HEIGHT

2 REFLECTED CEILING PLAN LEGEND

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 0001592
REGISTERED ARCHITECT

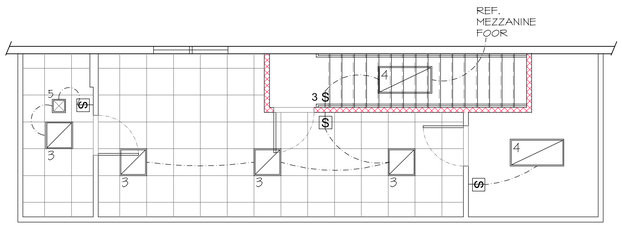
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
REFLECTED CEILING & POWER/ COMMUNICATION PLANS

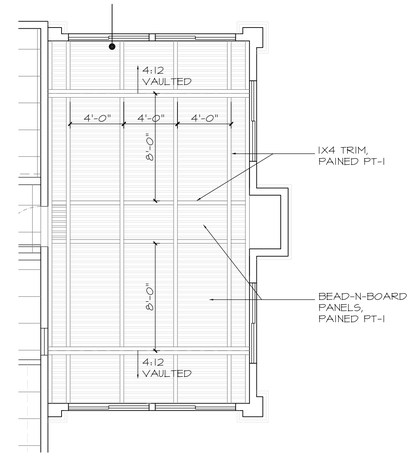
:ISSUE DATE:

:DRAWN BY:
DT

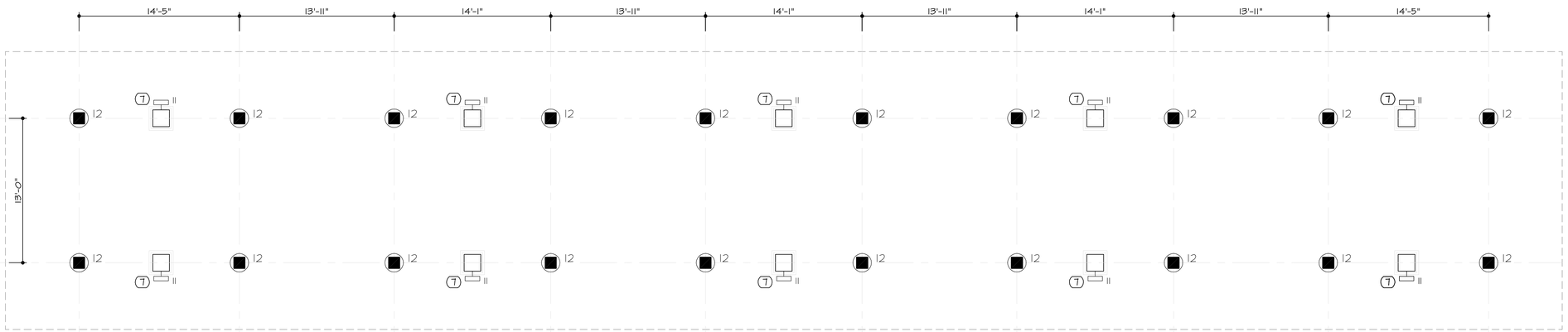
:SHEET NUMBER:
A2.00



1 MEZZANINE REFLECTED CEILING PLAN SCALE: 3/16"=1'-0"



2 SUNROOM CEILING BEAD-N-BOARD LAYOUT PLAN SCALE: 3/16"=1'-0"



3 GAS CANOPY REFLECTED CEILING PLAN SCALE: 3/16"=1'-0"

PLAN NOTES:

1. ALL DECORATIVE LIGHT FIXTURES ARE BY OWNER, GC TO INSTALL, UNO
2. DOWNLIGHT & EXHAUST FAN FIXTURES ARE PROVIDED AND INSTALLED BY GC. PROVIDE SAMPLES FOR OWNER'S APPROVAL PRIOR TO ORDERING
3. ALL CEILING LIGHT FIXTURES TO BE MOUNTED IN THE MIDDLE OF THE ROOM, UNO.
4. SEE PARTITION PLAN FOR WALL TYPES AND HEIGHT OF WALLS.
5. WHERE APPLICABLE, REF. LEGEND FOR ACOUSTICAL CEILING TILE TYPE AND SPEC. ALL NEW TILE/ GRID TO MATCH EXISTING, UNO
6. SEE FINISH PLAN/ SCHEDULE FOR CEILING TYPES & MATERIALS IN EACH ROOM / AREA.
7. PERIMETER TRACK FOR ALL ACOUSTICAL CEILINGS GRIDS SHALL BE INSTALLED IN ACCORDANCE WITH IBC AND CISCA GUIDELINES.
8. DIMENSIONS ARE TO FACE OF FINISHED WALL.
8. CEILING GRIDS/TILES TO BE CENTERED IN ALL ROOMS UNLESS NOTED OTHERWISE. PARTIAL TILES AT ROOM PERIMETERS SHALL NOT BE LESS THAN 6"IN EITHER DIMENSION.
9. REFER TO INTERIOR ELEVATIONS FOR THE HEIGHTS OF SOFFITS.
10. SEE ELECTRICAL, FIRE ALARM AND FIRE PROTECTION DRAWINGS FOR SPECIAL SYSTEMS, SMOKE DETECTORS, LIGHTING AND WALL MOUNTED FIXTURES NOT SHOWN
11. COORDINATE LOCATIONS OF ALL FIXTURES NOT INDICATED WITH LAYOUT INDICATED ON THIS SHEET.
12. LIGHT FIXTURES AND MECHANICAL DIFFUSERS ARE SHOWN FOR POSITIONING IN FINISH CEILING SYSTEM. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR FIXTURE TYPES, MECHANICAL DIFFUSERS, WALL MOUNTED FIXTURES AND INSTALLATION OF FIXTURES IN SPACES WITHOUT CEILINGS. (LIGHTING AND HVAC DIFFUSERS ARE SHOWN FOR COORDINATION ONLY – SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION).
13. SEE MECHANICAL FLOOR PLANS FOR EXTENT OF EXPOSED DUCTWORK IN EXPOSED STRUCTURE AREAS WITHOUT CEILINGS.
14. PAINT ALL EXPOSED DUCTWORK, PIPING, HANGERS, ETC. **BLACK, FLAT FINISH.**

15. CENTER LIGHTS, DIFFUSERS, EXIT SIGNS SMOKE DETECTORS, SPEAKERS, GENERAL ALARM SPEAKERS/STROBES & MISC DEVICES IN CEILING TILES WHERE THEY ARE LOCATED. ALIGN MULTIPLE ITEM CENTER OR EDGES.
16. LOCATE MECHANICAL GRILLES AND DIFFUSERS SHOWN IN CORNERS OR NEAR WALL TO 12"OFF WALLS, UNO.
17. INSTALL ACCESS PANELS IN GYPSUM BOARD CEILINGS AT DUCT DAMPER CONTROLS, DUCT MOUNTED SMOKE DETECTORS, MANUAL DUCT CONTROLS, ETC.
18. LIGHTS LOCATED IN STAIRS SHALL OCCUR AT EACH FLOOR AND INTERMEDIATE LANDINGS.
19. NOT USED
20. NOT USEDD
21. ALL GWB CEILINGS TO RECEIVE CONCEALED SPRINKLER HEADS.
22. PROVIDE ARMSTRONG 9/16" TEGULAR TRANSITION MOLDING #7907 OR EQ. AT TRANSITIONS FROM ACT TO GWB CEILINGS OF THE SAME HEIGHT.
23. COORDINATE TRIM COLOR AND LOCATION OF CEILING MOUNTED SECURITY CAMERAS WITH ARCHITECT PRIOR TO INSTALLATION
24. 18" MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN THE BOTTOM OF THE EXTENDED SPRINKLER HEADS AND THE TOP OF ANY FILES, SHELVING, LOCKERS, ETC

REFLECTED CEILING PLAN KEY NOTES:

(1) --

REFLECTED CEILING PLAN LEGEND:

SYMB	DESCRIPTION	LAMP/ WATTAGE
1	DIMMABLE LED DOWNLIGHT, POPANU, CANLESS RECESSED GIMBAL DWALLWASH, 5 CCT, DIMMABLE WITH JUNCTION BOX, 8W CCT ADJUSTABLE (BRUSHED NICKEL, 3 INCH), 3000K	8 Watt LED, 766 LUMENS
2	RECESSED 2X4 LIGHT: SUPERIORLIGHTING.COM, LED FLAT PANEL 2X4 – COLOR SELECTABLE – DIMMABLE – FOR STANDARD DROP CEILINGS, SC11043, SKU: LPNG–2X4–MCTP	50 Watt 5500 LUMENS
3	RECESSED 2X2 LIGHT: SUPERIORLIGHTING.COM, LED Flat Panel 2X2 – COLOR SELECTABLE – DIMMABLE – FOR STANDARD DROP CEILINGS, SC11042, SKU: LPNG–2X2–MCTP	40 Watt 4200 LUMENS
4	SURFACE MOUNTED 2X4 LIGHT: SUPERIORLIGHTING.COM, LED FLAT PANEL 2X2 – COLOR SELECTABLE – DIMMABLE – WITH EXTRA SUSPENSION HANGING KIT, SC11359, SKU: LPNG–2X4–MCTP–85149–K	50 Watt 5500 LUMENS
5	RESTROOM EXHAUST FAN.	INTEGRATED LED; 20 WATT
6	INTERIOR VANITY WALL SCONCE: (AMAZON) TIPACE 2 LIGHTS VANITY LIGHT FIXTURES OVER MIRROR BLACK INDUSTRIAL VANITY LIGHTS WITH MILK WHITE GLASS GLOBE	(2) 6 WATT LED, DIMMABLE
7	INTERIOR DECORATIVE WALL SCONCE: PROJECT SOURCE OAKDALE 1–LIGHT MATTE BLACK DARK SKY OUTDOOR WALL LIGHT (LOWES) ITEM #4145452/ MODEL WLM141MBK	(1) 8 WATT LED, DIMMABLE
8	LED UFO LIGHT: PLT, 21,000 LUMENS, 150 WATT, 3500 KELVIN, HIGH BAY SENSOR READY LIGHT FIXTURE 400 WATT METAL HALIDE EQUAL – BLACK FINISH – 120–277 VOLT – PLT–12637 DIMMABLE	150 WATT LED, 21000 LUMENS
9	EXTERIOR CEILING FAN: HUNTER DOWNTOWN 72" 7 BLADE INDOOR / OUTDOOR CEILING FAN WITH WALL CONTROL MODEL:51592	223 WATT
10	DIMMABLE LED DOWNLIGHT, LITHONIA LIGHTING WAFER LED CANLESS RECESSED FIXTURE 4" – IC RATED AND AIRTIGHT, MODEL: WF4 LED 30K 90CRI MW M6, 3000K	10 Watt LED, LUMENS: 2,600 LUMENS TOTAL
11	EXTERIOR DECORATIVE WALLSCONCE: PROGRESS LIGHTING CEDAR SPRINGS 11" TALL OUTDOOR WALL SCONCE – 22" LONG MODEL:P560091–039, USED WITH BULB: LUXRITE 100–WATT EQ A19 SOFT WHITE MEDIUM BASE (E–26) DIMMABLE LED LIGHT BULB	8 Watt 1600 LUMENS
12	LED GAS CANOPY LIGHT: LED CANOPY LIGHT 110W 3000K, TBD	110 WATT LED, 16,000 LUMENS

ALL EXTERIOR LIGHTS TO BE CONNECTED TO TIMER/ CONTROL PANEL

REFLECTED CEILING PLAN LEGEND:

SYMB	DESCRIPTION	LAMP/ WATTAGE
13	LAVEX INDUSTRIAL SLIM RED LED EXIT SIGN / EMERGENCY LIGHT COMBINATION WITH BATTERY BACKUP – 2W UNIT; ITEM #: 6952SRCBO..	2 WATT
14	THE EL–STLED STEEL EMERGENCY LIGHT. BASE CODE: EL–STLED COMPATIBLE BATTERY: 9.6V 1000MAH, INSTALL 48" O.C. MAX @8'–0" A.F.F TYP	8W 392lm
	ONE–WAY BUILDING STANDARD SWITCH	
3	THREE–WAY BUILDING STANDARD SWITCH	
S	WALL SWITCH WITH TIMER	
	24"x24" DROPPED CEILING: ARMSTRONG, KITCHEN ZONE, SQUARE LAY–IN, SMOOTH TEXTURE; CEILING GRID: 9/16 THE ARMSTRONG, SEISMIC RX®SUSPENSION SYSTEM (ESR–1308. REF. A0.06 FOR GRID INSTALLATION DETAILS	RE. PLAN FOR INSTALLATION HEIGHT
	24"X24" DROPPED CEILING: ARMSTRONG, TILE CIRRUS BEVELED TEGULAR WHITE #589, GRID: CEILING GRID: 9/16 THE ARMSTRONG, SEISMIC RX®SUSPENSION SYSTEM (ESR–1308. REF. A0.06 FOR GRID INSTALLATION DETAILS	RE. PLAN FOR INSTALLATION HEIGHT

4 REFLECTED CEILING PLAN LEGEND

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 0001307
REGISTERED ARCHITECT

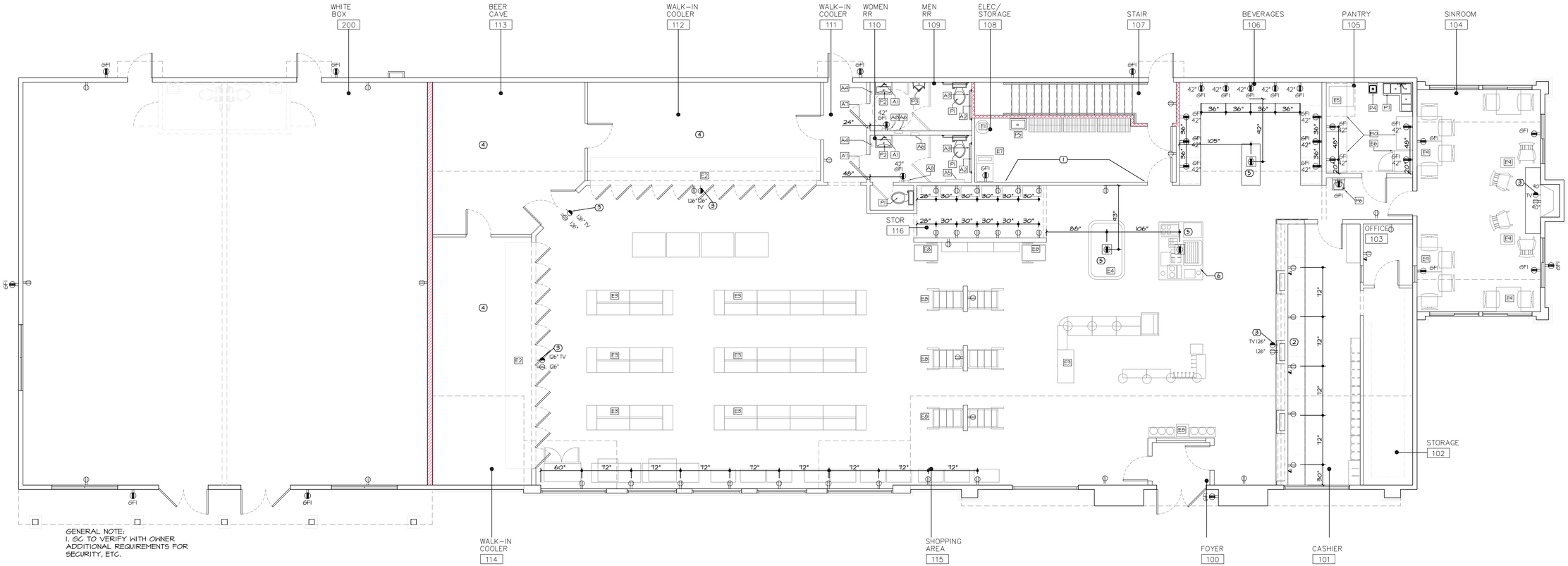
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
MEZZANINE AND GAS CANOPY REFLECTED CEILING PLAN

:ISSUE DATE:

:DRAWN BY:
DT

:SHEET NUMBER:
A2.01



1 POWER- COMMUNICATION PLAN

SCALE: NTS

POWER PLAN GENERAL NOTES:

1. ALL POWER/ DATA/ TV OUTLETS' DIMENSIONS SHOWN FOR GENERAL PROPOSES ONLY. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR FINAL LAYOUT TO COMPLY WITH STATE OF GEORGIA RESIDENTIAL ELECTRICAL CODE.
2. WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES BY DULY LICENSED AND AUTHORIZED TRADES PEOPLE. ANY EXISTING EXPOSED ELECTRICAL WORK WITHIN THE PROJECT AREA, NOT COMPLYING WITH EXISTING CODE REQUIREMENTS IS TO BE CORRECTED.
3. PROVIDE ALL EMERGENCY AND EXIT LIGHTS, SMOKE AND HEAT DETECTORS AND ALARM SYSTEMS AS REQUIRED BY CODE FOR THIS PROJECT OCCUPANCY.
4. OPENINGS AROUND CONDUIT IN FIRE RATED PARTITIONS TO BE FILLED WITH FIREPROOFING MATERIAL APPROVED FOR THIS TYPE OF APPLICATION.
5. ON COMMERCIAL JOBS: MEP ENGINEER IS RESPONSIBLE FOR DETERMINING CIRCUITING OF ALL ELECTRICAL OUTLETS AND FIXTURES AND SHALL PROVIDE STAMPED AND SEALED DRAWINGS. ON RESIDENTIAL JOBS: ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ABOVE DETERMINATION.
6. ON RENOVATION JOBS: ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR EVALUATING EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS FOR THE PROJECT.
7. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REPAIRING ANY DAMAGE AS A RESULT OF HIS/ HER WORKS TO SURFACES AND FINISHES.
8. ALL DEVICE BOXES SHALL BE INSTALLED FLUSH AND CONDUIT RUNS (WHERE APPLICABLE) CONCEALED BEHIND FINISHED SURFACES.
9. ALL OUTLETS INSTALLED BACK TO BACK ON PARTITION SHALL BE OFFSET MIN. 6".
10. DIMENSIONS SHOWN ARE TO CENTER LINE OF THE OUTLET.
11. IF ANY DISCREPANCIES ARE FOUND BY ELECTRICAL CONTRACTOR WITH EXISTING CONDITIONS OR LOCAL CODES, THE CHANGED MUST BE CONFINED WITH ARCHITECT PRIOR TO COMMNE3CING THE WORK.
12. IF NO DIMENSION SHOWN FOR POWER OUTLET, THE OUTLET TO BE MOUNTED IN THE MIDDLE OF THE WALL
13. VERIFY ELECTRICAL REQUIREMENTS FOR ALL APPLIANCES WITH OWNER.
14. ALL ELECTRICAL OUTLETS ABOVE COUNTERTOPS TO BE MOUNTED HORIZONTALLY
15. VERIFY TYPICAL OUTLET HEIGHT WITH OWNER. MAX HEIGHT 48", UNO
16. VERIFY ALL OUTLETS STYLE AND COLOR FOR ALL AREAS WITH THE OWNER PRIOR TO ORDERING

POWER/ COMMUNICATION LEGEND:

SYMBOL	DESCRIPTION	FINISH/TRIM
	WALL MOUNTED DUPLEX POWER OUTLET	WHITE DEVICE W/ WHITE COVER PLATE
	GROUND FAULT CIRCUIT INTERRUPTER POWER OUTLET	GRAY DEVICE W/ WHITE COVER PLATE
GFI	GROUND FAULT CIRCUIT INTERRUPTER POWER OUTLET	GRAY DEVICE W/ WHITE COVER PLATE
	COMBINED PHONE AND DATA OUTLET	WHITE COVER PLATE
	TV CABLE OUTLET	WHITE COVER PLATE
	WALL MOUNTED QUAD POWER OUTLET	WHITE DEVICE W/ WHITE COVER PLATE
	FLOOR MOUNTED GFI DUPLE POWER OUTLET	TBD

LEGEND NOTES:
1. THE SUFFIX "GFI" WITH ANY OUTLET INDICATES THAT THE OUTLET IS A GROUND FAULT INTERRUPT OUTLET.
2. THE SUFFIX "N" WITH ANY OUTLET INDICATES THAT THE OUTLET IS NEW.
3. THE SUFFIX "E" WITH ANY OUTLET INDICATES THAT THE OUTLET IS EXISTING TO REMAIN.
4. REFER TO "MOUNTING HEIGHTS" ON SHEET A-0 FOR TYPICAL MOUNTING LOCATIONS AND HEIGHTS OF OUTLETS AND SWITCHES.

POWER PLAN KEY NOTES:

1. C-STORE MAIN ELECTRICAL PANEL AND GAS PUMPS ELEC. CONTROLS SHUTOFF
2. ALL POWER OUTLETS AT CASHIER STATION TO BE MOUNTED @24" A.F.F. PROVIDE SEPARATE GROMMET IN COUNTER FOR EACH POWER OUTLET
3. GC TO PROVIDE WALL RECESSED BOX FOR POWER & TV CABLE CONNECTION ON THIS WALL. VERIFY HEIGHT AND EXACT LOCATION WITH OWNER
4. GC TO VERIFY ELECTRICAL REQUIREMENTS FOR WALK-IN COOLER/ FREEZER
5. PROVIDE FLOOR RECESSED POWER OUTLET IN THIS LOCATION
6. ISLAND CABINETS WITH MICROWAVE. GC TO VERIFY WITH OWNER REQUIREMENTS

ACCESSORIES:

A1 – RESTROOM MIRROR: 24"X48", BOBRICK 290.MBLK (24 X 48) 2448 290 MIRROR MATTE BLACK, B-290.MBLK 2448

A2 – CLASSICSERIES SURFACE-MOUNTED TOILET SEAT-COVER DISPENSER, WASTE DISPOSAL, AND TOILET TISSUE DISPENSER B-3901.mblk

A3 – GRAB BARS: BOBRICK: 150C.MBLK SERIES CONCEALED FAVORITE STRAIGHT GRAB BAR WITH CONCEALED FLANGE, MATTE BLACK: 150CX36.MBLK: 36" & 150CX42.MBLK: 42"

A4 – WALL MOUNTED AUTOMATED SOAP DISPENSER, BOBRICK, B-2012.MBLK 850 ML MATTE BLACK AUTOMATIC HANDS-FREE

A5 – BABY CHANGING STATION: KOALA KARE PRODUCTS KB300-01

A6 – RR TRASH RECEPTACLE: BOBRICK 36903.MBLK MATTE BLACK PAPER TOWEL DISP/WASTE RECEPTACLE MPN: B-36903.MBLK

A7 – DOOR HOOK: NATIONAL HARDWARE REED MEDIUM MATTE BLACK BLACK STEEL 4 IN. L HOOK 60 LB, MFR # N337-903

A8 – ELEC. HAND DRYER. TBD

PLUMBING EQUIPMENT/ FIXTURES:

P1 – RR TOILET: ADA, COMMERCIAL ULTRA-HIGH EFFICIENCY TOILET, 1.0/1.28/1.6 GPF, ADA, ELONGATED BOWL (RECLAIMED WATER OPTION), SKU: CT705ULN#01

P2 – RR SINK: ADA, WALL MOUNTED LAVATORY SINK, CERASTYLE ELITE BY NAMEEKS, 032000-U, SINGLE HOLE, WHITE;
– RR FAUCET: AMERICAN STANDARD, CLEAN IR DC POWERED TOUCHLESS SINGLE HOLE IN BRUSHED NICKEL, MODEL # 7020255.295. GC TO PROVIDE DRAIN TO MATCH FAUCET FINISH, PROVIDE KNEE PROTECTION AS REQUIRED

P3 – RR URINAL: ADA, TOTO COMMERCIAL TOP SPUD INLET HIGH EFFICIENCY URINAL, 0.5 GPF – ADA COMPLIANT MODEL: UT447E#01 WITH PARTITION: GLOBAL INDUSTRIAL BATHROOM STAINLESS STEEL URINAL SCREEN 18 X 42 WB261997

P4 – HAND SINK & FAUCET: REGENCY 12" X 16" WALL MOUNTED HAND SINK WITH GOOSENECK FAUCET AND SIDE SPLASH, 600HS12SP

P5 –FLOOR MOUNTED MOP SINK: REGENCY 25" 16-GAUGE STAINLESS STEEL ONE COMPARTMENT FLOOR MOP SINK, 20"X16"X6" BOWL, ITEM: 600SM16206; FAUCET W/ VACUUM BREAK: T&S B-0665 BSTRM MOP SINK FAUCET, ITEM: 510B665

P6 – WATER FOUNTAIN: GLOBAL INDUSTRIAL REFRIGERATED DRINKING FOUNTAIN WITH BOTTLE FILLER, FILTERED, MODEL #: WB761218 INSTALLED AT ADA HEIGHT

P7 – 3-COMP. SINK: REGENCY 44 1/2" 16 GAUGE STAINLESS STEEL THREE COMPARTMENT COMMERCIAL CORNER SINK WITH TWO DRAINBOARDS – 14" X 14" X 14" BOWLS, TEM #: 600S3141414XC

MISC. EQUIPMENT/ FIXTURES:

E1 WATER HEATER. REF. ENGINEERING DRAWINGS FOR SPECS

E2 BEVERAGE COOLER: (30"X80" UNITS). BY OWNER'S SUPPLIER.

E3 GONDOLA/ SHELVING/ DISPLAY BY OWNER

E4 HEATED/ CHILLED FOOD DISPLAY BY OWNER

E5 PIZZA OVEN WITH HEAT HOOD BY OWNER. 3 PHASE; SPECS TBD

E6 REACH-IN FREEZER BY OWNER, TBD

E7 FREE- STANDING ICE-MAKER: AVANTCO OR EQ.

E8 RUSTIC STYLE DISPLAY BY OWNER. TBD

E9 FURNITURE BY OWNER

E10 SS 16GA MIN TABLES BY OWNER

2 POWER- COMMUNICATION PLAN LEGEND

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 028.0000
REGISTERED ARCHITECT

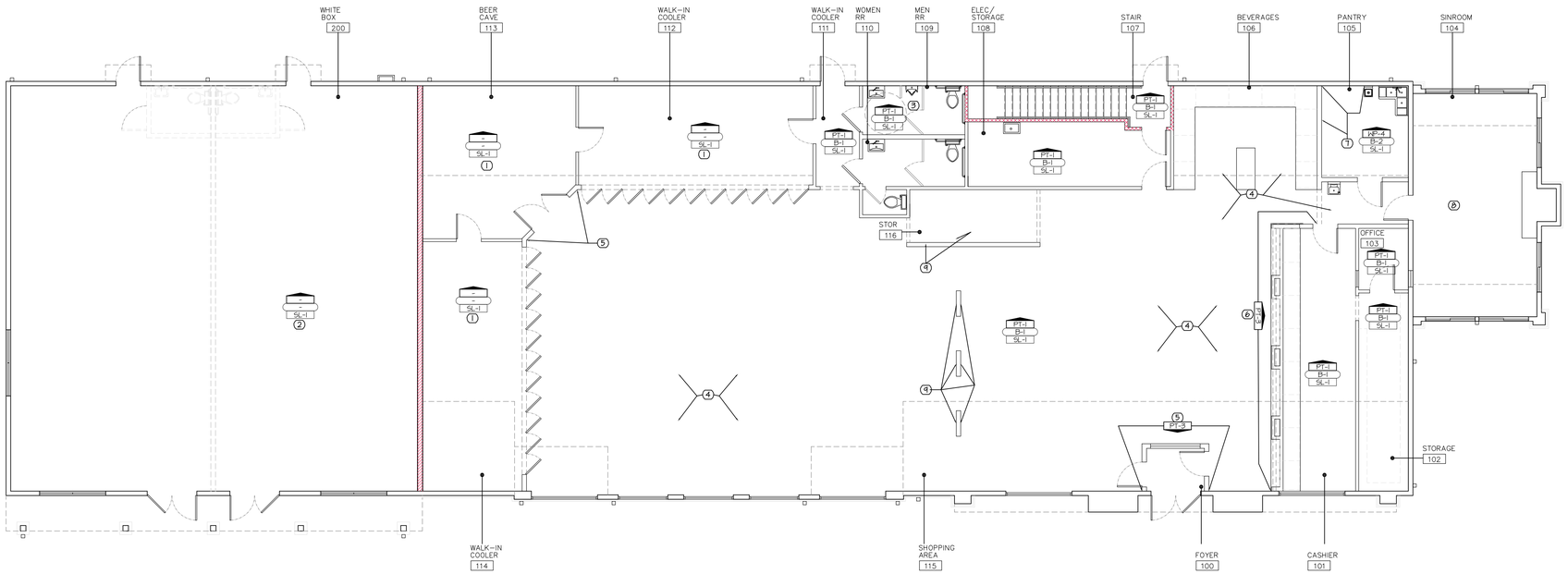
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
POWER/ COMMUNICATON PLAN

:ISSUE DATE:

:DRAWN BY:
DT

:SHEET NUMBER:
A2.02



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

FINISH SCHEDULE

	KEY	ITEM	MANUFACTURER	DESCRIPTION	REMARKS
WALL/ CEILING	PT-1	INTERIOR PAINT: ALL WALLS	SHERWIN WILLIAMS	SW 2805 RENWICK BEIGE	EGGSHELL FINISH
	PT-2	INTERIOR PAINT: ALL INTERIOR DOORS & TRIM, UNO.	SHERWIN WILLIAMS	SW 7645 THUNDER GRAY	SEMI-GLOSS FINISH
	PT-3	ACCENT WALL/ CELING PAINT	SHERWIN WILLIAMS	SW 2826 COLONIAL REVIVAL GREEN STONE	EGGSHELL FINISH
	WP-1	METAL RUSTED CORRUGATED PANELING 24"X36"	DAKOTA TIN	COLORADO CORRUGATED METAL WALL PANELS WITH TRIM: 1X4, PAINTED PT-2	
	WP-2	METAL RUSTED CORRUGATED PANELING 26"X12"	DAKOTA TIN	COLORADO CORRUGATED METAL WALL PANELS WITH TRIM: 1X4, PAINTED PT-2	
	WP-3	STAINLESS STEEL PANELING	MANUFACTURER TBD	SS COLOR	FLOOR-TO-CEILING AT HOOD
	WP-4	FIBERGLASS REINFORCED PLASTIC	MARLITE OR EQUAL	WHITE, SMOOTH	FLOOR-TO-CEILING
	WP-5	PLYWOOD LAMINATED PANELS	DESIGNTHESPACE.COM	WOOD PANELING 1/4" BARNBOARD GRAY SHIPLAP, SKU: L-52-4100	TRIM WITH 1X4 PT-2
BASE	B-1	WOOD BASE	1X4 SOLID WOOD	PAINTED PT-2	
	B-2	RUBBER BASE	ROPPE OR EQUAL	4" HIGH, COVE, COLOR BLACK	ROLL GOODS;
FLOORING	SL-1	CONCRETE SEALER	MANUFACTURER TBD	EPOXY SEALER, CLEAR	CLASS I 0.4 DYNAMIC COEFFICIENT OF FRICTION
MISC	GR-1	GRANITE COUNTER	MANUFACTURER TBD	COLOR: TBD	SQUARE EDGE, 1.25" THICK MIN
	STN-1	INTERIOR STAIN	SHERWIN WILLIAMS	MN 434 WALNUT INTERIOR SEMI-TRANSPARENT STAIN	

3.1.0 REFER TO GENERAL FINISH STANDARDS FOR TYPICAL INFORMATION INCLUDING SUBMITTAL REQUIREMENTS.
3.2.0 FLOOR:
3.2.1 CONTRACTOR IS RESPONSIBLE FOR ALL FLASH PATCHING AND TO HAVE FLOOR IN CONDITION TO RECEIVE MATERIALS PER PLAN. CONTRACTOR TO INSURE THAT DOOR CLEARANCES PER DETAILS ARE MET.
3.2.2 VCT INSTALLATION SHALL BE PER INSTRUCTIONS ON DRAWING. SEAMS SHALL BE TIGHT AND INVISIBLE. FLOOR SHALL BE CLEANED PER MANUFACTURERS INSTRUCTIONS AND RECEIVE TWO (2) COATS OF NON-SLIP WAX WHICH SHALL BE THOROUGHLY MACHINE BUFFED (AS APPROPRIATE TO TILE MANUFACTURER)
3.2.3 CONTRACTOR SHALL PROVIDE VINYL TRANSITION STRIPS AND RUBBER TRANSITION STRIPS AT ALL LOCATIONS REQUIRED. PROVIDE SAMPLE FOR COLOR PRIOR TO INSTALLATION.
3.3.0 WALLS:
3.3.1 PAINT FOR WALL FINISHES SHALL BE THREE (3) COATS (EGGSHELL U.N.O. IN FINISH PLAN STANDARDS); ONE (1) PRIMER PLUS TWO (2) FINISH COATS, COLOR AS SPECIFIED. METAL ELEMENTS AND DOOR / WINDOW FRAMES SHALL HAVE THREE (3) COATS OF SEMI-GLOSS LATEX ENAMEL FINISH.
3.3.2 G.C. SHALL ASSURE THAT NO ELECTRICAL RECEPTACLE OR TELECOMMUNICATIONS OUTLET COVER PLATES HAVE BEEN INSTALLED PRIOR TO COMPLETION OF APPLICATION OF ANY WALL FINISH MATERIALS. ANY APPLIED COVER PLATES OR SURFACE HARDWARE ETC. SHALL BE REMOVED PRIOR TO FINAL WALL FINISH APPLICATION.
3.4.0 MISCELLANEOUS:
3.4.1 ALL MISCELLANEOUS GRILLS, PLATES, ETC. OCCURRING ON WALLS OR CEILING SHALL BE PAINTED TO MATCH THE SURFACES ON WHICH THEY OCCUR U.N.O. ALL METAL SURFACES SHALL BE PRIMED PRIOR TO PAINTING.
3.4.2 PROVIDE BLACK RUBBER TRANSITION STRIP WHERE MATERIAL CHANGE OCCURS.

FIRE PROTECTION NOTES:
1. INTERIOR FINISHES SHALL COMPLY WITH SECTION 10.2 OF THE 2018 NFPA 101. FINISHES WILL MEET FLAME SPREAD INDEX IN ACCORDANCE WITH ASTM E84 OR UL723 AS PER THE 2018 IBC SECTION 803.
2018 IBC SECTION 803. CLARIFY, AND AMEND THE CONSTRUCTION DOCUMENTS TO SHOW THAT ALL LAMINATED PRODUCTS WILL MEET COMPLIANCE FOR FLAME SPREAD INDEX IN ACCORDANCE WITH ASTM E84 OR UL723 AS PER THE 2018 IBC SECTION 803.1.2 AND 803.1

2. ALL LAMINATED PRODUCTS WILL MEET COMPLIANCE FOR FLAME SPREAD INDEX IN ACCORDANCE WITH ASTM E84 OR UL723 AS PER THE 2018 IBC SECTION 803.1.2 AND 803.1

FINISH SYMBOL

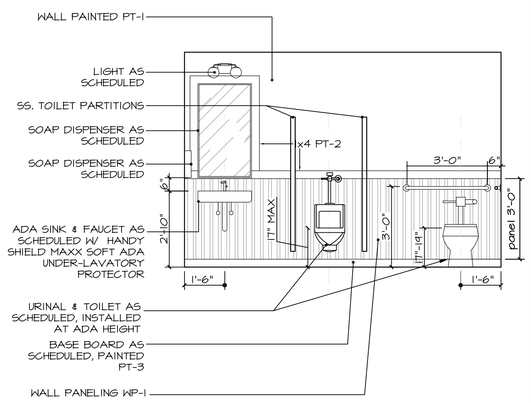
WALL — WALL FINISH.
BASE — BASE FINISH.
FLOOR — FLOOR FINISH.

GENERAL FINISH NOTES

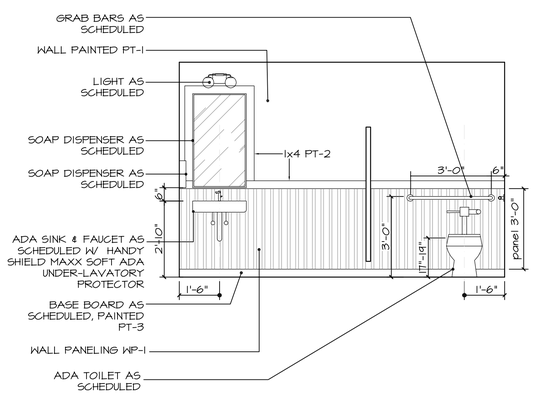
FINISH PLAN KEY NOTES

1. CEILING AND WALLS FINISH IS BY WALK-IN COOLER SUPPLIER
2. NO BASE BOARD, GYP. BD SANDED, NON-PAINTED
3. INSTALL WP-1 UP TO 36" IN RESTROOMS. REF. ELEVATIONS FOR MORE INFORMATION
4. INSTALL WP-2 UP TO 72" IN SHOPPING AREA. REF. ELEVATIONS FOR MORE INFORMATION
5. PAINT WALL ABOVE PANELS PT-3
6. PAINT SOFFIT ABOVE CASHIER STATION PT-3
7. INSTALL WP-3 AROUND PIZZA OVEN
8. REF. 2/A4.04 FOR SUN ROOM ELEVATION. WALLS TO HAVE WP-1 ON BOTTOM AND HARDIE SIDING, PT-3 ABOVE. CEILING TO BE BEAD-N-NBOARD, STAINED STN-1. REF. 2/A2.01 FOR CEILING DESIGN
9. INSTALL WP-5 ON THIS WALL. REF. 2/A3.01 FOR MORE INFORMATION

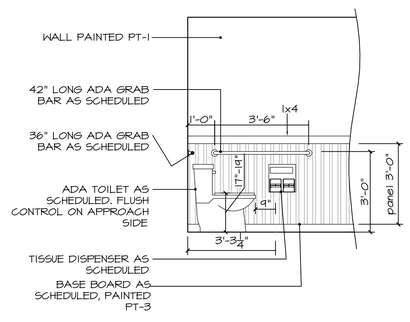
2 FINISH PLAN LEGEND



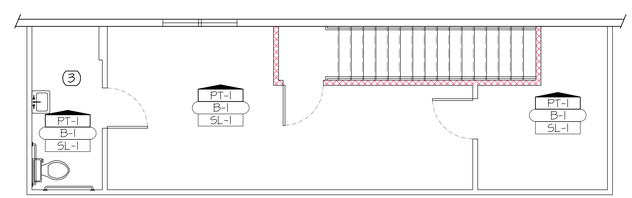
3 MEN RR ELEVATION SCALE: 3/8"=1'-0"



4 WOMEN RR ELEVATION SCALE: 3/8"=1'-0"



5 TYP. SIDE TOILET ELEVATION 3/8"=1'-0"



6 MEZZANINE FINISH PLAN SCALE: 3/16"=1'-0"

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 040401
REGISTERED ARCHITECT

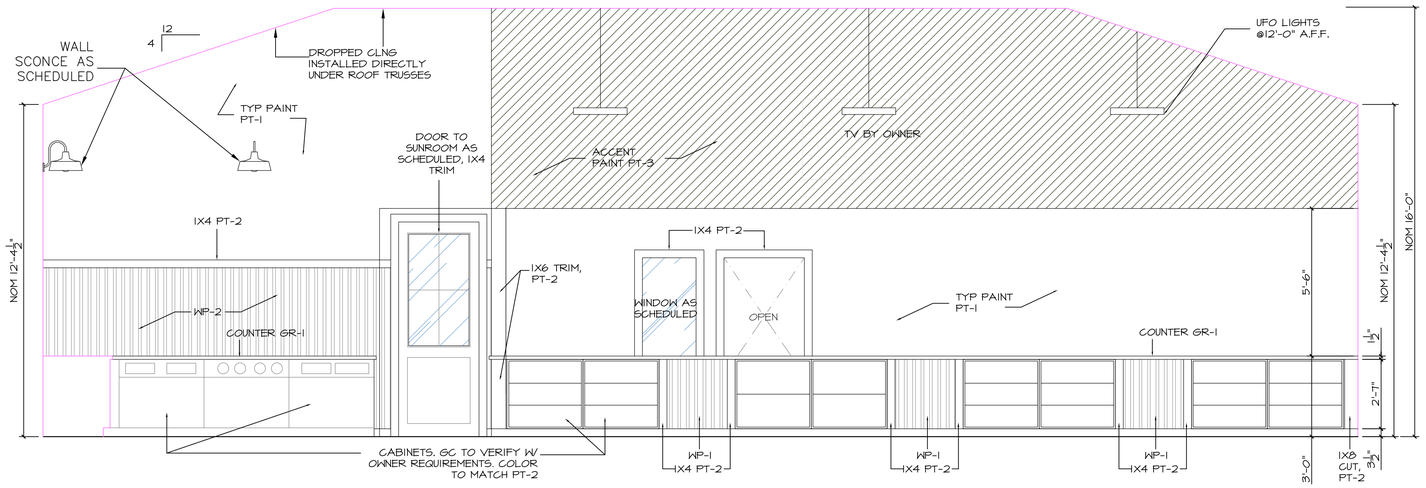
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
FINISH PLAN & INTERIOR ELEVATIONS

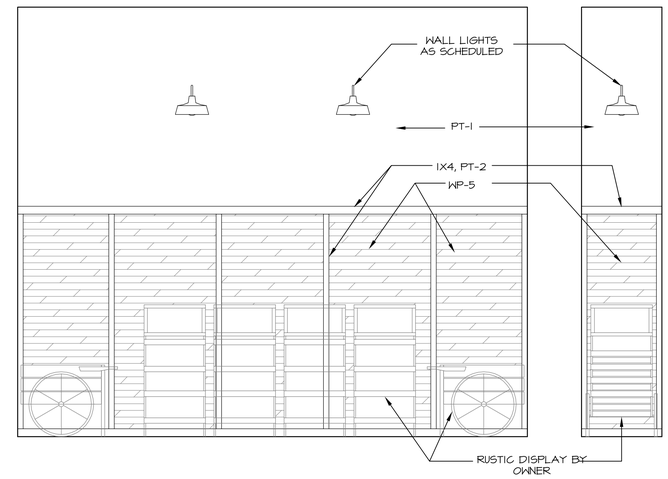
:ISSUE DATE:

:DRAWN BY:
DT

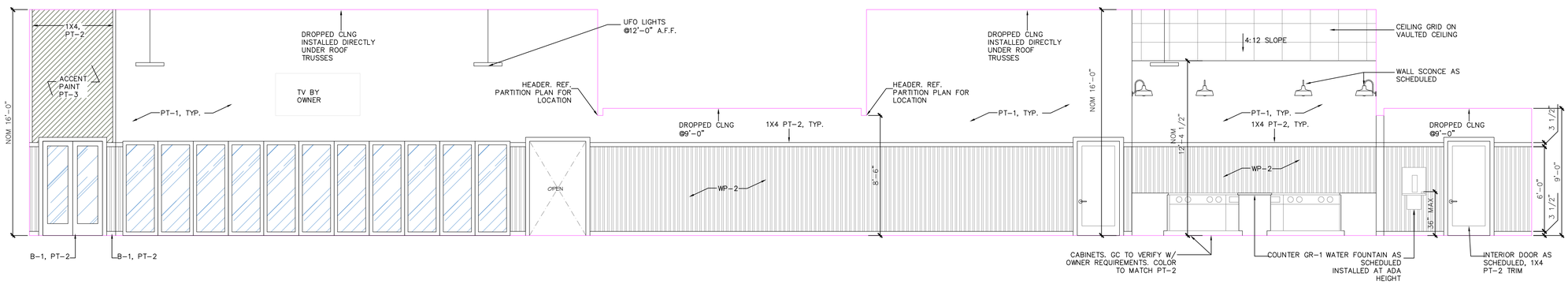
:SHEET NUMBER:
A3.00



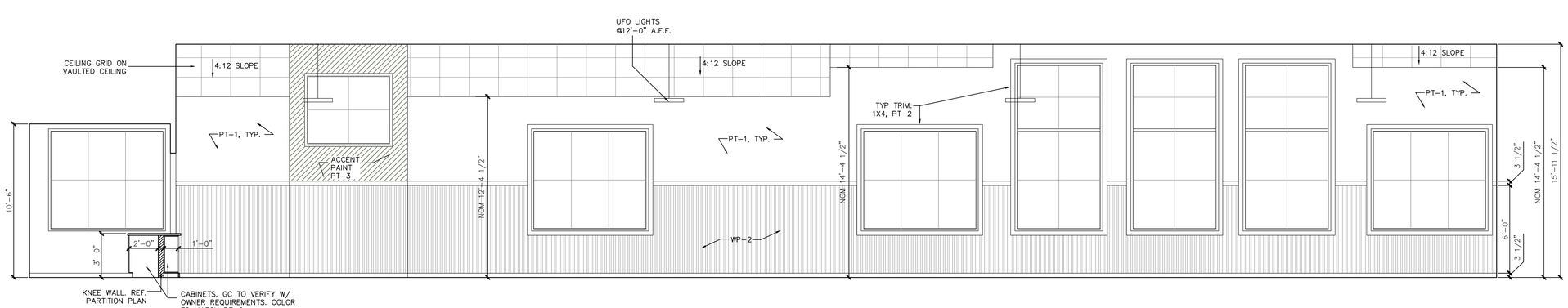
1 BEVERAGE COOLER AND CASHIER STATION ELEVATION



2 TYP ACCENT DISPLAY WALL SCALE: 3/8"=1'-0"



3 SHOPPING AREA, BACK WALL SCALE: 1/4"=1'-0"



4 SHOPPING AREA, FRONT WALL SCALE: 1/4"=1'-0"

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 026,026
REGISTERED ARCHITECT

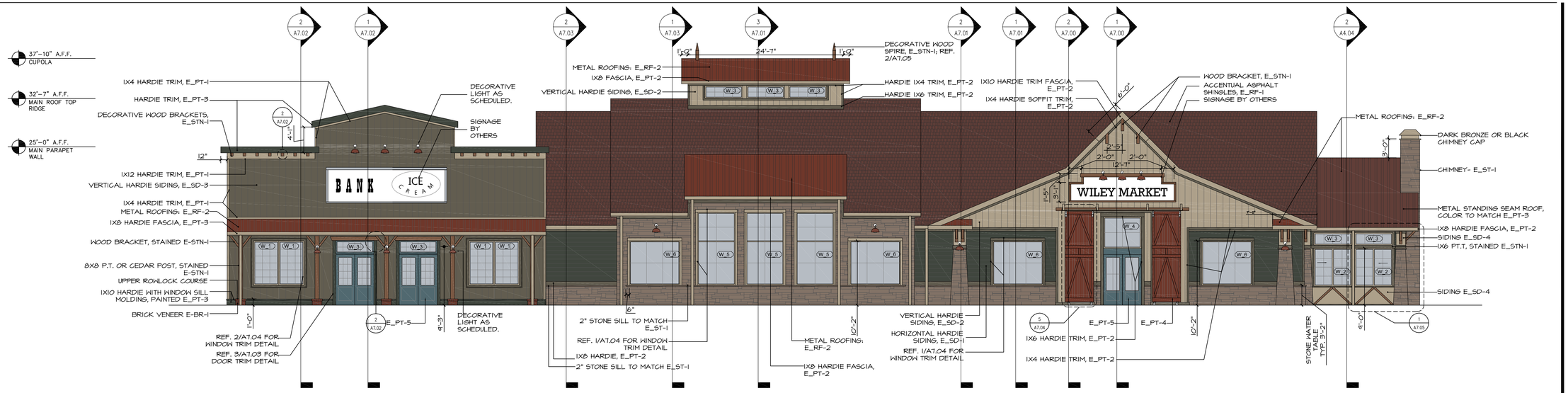
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
INTERIOR ELEVATIONS

:ISSUE DATE:

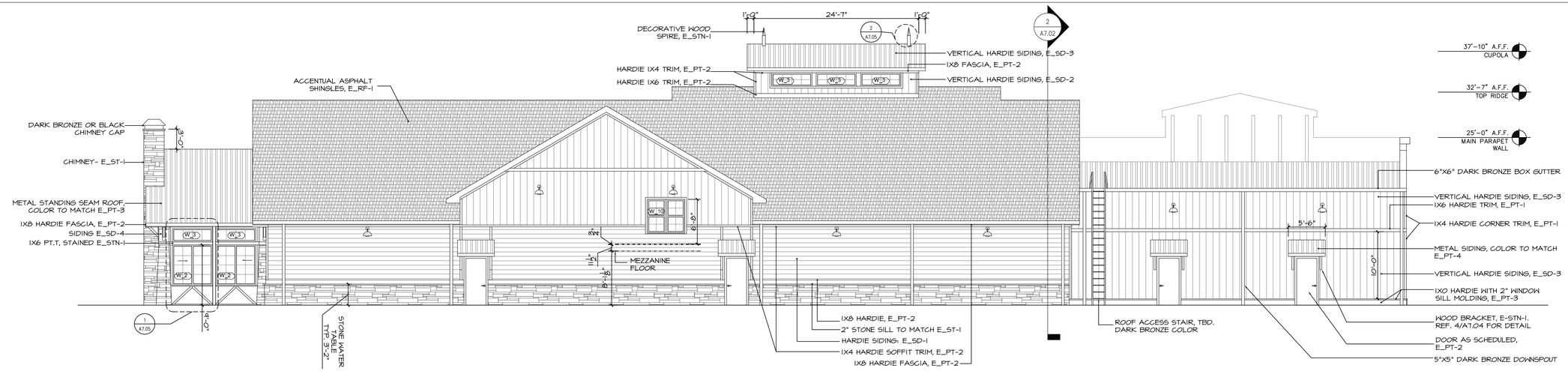
:DRAWN BY:
DT

:SHEET NUMBER:
A3.01



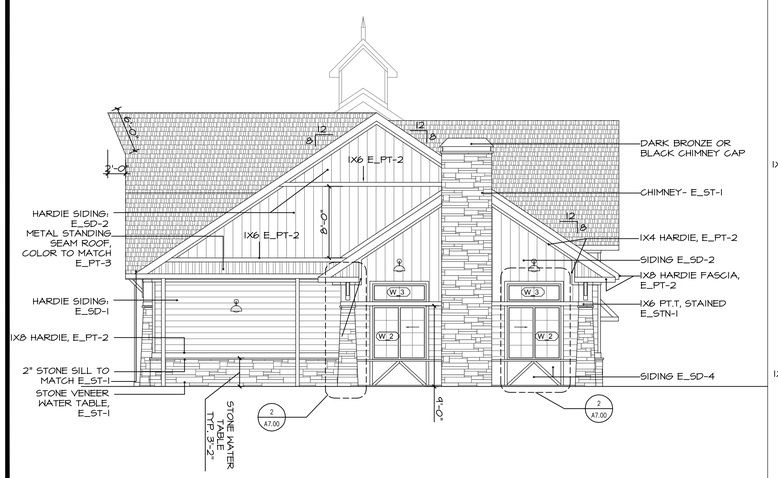
1 FRONT BUILDING ELEVATION

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



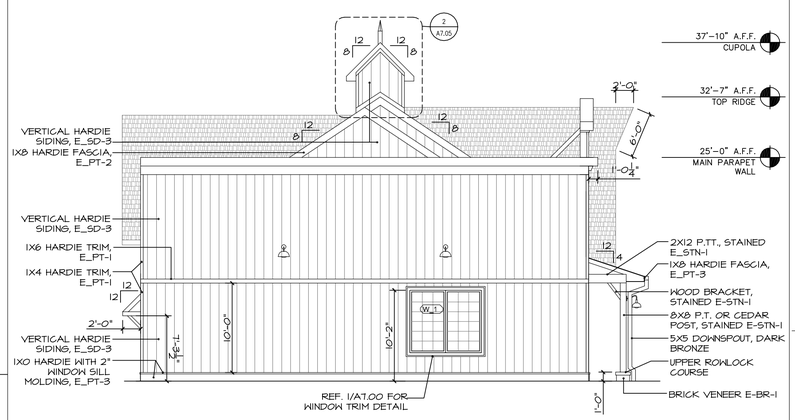
2 BACK BUILDING ELEVATION

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



3 LEFT BUILDING ELEVATION

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

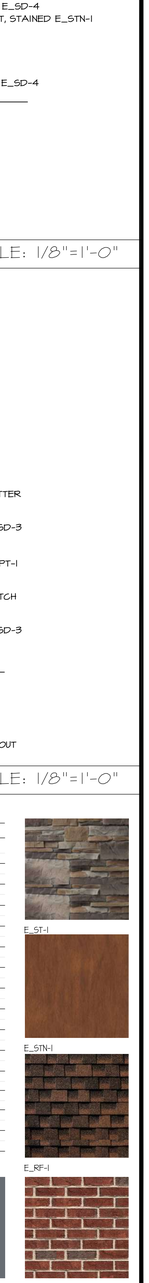


4 RIGHT BUILDING ELEVATION

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

FINISH SCHEDULE

	KEY	ITEM	MANUFACTURER	DESCRIPTION
EXTERIOR FINISHES	E_PT-1	EXTERIOR PAINT	SHERWIN WILLIAMS	SW 7501 THRESHOLD TAUPE
	E_PT-2	EXTERIOR PAINT	SHERWIN WILLIAMS	SW 7645 THUNDER GRAY
	E_PT-3	EXTERIOR PAINT	SHERWIN WILLIAMS	SW 2809 ROOKWOOD SHUTTER GREEN
	E_PT-3	EXTERIOR PAINT	SHERWIN WILLIAMS	SW 2802 ROOKWOOD RED
	E_PT-3	EXTERIOR PAINT	SHERWIN WILLIAMS	SW 7665 WALL STREET
	E_SD-1	COMPOSITE CEMENTOUS SIDING	HARDIE, PRIMED CEDARMILL LAP SIDING	COLOR TO MATCH E_PT-3
	E_SD-2	COMPOSITE CEMENTOUS SIDING	HARDIE, SMOOTH PANELS WITH 1.5" BUTTONS @24" O.C.	COLOR TO MATCH E_PT-1
	E_SD-3	COMPOSITE CEMENTOUS SIDING	HARDIE, SMOOTH PANELS WITH 1.5" BUTTONS @24" O.C.	COLOR TO MATCH E_PT-2
	E_SD-4	COMPOSITE CEMENTOUS SIDING	HARDIE, SMOOTH PANELS	COLOR TO MATCH E_PT-1
	E_BR-1	BRICK VENEER	TRIANGLE BRICK	COLOR: OXFORD, QUEEN SIZE, GRAY MORTAR: WADESBORO
	E_ST-1	STONE VENEER	HORIZON STONE	STYLE: OLDE WORLD STONE, COLOR: MOSSY CREEK STONE, DRY-STACKED
	E_STN-1	EXTERIOR STAIN	SHERWIN WILLIAMS	SW 3507 RIVERWOOD EXTERIOR SEMI-TRANSPARENT STAIN
	E_RF-1	ASPHALT SHINGLES	GAF	TIMBERLINE HDZ HICKORY ALGAE RESISTANT LAMINATED HIGH DEFINITION SHINGLES
	E_RF-2	METAL STANDING SEAM ROOF	TBD	COLOR TO MATCH E_PT-3
	ML-1	MISC METAL	TBD	DARK BRONZE



5 EXTERIOR FINISHES

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 0-0000
REGISTERED ARCHITECT

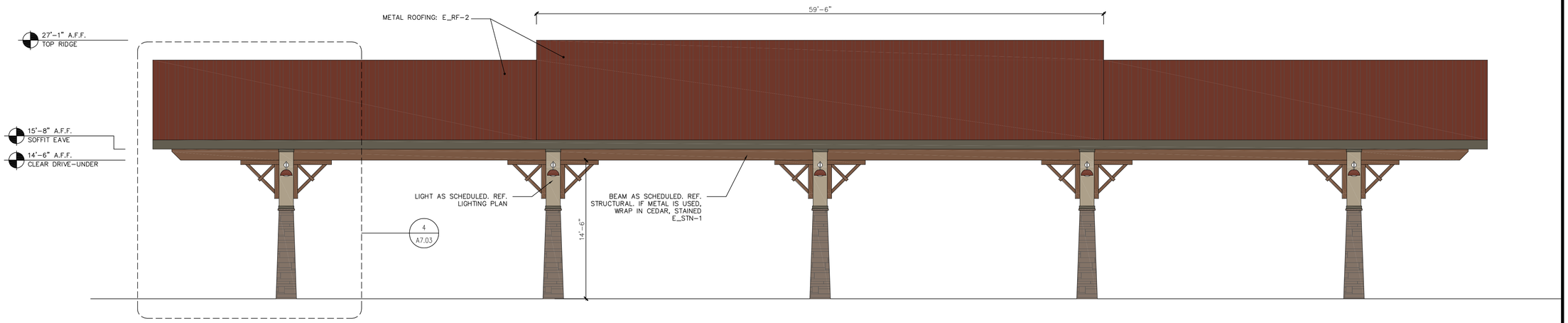
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
EXTERIOR BUILDING ELEVATIONS

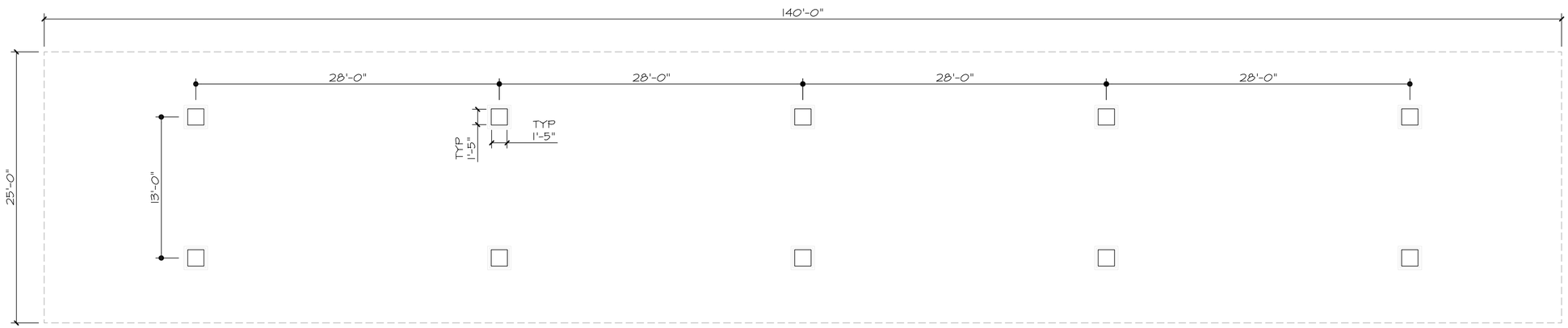
:ISSUE DATE:

:DRAWN BY:
DT

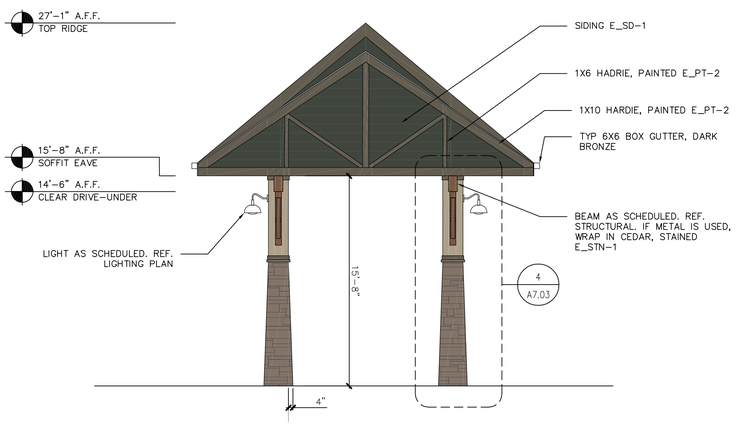
:SHEET NUMBER:
A4.00



1 GAS PUMP CANOPY FRONT ELEVATION SCALE: 1/8"=1'-0"



2 GAS PUMP CANOPY PLAN SCALE: 1/8"=1'-0"



3 GAS PUMP CANOPY SIDE ELEVATION SCALE: 3/16"=1'-0"

FINISH SCHEDULE

	KEY	ITEM	MANUFACTURER	DESCRIPTION
EXTERIOR FINISHES	E_PT-1	EXTERIOR PAINT	SHERWIN WILLIAMS	SW 7501 THRESHOLD TAUPE
	E_PT-2	EXTERIOR PAINT	SHERWIN WILLIAMS	SW 7645 THUNDER GRAY
	E_PT-3	EXTERIOR PAINT	SHERWIN WILLIAMS	SW 2809 ROOKWOOD SHUTTER GREEN
	E_PT-3	EXTERIOR PAINT	SHERWIN WILLIAMS	SW 2802 ROOKWOOD RED
	E_PT-3	EXTERIOR PAINT	SHERWIN WILLIAMS	SW 7665 WALL STREET
	E_SD-1	COMPOSITE CEMENTOUS SIDING	HARDIE, PRIMED CEDARMILL LAP SIDING	COLOR TO MATCH E_PT-3
	E_SD-2	COMPOSITE CEMENTOUS SIDING	HARDIE, SMOOTH PANELS WITH 1.5" BUTTONS @24" O.C.	COLOR TO MATCH E_PT-1
	E_SD-3	COMPOSITE CEMENTOUS SIDING	HARDIE, SMOOTH PANELS WITH 1.5" BUTTONS @24" O.C.	COLOR TO MATCH E_PT-2
	E_SD-4	COMPOSITE CEMENTOUS SIDING	HARDIE, SMOOTH PANELS	COLOR TO MATCH E_PT-1
	E_BR-1	BRICK VENEER	TRIANGLE BRICK	COLOR: OXFORD, QUEEN SIZE, GRAY MORTAR: WADESBORO
	E_ST-1	STONE VENEER	HORIZON STONE	STYLE: OLDE WORLD STONE, COLOR: MOSSY CREEK STONE, DRY-STACKED
	E_STN-1	EXTERIOR STAIN	SHERWIN WILLIAMS	SW 3507 RIVERWOOD EXTERIOR SEMI-TRANSPARENT STAIN
	E_RF-1	ASPHALT SHINGLES	GAF	TIMBERLINE HDZ HICKORY ALGAE RESISTANT LAMINATED HIGH DEFINITION SHINGLES
	E_RF-2	METAL STANDING SEAM ROOF	TBD	COLOR TO MATCH E_PT-3
	ML-1	MISC METAL	TBD	DARK BRONZE

4 EXTERIOR FINISHES

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 0001500
REGISTERED ARCHITECT

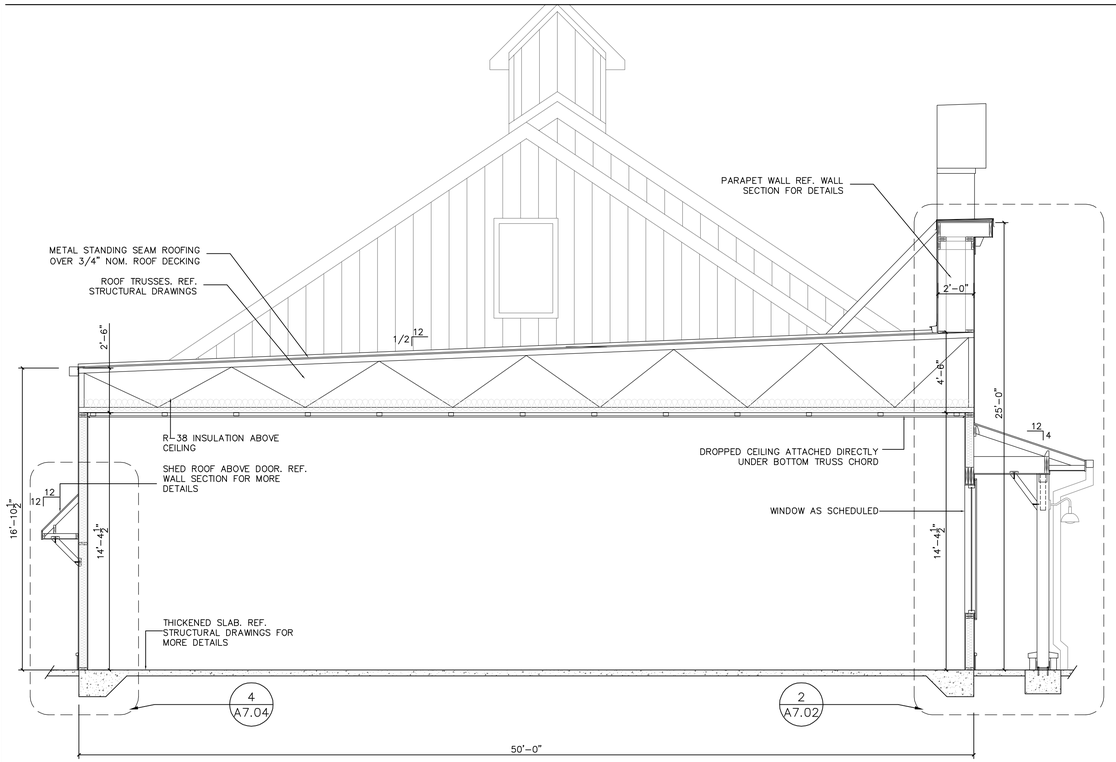
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
GAS PUMPS CANOPY ELEVATIONS

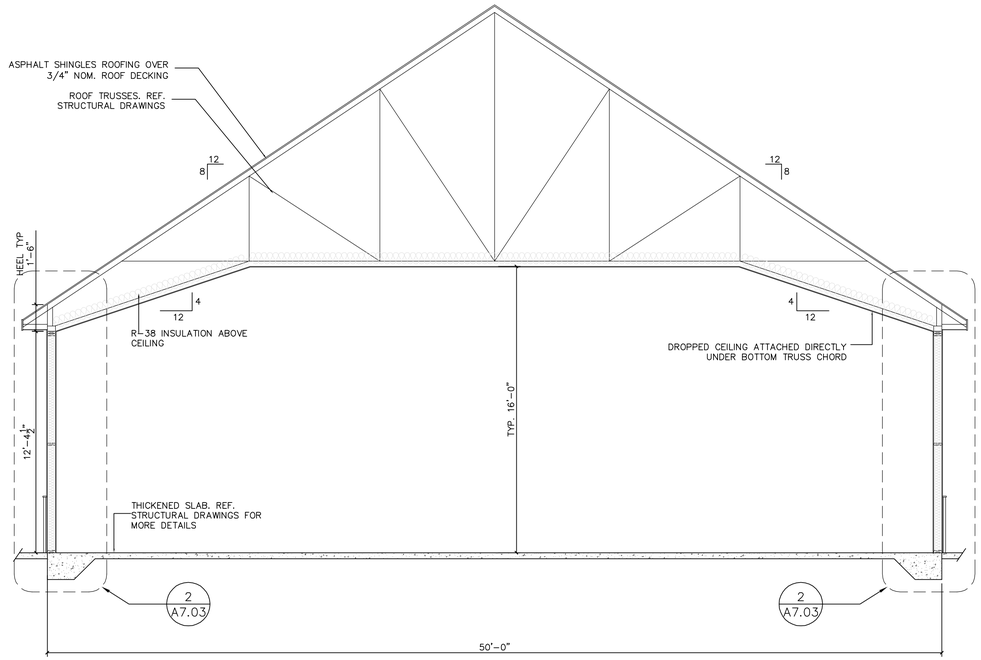
:ISSUE DATE:

:DRAWN BY:
DT

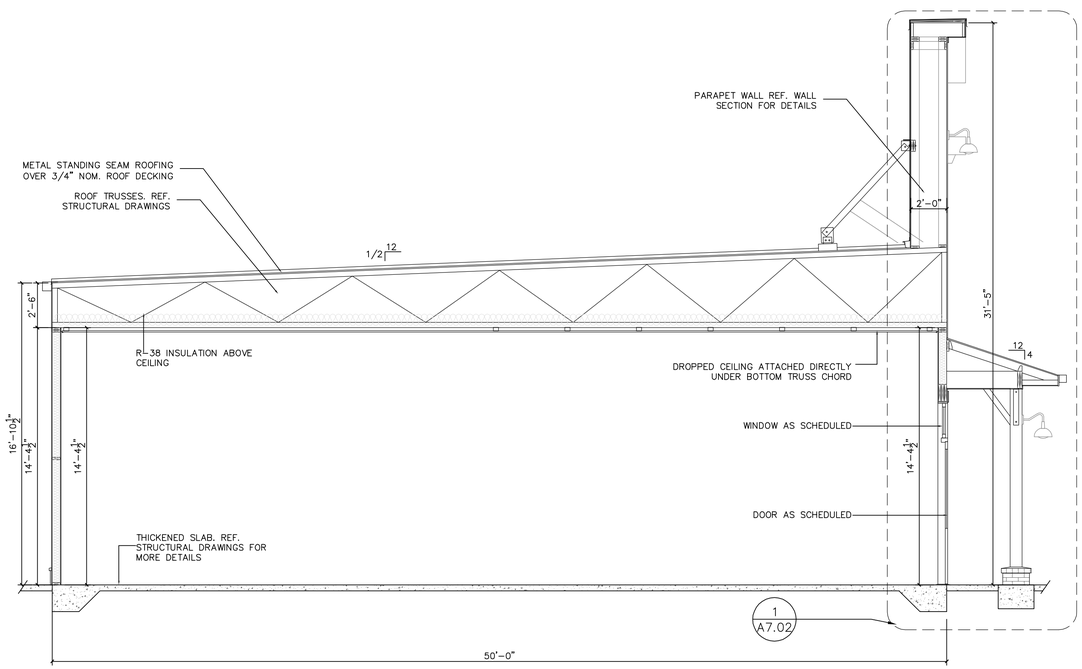
:SHEET NUMBER:
A4.01



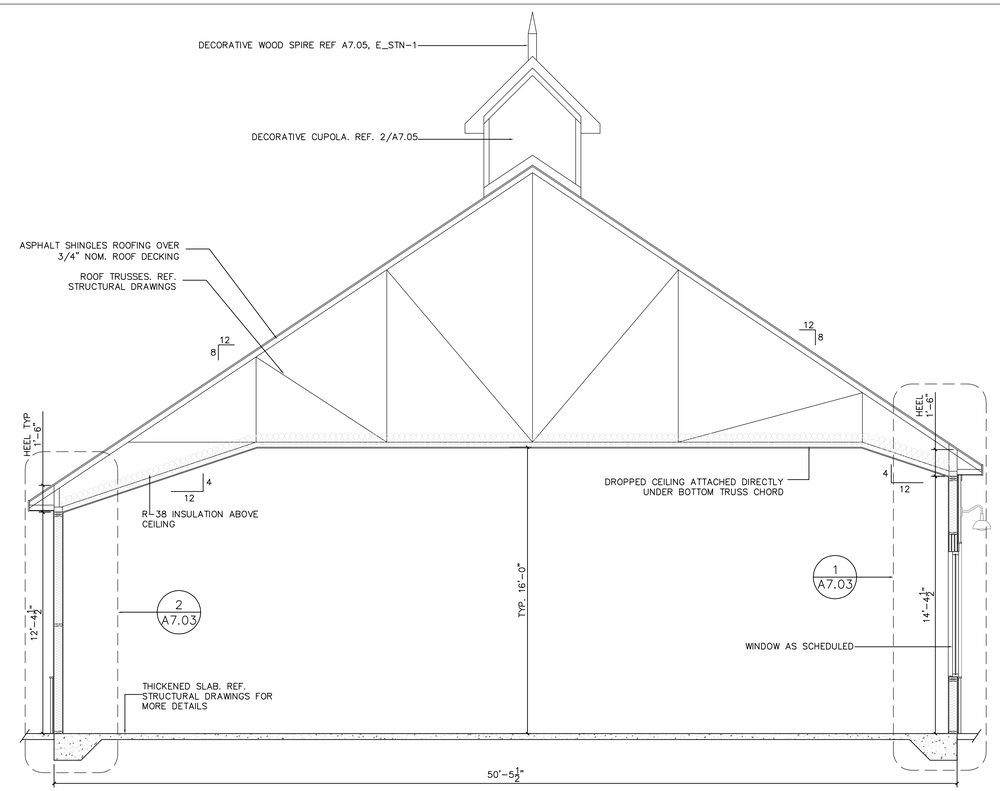
1 BUILDING SECTION SCALE: 1/4"=1'-0"



3 BUILDING SECTION SCALE: 1/4"=1'-0"



2 BUILDING SECTION SCALE: 1/4"=1'-0"



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

TREINIS ARCHITECTURE

PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 0.0.0.0.0.0
REGISTERED ARCHITECT

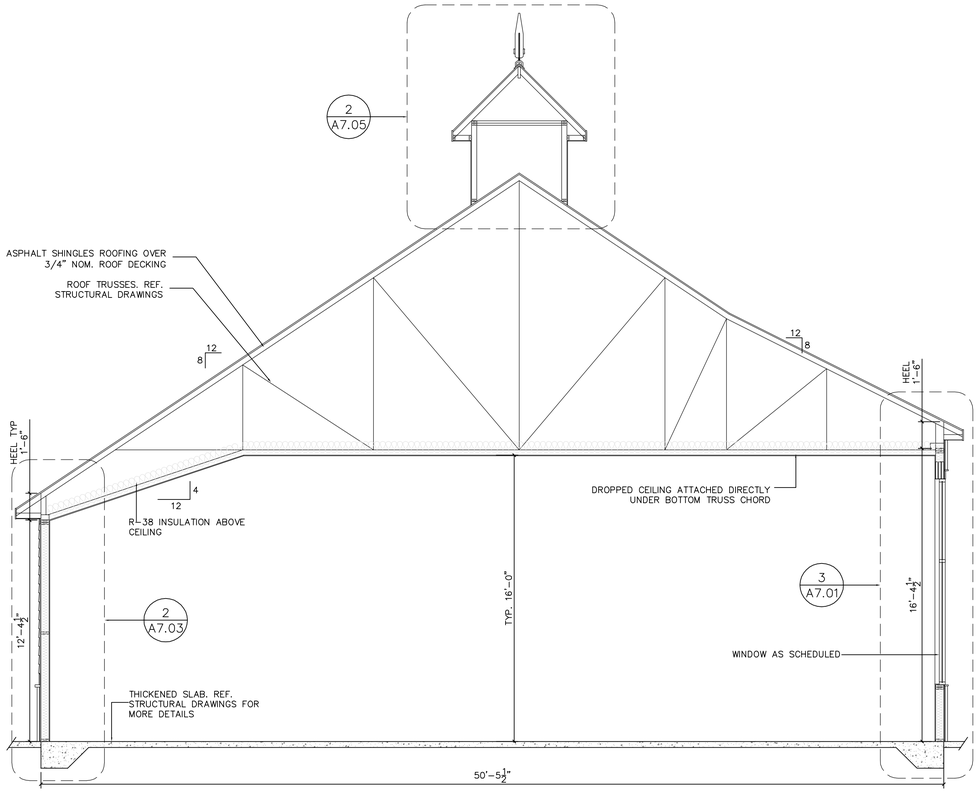
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
BUILDING SECTIONS

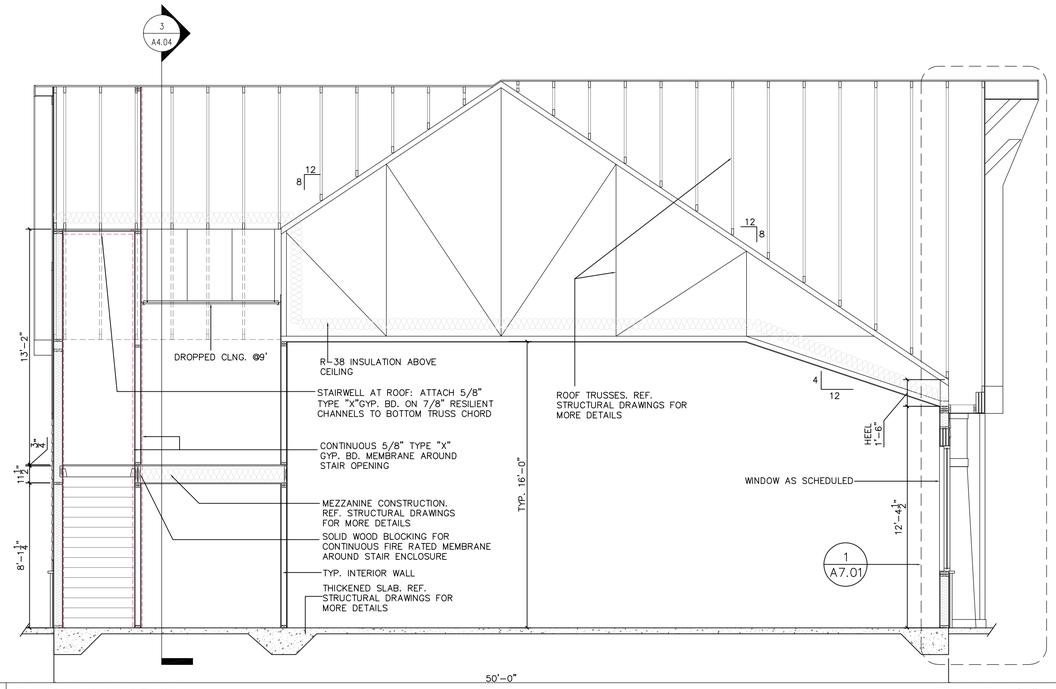
:ISSUE DATE:

:DRAWN BY:
DT

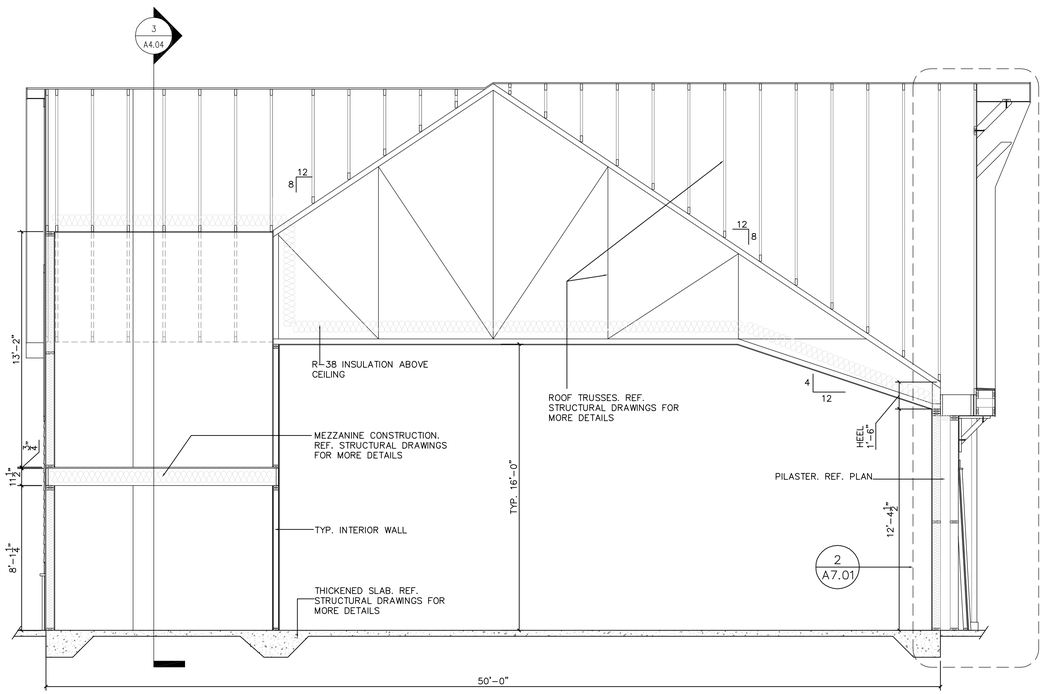
:SHEET NUMBER:
A4.02



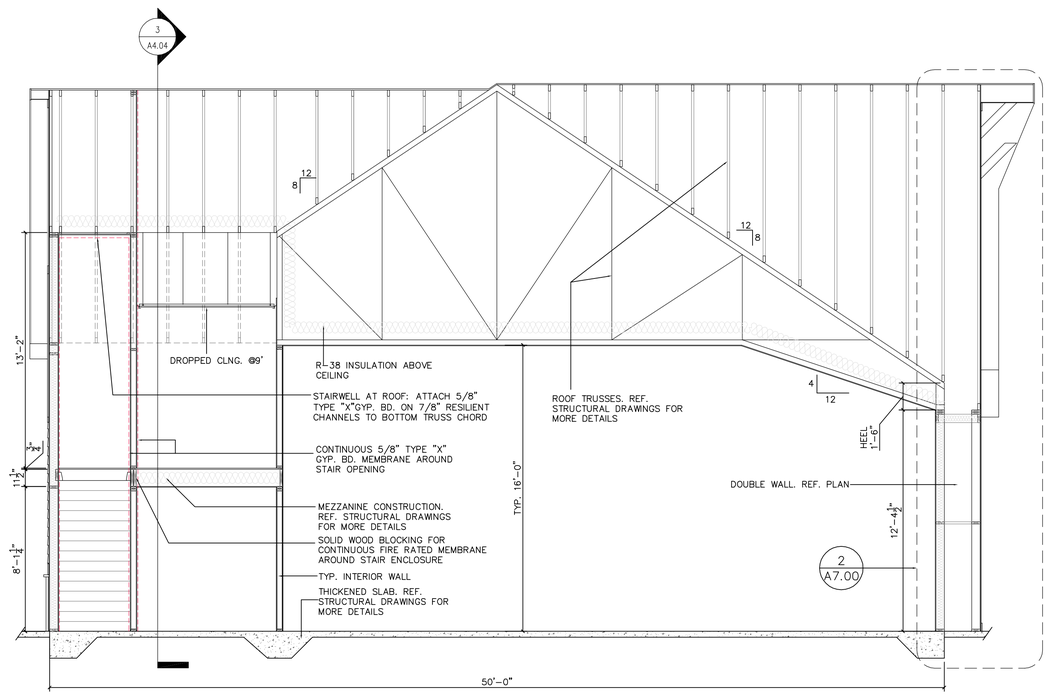
1 BUILDING SECTION SCALE: 1/4"=1'-0"



3 BUILDING SECTION SCALE: 1/4"=1'-0"



2 BUILDING SECTION SCALE: 1/4"=1'-0"



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

TREINIS ARCHITECTURE

PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.23	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. RA013232
REGISTERED ARCHITECT

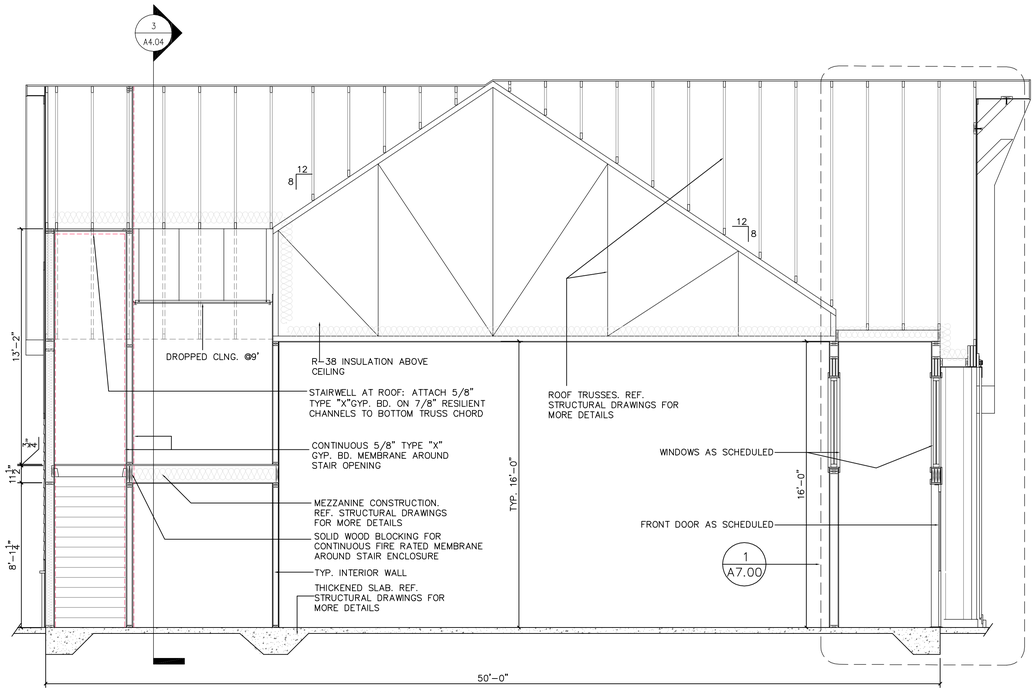
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
BUILDING SECTIONS

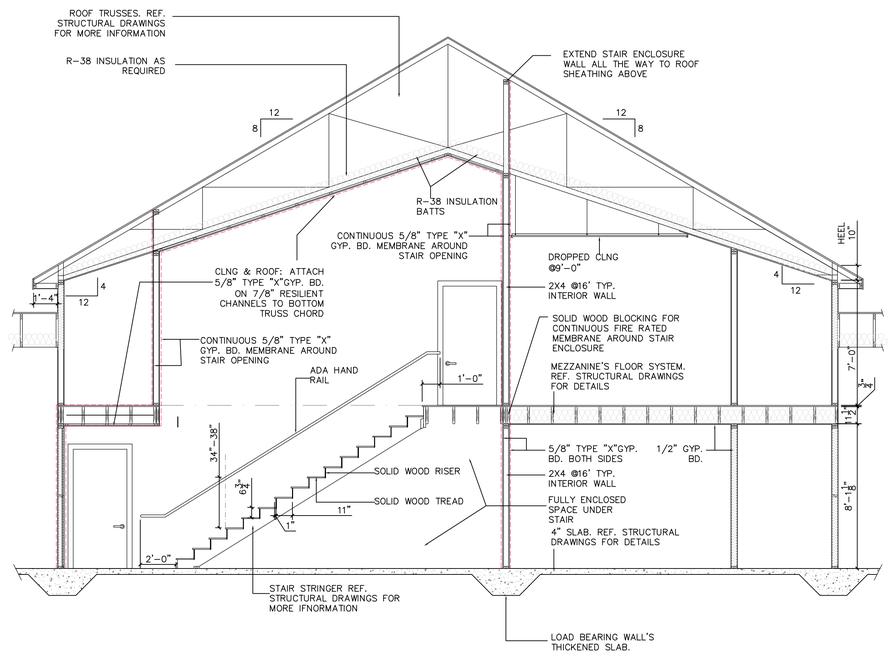
:ISSUE DATE:

:DRAWN BY:
DT

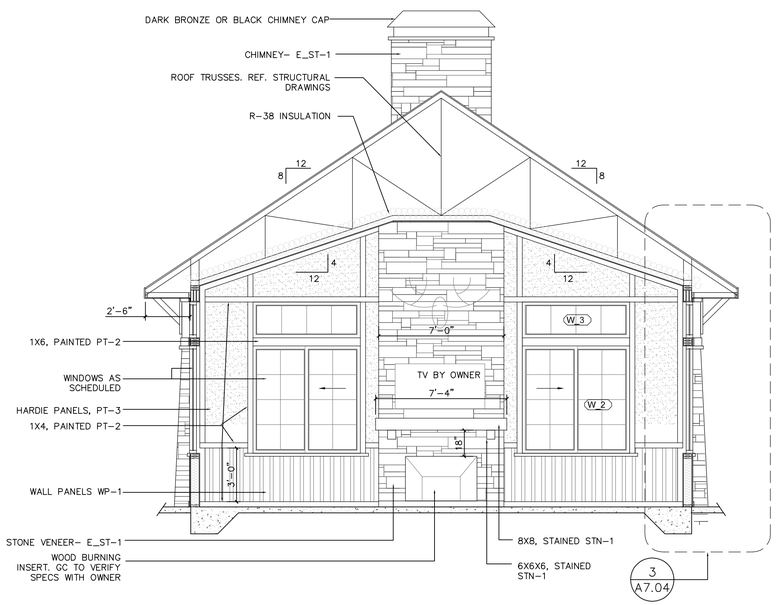
:SHEET NUMBER:
A4.03



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



3 BUILDING SECTION AT MEZZANINE SCALE: 1/4"=1'-0"



2 SUN ROOM SECTION SCALE: 1/4"=1'-0"

4 NOT USED SCALE: 1/4"=1'-0"

TREINIS ARCHITECTURE

PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 0000000
REGISTERED ARCHITECT

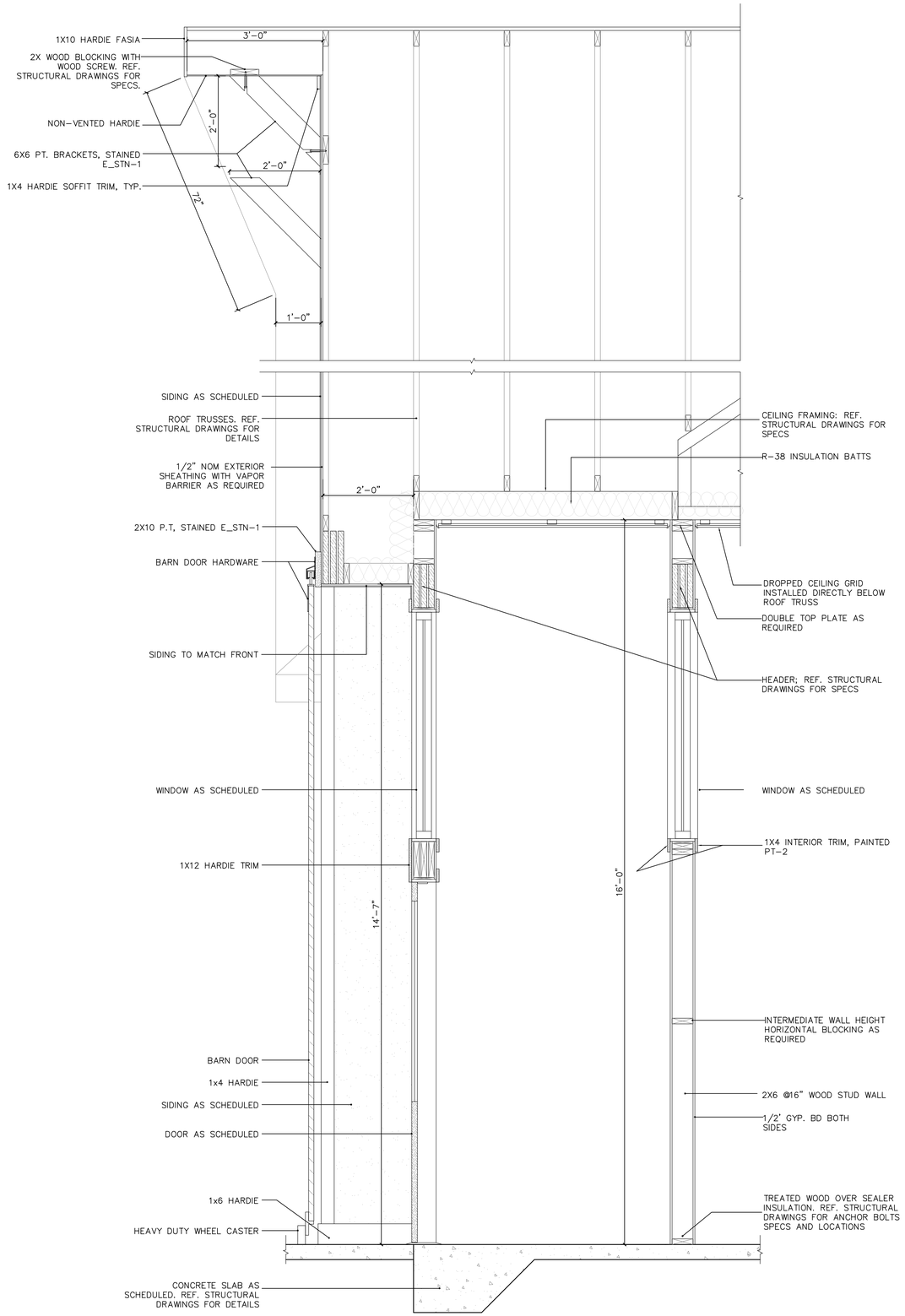
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
BUILDING SECTIONS

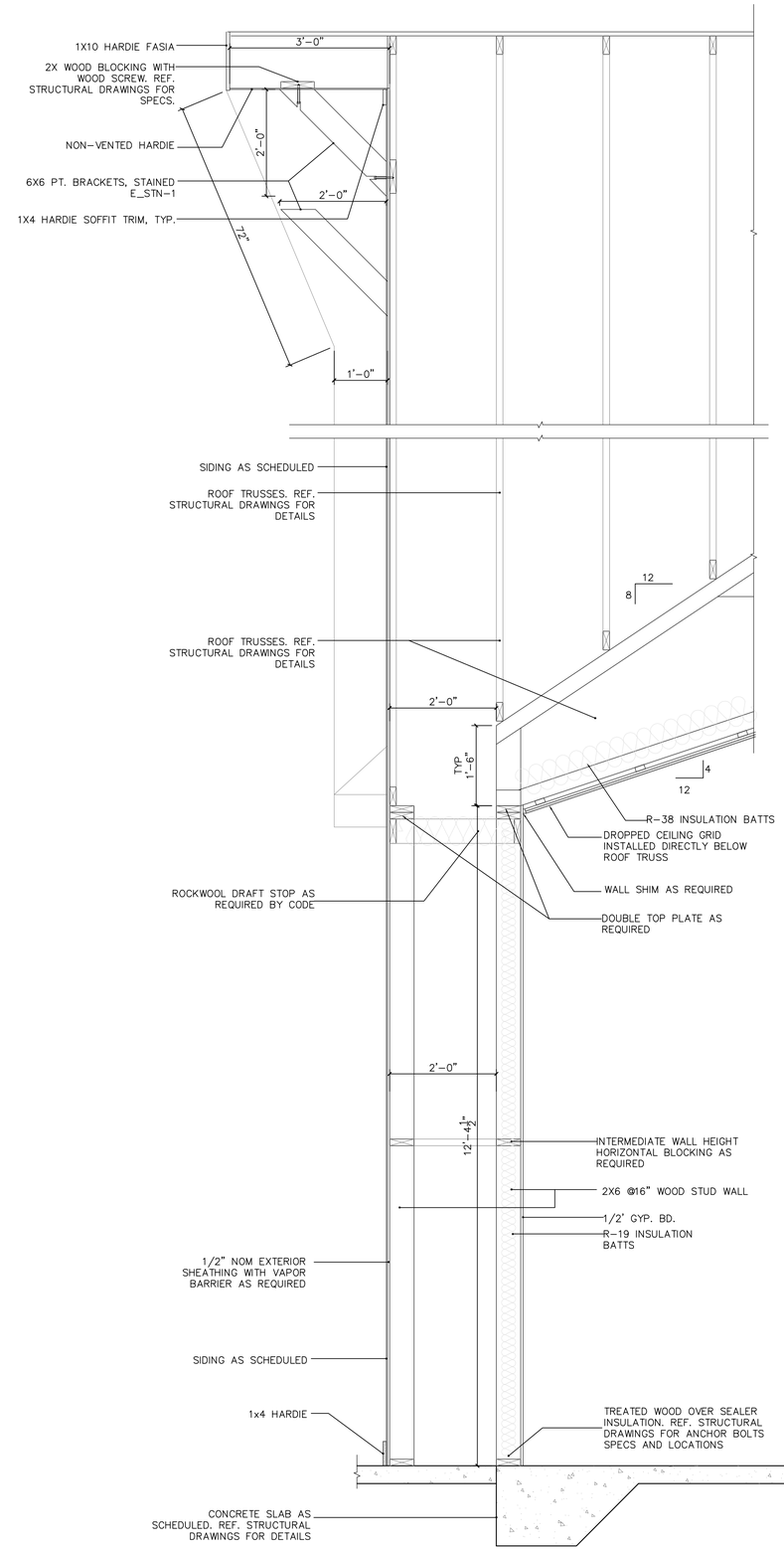
:ISSUE DATE:

:DRAWN BY:
DT

:SHEET NUMBER:
A4.04



1 EXTERIOR WALL SECTION SCALE: 3/4"=1'-0"



2 EXTERIOR WALL SECTION SCALE: 3/4"=1'-0"

TREINIS ARCHITECTURE

PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 018100
REGISTERED ARCHITECT

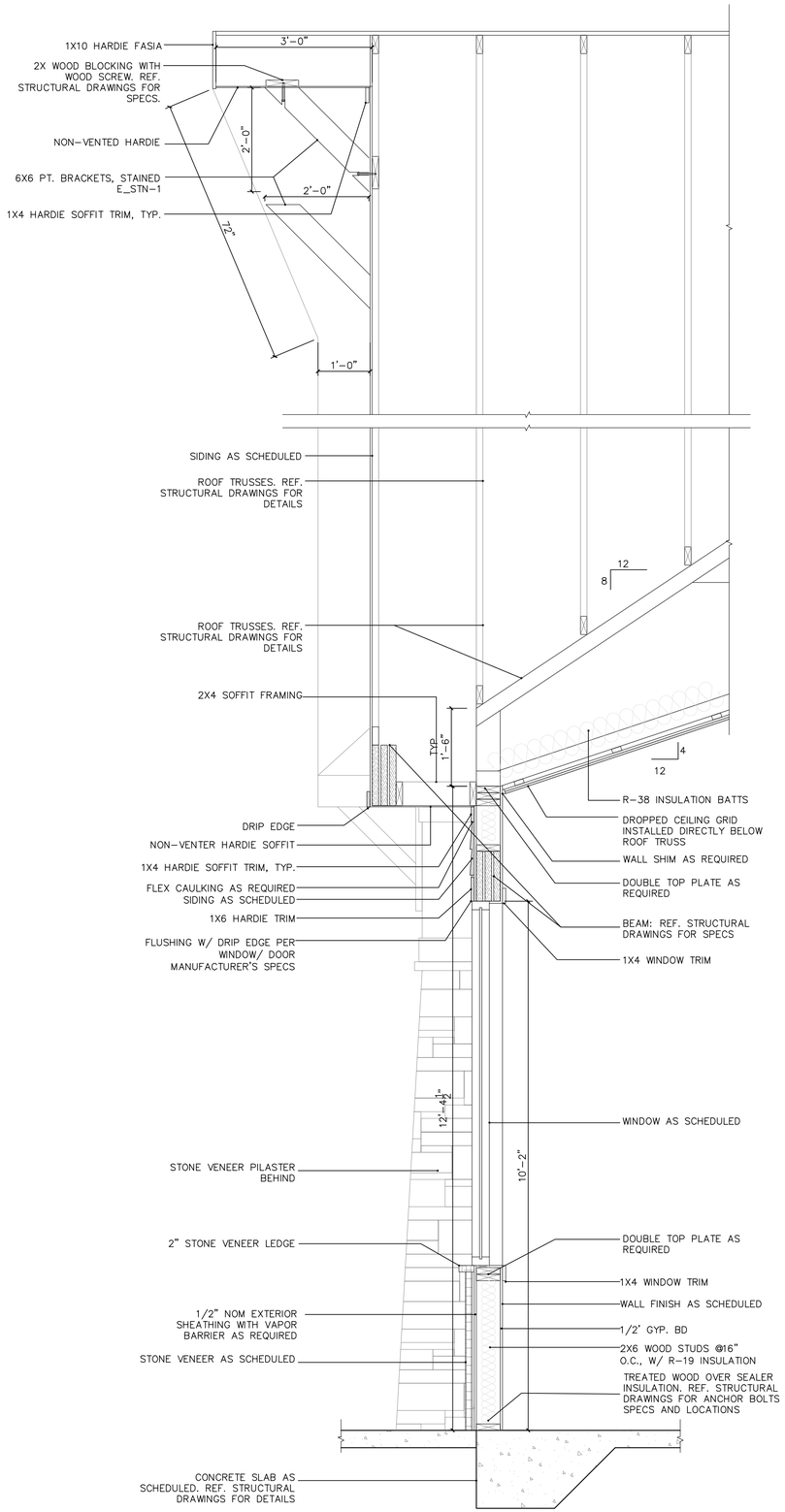
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
EXTERIOR WALL SECTIONS

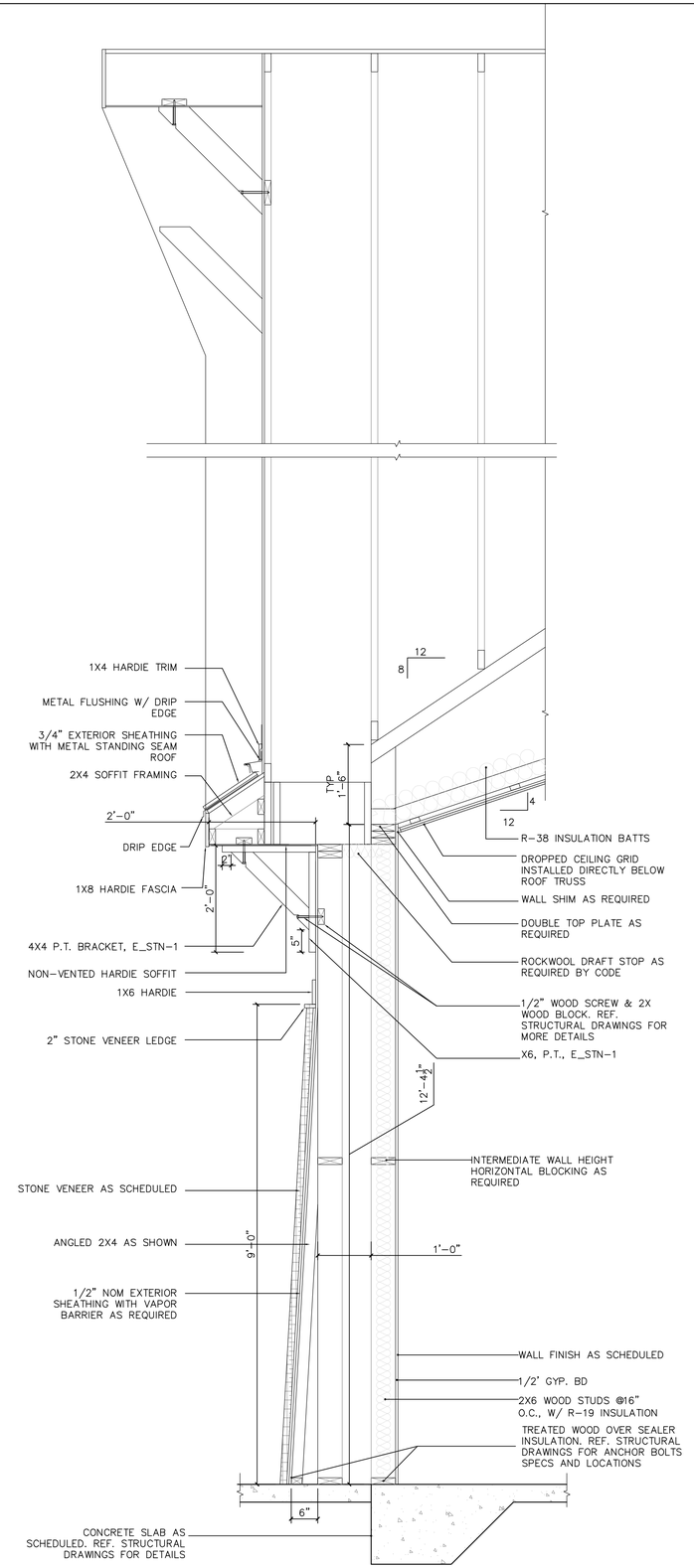
:ISSUE DATE:

:DRAWN BY:
DT

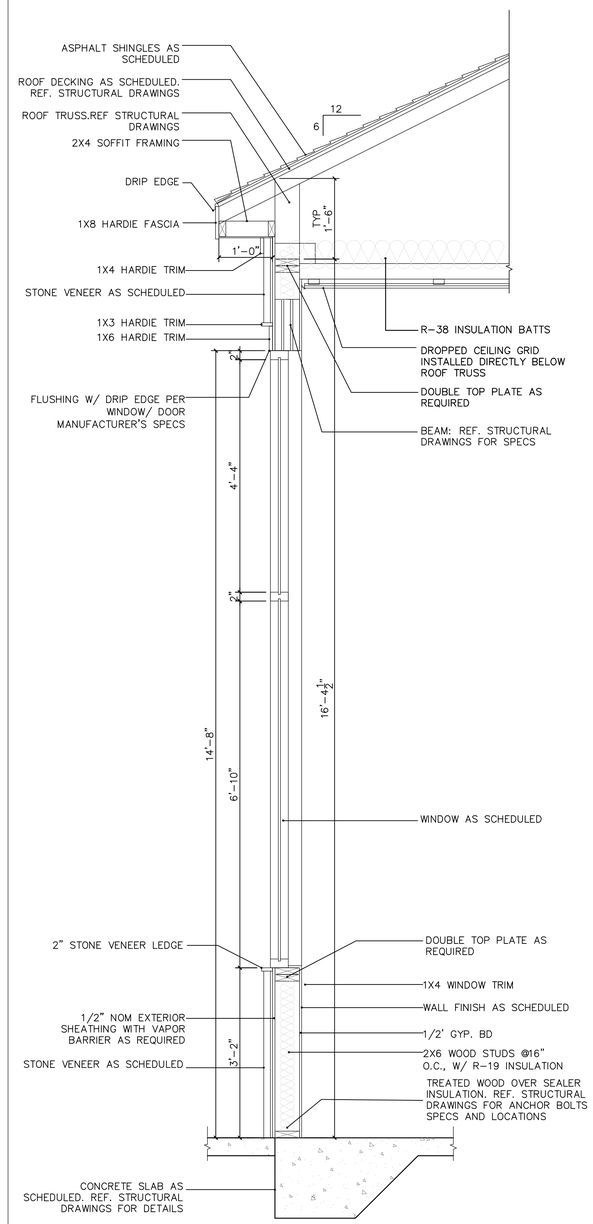
:SHEET NUMBER:
A7.00



1 EXTERIOR WALL SECTION SCALE: 3/4"=1'-0"



2 EXTERIOR WALL SECTION SCALE: 3/4"=1'-0"



3 EXTERIOR WALL SECTION SCALE: 3/4"=1'-0"

TREINIS ARCHITECTURE

PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
REGISTERED ARCHITECT

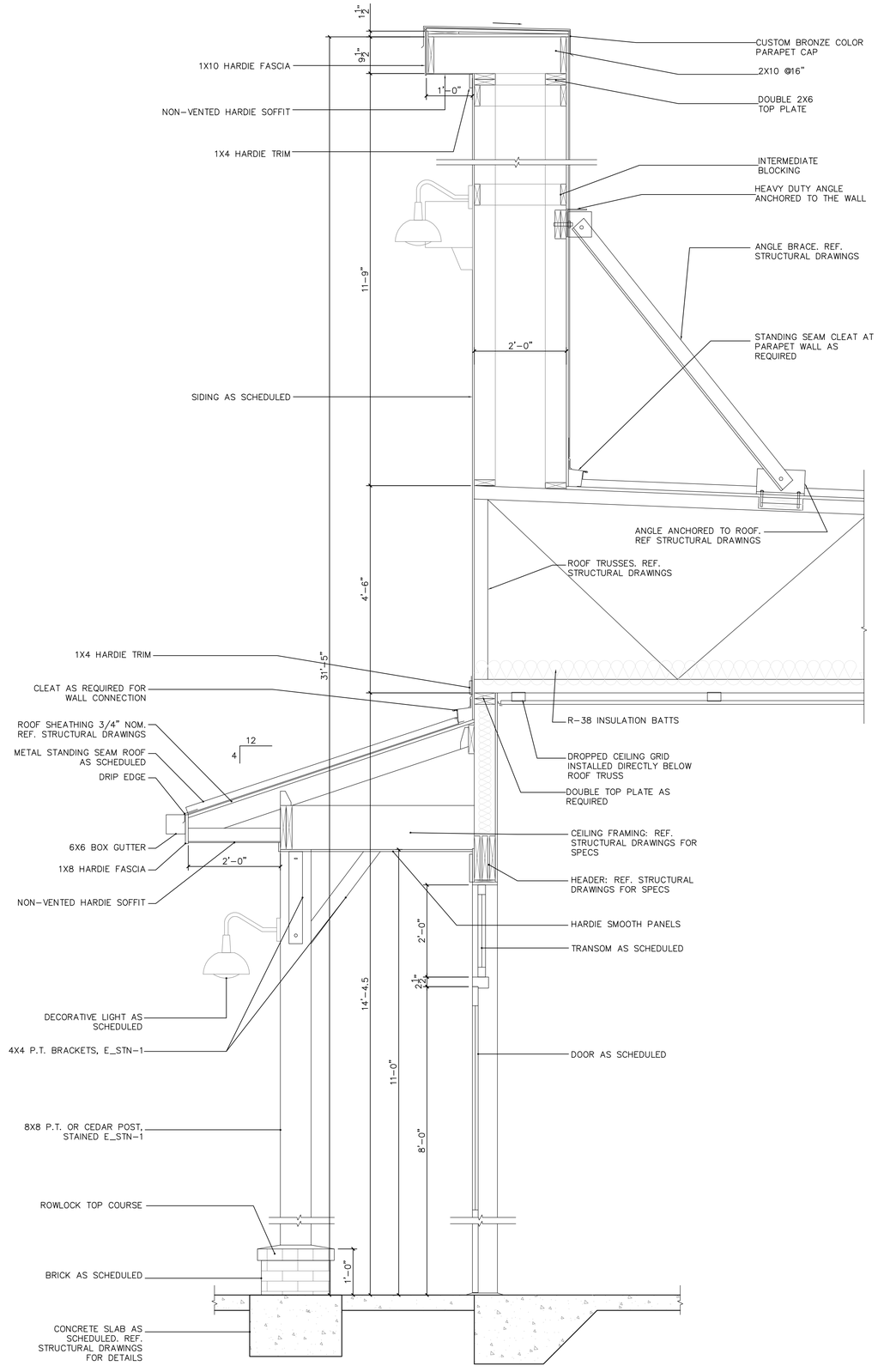
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
EXTERIOR WALL SECTIONS

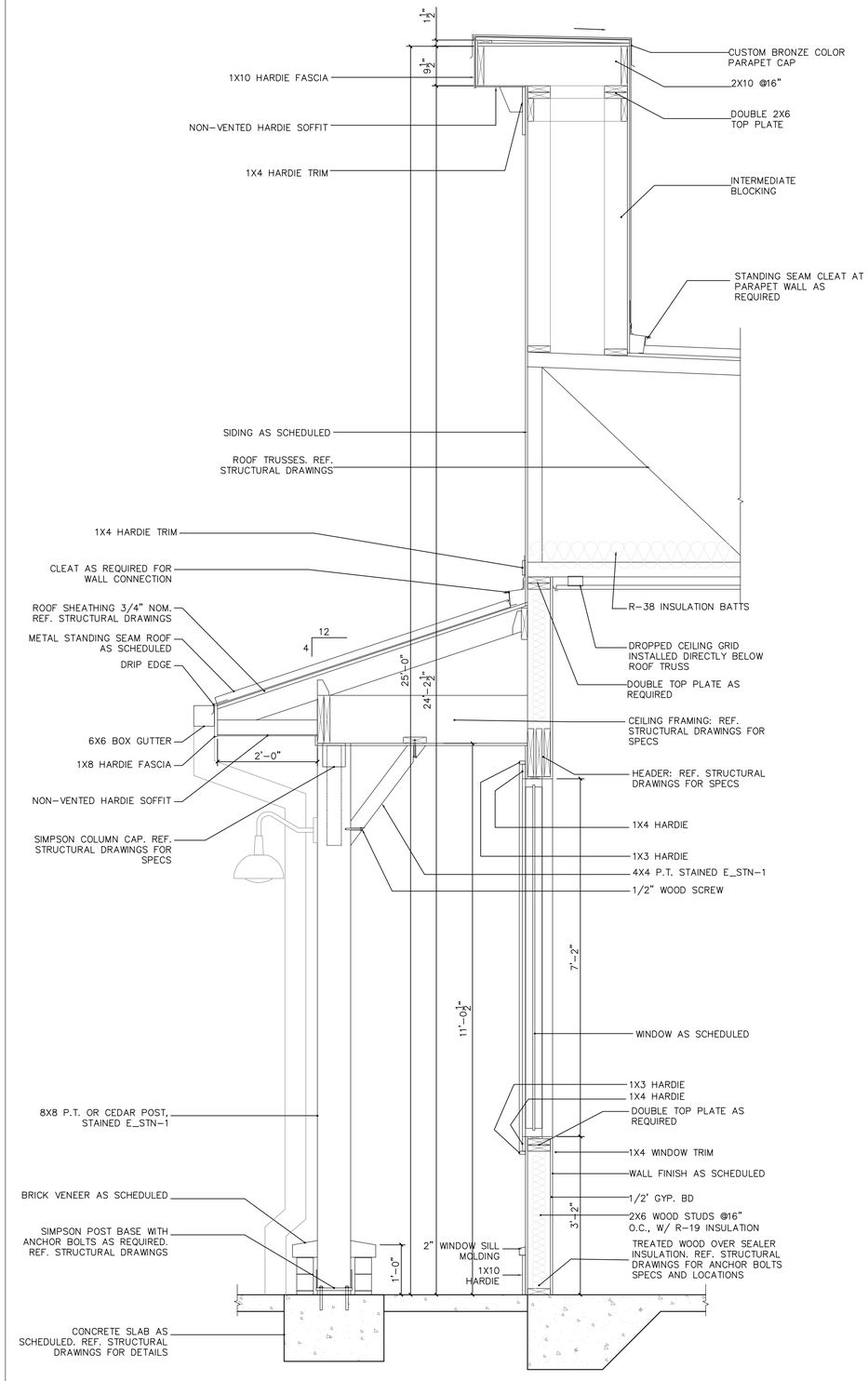
:ISSUE DATE:

:DRAWN BY:
DT

:SHEET NUMBER:
A7.01



1 WALL SECTION SCALE: 3/4"=1'-0"



2 WALL SECTION SCALE: 3/4"=1'-0"

TREINIS ARCHITECTURE

PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 0-15-0-13-0-0
REGISTERED ARCHITECT

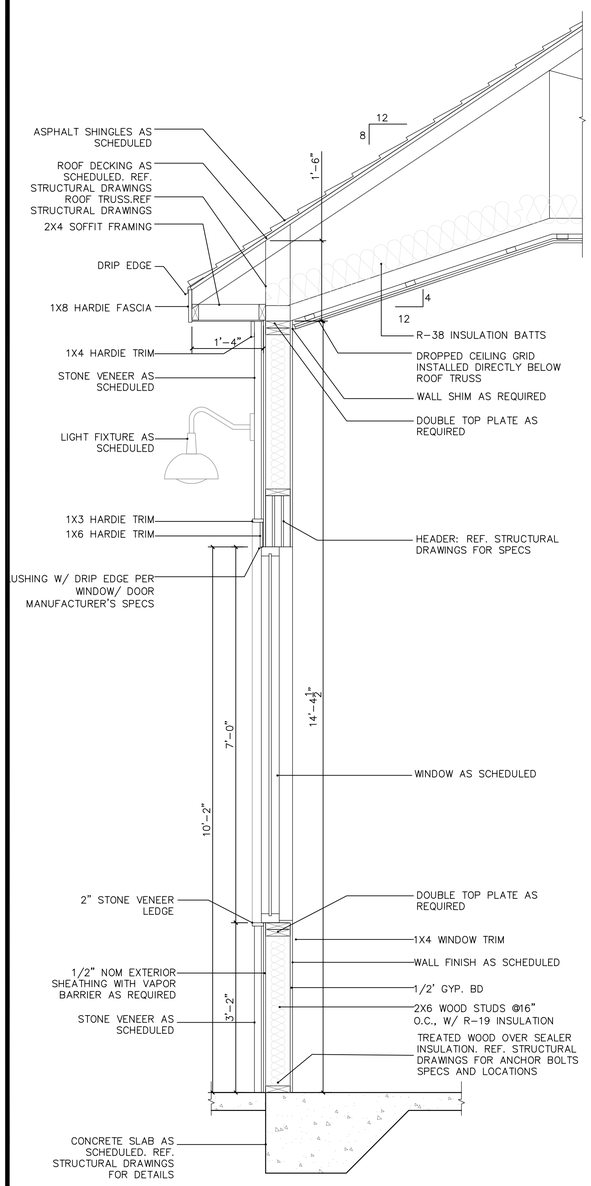
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
EXTERIOR WALL SECTIONS

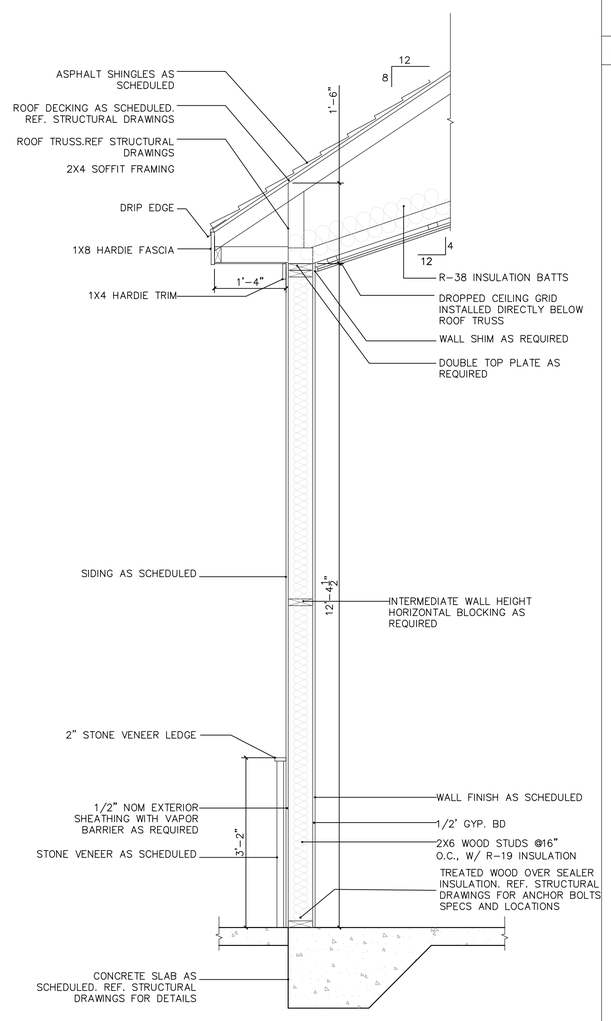
:ISSUE DATE:

:DRAWN BY:
DT

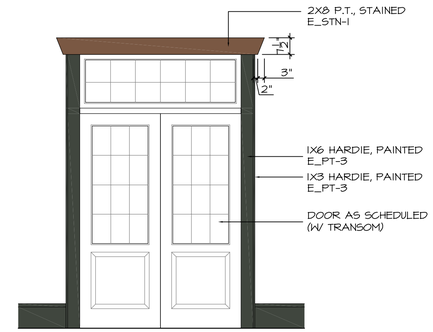
:SHEET NUMBER:
A7.02



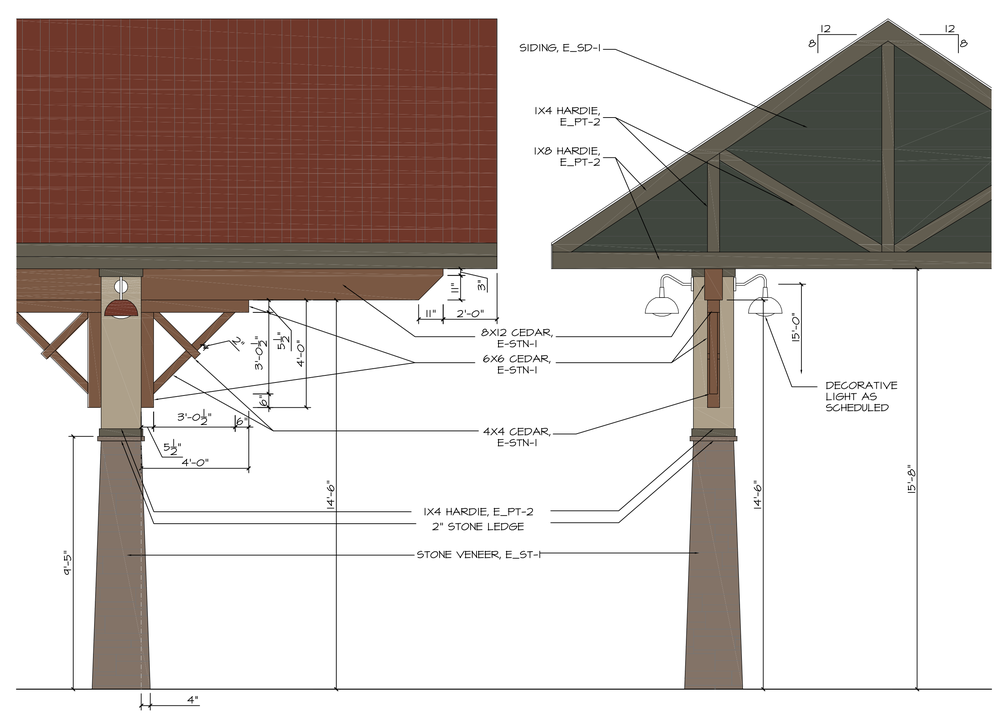
1 EXTERIOR WALL SECTION



2 EXTERIOR WALL SECTION



3 WHITE BOX TENANT ENTRY DOOR TRIM DETAIL SCALE: 3/4"=1'-0"



4 GAS CANOPY DETAIL SCALE: 3/4"=1'-0"

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 0802024
REGISTERED ARCHITECT

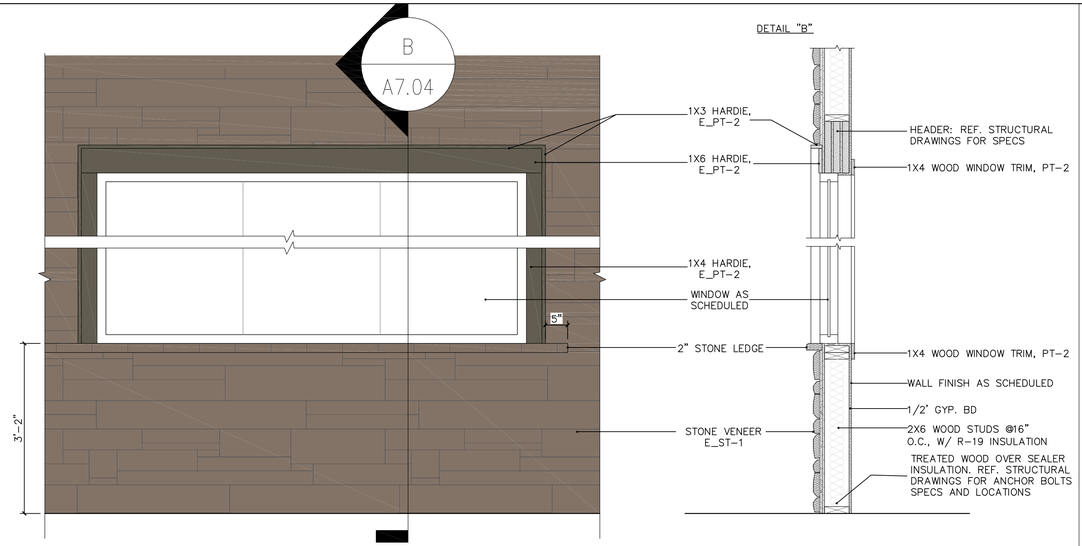
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
EXTERIOR WALL SECTIONS

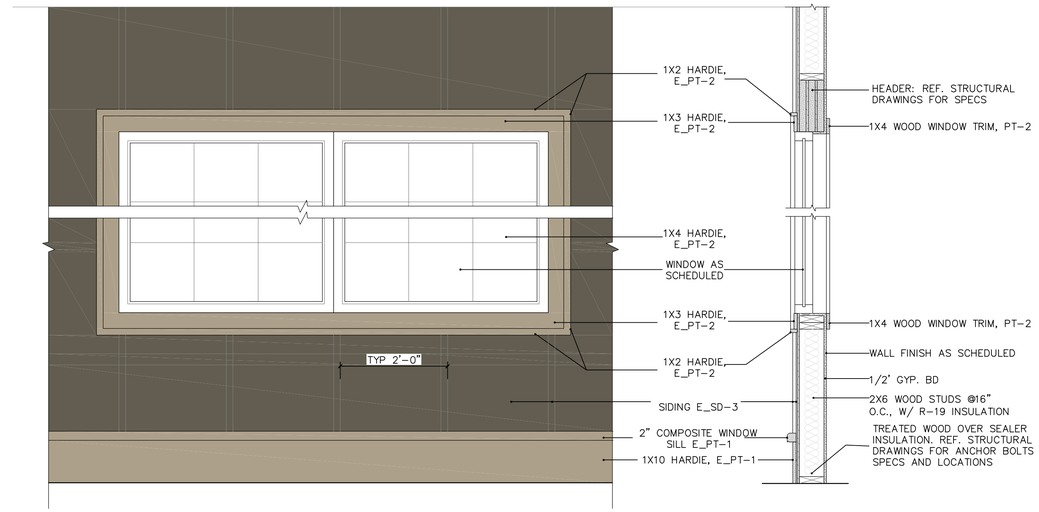
:ISSUE DATE:

:DRAWN BY:
DT

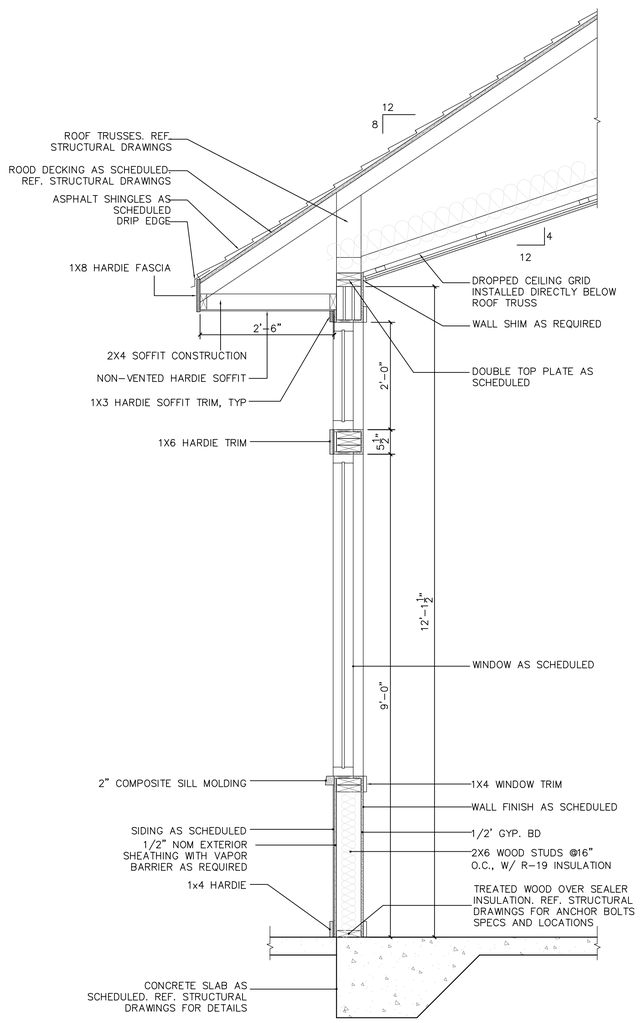
:SHEET NUMBER:
A7.03



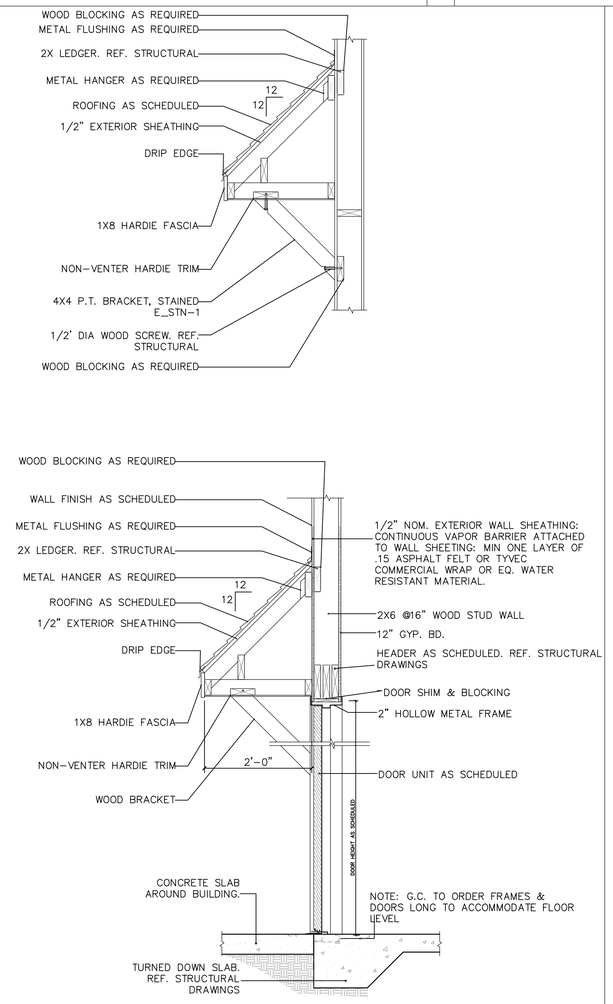
1 TYP. WINDOW TRIM DETAIL AT STONE VENEER SCALE: 3/4"=1'-0"



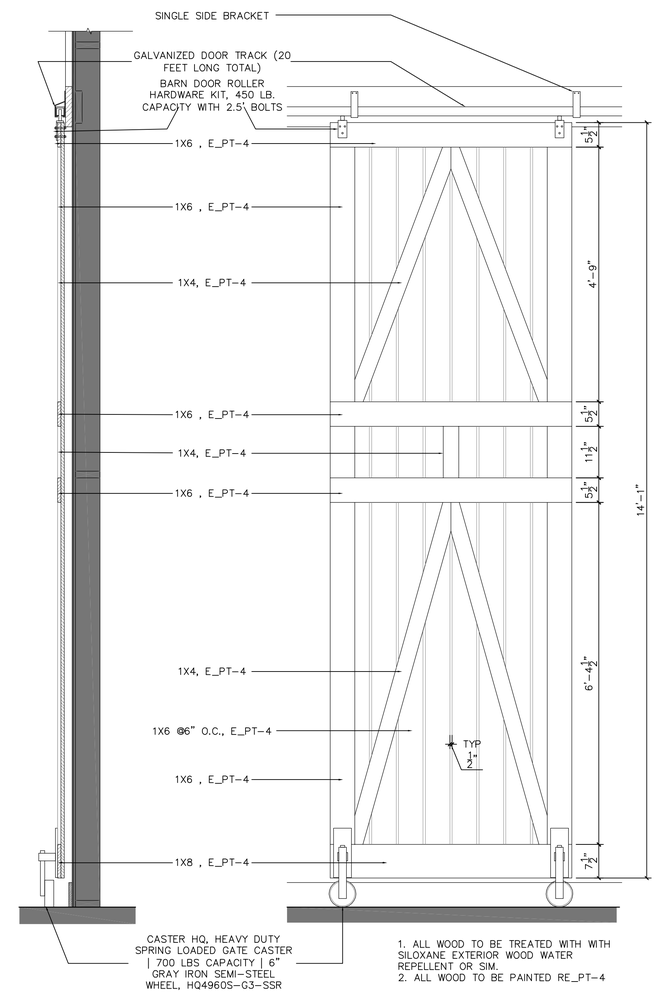
2 TYP. WINDOW TRIM DETAIL AT WHITE BOX SCALE: 3/4"=1'-0"



3 EXTERIOR WALL SECTION SCALE: 3/4"=1'-0"



4 BACK DOOR ROOF DETAILS SCALE: 3/4"=1'-0"



5 FRONT ENTRY BARN DOOR DETAIL SCALE: 3/4"=1'-0"

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 0261552
REGISTERED ARCHITECT

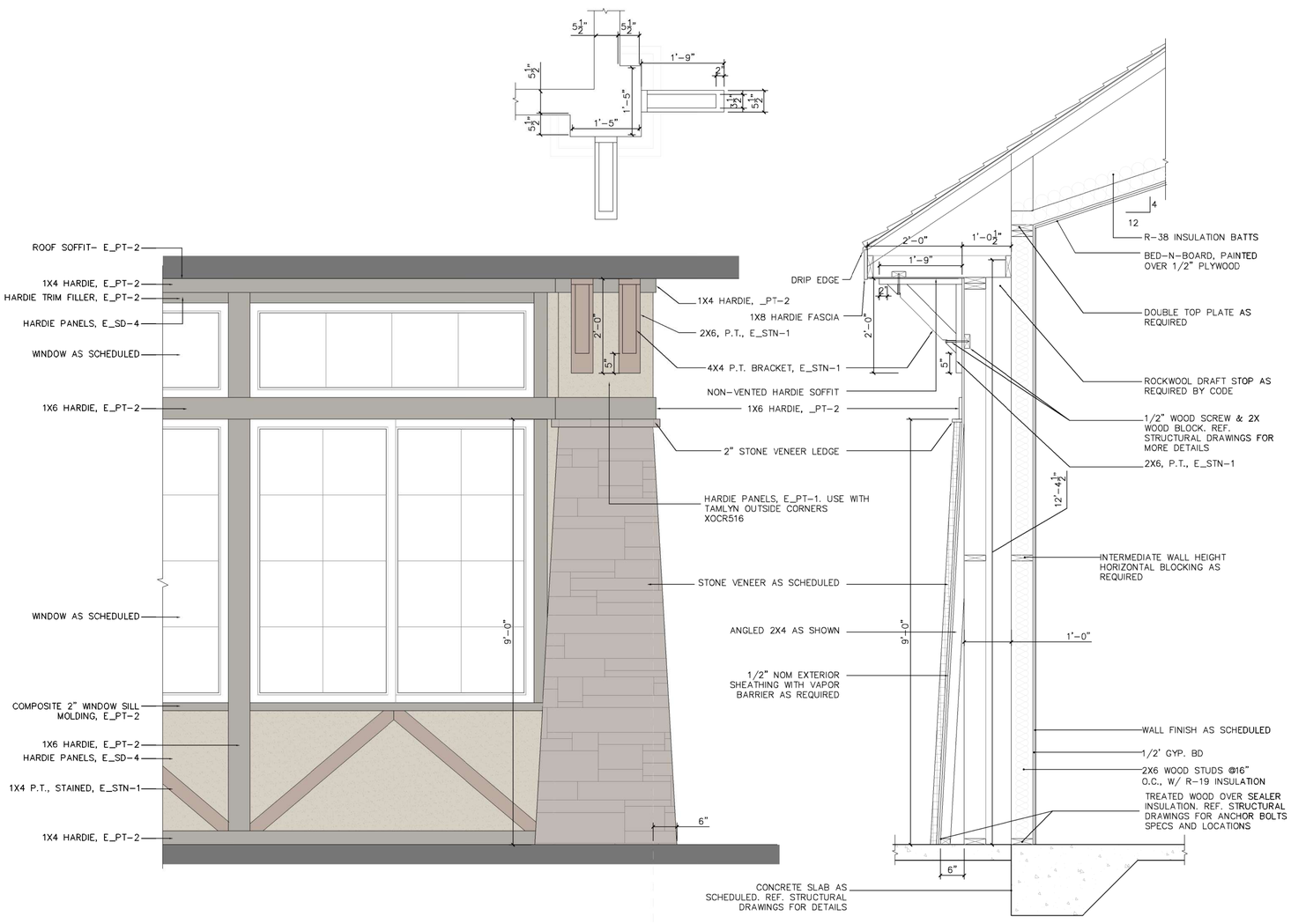
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
EXTERIOR WALL SECTIONS & DETAILS

:ISSUE DATE:

:DRAWN BY:
DT

:SHEET NUMBER:
A7.04



1 SUN ROOM EXTERIOR TRIM AND COLUMN DETAILS SCALE: 3/4"=1'-0"

2 CUPOLA DETAIL SCALE: 3/4"=1'-0"

TREINIS ARCHITECTURE

PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 0001234
REGISTERED ARCHITECT

This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
EXTERIOR WALL SECTIONS & DETAILS

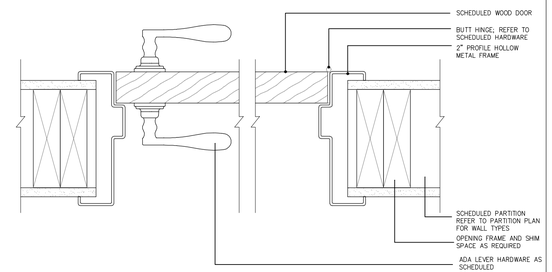
:ISSUE DATE:

:DRAWN BY:
DT

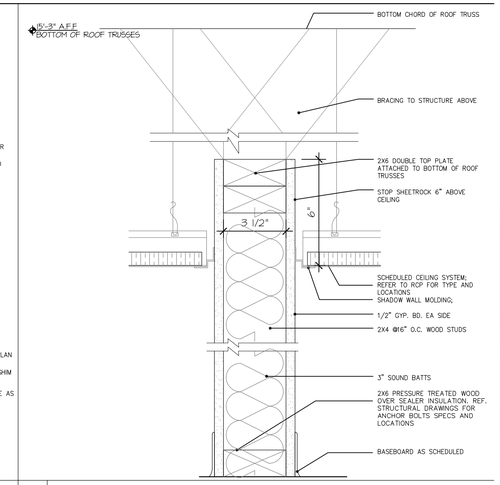
:SHEET NUMBER:
A7.05

12 NOT USED SCALE: 3"=1'-0"

9 NOT USED SCALE: 3"=1'-0"

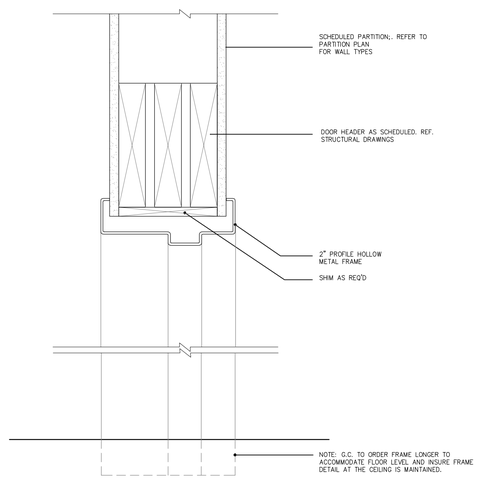


6 INTERIOR DOOR JAMB SCALE: 3"=1'-0"

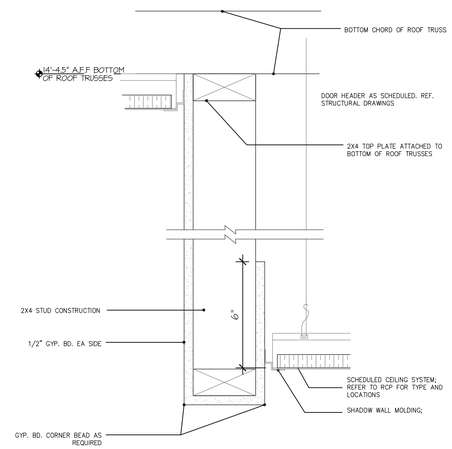


3 INTERIOR WALL TYPE "D" SCALE: 3"=1'-0"

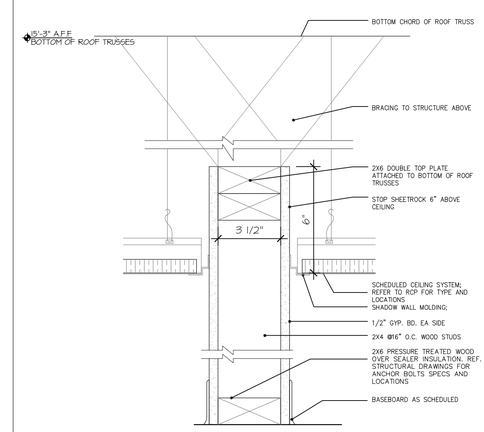
11 NOT USED SCALE: 3"=1'-0"



8 TYP. CASED OOPENING HEAD DETAIL SCALE: 3"=1'-0"

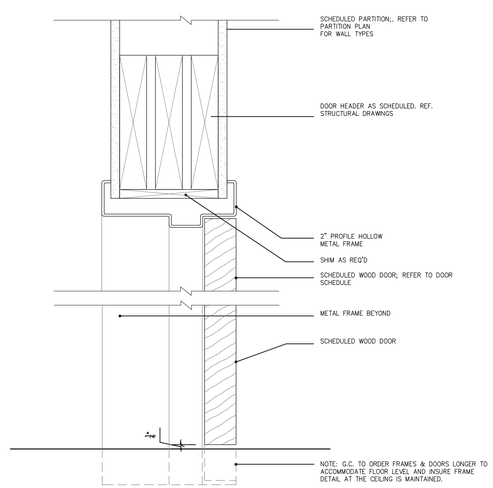


5 TYP. DROPPED HEADER DETAIL SCALE: 3"=1'-0"

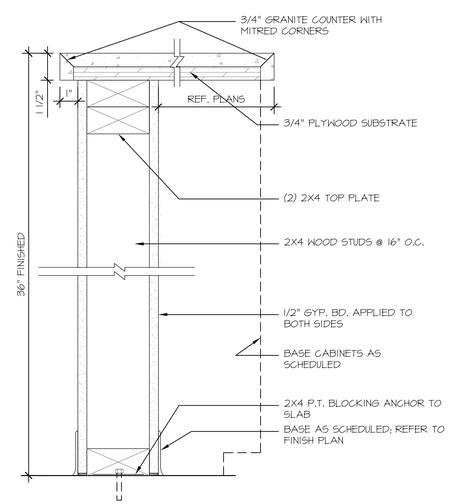


2 INTERIOR WALL TYPE "C" SCALE: 3"=1'-0"

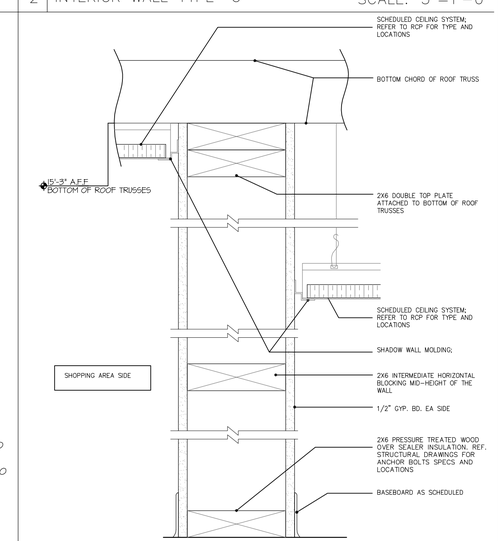
10 NOT USED SCALE: 3"=1'-0"



7 INTERIOR R DOOR HEAD DETAIL SCALE: 3"=1'-0"



4 INTERIOR WALL TYPE "E" SCALE: 3"=1'-0"



1 INTERIOR WALL TYPE "B" SCALE: 3"=1'-0"

DESIGN TODAY
8555 SUGAR BRIDGE RD
WOODSTOCK, GA
30188
PH. 404-954-8800
DT@THISDAYNAT.COM
WWW.DTHIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

NEW CONVENIENCE STORE DESIGN

2661 REX ROAD,
ELLENWOOD,
GA 30294

:No:	:Date:	:Remarks:
1.	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

STATE OF GEORGIA
DARIA TREINIS
CERTIFICATE NO. 040.13.5
REGISTERED ARCHITECT

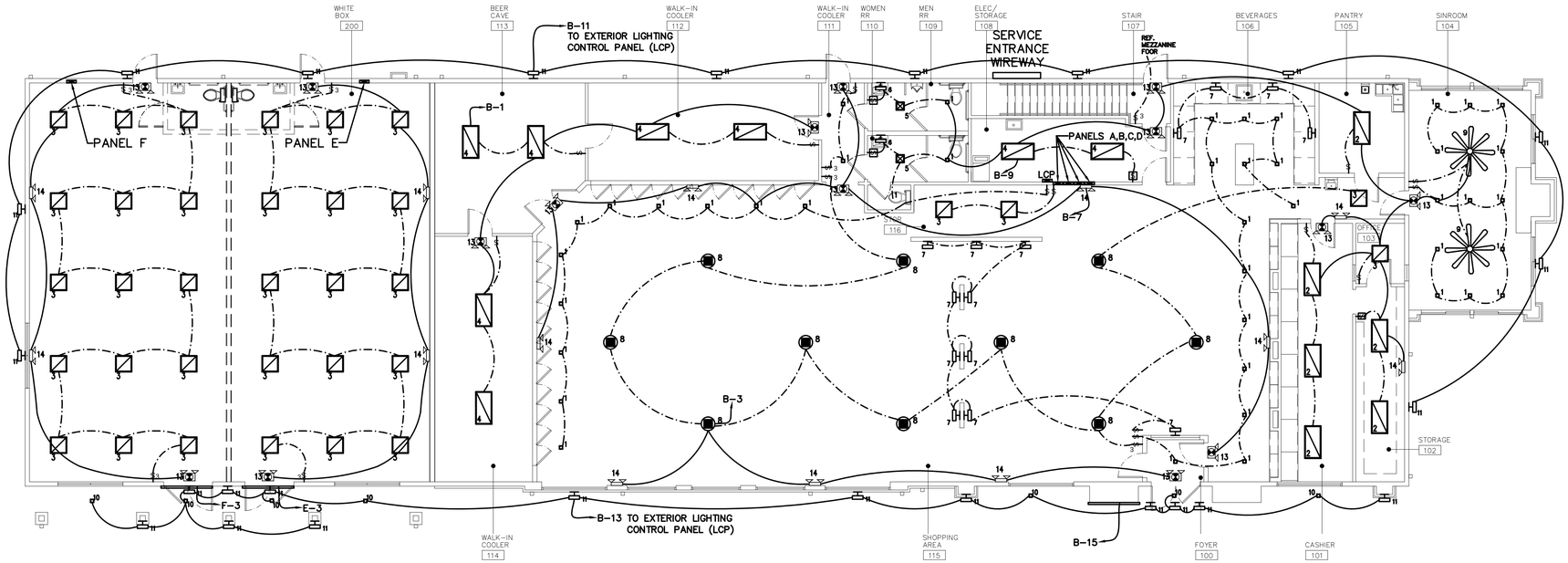
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
INTERIOR WALLS, DOOORS SOFFIT DETAILS

:ISSUE DATE:

:DRAWN BY:
DT

:SHEET NUMBER:
A7.06



1 LIGHTING PLAN

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

ELECTRICAL NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND NECESSARY ITEMS AND OBTAIN AND PAY FOR ALL FEES AND PERMITS REQUIRED TO INSTALL A COMPLETE ELECTRICAL SYSTEM.
2. IT IS THE INTENT OF THESE PLANS FOR THE ELECTRICAL CONTRACTOR TO PROVIDE A COMPLETE SYSTEM, REGARDLESS OF WHETHER EACH INDIVIDUAL COMPONENT IS INCLUDED IN THESE PLANS OR NOT.
3. WORK PERFORMED BY THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH THE STANDARDS OF THE FOLLOWING CODES AND ORDINANCES:
   A. NFPA 70, "NATIONAL ELECTRIC CODE" 2020 EDITION.
   B. NECA "STANDARD OF INSTALLATION"
   C. THE ELECTRICAL UTILITY COMPANY SERVICE STANDARDS.
   D. UNDERWRITER'S LABORATORY STANDARDS.
   E. OTHER LOCAL CODES, ORDINANCES AND LAWS APPLICABLE TO THE LOCATION OF THIS PROJECT.
4. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH TELEPHONE COMPANY AND THE ELECTRIC UTILITY COMPANY.
5. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR TIMELY PLACEMENT OF ALL CONDUITS, OUTLET BOXES, CABINETS, AND OTHER WIRING DEVICES IN FLOORS, WALLS, CEILINGS, ETC. AS THE CONSTRUCTION PROGRESSES.
6. OUTLET BOXES SHALL BE LOCATED AS FOLLOWS:
   A. WALL SWITCHES – 4'-0" ABOVE FINISH FLOOR
   B. CONVENIENCE OUTLETS – 1'-4" (16") A.F.F (CENTER)
   C. EQUIPMENT OUTLETS AS REQUIRED (VERIFY)
7. WIRING SYSTEM SHALL BE AS FOLLOWS:
   A. RIGID CONDUIT – GALVANIZED STEEL OR RIGID ALUMINUM AS PERMITTED BY N.E.C.
   B. EMT – ELECTRIC METALLIC TUBING CONDUIT MAY BE USED ONLY WHERE IT IS NOT SUBJECT TO MECHANICAL DAMAGE AND WHERE PERMITTED BY THE N.E.C. AND LOCAL CODES.
   C. FLEXIBLE METAL TUBING – TO BE USED AT CONNECTIONS WHERE REQUIRED. CONNECTIONS SHALL BE MADE WITH GROUND. ALL SUCH CONNECTIONS SHALL BE LIQUID TIGHT.
   D. NONMETALLIC SHEATHED (ROMEX) CABLE. NEC 334 AND LOCAL CODES. GROUND CONDUCTOR SHALL BE PROVIDED . (DO NOT USE IF MORE THAN THREE STORY BUILDING OR WITHIN A RETURN AIR PLENUM).
   E. TYPE NM NONMETALLIC SHEATHED CABLE, 2/12 WITH GROUND UNLESS OTHERWISE NOTED.
   F. TYPE MC METAL-CLAD CABLE, 12/2 WITH GROUND UNLESS OTHERWISE NOTED.
   G. UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC.
8. CONDUCTORS SHALL BE COPPER, TYPE THWN/THHN.
9. CONVENIENCE RECEPTACLES SHALL BE 15 (20) AMP., 125 VOLT NEMA 5-15(20)R.
10. WALL SWITCHES SHALL BE 20 AMP. 120/277 V. AC, SINGLE POLE OR AS INDICATED ON THE DRAWING.
11. CIRCUIT BREAKER PANELS SHALL BE BY SQUARE D, SIEMENS, OR GENERAL ELECTRIC.
12. GROUNDING OF ELECTRICAL SYSTEMS SHALL BE IN ACCORDANCE WITH THE N.E.C. AND LOCAL REQUIREMENTS.
13. ELECTRICAL CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO ITEMS SHOWN AS PART OF THE GENERAL CONTRACT WHICH REQUIRES ELECTRICITY–INCLUDING ALL SIGNAGE, BUILDING LIGHTING AND CONTROL WIRING.
14. FUSES SHALL BE DUAL-ELEMENT CURRENT LIMITING FUSES IN ALL DISCONNECT SWITCHES OR OTHER FUSIBLE DEVICES. FURNISH A SPARE FUSE OF EACH TYPE USED ON THE JOB.
15. ELECTRICAL CONTRACTOR SHALL INSTALL AND CONNECT MOTOR STARTERS, RELAYS, SWITCHES, AND RELATED ITEMS WHICH ARE SUPPLIED BY OTHERS.
16. ALL MATERIAL SHALL BE NW AND U.L. APPROVED AND LABELED.
17. ALL ELECTRICAL EQUIPMENT AND SYSTEMS SHALL BE TESTED AND ADJUSTED FOR PROPER OPERATION. COMPLETE WIRING SYSTEM SHALL BE FREE OF SHORT CIRCUITS.
18. THE ELECTRICAL CONTRACTOR SHALL MAKE COMPLETE CONNECTIONS TO ALL EQUIPMENT. COORDINATE WITH EQUIPMENT SUPPLIER FOR EXACT LOCATIONS AND REQUIREMENTS.
19. CONDUCTOR SIZING SHALL COMPLY WITH NEC TABLE 310-16.
20. CONDUIT SIZING SHALL COMPLY WITH NEC ANNEX C TABLE C.9.
21. GROUNDING ELECTRODE CONDUCTOR SIZING SHALL COMPLY WITH NEC TABLE 250-66.
22. NONMETALLIC SHEATHED CABLE SHALL COMPLY WITH NEC 334.10 AND 334-12.
23. METAL-CLAD CABLE SHALL COMPLY WITH NEC 330.10 AND 330-12.
24. THE TRANSFORMER PAD SHALL COMPLY WITH THE REQUIREMENTS OF THE GEORGIA STATE MINIMUM FIRE SAFETY STANDARDS. MODIFICATION TO CHAPTER 7, SECTION 7.1.11, NFPA 101 LIFE SAFETY CODE 2000 EDITION.
25. WIRING METHODS FOR PATIENT CARE AREAS AND RESIDENT SLEEPING ROOMS SHALL COMPLY WITH THE REDUNDANT GROUNDING METHODS OUTLINED IN THE NATIONAL ELECTRICAL CODE. NON METALLIC SHEATHED CABLE IS NOT PERMITTED. (NEC 517.13)

LIGHTING PLAN LEGEND:

SYMB	DESCRIPTION	LAMP/ WATTAGE
1	DIMMABLE LED DOWNLIGHT, POPANU, CANLESS RECESSED GIMBAL DWALLWASH, 5 CCT, DIMMABLE WITH JUNCTION BOX, 8W CCT ADJUSTABLE (BRUSHED NICKEL, 3 INCH), 3000K	8 Watt LED, 766 LUMENS
2	RECESSED 2X4 LIGHT: SUPERIORLIGHTING.COM, LED FLAT PANEL 2X4 – COLOR SELECTABLE – DIMMABLE – FOR STANDARD DROP CEILINGS, SC11043, SKU: LPNG-2X4-MCTP	50 Watt 5500 LUMENS
3	RECESSED 2X2 LIGHT: SUPERIORLIGHTING.COM, LED Flat Panel 2X2 – COLOR SELECTABLE – DIMMABLE – FOR STANDARD DROP CEILINGS, SC11042, SKU: LPNG-2X2-MCTP	40 Watt 4200 LUMENS
4	SURFACE MOUNTED 2X4 LIGHT: SUPERIORLIGHTING.COM, LED FLAT PANEL 2X2 – COLOR SELECTABLE – DIMMABLE – WITH EXTRA SUSPENSION HANGING KIT, SC11359, SKU: LPNG-2X4-MCTP-85149-K	50 Watt 5500 LUMENS
5	RESTROOM EXHAUST FAN.	INTEGRATED LED; 20 WATT
6	INTERIOR VANITY WALL SCONCE: (AMAZON) TIPACE 2 LIGHTS VANITY LIGHT FIXTURES OVER MIRROR BLACK INDUSTRIAL VANITY LIGHTS WITH MILK WHITE GLASS GLOBE	(2) 6 WATT LED, DIMMABLE
7	INTERIOR DECORATIVE WALL SCONCE: PROJECT SOURCE OAKDALE 1-LIGHT MATTE BLACK DARK SKY OUTDOOR WALL LIGHT (LOWES) ITEM #4145452/ MODEL WLM141MBK	(1) 8 WATT LED, DIMMABLE
8	LED UFO LIGHT: PLT, 21,000 LUMENS, 150 WATT, 3500 KELVIN, HIGH BAY SENSOR READY LIGHT FIXTURE 400 WATT METAL HALIDE EQUAL – BLACK FINISH – 120-277 VOLT – PLT-12637 DIMMABLE	150 WATT LED, 21000 LUMENS
9	EXTERIOR CEILING FAN: HUNTER DOWNTOWN 72" 7 BLADE INDOOR / OUTDOOR CEILING FAN WITH WALL CONTROL MODEL:51592	223 WATT
ALL EXTERIOR LIGHTS TO BE CONNECTED TO TIMER/ CONTROL PANEL		
10	DIMMABLE LED DOWNLIGHT, LITHONIA LIGHTING WAFER LED CANLESS RECESSED FIXTURE 4" – IC RATED AND AIRTIGHT, MODEL: WF4 LED 30K 90CRI MW M6, 3000K	10 Watt LED, LUMENS: 2,600 LUMENS TOTAL
11	EXTERIOR DECORATIVE WALLSCONCE: PROGRESS LIGHTING CEDAR SPRINGS 11" TALL OUTDOOR WALL SCONCE – 22" LONG MODEL:P560091-039, USED WITH BULB: LUXRITE 100-WATT EQ A19 SOFT WHITE MEDIUM BASE (E-26) DIMMABLE LED LIGHT BULB	8 Watt 1600 LUMENS
12	LED GAS CANOPY LIGHT: LED CANOPY LIGHT 110W 3000K, TBD	110 WATT LED, 16,000 LUMENS
13	LAVEX INDUSTRIAL SLIM RED LED EXIT SIGN / EMERGENCY LIGHT COMBINATION WITH BATTERY BACKUP – 2W UNIT; ITEM #: 6952SRCBO..	2 WATT
14	THE EL-STLED STEEL EMERGENCY LIGHT. BASE CODE: EL-STLED COMPATIBLE BATTERY: 9.6V 1000MAH, INSTALL 48" O.C. MAX @6'-0" A.F.F TYP	8W 392lm
$	ONE-WAY BUILDING STANDARD SWITCH	
$3	THREE-WAY BUILDING STANDARD SWITCH	
$T	WALL SWITCH WITH TIMER	

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

Rev	Date	Description
0	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

GEORGIA REGISTERED No. 17103 PROFESSIONAL ENGINEER HENRY J. LYAUTEY

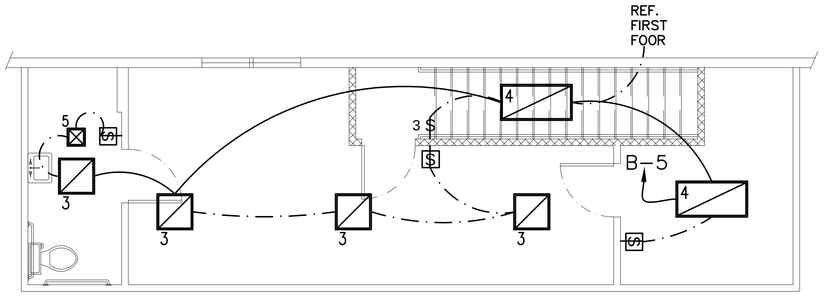
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
LIGHTING PLAN AND NOTES

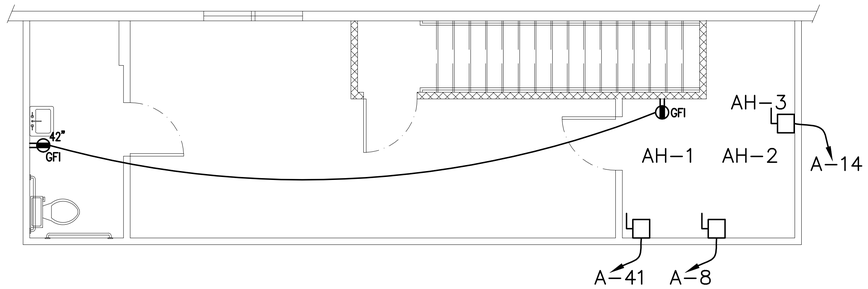
:ISSUE DATE:

:DRAWN BY:
HJL

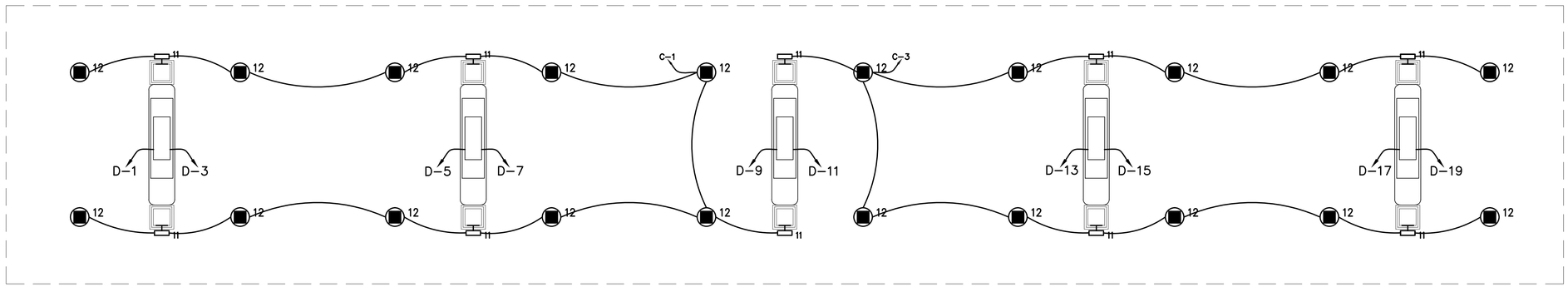
:SHEET NUMBER:
E1



1 MEZZANINE LIGHTING PLAN SCALE: 1/4"=1'-0"



2 MEZZANINE POWER PLAN SCALE: 1/4"=1'-0"



3 GAS CANOPY LIGHTING PLAN SCALE: 3/16"=1'-0"

National Electrical Code: Article 514 – Motor Fuel Dispensing Facilities

Article 514 covers any structure used for storing or dispensing fuel from fixed equipment.

Article 514 distinguishes between locations handling Class I liquid fuels and those handling other fuels.

Table 514.3(B)(1) defines Class I locations for the purposes of Article 514.

Table 514.3(B)(2) defines electrical equipment classified areas for fuel dispensing.

Equipment covered by Table 514.3(B)(1) must be wired per Article 501 [514.4].

Equipment located above equipment covered by Table 514.3(B)(1) must comply with 511.7 [514.7].

Install underground wiring in threaded metal conduit, not EMT or PVC [514.8]. Some exceptions apply.

Provide a listed seal in each conduit entering or leaving a dispenser. The sealing fitting must be the first fitting after the conduit emerges from the earth or concrete [514.9(A)].

In addition to the dispenser seals, provide seals at the horizontal and vertical boundaries of the defined Class I locations [514.9(B)].

Bond all metal raceways and metallic objects [514.16], taking care not to confuse grounding with bonding [Article 100].

LIGHTING PLAN LEGEND:

ALL EXTERIOR LIGHTS TO BE CONNECTED TO TIMER/ CONTROL PANEL

SYMB	DESCRIPTION	LAMP/ WATTAGE
11	EXTERIOR DECORATIVE WALLSCONCE: PROGRESS LIGHTING CEDAR SPRINGS 11" TALL OUTDOOR WALL SCONCE – 22" LONG MODEL:P560091-039, USED WITH BULB: LUXRITE 100-WATT EQ A19 SOFT WHITE MEDIUM BASE (E-26) DIMMABLE LED LIGHT BULB	8 Watt 1600 LUMENS
12	LED GAS CANOPY LIGHT: LED CANOPY LIGHT 110W 3000K, TBD	110 WATT LED, 16,000 LUMENS

TREINIS ARCHITECTURE

PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

0	08.10.24	ISSUE FOR CONSTRUCTION
:No:	:Date:	:Remarks:

:REVISIONS:

GEORGIA REGISTERED No. 17703 PROFESSIONAL ENGINEER HENRY J. LYAUTEY

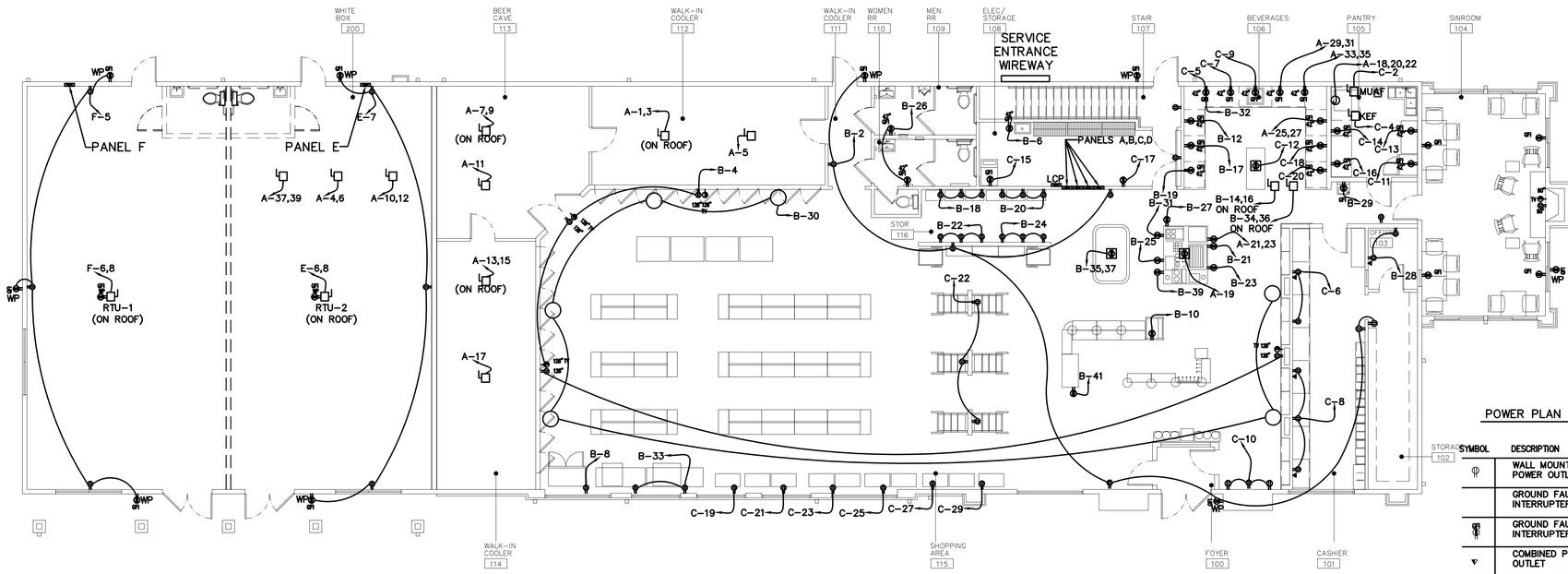
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
MEZZANINE AND GAS CANOPY ELECTRICAL PLANS

:ISSUE DATE:

:DRAWN BY:
HJL

:SHEET NUMBER:
E2

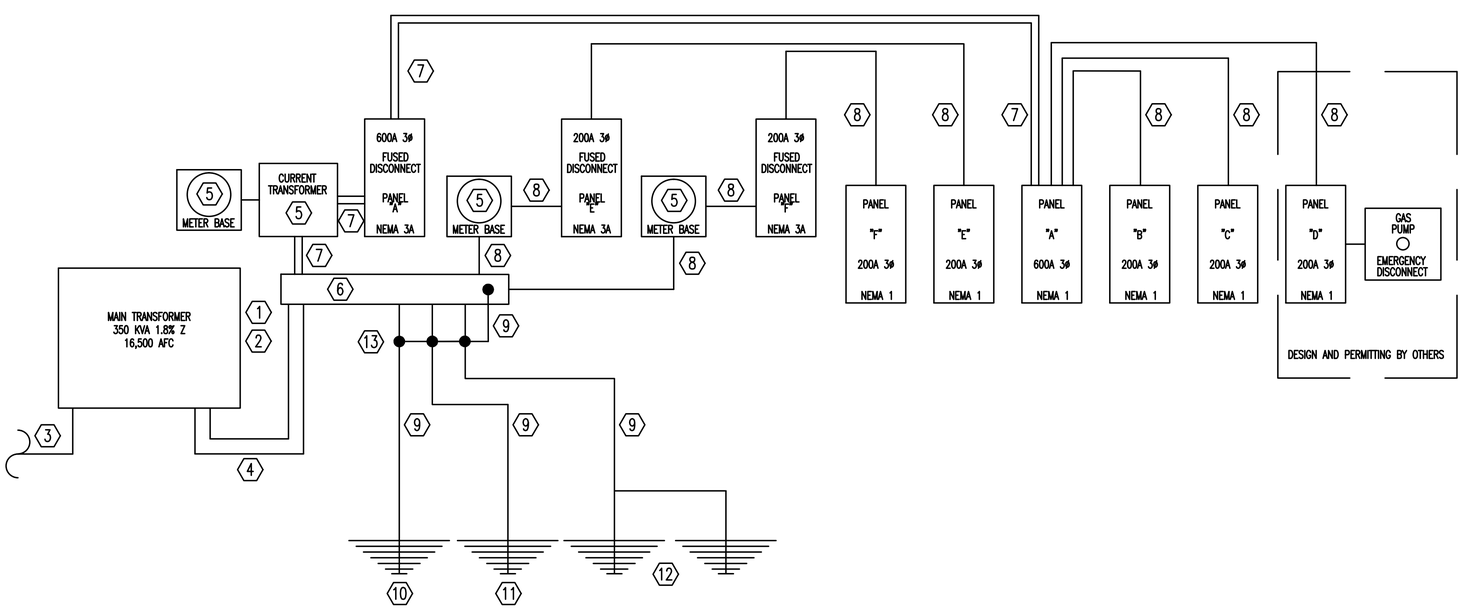


POWER PLAN LEGEND:

SYMBOL	DESCRIPTION	FINISH/TRIM
	WALL MOUNTED DUPLEX POWER OUTLET	WHITE DEVICE W/ WHITE COVER PLATE
	GROUND FAULT CIRCUIT INTERRUPTER POWER OUTLET	GRAY DEVICE W/ WHITE COVER PLATE
	GROUND FAULT CIRCUIT INTERRUPTER POWER OUTLET	GRAY DEVICE W/ WHITE COVER PLATE
	COMBINED PHONE AND DATA OUTLET	WHITE COVER PLATE
	TV CABLE OUTLET	WHITE COVER PLATE
	WALL MOUNTED QUAD POWER OUTLET	WHITE DEVICE W/ WHITE COVER PLATE
	FLOOR MOUNTED GFI DUPLE POWER OUTLET	TBD

1 POWER PLAN

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



RISER DIAGRAM KEY NOTES:

1. ELECTRICAL SERVICE TRANSFORMER – OVERHEAD OR UNDERGROUND – IN PLACE BY POWER COMPANY.
2. ELECTRICAL SERVICE – 208/120V/3PH–4W–60HZ.
3. OVERHEAD OR UNDERGROUND PRIMARY ELECTRICAL SERVICE – IN PLACE BY POWER COMPANY.
4. MAIN ELECTRICAL SERVICE ENTRANCE: TWO (2) SETS OF FOUR (4) – SIZE 600 AWG CU THWN EACH SET IN 3 1/2" PVC CONDUIT.
5. METERING: PROVIDE METERING IN ACCORDANCE WITH POWER COMPANY'S REQUIREMENTS. THIS SHALL INCLUDE (BUT NOT BE LIMITED TO) INSTALLATION OF METER BASE & COVER AND CURRENT TRANSFORMER (IF NOT ON THE POLE OR MAST).
6. SERVICE ENTRANCE WIREWAY 10"X10" MINIMUM DIMENSIONS.
7. 600 AMP FEEDER TO DISCONNECT A AND PANEL A: TWO (2) SETS OF FOUR (4) – SIZE 350 AWG CU THWN AND A SIZE 2 AWG CU GROUND. EACH SET IN 3 1/2" PVC CONDUIT.
8. 200 AMP FEEDERS TO DISCONNECT E, F AND PANELS B, C, D. E AND F: FOUR (4) – SIZE 3/0 AWG CU THWN AND A SIZE 4 AWG CU GROUND IN 2 1/2" PVC CONDUIT.
9. GROUND ELECTRODE CONDUCTORS – SIZE 3/0 AWG BARE COPPER CABLES.
10. COLD WATER PIPE BOND OR FOOTING REBAR CONNECTION.
11. GROUND BONDING CONDUCTOR TO BUILDING STEEL.
12. GROUND ROD ELECTRODES: TWO (2) 10'-0" x 3/4" CU CLAD FLUSH DRIVEN GROUND RODS 6'-0" APART MINIMUM, INTERCONNECTED WITH SIZE 3/0 AWG BARE COPPER CABLE.
13. BOND 10 11 AND 12 TOGETHER TO FORM A GROUNDING SYSTEM INTERCONNECTED WITH SIZE 3/0 BARE COPPER CABLES.

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

Sht	Date	Remarks
0	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

GEORGIA REGISTERED No. 17703 PROFESSIONAL ENGINEER HENRY J. LYAUTEY

This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
POWER PLAN
AND ELECTRICAL RISER DIAGRAM

:ISSUE DATE:

:DRAWN BY:
HJL

:SHEET NUMBER:
E3

VOLTAGE: 208Y / 120 V
MAIN DEVICE: MLO
TYPE: TYPE1 FRAME QD
RATING: 800A – 3PH – 42 CKT

PANEL SCHEDULE
PANEL "A"

LOCATION: STORAGE ROOM WALL
MOUNTING: FLUSH
25,000 A.I.C. SYM.

CKT NO	ITEM	WIRE/ CONDUIT SIZE	KVA	CKT. BKR.	PHASE LOADS ØA	ØB	ØC	CKT. BKR.	KVA	WIRE/ CONDUIT SIZE	ITEM	CKT NO
1	WALK IN COOLER CONDENSING UNIT	12/3 WG 1/2" C	1.5	20A/2	1.5			–	–	– –	–	2
3			1.5	20A/2		5.7		50A/2	4.2	8/3 WG 3/4" C	CONDENSING UNIT CU-2	4
5	WALK IN COOLER EVAPORATOR FANS	12/2 WG 1/2" C	1.5	20A			5.7	50A/2	4.2			6
7	BEER CAVE CONDENSING UNIT	12/3 WG 1/2" C	1.5	20A/2	2.2			20A	0.7	12/2 WG 1/2" C	AIRHANDLER AH-2	8
9			1.5	20A/2		5.7		50A/2	4.2	8/3 WG 3/4" C	CONDENSING UNIT CU-3	10
11	BEER CAVE EVAPORATOR FANS	12/2 WG 1/2" C	1.5	20A			5.7	50A/2	4.2			12
13	WALK IN COOLER CONDENSING UNIT	12/3 WG 1/2" C	1.5	20A/2	2.2			20A	0.7	12/2 WG 1/2" C	AIRHANDLER AH-3	14
15			1.5	20A/2		1.5		–	–	– –	–	16
17	WALK IN COOLER EVAPORATOR FANS	12/2 WG 1/2" C	1.5	20A			6.0	50A/3	4.5	8/4 WG 1" C	PIZZA OVEN 13.5 KW 3Ø	18
19	FLOOR RECEPTACLE	12/2 WG 1/2" C	1.0	20A	5.5			50A/3	4.5			20
21	FLEXSERVE RANGE (B69)	12/3 WG 1/2" C	1.6	20A/2		6.1		50A/3	4.5			22
23			1.6	20A/2			15.7	200/3	14.1	4 3/0 4G 2 1/2" C	PANEL B	24
25	FROSTERS MACHINE (C8)	10/3 WG 1/2" C	3.6	30A/2	17.3			200/3	13.7		14.1 13.7 15.0	26
27			3.6	30A/2		18.6		200/3	15.0			28
29	COFFEE MAKER (A19)	10/3 WG 3/4" C	2.8	30A/2			13.0	200/3	10.2	4 3/0 4G 2 1/2" C	PANEL C	30
31			2.8	30A/2	11.9			200/3	9.1		10.2 9.1 7.0	32
33	COFFEE MAKER (A19)	10/3 WG 3/4" C	2.8	30A/2		9.8		200/3	7.0			34
35			2.8	30A/2			11.3	200/3	8.5	4 3/0 4G 2 1/2" C	PANEL D	36
37	CONDENSING UNIT CU-1	8/3 WG 3/4" C	4.2	50A/2	11.7			200/3	7.5		8.5 7.5 6.0	38
39			4.2	50A/2		10.2		200/3	6.0			40
41	AIRHANDLER AH-1	12/2 WG 1/2" C	0.7	20A			0.7	– –			PANEL D SHUNT TRIP	42
				PHASE TOTALS	52.3	57.6	58.1					

REMARKS:
1. TOTAL CONNECTED LOAD: 168,000 W/360 = 467 A
2. VERIFY ALL EQUIPMENT LOADS PRIOR TO INSTALLATION OF CONDUITS, WIRING, ETC.
3. ALL UNDER HOOD ELECTRICAL EQUIPMENT AND THE MUAF SHALL AUTOMATICALLY DISCONNECT IN THE EVENT OF HOOD FIRE ALARM ACTIVATION
4. PANEL D GETS A 200 AMP SHUNT TRIP CIRCUIT BREAKER

VOLTAGE: 208Y / 120 V
MAIN DEVICE: MLO
TYPE: TYPE1 FRAME QD
RATING: 200A – 3PH – 42 CKT

PANEL SCHEDULE
PANEL "B"

LOCATION: STORAGE ROOM WALL
MOUNTING: FLUSH
25,000 A.I.C. SYM.

CKT NO	ITEM	WIRE/ CONDUIT SIZE	KVA	CKT. BKR.	PHASE LOADS ØA	ØB	ØC	CKT. BKR.	KVA	WIRE/ CONDUIT SIZE	ITEM	CKT NO
1	BEVERAGE COOLER LIGHTING	12/2 WG 1/2" C	0.5	20A	1.9			20A	1.4	12/2 WG 1/2" C	CONVENIENCE RECEPTACLES	2
3	SHOPPING AREA LIGHTING	12/2 WG 1/2" C	1.3	20A		2.3		20A	1.0	12/2 WG 1/2" C	TV RECEPTACLES	4
5	MEZZANINE LIGHTING	12/2 WG 1/2" C	0.5	20A			1.0	20A	0.5	12/2 WG 1/2" C	MOP SINK GFCI RECEPTACLE	6
7	DOWNLIGHTS	12/2 WG 1/2" C	0.5	20A	1.0			20A	0.5	12/2 WG 1/2" C	2 DOOR REFRIGERATOR	8
9	KITCHEN/OFFICE AREA LIGHTING	12/2 WG 1/2" C	1.0	20A		1.5		20A	0.5	12/2 WG 1/2" C	CHEST MERCHANDISER (B74)	10
11	REAR EXTERIOR LIGHTING	12/2 WG 1/2" C	1.0	20A			1.7	20A	0.7	12/2 WG 1/2" C	FOUNTAIN MACHINE/ICE MAKER (C3,3A)	12
13	FRONT EXTERIOR LIGHTING	12/2 WG 1/2" C	1.1	20A	2.9			20A/2	1.8	12/3 WG 1/2" C	ICE MAKER CONDENSING UNIT (C3B)	14
15	EXTERIOR SIGN	12/2 WG 1/2" C	1.0	20A		2.8		20A/2	1.8			16
17	CAPPUCCINO MACHINE (A6)	12/2 WG 1/2" C	1.8	20A			2.8	20A	1.0	12/2 WG 1/2" C	GAME ROOM RECEPTACLES	18
19	CREAMER (A8)	12/2 WG 1/2" C	0.5	20A	1.5			20A	1.0	12/2 WG 1/2" C	GAME ROOM RECEPTACLES	20
21	HOT DOG ROLLER (B1)	12/2 WG 1/2" C	1.5	20A		2.5		20A	1.0	12/2 WG 1/2" C	GAME ROOM RECEPTACLES	22
23	HOT DOG DRAWER/SIGN (B1A,C,D)	12/2 WG 1/2" C	1.0	20A			2.0	20A	1.0	12/2 WG 1/2" C	GAME ROOM RECEPTACLES	24
25	MICROWAVE (B6)	12/2 WG 1/2" C	1.8	20A	2.8			20A	1.0	12/2 WG 1/2" C	RESTROOM GFCI RECEPTACLES	26
27	CHEESE/CHILE DISPENSER (B7,11)	12/2 WG 1/2" C	0.6	20A		1.6		20A	1.0	12/2 WG 1/2" C	OFFICE	28
29	DRINKING FOUNTAIN	12/2 WG 1/2" C	1.2	20A			2.4	20A	1.2	12/2 WG 1/2" C	MISC SIGNS (H1A,2A,5,8,9)	30
31	REFRIGERATOR (B40)	12/2 WG 1/2" C	0.5	20A	1.2			20A	0.7	12/2 WG 1/2" C	FOUNTAIN MACHINE/ICE MAKER (C3,3A)	32
33	WINE COOLER (B46)	12/2 WG 1/2" C	0.5	20A		2.3		20A/2	1.8	12/3 WG 1/2" C	ICE MAKER CONDENSING UNIT (C3B)	34
35	DELI CASE (B35)	10/3 WG 1/2" C	2.8	30A/2			4.6	20A/2	1.8			36
37			2.8	30A/2	2.8			–	–	– –	–	38
39	BOILED PEANUTS (B60)	12/2 WG 1/2" C	0.7	20A		0.7		–	–	– –	–	40
41	PASS THROUGH COOLER (B72)	12/2 WG 1/2" C	0.5	20A			0.5	–	–	– –	–	42
				PHASE TOTALS	14.1	13.7	15.0					

REMARKS:

TOTAL CONNECTED LOAD: 42,800 W/360 = 119 A

VOLTAGE: 208Y / 120 V
MAIN DEVICE: MLO
TYPE: TYPE1 FRAME QD
RATING: 200A – 3PH – 42 CKT

PANEL SCHEDULE
PANEL "C"

LOCATION: STORAGE ROOM WALL
MOUNTING: FLUSH
25,000 A.I.C. SYM.

CKT NO	ITEM	WIRE/ CONDUIT SIZE	KVA	CKT. BKR.	PHASE LOADS ØA	ØB	ØC	CKT. BKR.	KVA	WIRE/ CONDUIT SIZE	ITEM	CKT NO
1	CANOPY LIGHTING	12/2 WG 1/2" C	1.5	20A	3.0			20A	1.5	12/2 WG 1/2" C	KITCHEN HOOD MAKE UP AIR FAN MUAF	2
3	CANOPY LIGHTING	12/2 WG 1/2" C	1.5	20A		3.0		20A	1.5	12/2 WG 1/2" C	KITCHEN HOOD EXHAUST FAN KEF	4
5	FREAL BLENDER (C8)	12/2 WG 1/2" C	1.8	20A			2.8	20A	1.0	12/2 WG 1/2" C	POS RECEPTACLES	6
7	FREAL FREEZER (C8A)	12/2 WG 1/2" C	0.8	20A	1.8			20A	1.0	12/2 WG 1/2" C	POS RECEPTACLES	8
9	CARBONATORS (E8A)	12/2 WG 1/2" C	0.8	20A		1.4		20A	0.6	12/2 WG 1/2" C	ATM	10
11	ONE DOOR COOLER (E20)	12/2 WG 1/2" C	0.5	20A			1.5	20A	1.0	12/2 WG 1/2" C	FLOOR RECEPTACLE	12
13	TWO DOOR FREEZER (E31)	12/2 WG 1/2" C	1.2	20A	2.2			20A	1.0	12/2 WG 1/2" C	KITCHEN RECEPTACLES	14
15	ICE MAKER	12/2 WG 1/2" C	1.5	20A		2.5		20A	1.0	12/2 WG 1/2" C	KITCHEN RECEPTACLES	16
17	ELECTRICAL ROOM GFCI RECEPTACLE	12/2 WG 1/2" C	0.5	20A			1.5	20A	1.0	12/2 WG 1/2" C	COFFEE COUNTER RECEPTACLES	18
19	ICE CREAM FREEZERS	12/2 WG 1/2" C	0.6	20A	1.6			20A	1.0	12/2 WG 1/2" C	COFFEE COUNTER RECEPTACLES	20
21	ICE CREAM FREEZERS	12/2 WG 1/2" C	0.6	20A		1.6		20A	1.0	12/2 WG 1/2" C	DISPLAY RECEPTACLES	22
23	ICE CREAM FREEZERS	12/2 WG 1/2" C	0.6	20A			0.6	–	–	– –	–	24
25	ICE CREAM FREEZERS	12/2 WG 1/2" C	0.6	20A	0.6			–	–	– –	–	26
27	ICE CREAM FREEZERS	12/2 WG 1/2" C	0.6	20A		0.6		–	–	– –	–	28
29	ICE CREAM FREEZERS	12/2 WG 1/2" C	0.6	20A			0.6	–	–	– –	–	30
31	MEZZANINE GFCI RECEPTACLES	12/2 WG 1/2" C	1.0	20A	1.0			–	–	– –	–	32
33	–	– –	–	–		–		–	–	– –	–	34
35	–	– –	–	–			–	–	–	– –	–	36
37	–	– –	–	–	–			–	–	– –	–	38
39	–	– –	–	–		–		–	–	– –	–	40
41	–	– –	–	–			–	–	–	– –	–	42
				PHASE TOTALS	10.2	9.1	7.0					

REMARKS:

TOTAL CONNECTED LOAD: 26,300 W/360 = 73 A

VOLTAGE: 208Y / 120 V
MAIN DEVICE: MLO
TYPE: TYPE1 FRAME QD
RATING: 200A – 3PH – 42 CKT

PANEL SCHEDULE
PANEL "D"

LOCATION: STORAGE ROOM WALL
MOUNTING: FLUSH
25,000 A.I.C. SYM.

CKT NO	ITEM	WIRE/ CONDUIT SIZE	KVA	CKT. BKR.	PHASE LOADS ØA	ØB	ØC	CKT. BKR.	KVA	WIRE/ CONDUIT SIZE	ITEM	CKT NO
1	DISPENSER 1	12/2 WG 1/2" C	1.0	20A	2.5			20A/2	1.5	12/3 WG 1/2" C	SUBMERSIBLE PUMP 1	2
3	DISPENSER 2	12/2 WG 1/2" C	1.0	20A		2.5		20A/2	1.5			4
5	DISPENSER 3	12/2 WG 1/2" C	1.0	20A			2.5	20A/2	1.5	12/3 WG 1/2" C	SUBMERSIBLE PUMP 2	6
7	DISPENSER 4	12/2 WG 1/2" C	1.0	20A	2.5			20A/2	1.5			8
9	DISPENSER 5	12/2 WG 1/2" C	1.0	20A		2.5		20A/2	1.5	12/3 WG 1/2" C	SUBMERSIBLE PUMP 3	10
11	DISPENSER 6	12/2 WG 1/2" C	1.0	20A			2.5	20A/2	1.5			12
13	DISPENSER 7	12/2 WG 1/2" C	1.0	20A	2.5			20A/2	1.5	12/3 WG 1/2" C	SUBMERSIBLE PUMP 4	14
15	DISPENSER 8	12/2 WG 1/2" C	1.0	20A		2.5		20A/2	1.5			16
17	DISPENSER 9	12/2 WG 1/2" C	1.0	20A			1.0	–	–	– –	–	18
19	DISPENSER 10	12/2 WG 1/2" C	1.0	20A	1.0			–	–	– –	–	20
21	–	– –	–	–		–		–	–	– –	–	22
23	–	– –	–	–			–	–	–	– –	–	24
25	–	– –	–	–	–			–	–	– –	–	26
27	–	– –	–	–		–		–	–	– –	–	28
29	–	– –	–	–			–	–	–	– –	–	30
31	–	– –	–	–	–			–	–	– –	–	32
33	–	– –	–	–		–		–	–	– –	–	34
35	–	– –	–	–			–	–	–	– –	–	36
37	–	– –	–	–	–			–	–	– –	–	38
39	–	– –	–	–		–		–	–	– –	–	40
41	–	– –	–	–			–	–	–	– –	–	42
				PHASE TOTALS	8.5	7.5	6.0					

REMARKS:

TOTAL CONNECTED LOAD: 22,000 W/360 = 61 A

VOLTAGE: 208Y / 120 V
MAIN DEVICE: MLO
TYPE: TYPE1 FRAME QD
RATING: 400A – 3PH – 42 CKT

PANEL SCHEDULE
PANEL "E"

LOCATION: REAR WALL
MOUNTING: FLUSH
25,000 A.I.C. SYM.

CKT NO	ITEM	WIRE/ CONDUIT SIZE	KVA	CKT. BKR.	PHASE LOADS ØA	ØB	ØC	CKT. BKR.	KVA	WIRE/ CONDUIT SIZE	ITEM	CKT NO
1	LIGHTING	12/2 WG 1/2" C	1.0	20A	4.0			30A	3.0	10/2 WG 1/2" C	RESTROOM TANKLESS WATER HEATER	2
3	EXTERIOR SIGN	12/2 WG 1/2" C	1.0	20A		1.5		20A	0.5	12/2 WG 1/2" C	RESTROOM GFCI RECEPTACLES	4
5	LEFT RECEPTACLES (FUTURE)	12/2 WG 1/2" C	0.9	20A			4.1	40A/2	3.2	8/3 WG 3/4" C	ROOFTOP UNIT RTU-2	6
7	RIGHT RECEPTACLES	12/2 WG 1/2" C	0.9	20A	4.1			40A/2	3.2			8
9	–	– –	–	–		4.0		–	–	– –	–	10
11	–	– –	–	–			4.0	–	–	– –	–	12
13	–	– –	–	–	–			–	–	– –	–	14
15	–	– –	–	–		–		–	–	– –	–	16
17	–	– –	–	–			–	–	–	– –	–	18
19	–	– –	–	–	–			–	–	– –	–	20
21	–	– –	–	–		–		–	–	– –	–	22
23	–	– –	–	–			–	–	–	– –	–	24
25	–	– –	–	–	–			–	–	– –	–	26
27	–	– –	–	–		–		–	–	– –	–	28
29	–	– –	–	–			–	–	–	– –	–	30
31	–	– –	–	–	–			–	–	– –	–	32
33	–	– –	–	–		–		–	–	– –	–	34
35	–	– –	–	–			–	–	–	– –	–	36
37	–	– –	–	–	–			–	–	– –	–	38
39	–	– –	–	–		–		–	–	– –	–	40
41	–	– –	–	–			–	–	–	– –	–	42
				PHASE TOTALS	8.1	1.5	4.1					

REMARKS:

TOTAL CONNECTED LOAD: 13,700 W/360 = 38 A

VOLTAGE: 208Y / 120 V
MAIN DEVICE: MLO
TYPE: TYPE1 FRAME QD
RATING: 400A – 3PH – 42 CKT

PANEL SCHEDULE
PANEL "F"

LOCATION: REAR WALL
MOUNTING: FLUSH
25,000 A.I.C. SYM.

CKT NO	ITEM	WIRE/ CONDUIT SIZE	KVA	CKT. BKR.	PHASE LOADS ØA	ØB	ØC	CKT. BKR.	KVA	WIRE/ CONDUIT SIZE	ITEM	CKT NO
1	LIGHTING	12/2 WG 1/2" C	1.0	20A	4.0			30A	3.0	10/2 WG 1/2" C	RESTROOM TANKLESS WATER HEATER	2
3	EXTERIOR SIGN	12/2 WG 1/2" C	1.0	20A		1.5		20A	0.5	12/2 WG 1/2" C	RESTROOM GFCI RECEPTACLES	4
5	LEFT RECEPTACLES	12/2 WG 1/2" C	0.9	20A			4.1	40A/2	3.2	8/3 WG 3/4" C	ROOFTOP UNIT RTU-1	6
7	RIGHT RECEPTACLES (FUTURE)	12/2 WG 1/2" C	0.9	20A	4.1			40A/2	3.2			8
9	–	– –	–	–		–		–	–	– –	–	10
11	–	– –	–	–			–	–	–	– –	–	12
13	–	– –	–	–	–			–	–	– –	–	14
15	–	– –	–	–		–		–	–	– –	–	16
17	–	– –	–	–			–	–	–	– –	–	18
19	–	– –	–	–	–			–	–	– –	–	20
21	–	– –	–	–		–		–	–	– –	–	22
23	–	– –	–	–			–	–	–	– –	–	24
25	–	– –	–	–	–			–	–	– –	–	26
27	–	– –	–	–		–		–	–	– –	–	28
29	–	– –	–	–			–	–	–	– –	–	30
31	–	– –	–	–	–			–	–	– –	–	32
33	–	– –	–	–		–		–	–	– –	–	34
35	–	– –	–	–			–	–	–	– –	–	36
37	–	– –	–	–	–			–	–	– –	–	38
39	–	– –	–	–		–		–	–	– –	–	40
41	–	– –	–	–			–	–	–	– –	–	42
				PHASE TOTALS	8.1	1.5	4.1					

REMARKS:

TOTAL CONNECTED LOAD: 13,700 W/360 = 38 A

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

:No:	:Date:	:Remarks:
0	08.10.24	ISSUE FOR CONSTRUCTION

:REVISIONS:

GEORGIA REGISTERED No. 17703 PROFESSIONAL ENGINEER HENRY J. LYAUTEY

This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:

PANEL SCHEDULES

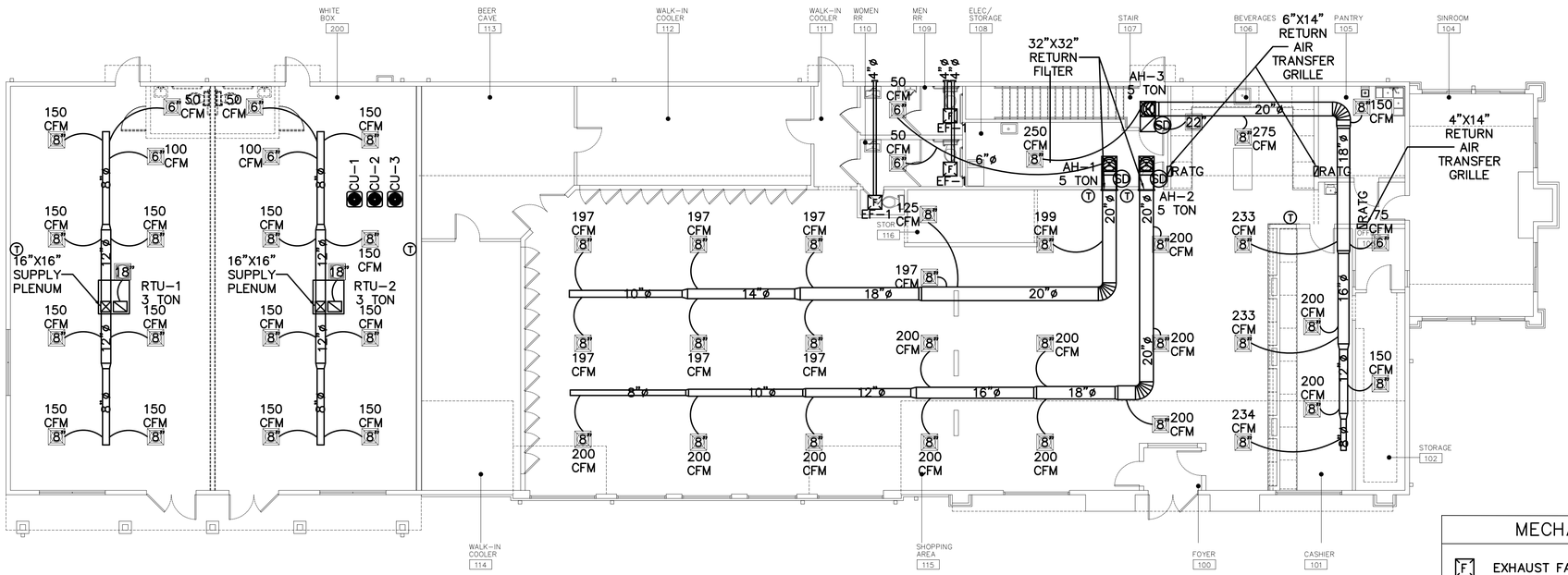
:ISSUE DATE:

:DRAWN BY:

HJL

:SHEET NUMBER:

E4



MECHANICAL LEGEND

- F — EXHAUST FAN VENTED OUTSIDE
- D — 24X24 CEILING SUPPLY DIFFUSER WITH 8" DUCT
- R — 24X24 RETURN AIR GRILLE WITH 8" DUCT
- T — PROGRAMMABLE THERMOSTAT, 54" A.F.F.

1 MECHANICAL PLAN

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

MECHANICAL NOTES:

1. THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND NECESSARY ITEMS TO OBTAIN AND PAY FOR ALL FEES AND PERMITS REQUIRED TO INSTALL A COMPLETE HVAC SYSTEM. EQUIPMENT MODEL NUMBERS SHALL BE VERIFIED PRIOR TO PROCUREMENT.
2. IT IS THE INTENT OF THESE PLANS FOR THE MECHANICAL CONTRACTOR TO PROVIDE A COMPLETE HVAC SYSTEM, REGARDLESS OF WHETHER EACH INDIVIDUAL COMPONENT IS INCLUDED IN THESE PLANS OR NOT.
3. PROVIDE AND INSTALL NEW SUPPLY AND RETURN DUCTWORK AS INDICATED.
4. PROVIDE NEW REMOTE WALL MOUNTED PROGRAMMABLE 24V DC THERMOSTAT WITH SUBBASE AND COOL/HEAT POSITIONS, AND ON/OFF/AUTO FAN SWITCH. SUMMER WINTER CHANGEOVER SHALL BE MANUAL. IN THE COOLING POSITION, THE THERMOSTAT SHALL ENERGIZE THE CONDENSING UNIT TO MAINTAIN 75ø F (ADJUSTABLE). IN THE HEATING POSITION, THE THERMOSTAT SHALL MODULATE THE ELECTRIC HEATING COIL TO MAINTAIN 68ø (ADJUSTABLE). FAN SHALL BE ENERGIZED BY THE ON SWITCH (CONTINUOUS RUN), AUTO (MODULATED WITH COOLING OR HEATING REQUIREMENT) AND BE DC-ENERGIZED WITH THE OFF SWITCH. PROVIDE CONTROLS TO PREVENT HEATER FROM OPERATING IN THE ABSENCE OF AIR FLOW. SMOKE DETECTOR (IF REQUIRED) IN RETURN AIR DUCT SHALL ACT TO SHUT DOWN FAN WHEN SMOKE IS PRESENT. (SECTION 6.4.3 OF ANSI/ASHRAE/IESNA STANDARD 90.1, IECC SECTION 701.1 OF THE GEORGIA STATE SUPPLEMENTS & AMENDMENTS)
5. ALL DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED STEEL AS RECOMMENDED IN SMACNA LOW PRESSURE DUCT CONSTRUCTION STANDARDS, LATEST EDITION. PROVIDE 1-1/2" THICK FIBERGLASS ALUMINUM FACED INSULATION BLANKET. NEW FIRE DAMPERS SHALL BE INSTALLED IN DUCTWORK PER LOCAL CODE, NFPA AND SMACNA STANDARDS.
6. FLEXIBLE DUCTWORK SHALL BE FLEXMASTER TYPE 3, OR EQUAL, SAME SIZE AS DIFFUSER NECKS. FLEXIBLE DUCTWORK SHALL BE INSTALLED AS STRAIGHT AS POSSIBLE AND SHALL BE ROUTED AND SUPPORTED WITHOUT FORMING CRIMPS OR OTHER AIR FLOW RESTRICTIONS.
7. EXHAUST DUCTWORK SHALL BE SHEET METAL AND SHALL NOT BE INSULATED UNLESS NOTED OTHERWISE.
8. ROUND AND FLEXIBLE DUCTWORK SHALL BE CONNECTED TO MAIN DUCTS WITH SPIN-IN FITTINGS WITH AIR SCOOPS.
9. ALL MECHANICAL EQUIPMENT, SYSTEMS AND INSTALLATIONS SHALL CONFORM WITH THE REQUIREMENTS OF THE INTERNATIONAL MECHANICAL CODE 2021 EDITION, THE INTERNATIONAL BUILDING CODE, THE STATE ENERGY CODE, NFPA 90A, AND ALL APPLICABLE CODES AND ORDINANCES.
10. 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.
11. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
12. ALL MECHANICAL EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY OWNER.
13. SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT PRIOR TO ORDERING, PURCHASING, OR FABRICATING ANY MECHANICAL EQUIPMENT. SHOP DRAWINGS SHALL INCLUDE: ALL EQUIPMENT SCHEDULED OR SPECIFIED ON THE DRAWINGS; DUCTWORK DRAWN TO 1/4" SCALE OR THE SCALE SHOWN ON THE DRAWINGS; REFRIGERANT PIPING AND CONTROL WIRING SCHEMATICS APPROVED BY THE AIR CONDITIONING EQUIPMENT MANUFACTURER.
14. LOCATIONS OF GRILLES, REGISTERS, & DIFFUSERS SHOWN ON THE DRAWINGS ARE APPROXIMATE. COORDINATE EXACT LOCATIONS WITH LIGHTS, CEILING TYPE, ETC.
15. 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 ARCHITECT.
16. AFTER CONSTRUCTION, THE ENTIRE HVAC SYSTEM SHALL BE TESTED, ADJUSTED AND BALANCED TO DELIVER THE AIR QUANTITIES SHOWN ON THE DRAWINGS.
17. THE HVAC SYSTEM INCLUDES BUT IS NOT NECESSARILY LIMITED TO THE FOLLOWING:
    - * FURNISH AND INSTALL SUPPLY & RETURN DUCTWORK SYSTEM WITH GRILLES, DIFFUSERS FILTERS AND DAMPERS.
    - * FURNISH AND INSTALL TEMPERATURE CONTROL SYSTEM INCLUDING LOW-VOLTAGE WIRING.
    - * ROOF CURBS, ROOFING AND FLASHING OF ROOF PENETRATIONS IF REQUIRED.
    - * CONTROLS AND WIRING FOR CONNECTION TO LANDLORD'S FIRE/SMOKE ALARM SYSTEM (WHEN REQUIRED).
18. HVAC EQUIPMENT
    CEILING SUPPLY DIFFUSERS: TITUS MODEL 250AA OR EQUAL.
    FOR 6" DUCT: 8X8 FOR 8" DUCT: 10X10 FOR 10"DUCT: 12X12
    RETURN AIR GRILLE: TITUS MODEL 300FL OR EQUAL.
    FOR 6" DUCT: 8X8 FOR 8" DUCT: 10X10 FOR 10" DUCT: 12X12
    FOR 12" DUCT: 14X14
    FOR 14" DUCT: 16X16 FOR 20" DUCT" 22X22
    THERMOSTAT: HONEYWELL PROGRAMMABLE MODEL CT 3500A VR 5-2-1.
19. MATERIALS EXPOSED WITHIN PLENUMS ARE REQUIRED TO BE NON-COMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 50 AS DETERMINED IN ACCORDANCE WITH ASTM E 84 EXCEPT FOR TESTED AND LABELED WIRING, FIRE SPRINKLER PIPING, PNEUMATIC TUBING AND ELECTRICAL EQUIPMENT. (IBC SECTIONS 603.1 EXCEPTION 22, 717.5 EXCEPTION 2, 1017.4.1; IMC SECTION 602.2.1)
20. SUPPLY AIR SYSTEM SMOKE DETECTORS SHALL BE INSTALLED IN SUPPLY AIR SYSTEMS WITH A DESIGN CAPACITY GREATER THAN 2,000 CFM PER THE INTERNATIONAL MECHANICAL CODE, CHAPTER 6, SECTION 606.2.1, WITH GEORGIA STATE AMMENDMENTS.
21. ROOMS ENCLOSING AIR HANDLING EQUIPMENT, COMPRESSOR EQUIPMENT, FURNACES OR OTHER HEATING EQUIPMENT WITH A TOTAL AGGREGATE INPUT RATING LESS THAN 200,000 BTU/HR SHALL NOT BE USED FOR COMBUSTABLE STORAGE. A MINIMUM OF 30 INCHES UNOBSTRUCTED ACCESS SHALL BE PROVIDED AND MAINTAINED TO THE EQUIPMENT AND TO ELECTRICAL OR EMERGENCY CONTROL PANELS OR DEVICES FOR EMERGENCY RESPONSE PURPOSES.
22. RESTROOM DOORS SHALL BE UNDERCUT 3/4" OR PROVIDED WITH A LOUVER TO ALLOW EXAUST VENTILATION.
23. INSULATION EXPOSED TO WEATHER SHALL BE SUITABLE FOR OUTDOOR SERVICE, E.G., PROTECTED BY ALUMINUM, SHEET METAL, PAINTED CANVAS, OR PLASTIC COVER. CELLULAR FOAM INSULATION SHALL BE PROTECTED AS ABOVE OR PAINTED WITH A COATING THAT IS WATER RETARDANT AND PROVIDES SHIELDING FROM SOLAR RADIATION. ASHRAE 90.1-2019 6.3.2.I

3 TON GAS HEAT PACKAGE UNIT SCHEDULE

MARK	QTY	COOLING CAPACITY			HEATING CAPACITY		FAN DATA		MANUFACTURER	MODEL #	OUTSIDE AIR	REMARKS
		TOTAL	SENSIB.	SEER	BTU/HR	AFUE	CFM	SP				
RTU-1 RTU-2	2	36,000	25,300	14.0	80,000	81	1200	0.5	GOODMAN	GPG1436080M41	BELOW	SEE BELOW

1. ROOFTOP GAS HEAT PACKAGE UNIT.
2. CAPACITY BASED ON 80° F DB, 67° F WB, ENTERING AIR TEMPERATURE AND 95° DB O.A. TEMP.
3. SEER = 13 MIN. COP = 2.0 @17° DB/15° WB.
4. OUTSIDE AIR REQUIREMENTS SHALL COMPLY WITH IMC 2018 TABLE 403.3.1.1

RTU-1 AND RTU-2
TO BE DETERMINED WITH FUTURE TENANT FLOORPLAN

5 TON SPLIT SYSTEM WITH GAS HEAT UNIT SCHEDULE

MARK	QTY	COOLING CAPACITY			HEATING CAPACITY		FAN DATA		MANUFACTURER	MODEL #	OUTDOOR AIR	REMARKS
		TOTAL	SENSIB.	SEER	BTU/HR	AFUE	CFM	SP				
CU-1 2,3	3	60,000	43,450	16.0	80,000	80	–	–	GOODMAN	GSX160601	–	2, 3
AH-1 2,3	3	–	–	–	–	–	2000	0.5	GOODMAN	GMS80805CN	N/A	1, 4

1. VERTICLE AIRHANDLER LOCATED ON MEZZANINE.
2. CAPACITY BASED ON 80° F DB, 67° F WB, ENTERING AIR TEMPERATURE AND 95° DB O.A. TEMP.
3. SEER = 13 MIN. COP = 2.0 @17° DB/15° WB.
4. OUTSIDE AIR REQUIREMENTS SHALL COMPLY WITH IMC 2018 TABLE 403.3.1.1

AH-1
A. GAME ROOM: 110 SQ FT X .12 CFM/SQ FT = 13 CFM OA
B. SHOPPING AREA: 1368 SQ FT X .12 CFM/SQ FT = 164 CFM OA
C. CORRIDOR: 64 SQ FT X .06 CFM/SQ FT = 4 CFM OA
D. TOTAL OUTSIDE AIR REQUIRED FOR RTU-1 = 181 CFM
AH-2
A. SHOPPING AREA: 1479 SQ FT X .12 CFM/SQ FT = 177 CFM OA
AH-3
A. STORAGE: 379 SQ FT X .06 CFM/SQ FT = 23 CFM OA
B. SHOPPING AREA: 515 SQ FT X .12 CFM/SQ FT = 62 CFM OA
C. PANTRY: 116 SQ FT X .06 CFM/SQ FT = 7 CFM OA
D. OFFICE: 45 SQ FT X .06 CFM/SQ FT = 3 CFM OA
E. CASHIER: 279 SQ FT X .12 CFM/SQ FT = 33 CFM OA
F. CORRIDOR: 64 SQ FT X .06 CFM/SQ FT = 4 CFM OA
G. TOTAL OUTSIDE AIR REQUIRED FOR RTU-1 = 132 CFM

RTU-3 AND RTU-4
TO BE DETERMINED WITH FUTURE TENANT FLOORPLAN
AH-3

EXHAUST FAN SCHEDULE

MARK	QTY	CFM	MANUFACTURER	MODEL	REMARKS
EF-1	2	109	BROAN	L100	4" DUCT THROUGH WALL WITH BACKDRAFT DAMPER AND EXTERIOR MOUNTED WALL CAP

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

0	08.10.24	ISSUE FOR CONSTRUCTION
:Mark	:Date:	:Remarks:

:REVISIONS:

GEORGIA REGISTERED No. 17703 PROFESSIONAL ENGINEER HENRY J. LYAUTEY

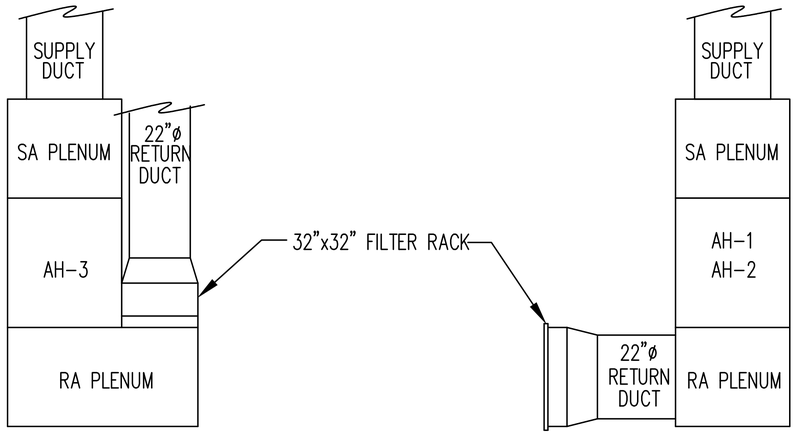
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
MECHANICAL PLAN
SCHEDULES AND NOTES

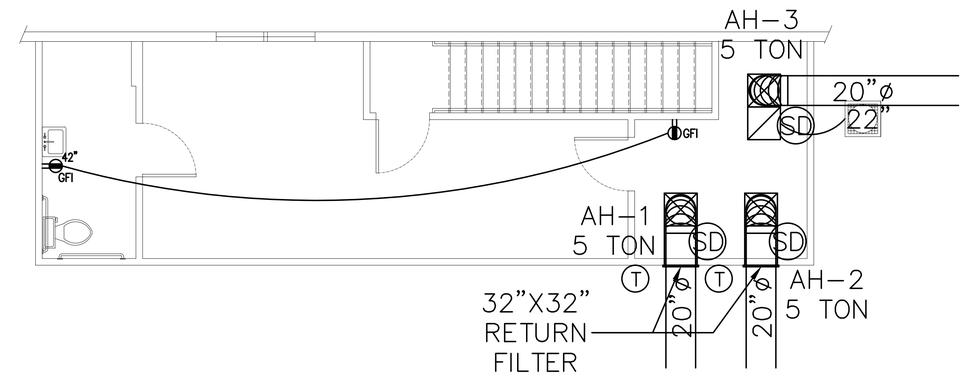
:ISSUE DATE:

:DRAWN BY:
HJL

:SHEET NUMBER:
M1



2 AIRHANDER DETAILS SCALE: NOT TO SCALE



MECHANICAL LEGEND

F	EXHAUST FAN VENTED OUTSIDE
G	24X24 CEILING SUPPLY DIFFUSER WITH 8" DUCT
R	24X24 RETURN AIR GRILLE WITH 8" DUCT
T	PROGRAMMABLE THERMOSTAT, 54" A.F.F.

1 MEZZANINE MECHANICAL PLAN SCALE: 1/4"=1'-0"

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

0	08.10.24	ISSUE FOR CONSTRUCTION
:No:	:Date:	:Remarks:

:REVISIONS:

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 17703 HENRY J. LYAUTEY

This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
MEZZANINE MECHANICAL PLAN AND DETAILS

:ISSUE DATE:

:DRAWN BY:
HJL

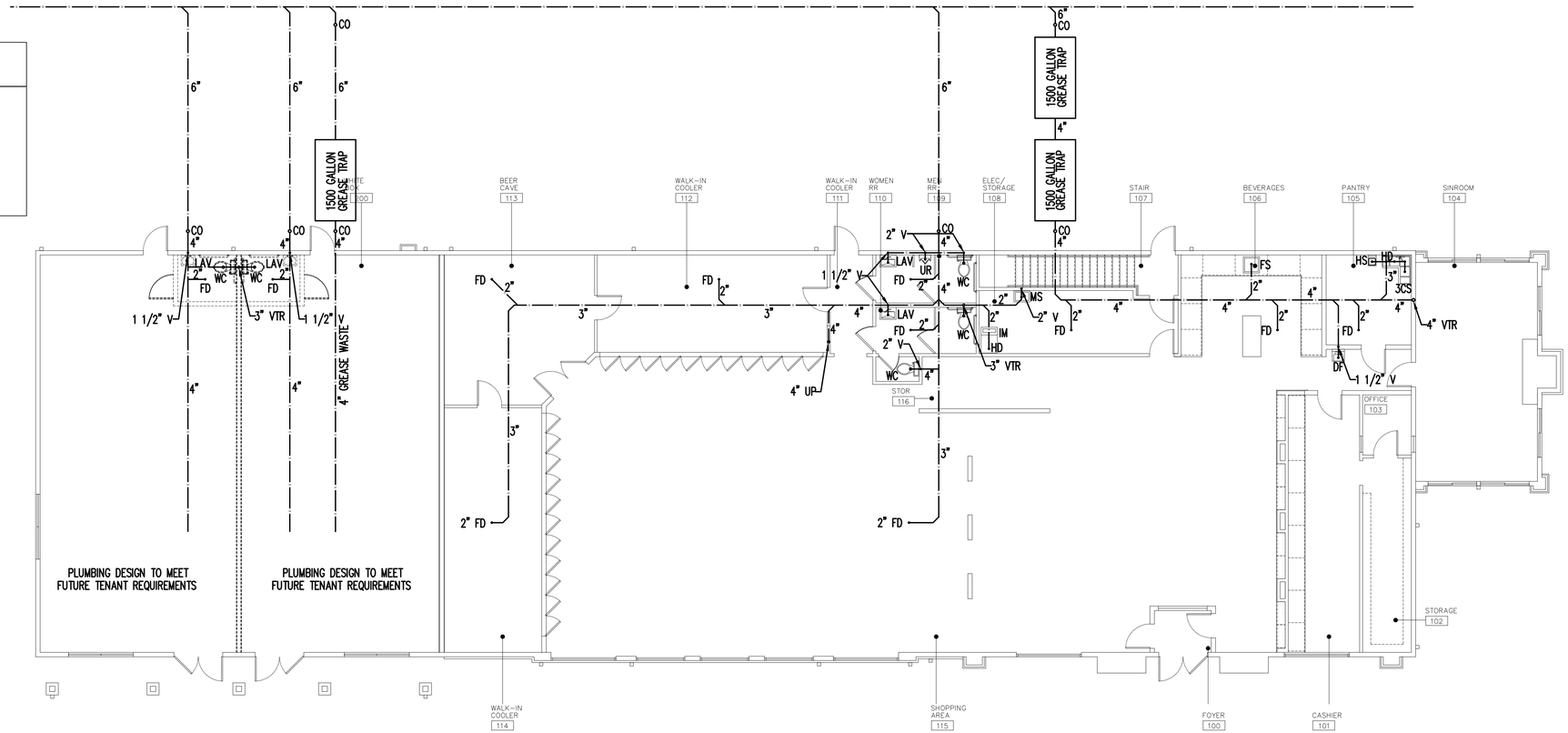
:SHEET NUMBER:
M2

PIPING LEGEND

—— S ——	SANITARY PIPING
— - — — - —	CW PIPING
—— - - ——	HW PIPING

WASTEWATER PLUMBING LEGEND

FCO	FLOOR CLEAN-OUT
WCO	WALL CLEAN-OUT
CO	EXTERIOR CLEAN-OUT
FD	FLOOR DRAIN
V	VENT PIPE
VTR	VENT THRU ROOF
IV	ISLAND VENT
SH	SHOWER
HSH	HANDICAPPED SHOWER
WC	WATER CLOSET
LAV	LAVATORY FIXTURE
DF	DRINKING FOUNTAIN
WM	WASHING MACHINE
MT	MASTER (FRESH AIR) TRAP

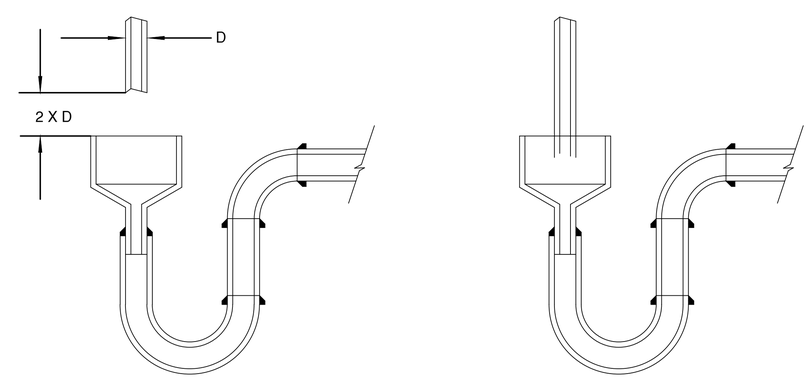


1 SANITARY PIPING PLAN

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

PLUMBING NOTES:

1. THE PLUMBING CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, EQUIPMENT AND NECESSARY ITEMS AND OBTAIN AND PAY FOR ALL FEES AND PERMITS REQUIRED TO INSTALL A COMPLETE PLUMBING SYSTEM.
2. IT IS THE INTENT OF THESE PLANS FOR THE PLUMBING CONTRACTOR TO PROVIDE A COMPLETE SYSTEM, REGARDLESS OF WHETHER EACH INDIVIDUAL COMPONENT IS INCLUDED IN THESE PLANS OR NOT.
3. VERIFY LOCATION, SIZE INVERTS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION. ADVISE ENGINEER OF ANY DISCREPANCIES.
4. PROVIDE CHROME PLATED FLOOR, WALL AND CEILING PLATES AT EACH EXPOSED POINT WHERE PIPES PASS THROUGH FLOOR, WALL AND/OR CEILING.
5. ALL WATER PIPING AND ALL RELATED VALVES, FITTINGS, AND JOINTS SHALL BE INSULATED WITH 1/2" MINIMUM THICKNESS INSULATION IN ACCORDANCE WITH THE INTERNATIONAL ENERGY CONSERVATION CODE SECTION 503.3.3.2 WITHIN CONDITIONED SPACES USE 1" PREFORMED FIBERGLASS PIPE INSULATION WITH FACTORY JACKET.
6. JOINT JACKET: JOINTS AND FITTINGS SHALL BE DONE IN ACCORDANCE WITH RECOMMENDATIONS OF MANUFACTURER SUPPLYING THE INSULATION MATERIALS, INCLUDING INSULATION CLOTHS, CEMENTS, JACKETS, FACINGS, ADHESIVES, MASTIC, TAPES, AND OTHER ACCESSORIES SHALL HAVE COMPOSITE FIRE AND SMOKE HAZARD RATING AS TESTED BY U.L. PROCEDURE U1723, NOT EXCEEDING FLAME SPREAD RATING OF 25 AND SMOKE DEVELOPED RATING OF 50. USE OF WATER SOLUBLE TREATMENTS TO ACHIEVE THESE RATINGS IS NOT ACCEPTABLE.
7. WATER PIPING BELOW FLOOR SLAB ON EARTH AND OUTSIDE SHALL BE TYPE "L" HARD COPPER WITH WROUGHT COPPER FITTINGS MADE USING LEAD FREE SOLDERED JOINTS.
8. INSIDE WATER PIPING SHALL BE PVC PLASTIC PIPE OR CPVC PLASTIC FOR HOT WATER PIPING.
9. SOIL, WASTE, AND VENT PIPING BELOW FLOOR SLAB ON EARTH SHALL BE SCHEDULE 40 DWV PVC PLASTIC PIPE WITH SOLVENT WELDED JOINTS FOR ALL SOIL, WASTE AND VENT PIPING. PLASTIC PIPE MAY ONLY BE USED IF APPROVED BY PLUMBING AND FIRE CODES. PLASTIC PIPE OR ANY COMBUSTIBLE MATERIAL SHALL NOT BE USED IN ANY RETURN AIR PLENUM.
10. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES AND ALL WATER HAMMER ARRESTERS. ACCESS PANELS IN RATED WALL MUST MAINTAIN THE SAME RATING AND MUST MATCH THE FINISH OF THE WALL IN WHICH IT IS INSTALLED.
11. PROVIDE CLEANOUTS WHERE INDICTED AND WHERE REQUIRED BY CODE. (75 FT. FOR 4" PIPE AND 50 FT. FOR 3" PIPE. CLEANOUT COVER PLATES SHALL BE METAL AND HAVE TOP FLUSH WITH FINISHED WALL FLOOR OR GRADE. WALL CLEANOUTS SHALL BE NO HIGHER THAN 12" ABOVE FLOOR, UNLESS OTHERWISE INDICATED. FOR DWV PVC PLASTIC PIPE SYSTEM, USE CLEANOUTS MANUFACTURED BY SMITH, JONESPEC, JOSAM, WADE OR ZURN.
12. A SHUT OFF VALVE SHALL BE PROVIDED IN THE COLD WATER SUPPLY TO WATER HEATER AND SHALL BE ACCESSIBLE ON THE SAME FLOOR AND WITHIN 3 FT. OF THE HEATER.
13. PROVIDE VACUUM BREAKER OR ANTI-SIPHON AT THE WATER HEATER AS PER CODE.
14. WATER PIPE SHALL BE DISINFECTED AS PER CODE.
15. PROVIDE WATER PRESSURE REGULATOR WITH STRAINER IF THE WATER PRESSURE IS MORE THAN 80 PSI.
16. HORIZONTAL DRAINAGE PIPING SHOULD BE INSTALLED AT A UNIFORM SLOPE. 3" DIAMETER AND SMALLER PIPE SHALL BE INSTALLED WITH A FALL OF NOT LESS THAN 1/4 INCH PER FOOT. 3" DIAMETER AND LARGER PIPE SHALL BE INSTALLED WITH A FALL OF NOT LESS THAN 1/8" PER FOOT. CONTRACTOR SHALL VERIFY THE INVERT ELEVATION OF PIPING WITH CIVIL PLAN BEFORE INSTALLING THE PIPE.
17. PROVIDE THE VACUUM BREAKER AT THE FOLLOWING LOCATIONS.
    A. EXTERIOR SILL COCKS.
18. WATER LINES SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELS.
19. WORK PERFORMED BY THE PLUMBING CONTRACTOR SHALL COMPLY WITH THE STANDARDS OF THE FOLLOWING CODES AND ORDINANCES:
    A. INTERNATIONAL PLUMBING CODE, 2021 EDITION WITH GEORGIA STATE AMENDMENTS.
    B. INTERNATIONAL FUEL GAS CODE, 2021 EDITION WITH GEORGIA STATE AMENDMENTS.
20. ALL FLOOR DRAINS SHALL BE EQUIPPED WITH AN AUTOMATIC TRAP PRIMER SEAL.



AIR GAP

REQUIRED FOR CLOSED UNITS

AIR BREAK

ACCEPTABLE FOR OPEN UNITS

TREINIS ARCHITECTURE

PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

0	08.10.24	ISSUE FOR CONSTRUCTION
:No:	:Date:	:Remarks:

:REVISIONS:

GEORGIA REGISTERED No. 17703 PROFESSIONAL ENGINEER HENRY J. LYAUTEY

This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

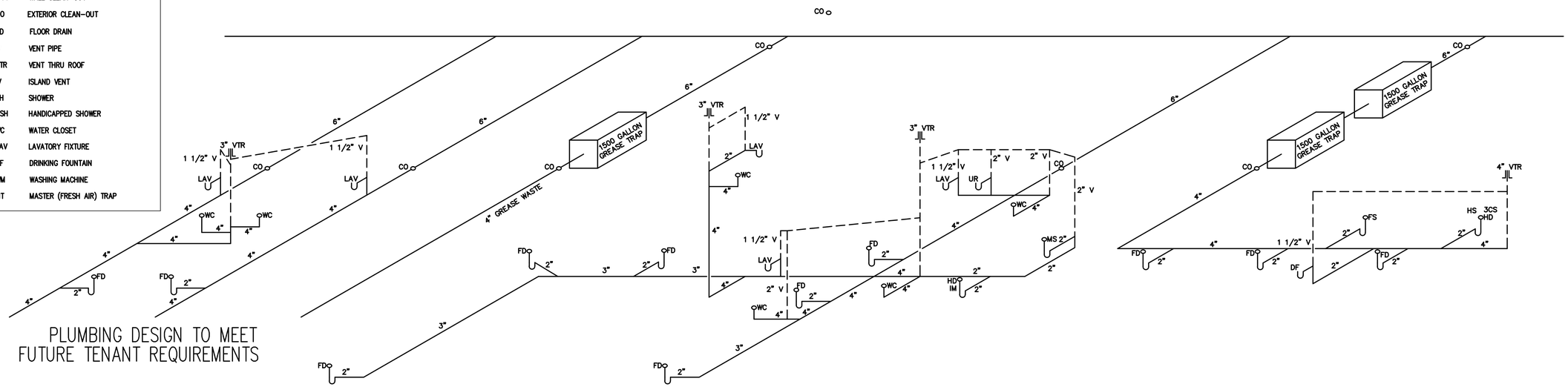
:DRAWING TITLE:
SANITARY PIPING PLAN
NOTES AND DETAILS

:ISSUE DATE:

:DRAWN BY:
HJL

:SHEET NUMBER:
P1

WASTEWATER PLUMBING LEGEND	
FCO	FLOOR CLEAN-OUT
WCO	WALL CLEAN-OUT
CO	EXTERIOR CLEAN-OUT
FD	FLOOR DRAIN
V	VENT PIPE
VTR	VENT THRU ROOF
IV	ISLAND VENT
SH	SHOWER
HSH	HANDICAPPED SHOWER
WC	WATER CLOSET
LAV	LAVATORY FIXTURE
DF	DRINKING FOUNTAIN
WM	WASHING MACHINE
MT	MASTER (FRESH AIR) TRAP

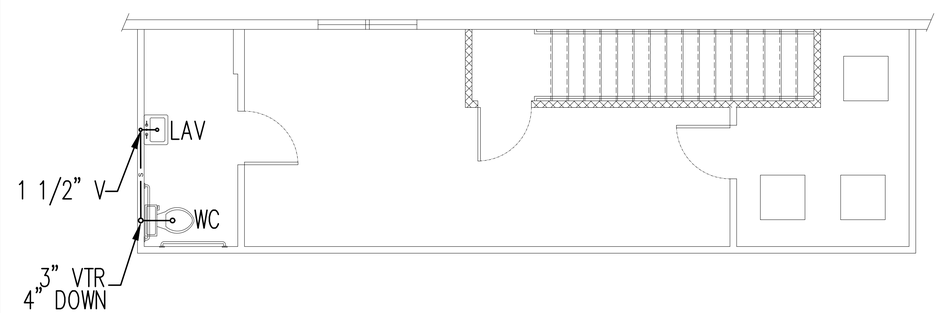


PLUMBING DESIGN TO MEET
FUTURE TENANT REQUIREMENTS

1 SANITARY PIPING RISER DIAGRAM

SCALE: NOT TO SCALE

PLUMBING FIXTURE CONNECTION SCHEDULE								
SYMBOL	FIXTURE	RUN-OUT SIZES			MTG. HT.	DESCRIPTION	MANUFACTURER	MODEL NO.
		W	C.W.	H.W.				
WC	WATER CLOSET	3"	1/2"	——	15"	18" FLOOR TO RIM (HANDICAPPED)	TOTO	CT705ULN#01
LAV	LAVATORY	1 1/4"	1/2"	1/2"	29"	29" FLOOR TO BOTTOM OF APRON	NAMEEKS	032000-U
HS	HAND SINK	1 1/2"	1/2"	1/2"	29"	HAND SINK	REGENCY	600HS12SP
DF	DRINKING FOUNTAIN	1 1/4"	1/2"	——	35"	HIGH LOW DRINKING FOUNTAIN	GLOBAL	WB761218
MS	MOP SINK	2"	1/2"	1/2"	FLOOR	MOP SINK	REGENCY	600SM16206
3CS	3 COMPARTMENT SINK	1 1/2"	1/2"	1/2"	29"	3 COMPARTMENT SINK	REGENCY	600S3141414XC
UR	URINAL	2"	1"	——	24"	URINAL	TOTO	UT447E#01
WH	WATER HEATER	———	3/4"	3/4"	12"	GAS TANKLESS WATER HEATER (199 KBTU/HR)	RINNAI	RU199IN



1 MEZZANINE SANITARY PIPING PLAN

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

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

0	08.10.24	ISSUE FOR CONSTRUCTION
:No:	:Date:	:Remarks:

:REVISIONS:

GEORGIA REGISTERED No. 17703 PROFESSIONAL ENGINEER HENRY J. LYAUTEY

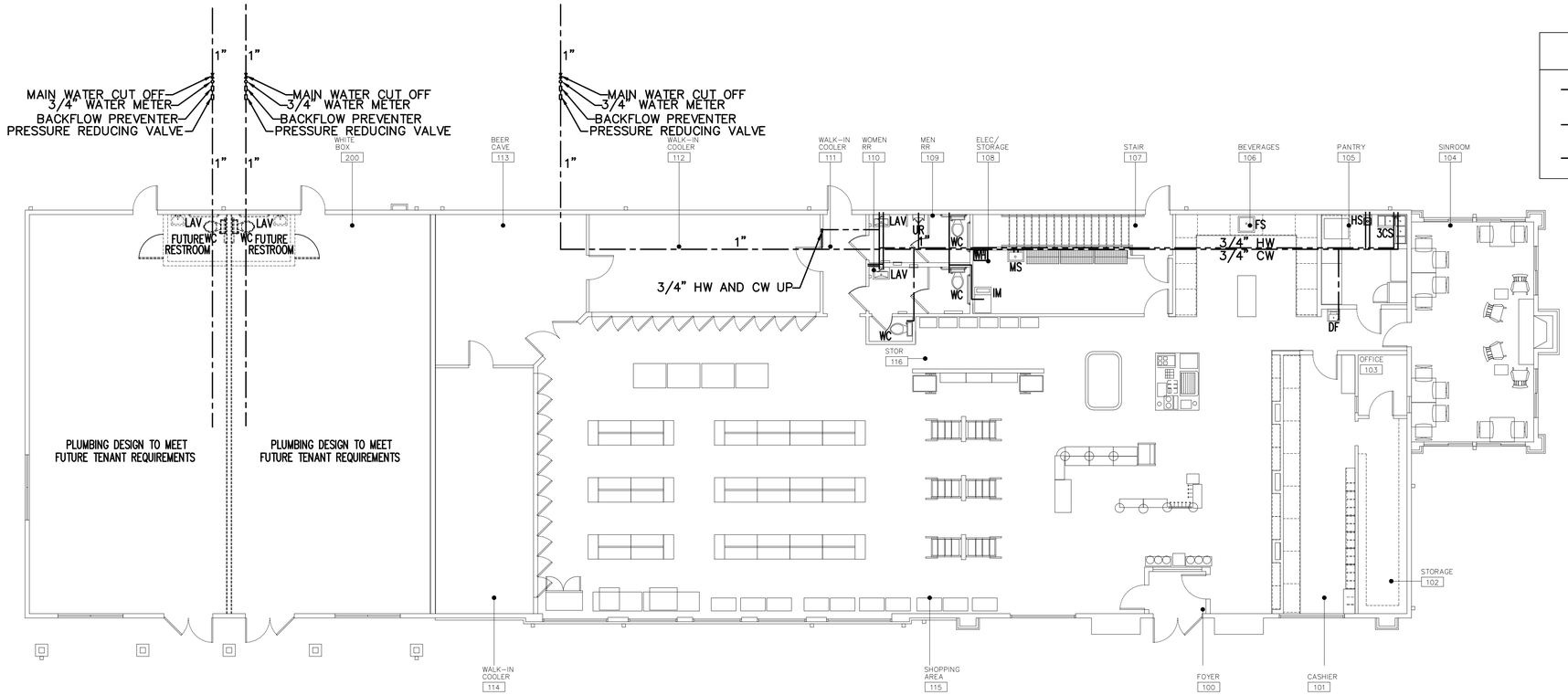
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
SANITARY PIPING RISER DIAGRAM
MEZZANINE SANITARY PLAN
AND FIXTURE SCHEDULE

:ISSUE DATE:

:DRAWN BY:
HJL

:SHEET NUMBER:
P2



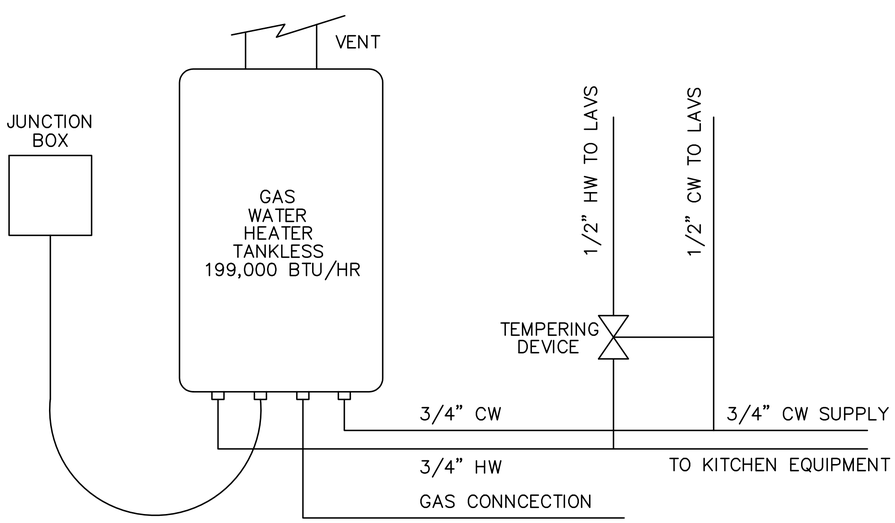
PIPING LEGEND

—— S ——	SANITARY PIPING
— - — - —	CW PIPING
—— - - ——	HW PIPING

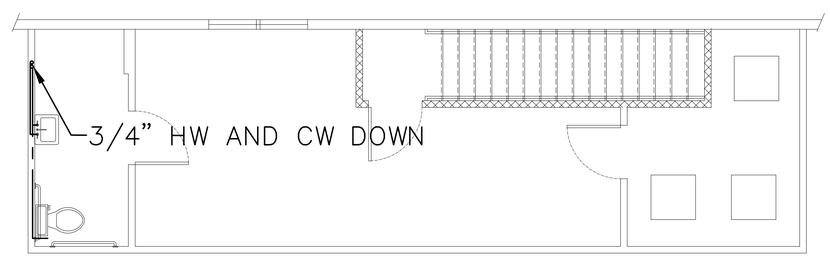
WASTEWATER PLUMBING LEGEND

FCO	FLOOR CLEAN-OUT
WCO	WALL CLEAN-OUT
CO	EXTERIOR CLEAN-OUT
FD	FLOOR DRAIN
V	VENT PIPE
VTR	VENT THRU ROOF
IV	ISLAND VENT
SH	SHOWER
HSH	HANDICAPPED SHOWER
WC	WATER CLOSET
LAV	LAVATORY FIXTURE
DF	DRINKING FOUNTAIN
WM	WASHING MACHINE
MT	MASTER (FRESH AIR) TRAP

1 POTABLE WATER PIPING PLAN — SCALE: 1/8"=1'-0"



3 WATER HEATER DETAIL — SCALE: NOT TO SCALE



2 MEZZANINE POTABLE WATER PIPING PLAN — SCALE: 1/4"=1'-0"

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

0	08.10.24	ISSUE FOR CONSTRUCTION
:No:	:Date:	:Remarks:

:REVISIONS:

GEORGIA REGISTERED No. 17703 PROFESSIONAL ENGINEER HENRY J. LYAUTEY

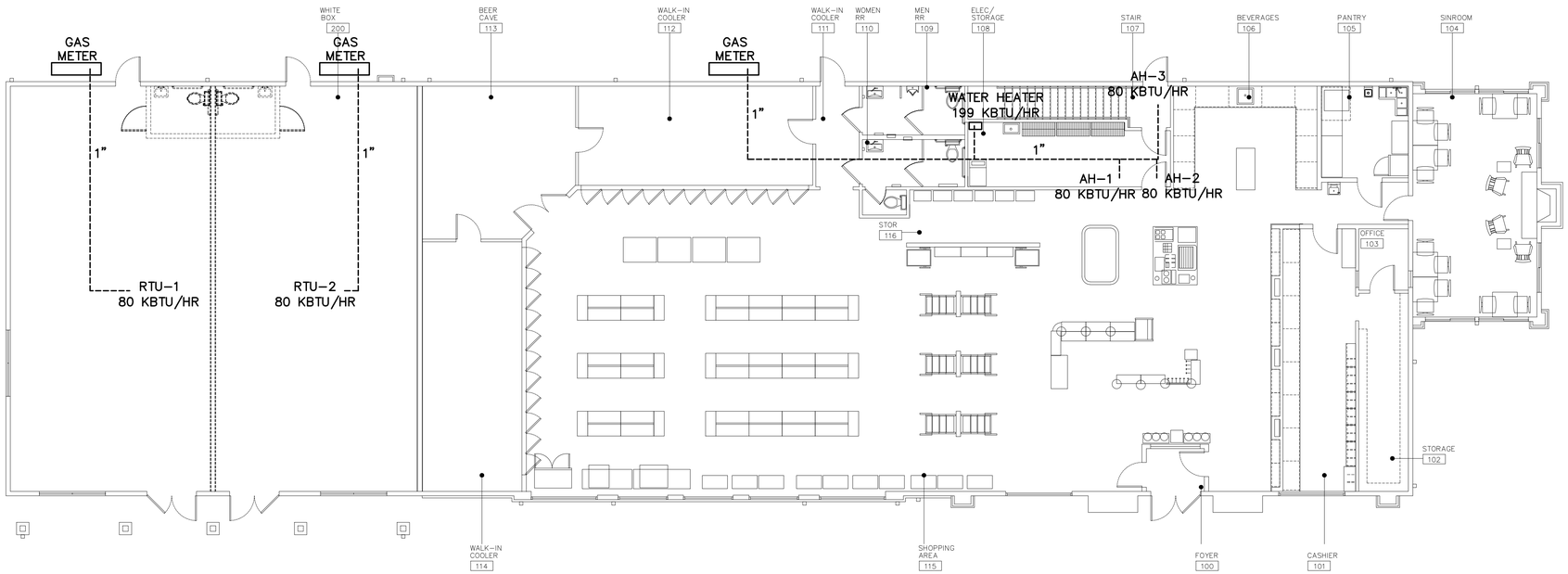
This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
POTABLE WATER PIPING PLANS AND WATER HEATER DETAIL

:ISSUE DATE:

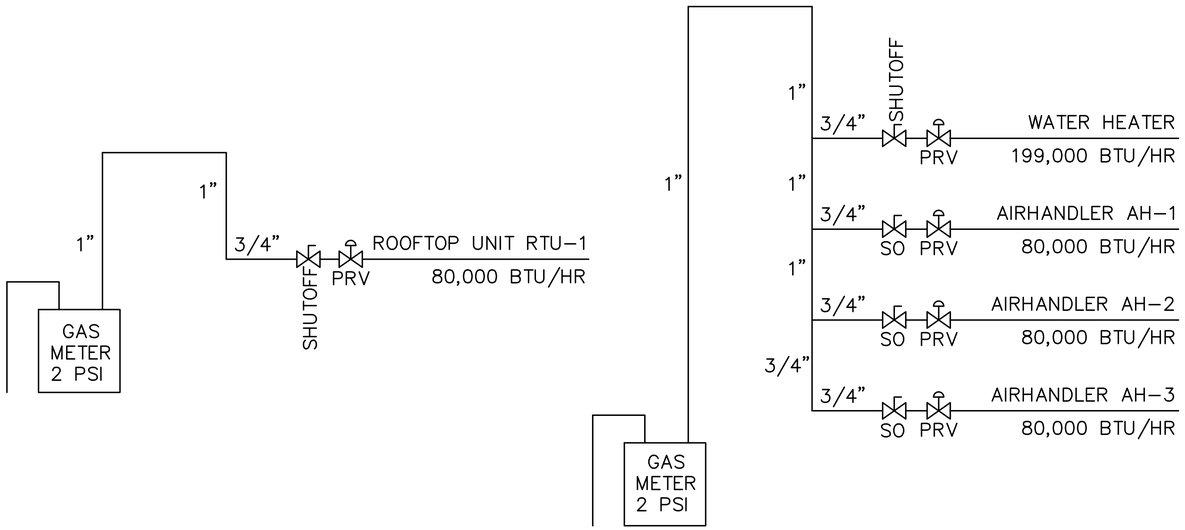
:DRAWN BY:
HJL

:SHEET NUMBER:
P3



1 GAS PIPING PLAN

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



GAS PIPING RISER DIAGRAM NOTES:

1. GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL ASTM A53 OR ATM 106 WITH MALLEABLE IRON SCREWED FITTINGS. ALL PORTIONS OF GAS PIPING UNDERGROUND OR IN FLOOR SLAB SHALL HAVE ASPHALTIC COATING EQUAL TO SOUTHERN WF-1. GAS PIPING RUN IN CONCRETE FLOOR SLAB SHALL HAVE AT LEAST 2" OF CONCRETE ON ALL SIDES. WALLS OR ENCLOSED SPACES WHERE GAS IS RUN SHALL BE VENTED WITH APPROVED GRILLES OR CONDUIT TO OUTSIDE. SEE PLUMBING DRAWINGS FOR SIZES AND COORDINATE WITH PLUMBING CONTRACTOR.
2. FLEXIBLE CONNECTORS SHALL BEAR THE LABEL OF AN APPROVED AGENCY. THE CONNECTORS SHALL BE A MAXIMUM OF SIX FEET IN LENGTH.
3. GAS PIPING SHALL BE IDENTIFIED AS A NATURAL GAS PIPING. IDENTIFICATION SHALL BE IN THE FORM OF A TAG, STENCIL OR OTHER PERMANENT MARKING, SPACED AT INTERVALS OF NOT MORE THAN 25 FEET AND NOT LESS THAN ONCE IN ANY ROOM OR SPACE.
4. PIPE JOINTS SHALL BE THREADED, FLANGED OR WELDED. JOINT COMPOUND SHALL BE RESISTANT TO THE ACTION OF LIQUIFIED PETROLEUM GAS OR TO ANY OTHER CHEMICAL CONSTITUENTS OF THE GAS TO BE CONDUCTED THROUGH THE PIPING.
5. JOINTS BETWEEN DIFFERENT METALLIC PIPING MATERIAL SHALL BE MADE WITH APPROVED DIELECTRIC FITTINGS TO ISOLATE ELECTRICALLY ABOVE GROUND PIPING FROM UNDERGROUND PIPING OR TO ISOLATE ELECTRICALLY DIFFERENT METALLIC PIPING MATERIALS JOINED UNDERGROUND.
6. GAS PIPING SHALL BE SUPPORTED AT INTERVALS NOT EXCEEDING:

   1/2" PIPE – 6'
   3/4" TO 1" – 8'
   1 1/4" AND UP – 10'

TREINIS ARCHITECTURE
PH. 404.954.0806
EMAIL: TREINIS@GMAIL.COM
WWW.TREINIS.COM

PLAN NORTH

ISSUED FOR CONSTRUCTION

"WILEY MARKET"
C-STORE DESIGN

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

0	08.10.24	ISSUE FOR CONSTRUCTION
:No:	:Date:	:Remarks:

:REVISIONS:

GEORGIA REGISTERED No. 17703 PROFESSIONAL ENGINEER HENRY J. LYAUTEY

This drawing is the property of D. Treinis and is not to be reproduced or copied in whole or in part. It is not to be used on any other project and is to be returned upon request. Scales as stated herein are for reference only as normal reproduction processes may alter the accuracy of original drawings.
DESIGN TODAY 2005

:DRAWING TITLE:
GAS PIPING PLAN
AND GAS RISER DIAGRAMS

:ISSUE DATE:

:DRAWN BY:
HJL

:SHEET NUMBER:
P4

STRUCTURAL GENERAL NOTES - IBC 2021

1. GENERAL

a. Provide construction conforming to the 2018 International Building Code with 2020, 2022 and 2024 Georgia Amendments for all instances. Reference to other standards, specifications, or codes means the latest standard or code published and adopted.

b. Material tests and inspections are required per the 2018 International Building Code with 2020, 2022 and 2024 Georgia Amendments for all instances. Refer to the project Statement of Special Inspections for required tests and inspections. Special inspection reports and a final report in accordance with the 2018 International Building Code with 2020, 2022 and 2024 Georgia Amendments for all instances at the time the building is approved for occupancy.

c. The structural general notes apply except where indicated otherwise on the drawings or in the specifications. A detail shown for one condition applies for all like or similar conditions even though not specifically indicated on the drawings.

d. Verify all existing conditions, dimensions, and elevations before starting work. Notify the Architect and Structural Engineer of Record in writing of any discrepancy.

e. The Contractor is solely responsible for the design, adequacy, and safety of erection bracing, shoring, temporary supports, and all other means, methods, techniques, sequences, and procedures of construction.

f. Coordinate the structural contract documents with architectural, mechanical, electrical, plumbing, civil, and all other consultants. Notify the Architect and Structural Engineer of Record in writing of any conflict and/or omission.

g. Coordinate and verify floor and roof opening sizes and locations with architectural, mechanical, plumbing, and electrical drawings. For additional openings not shown on the structural drawings refer to the architectural and mechanical drawings.

h. Review of the submittals and/or shop drawings by the Structural Engineer of Record is only for general conformance with the contract documents and does not relieve the Contractor of the responsibility to review and check shop drawings before submittal to the Structural Engineer of Record. The Contractor must review and stamp all submittals prior to submission. The Contractor remains solely responsible for errors and omissions associated with the preparation of shop drawings as they pertain to member sizes, details, and dimensions specified in the contract documents. Do not begin fabrication until shop drawings are completed and reviewed by the Structural Engineer of Record.

i. Do not make shop drawings using reproductions of the contract documents or referencing the contract documents.

2. EXISTING CONDITIONS

a. Renovation of existing structures requires thorough coordination of the contract documents with existing conditions. The Contractor must verify all relevant existing conditions, dimensions, and details prior to beginning construction. Report any deviations from conditions or dimensions shown on the contract documents to the Architect and Structural Engineer of Record for review of the design and possible revision of the contract documents.

b. The nature of structural demolition and stabilization is inherently uncertain. The exact condition and capacity of each structural element cannot be verified prior to the commencement of work. As a result, it is imperative to report any discrepancies between the contract documents and actual field conditions, as well as any element of questionable structural integrity immediately to the Architect and Structural Engineer of Record for review.

c. No attempt has been made to define each specific structural element that must be removed, enhanced, or replaced. It is the responsibility of the Contractor to review the condition of individual elements, particularly rafters, joists, and structural deck boards, to determine which elements can be salvaged, which elements must be replaced, and which elements are questionable. The Contractor should consult with the Architect and Structural Engineer of Record to determine the appropriate procedure for handling elements in questionable condition.

3. REINFORCED CONCRETE

a. Provide reinforced concrete conforming to the following standards:
ACI 301-16, Specifications for Structural Concrete for Buildings
ACI 318-14, Building Code Requirements for Reinforced Concrete
ACI 302.1R-15, Guide for Concrete Floor and Slab Construction
ACI 360R-10, Design of Slabs-on-Ground

b. Unless noted otherwise, provide normal weight concrete with 3000 PSI compressive strength at 28 days.

c. Provide 4% to 6% entrained air by volume in concrete permanently exposed to weather.

d. Provide concrete with a maximum water-to-cementitious materials ratio of 0.50.

e. Fully document and submit for review the proposed materials and mix design for all concrete. The Contractor is responsible for obtaining the required design strength. All concrete test data must be available at the job site.

f. The use of calcium chloride, chloride ions, or other salts is not permitted.

g. Place concrete at a slump of 5" ± 1".

h. Unless noted otherwise, provide construction or contraction joints in slabs-on-grade such that the maximum area between joints does not exceed 225 square feet with the length not exceeding twice the width.

i. The location of construction joints requires the approval of the Structural Engineer of Record. Unless noted otherwise, thoroughly roughen (by mechanical means) and clean construction joints.

j. Chamfer or round all exposed corners a minimum of 3/4".

k. Detail concrete reinforcement according to ACI SP-66 detailing manual. Submit shop drawings for approval, showing all fabrication dimensions and locations for placing concrete reinforcing and accessories. Do not begin fabrication until shop drawings are completed and reviewed by the Structural Engineer of Record. Unless specifically approved otherwise, detail all concrete walls and beams in elevation.

l. Unless noted otherwise, provide reinforcing steel conforming to ASTM A 615, Grade 60.

m. Provide welded wire fabric (mesh) in flat sheets (rolls not permitted) conforming to ASTM A 185 and ASTM A 82. Lap welded wire fabric a minimum of 6" at each splice. Place welded wire fabric 1" below the top of slabs-on-grade.

n. Unless noted otherwise, provide 6x6 - W2.1xW2.1 welded wire fabric in 6" thick slabs on grade. Place welded wire fabric 1" below the top of the slab.

o. Tie all reinforcing steel and embedded items securely in place prior to placing concrete. Provide sufficient supports to maintain the position of the reinforcement within specified tolerances during all construction activities. "Sticking" dowels, anchor rods, or other embedded items into wet concrete is not permitted.

p. Provide corner bars at all corners and intersections of all footings.

q. Provide basic class "B" tension laps in all reinforcing bars indicated as continuous.

r. The placement of all reinforcing steel must be reviewed by a professional engineer registered in the state of Georgia or by a representative responsible to him (Ref: ACI 318, 1.3.1).

s. Unless noted otherwise, provide the following concrete cover on all reinforcing steel:
Concrete against earth (not formed): 3"

t. Do not place pipes or ducts with a maximum dimension exceeding one-third the slab or wall thickness within the slab or wall unless specifically shown and detailed on the structural drawings.

u. Do not weld or tack weld reinforcing steel unless approved or directed by the Structural Engineer of Record. Provide reinforcing steel conforming to ASTM A 706, Grade 60 where welding is approved or directed.

4. STRUCTURAL STEEL

a. Provide structural steel conforming to the following standards:
AISC Manual of Steel Construction, 15th Edition
AISC 314-16 Seismic Provisions for Structural Steel Buildings
AISC 360-16, Specification for Structural Steel Buildings
AISC 303-16, Code of Standard Practice for Structural Steel Buildings and Bridges
AISC 326-09, Detailing for Steel Construction, 3rd Edition

b. Unless noted otherwise, provide steel shapes made of material conforming to the following standards:

Wide flange and WT shapes:	ASTM A 992
Angles, plates, and channels:	ASTM A 36
Hollow Structural Sections (HSS):	ASTM A 500, Grade B
Steel pipe:	ASTM A 53, Type E or S, Grade B
Headed studs:	ASTM A 29
Deformed Bar Anchors (DBA):	ASTM A 496

c. Unless noted otherwise, provide anchor rods conforming to ASTM F 1554, Grade 36.

d. Unless noted otherwise, make all connections with 3/4" diameter ASTM A 325 bolts. Assemble and inspect bolted connections in accordance with AISC "Specification for Joints Using ASTM A 325 or ASTM A 490 Bolts", 2014.

e. Make all welded connections in accordance with AWS D1.1-15 "Structural Welding Code", using type E70XX electrodes. Use only certified welders. Proof of certification must be maintained at the job site.

f. Unless specifically detailed on the contract documents, provide the following beam connections:

1. Where beam reactions are shown, provide connections to develop the reaction shown.

2. Where beam reactions are not shown, provide connections to develop one-half the total uniform load capacity shown in the Maximum Total Uniform Load Tables, in Part 3 of the AISC Manual.

3. Where reactions are subject to eccentricity, the eccentricity must be accounted for.

g. Submit shop drawings prepared in accordance with AISC 326-09. Provide complete welding information using AWS symbols. Use prequalified welded joints per AISC and AWS D1.1 "Structural Welding Code." Do not begin fabrication until shop drawings are completed and reviewed by the Structural Engineer of Record.

h. Do not use gas cutting torches to correct fabrication errors in structural steel framing.

i. Provide temporary bracing for structural steel framing until all permanent bracing, moment connections, and floor/roof decks (diaphragms) are completely installed.

j. Paint structural steel in accordance with the project specifications. Do not paint steel surfaces to be encased in concrete, surfaces to receive fireproofing, connections designated as friction type, surfaces to be welded, or surfaces receiving welded studs or DBA's in the field.

k. Provide an allowance of 3% of structural/miscellaneous steel to be fabricated and placed during progress of work as may be directed by the Structural Engineer of Record in addition to all steel indicated on the contract documents. Credit any unused quantity at the end of the project.

5. STRUCTURAL LUMBER

a. Provide Structural lumber conforming to the following standards:
ANSI/AWC NDS-2018, National Design Specification, 2012 Edition

b. Unless noted otherwise, provide #2 Grade Southern Yellow Pine or equivalent for dimensional framing lumber. Unless noted otherwise, provide #3 SPF or #3 Hem-Fir or equivalent for stud lumber and other miscellaneous framing/blocking.

c. Provide American Plywood Association (APA) rated sheathing with an exposure classification of exposure 1, unless noted otherwise. Refer to the construction documents for thickness and span rating. Store structural sheathing in accordance with the manufacturer's recommendations.

d. Provide Laminated Veneer Lumber (LVL) beams with a minimum allowable bending stress (Fb) of 3100 PSI and a minimum modulus of elasticity (E) of 2000 KSI.

e. Provide Parallel Strand Lumber (PSL) beams with a minimum allowable bending stress (Fb) of 2900 PSI and a minimum modulus of elasticity (E) of 2000 KSI. Provide PSL columns with a minimum allowable compression stress parallel to grain (Fc) of 2500 PSI and a minimum modulus of elasticity (E) of 1800 KSI.

f. All wood fastenings must conform to Part 10 of the National Design Specification.

g. Fastenings not indicated on plans and details must be in accordance with the 2018 International Building Code.

h. Unless noted otherwise, toe nailing and end nailing are acceptable for bearing type connections. Provide metal connectors for all other connections.

i. Provide common wire nails unless noted otherwise on the drawings or recommended otherwise by the framing connector manufacturer.

j. Provide fasteners and metal framing hardware with a corrosion resistant metal or with a minimum G90 galvanized finish. For metal in contact with pressure treated lumber provide stainless steel or G185 galvanized finish.

k. Unless noted otherwise, provide solid horizontal blocking 6'-0" on center maximum for all load bearing stud walls.

l. Provide solid wood blocking behind all horizontal panel joints of exterior wall sheathing and interior shear wall sheathing.

m. Provide reinforcement (wood or steel side pieces) for any member cut for the installation of plumbing or wiring such that the member is of equal strength to the member prior to cutting.

n. Unless noted otherwise, fasten multiple-ply beams together with 16d nails at 12 inches on center (staggered).

o. Submit shop drawings for all manufactured wood framing. Do not begin fabrication until shop drawings are completed and reviewed by the Structural Engineer of Record.

6. PLATE CONNECTED WOOD TRUSSES

a. Provide wood trusses connected with light gage metal plates designed and fabricated in accordance with the following standards:
ANSI/TPI 1-2014, National Design Standards for Metal-plate-connected Wood Truss Construction

b. The maximum allowable duration factor for short term loading is 1.25.

c. Truss Design Loads:
Roof Trusses:

Top Chord LL	=	20	PSF
Top Chord DL	=	11	PSF
Mechanical LL	=	4	PSF
Bottom Chord DL	=	5	PSF
Total Load	=	40	PSF

Design Trusses to accommodate the loads indicated above with the following deflection criteria:

Total Load Deflection	L/240
Live Load Deflection	L/360

Design trusses for wind and seismic loads (in addition to the loads indicated above) acting in the plane of the truss (calculated per sections 1609 and 1613 of the 2018 International Building Code) and/or any axial forces specified on the drawings.

d. Handle, install, and brace plate connected wood trusses in accordance with Building Component Safety Information (BCSI) Summary Sheets B1, B2, and B3.

e. Provide 'X' or 'V' bridging at 8'-0" on center for all floor trusses and roof trusses. Provide 2x4 bridging material on roof trusses, and provide 1x4 bridging material on floor trusses.

f. Coordinate the location of roof mechanical units, access doors, and duct runs with individual truss geometry. Design trusses for the weight of mechanical units in addition to the loads indicated above.

g. The design of connections between wood trusses and the supporting structure is based on preliminary design. Connectors are shown for informational purposes only. Final sizes and spacing will be based on final reactions provided by the truss manufacturer. Unless the truss manufacturer specifies a stronger connector, provide the connector indicated in the contract documents.

h. Provide double top chords for flat trusses at wells.

i. Where truss member sizes specifically indicated on plans, sections, or details exceed the size required by analysis, provide the larger member indicated in the contract documents.

j. Submit shop drawings for each truss indicating the design loads and spacing sealed by a professional engineer registered in the state of Georgia . Provide a layout plan indicating the location of each truss and all bridging. The layout plan must conform to the layout indicated on the structural contract documents. Do not begin fabrication until shop drawings are completed and reviewed by the Structural Engineer of Record.

7. OTHER COMPONENTS

a. Provide shop drawings for construction of all applicable specialty items including but not limited to concrete pilings, curtain wall glazing systems, light gage steel framing, ornamental guardrails, guards, handrails, pre-engineered wood trusses, skylights, and signage. Shop drawings must indicate the required materials, sizes, and locations for all posts and pickets including anchorage at the base of the posts. Shop drawings must be sealed by a professional engineer registered in the state of Georgia .

b. Provide curtain wall glazing system shop drawings that clearly indicate the attachment to the structure on all sides of the exterior glazing system required to adequately resist the applicable wind design pressures.

c. The glazing Contractor must provide engineering calculations to document compliance with 2018 International Building Code, Sections 2403.2 through 2303.4 for butt joined glazing.

d. The design of special connections between steel framing components (including but not limited to braced end connections, moment-resisting connections, modified beam seat connections, and member splice connections) not designed by the Structural Engineer of Record must be performed by a professional engineer registered in the state of Georgia .

8. FOUNDATIONS

a. The design of foundations, retaining walls, and slabs-on-grade is based on the following criteria
Allowable Soil Bearing Pressure: 2000 PSF

After excavation, if the condition of the soils do not meet the recommended design criteria stated in the geotechnical report, notify the Architect and Structural Engineer of Record so that the foundations may be redesigned if necessary.

b. The Geotechnical Engineer must verify the condition and/or adequacy of all subgrades, fills, and backfills prior to the placement of foundations, footings, slabs, walls, etc.

c. All soils work, including backfill of utility trenches and the verification of bearing capacity must be under the direction of a qualified geotechnical engineer. Proximity of utility trenches to building foundation system must be as approved by the geotechnical engineer to ensure integrity of the bearing soils.

d. Coordinate top of footing elevations with the requirements of other trades (plumbing, electrical, etc.). Do not install foundation concrete until all foundation work has been coordinated with underground utilities. Notify the engineer of all conflicts between foundations and utilities.

e. All foundations, or portions thereof below grade, may be earth formed by neat excavations.

f. Do not place foundations, slabs, or other concrete on frozen subgrade or in standing water.

g. Center all foundations on walls and/or columns, unless noted otherwise.

h. Place all column footings and wall footings monolithically with adjacent footings at the same elevation.

i. All footings must bear on original undisturbed soil where possible.

j. Remove all organic soils and replace with clean structural fill at the direction of the Geotechnical Engineer. Place fill soils in 6" maximum (loose) lifts at moisture contents as described in the geotechnical report. Compact all fill within 10'-0" of the building limit to 95% Standard Proctor. Field density tests must be made as described in the geotechnical report to verify adequate compaction and design bearing pressure.

k. Sides of foundations must be formed unless conditions permit earth forming. Foundations placed against the earth require the following precautions: slope sides of excavations as approved by the Geotechnical Engineer and clean up sloughing before and during concrete placement.

l. Where footing steps are necessary, slope no steeper than one vertical to two horizontal.

m. Unless noted otherwise, place all slabs on grade on a 10 mil polyethylene vapor retarder and a crushed stone base over a properly compacted subgrade.

9. DESIGN LOADS

a. Live Loads:

Mezz	60	PSF
Roof	20	PSF

b. Dead Loads:

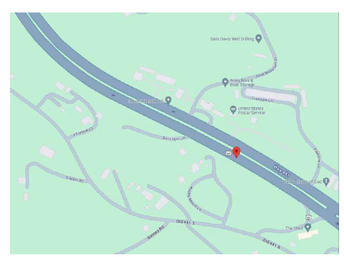
Roof	11	PSF

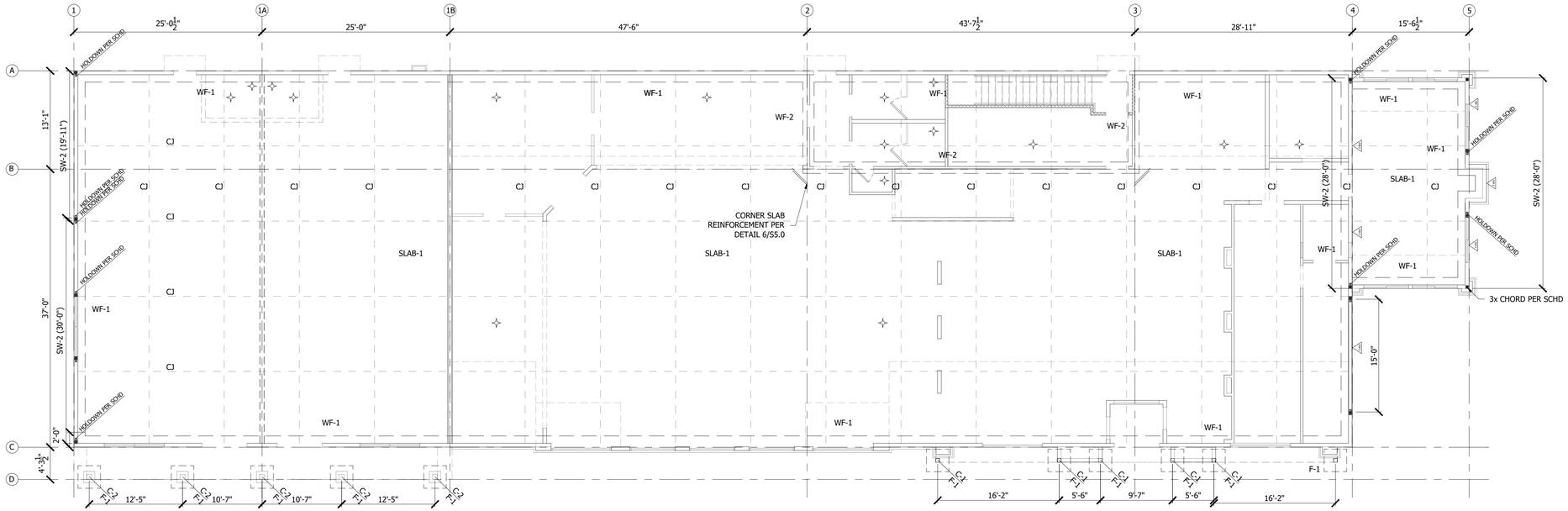
c. Wind Design Data:

4. Basic Wind Speed (3 second gust):	107 MPH
5. Risk Category:	Category II
6. Wind Exposure:	Exposure B
7. Internal pressure Coefficient:	± 0.18
8. Components and Cladding Pressures:	See Table

d. Seismic Design Data:

1. Risk Category:	Category II
2. Mapped Spectral Response Accelerations:	Ss = 0.293 S1 = 0.097
3. Site Class:	Site Class D
4. Spectral Response Coefficients:	Sds = 0.306 Sd1 = 0.156
5. Seismic Design Category:	Category C
6. Basic Seismic Force Resisting System:	Light framed wood walls with structural wood
truss (Response Modification Factor)	 (R=6.5)
7. Seismic Response Coefficient:	Cs = 0.047
8. Design Base Shear:	V = 8.1 kips
9. Analysis Procedure:	Equivalent Lateral Force Procedure


Sam Davis Well Drilling
Brian Mann & Sons Home
United States Postal Service
Lakemont
Lakemont Ct
Lakemont Dr
Lakemont Ln
Lakemont Pl
Lakemont Way
Lakemont Wy
Lakemont Cir



WALL CONSTRUCTION NOTES:

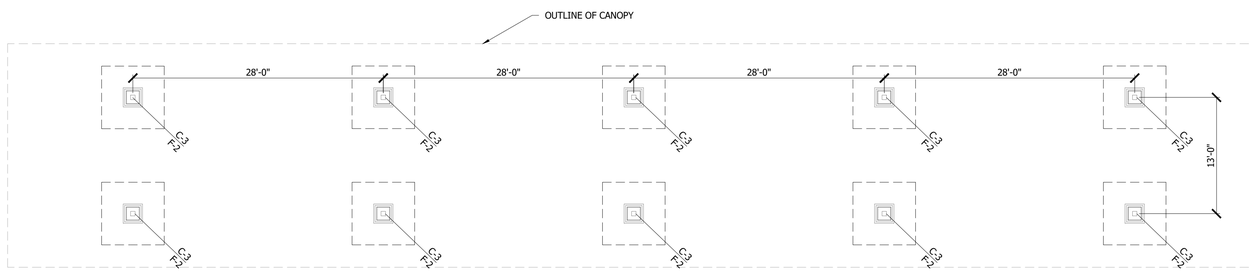
1. THE CONTRACTOR TO REVIEW WALL SCHEDULE PER ARCH DRAWINGS FOR WALL CONSTRUCTION.
2. COORDINATE ANY PENETRATIONS, OPENINGS AND ADJUSTMENT PER MECHNICAL AND ELECTRICAL DRAWINGS.
3. COORDINATE SHEAR WALL LOCATION AND FINISH PER SHEAR WALL DETAILS AND PLAN
4. ALL WALL SILL PLATE TO BE INSTALLED WITH SIMPSON 3/8"Ø ANCHOR w/3" MIN. EMBEDMENT @ 32" O.C. LOCATION.
5. WALL STUD ORIENTATION AT CORNER AND T WALL SHALL BE COORDINATED PER DETAILS PROVIDED
6. TOP PLATE AT WALL SHALL BE SECURELY INSTALLED TO TRUSSES ABOVE AT ALL LOCATION AND PER DETAILS PROVIDED.

PLAN — BLDG FOUNDATION PLAN — 1 / S2

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

NOTE TO CONTRACTOR:

PLEASE CONFIRM THE FINISH FLOOR AT CANOPY AREA. PLEASE COORDINATE PER ARCH. DRAWINGS



PLAN — CANOPY FOUNDATION PLAN — 2 / S2

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

DRAWING LEGEND	
MARK	DESCRIPTION
	WOOD STUD WALL
	ELEVATION CHANGE IN CONCRETE SLAB
	SHEAR WALL LOCATION
C.J.	CONTROL JOINTS IN CONCRETE SLAB (10'-0" O.C. MAX)
	PRE-ENGINEERED WOOD ROOF TRUSS @ 24" O.C.
	STRUCTURAL BEAM/HEADERS
	SPAN DIRECTION OF ROOD SHEATHING
	WALL HEIGHT ELEVATION CHANGE
F-#	DENOTES FOOTING TAG

DENOTES FLOOR DRAIN

DENOTES SLAB SLOPE TO FLOOR DOOR OR FLOOR SINK

SHEAR WALL LEGEND									
ID	SHEATHING	FASTENING				SILL ANCHORS	END STUD GROUP	HOLD DOWN	HOLDOWN ANCHOR
		VERTICAL EDGES	HORIZONTAL EDGES		FIELD				
			NAIL/SPACE	ROW					
MAIN WALLS	3/8" RS	6d @ 6"	10d @ 6"	SINGLE	6d @12"	1/2"Ø x6" 48" O.C.	2	-	-
SW-2	15/32" RS	10d @ 4"	10d @ 4"	SINGLE	10d @ 12"	1/2"Ø x6" 48" O.C.	3	DTT2Z2-SDS2.5	5/8"Ø x6" EMBD.

SHEAR WALL NOTES:

1. ALL SHEATHING MUST BE MINIMUM OF 1/2" RATED OSB OR CDX PLYWOOD & FASTENED PER TYPICAL SHEAR WALL DETAIL.
2. ALL WALL SHEATHING SHALL BE FULL HEIGHT SHEATHING THAT EXTENDS FROM THE BOTTOM SILL PLATE TO THE UPPER MOST STUD IN THE DBL. TOP PLATE.
3. SHEATHING MAY BE INSTALLED HORIZONTALLY OR VERTICALLY. ALL HORIZONTAL EDGES MUST BE FULLY BLOCKED w/ 2x FRAMING LAID FLAT AGAINST BACK SIDE OF SHEATHING FOR NAILING.
4. A MINIMUM GAP OF 1/8" @ SHEATHING JOINTS MUST BE MAINTAINED.
5. ALL EXTERIOR WALLS NOT LABELED AS SHEAR WALLS, ARE TO BE CONSTRUCTED WITH THE SHEATHING, ANCHORAGE, AND FASTENING REQUIREMENTS OF "SW-1" OUTLINED IN THE TABLE ABOVE.
6. HOLDOWNS MUST BE PLACED @ EACH END OF SHEAR WALLS. SEE FRAMING PLAN AND DETAILS FOR HOLDOWN TYPES, LOCATIONS & INSTALLATION SPECS.
7. ALL SILL ANCHORS SHALL BE MIN. OF 1/2" Ø w/ 3x3"x1/4" SQUARE WASHER & NUT, EDGE OF WASHER SHALL EXTEND TO WITHIN 1/2" OF THE EDGE OF THE SILL PLATE ON THE SHEATHED SIDE.
8. END STUD GROUP REFERS TO BUILT UP STUD TO BE INSTALLED AT EACH END OF SHEAR WALL FOR HOLDOWN ATTACHMENT.

FOUNDATION SCHEDULE	
MARK	DESCRIPTION
SLAB-1	6" THICK CONCRETE SLAB (3000 PSI) ON GRADE w/ 6x6 W1.4x1.4 W.W.F OVER 6 MIL. VAPOR BARRIER (MIN. 6" LAP) ON 4" COMPACTED GRAVEL OVER CLEAN COMPACTED FILL
F-1	2'x2'x18" POST FOOTING. PROVIDE (3)#4 BARS BOTTOM EACH WAY.
F-2	7'x7'x12" POST FOOTING. PROVIDE (9)#4 BARS BOTTOM EACH WAY. 1-1/8"x14x14 ANCHOR BOLT BASE PLATE (A36) w/(4)1"Ø AB F1554 GR. 36x9" EMBED.
WF-1	1'-6" WIDE x 1'-0" TURNED DOWN SLAB. PROVIDE (3)#4 BARS BOTTOM CONTINUOUS. #4 BARS @ 9" O.C. TRANSVERSE
WF-2	1'-6" WIDE x 1'-6" THICKENED WALL SLAB. PROVIDE (3)#5 BARS BOTTOM CONTINUOUS. #5 BARS @ 10" O.C. TRANSVERSE

PLAN NOTES:

1. XXF-XX INDICATES FOOTING TYPE, SEE SCHEDULE THIS SHEET.
2. STRUCTURAL SLAB TO BE POURED AND INSTALLED AFTER ALL PENETRATIONS ARE SET. PLEASE COORDINATE EXISTING FOOTING/SLAB CONDITIONS.
3. SEE ARCHITECTURAL DRAWINGS FOR SLOPES, DROPS, AND DRAIN LOCATIONS IN FLOORS, ROOFS, & SLABS.
4. VERIFY/COORDINATE SILL HEIGHTS, LOCATIONS, & DETAILS OF WALL OPENINGS WITH ARCHITECTURAL DRAWINGS
5. VERIFY/COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL DIMENSION INFORMATION.
6. GENERAL CONTRACTOR: DO NOT SCALE DRAWINGS. COORDINATE DIMENSIONS BETWEEN STRUCTURAL AND ARCHITECTURAL DRAWINGS. NOTIFY STRUCTURAL ENGINEER AND ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING THE WORK.
7. ALL EXTERIOR WALLS ARE TO BE CONSTRUCTED AS SHEAR WALL "SW-X" IF REQUIRED. CONSULT EOR FOR FURTHER INFORMATION
8. PLEASE COORDINATE ALL PLUMBING PENETRATIONS THRU SLAB NOT SHOWN AND DIMENSIONED ON THIS PLAN

POST SCHEDULE	
MARK	DESCRIPTION
C-1	6x6 POST
C-2	8x8 POST
C-3	HSS 8x8x⅜

SMILEY STRUCTURAL ENGINEERING
410 PEACHTREE PARKWAY Ste. 4245
CUMMING, GA 30041
(678) 720-8189
INFO@SSEDESIGN.COM

THIS DRAWING IS THE PROPERTY OF SMILEY STRUCTURAL ENGINEERING AND MAY NOT BE REPRODUCED OR USED WITHOUT THE WRITTEN PERMISSION OF SMILEY STRUCTURAL ENGINEERING.

ISSUED FOR CONSTRUCTION

WILEY MARKET - C STORE

6094 HWY. 441 SOUTH LAKEMONT GA. 30552

SSE PROJECT NO. 24170

ENGINEER: SAS

ISSUE DATE: 20 AUG 2024

REVISIONS

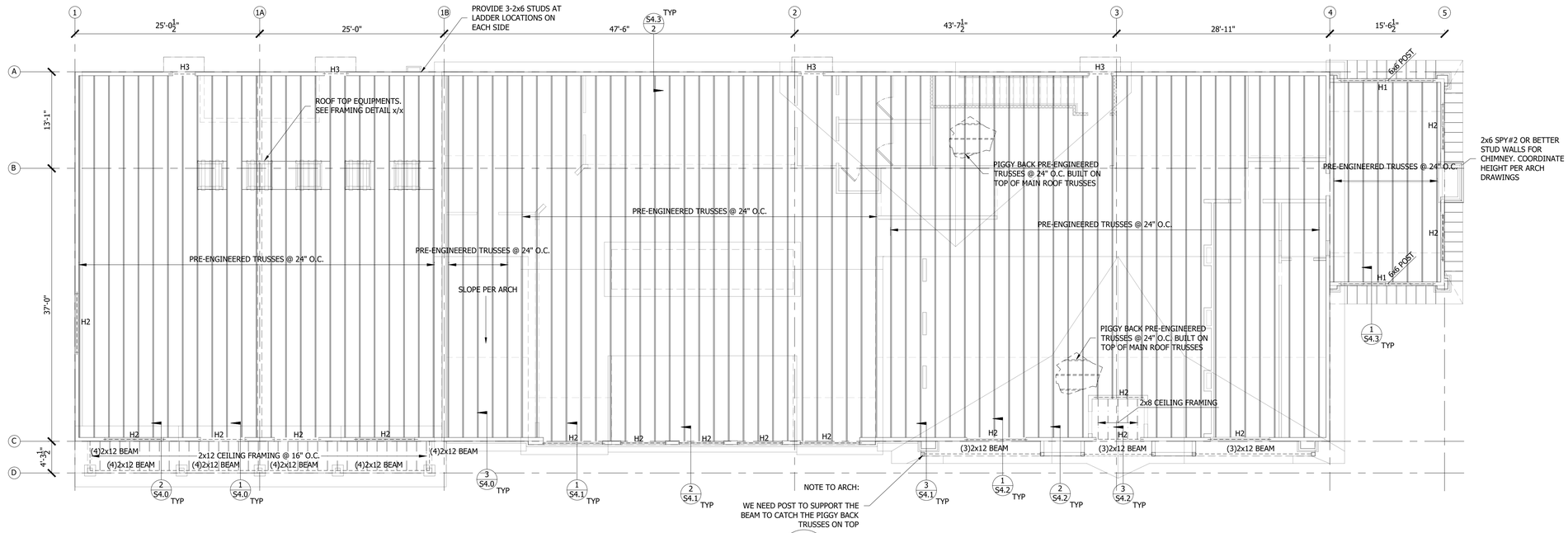
No.	DESCRIPTION	DATE

GEORGIA REGISTERED PROFESSIONAL ENGINEER PE036725 SHAYAH A.M. SMILEY

08/26/2024

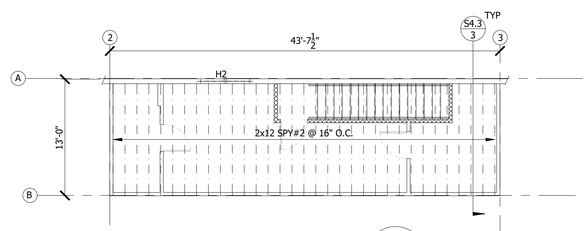
FOUNDATION PLAN

SHEET S2.0



PLAN — MAIN ROOF FRAMING PLAN — 1 / S3.0

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



PLAN — MEZZ FRAMING PLAN — 2 / S3.0

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

NOTE TO CONTRACTOR/ARCH:

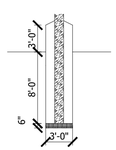
COORDINATE FINISH AT STEEL CONSTRUCTION PER ARCH DRAWINGS

ALTERNATIVE OPTION FOR CANOPY:

12x12 WESTERN CEDAR POSTS
12x18 WESTERN CEDAR BEAMS
TIMBER TRUSSES @ 8'-0" O.C. MAX
TONGUE AND GROOVE DECK B/W TRUSSES
STANDING SEAM METAL DECK TOP

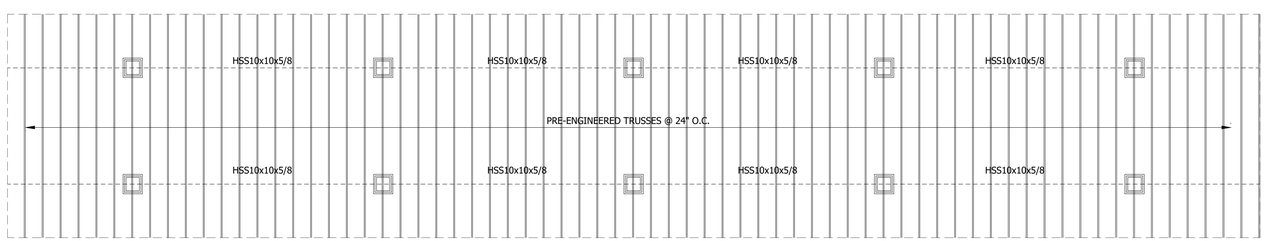
36"Ø CONCRETE PIER (36" ABOVE GRADE WITH A SLOPE AT TOP FOR WATER DRAIN)
8'-0" DEPTH.

INSTALL POST ON 6" GRAVEL BASE THEN POUR CONCRETE AROUND



PLAN — CANOPY PIER DETAIL — 4 / S3.0

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



PLAN — CANOPY FRAMING PLAN — 3 / S3.0

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

DRAWING LEGEND

MARK	DESCRIPTION
	WOOD STUD WALL
	ELEVATION CHANGE IN CONCRETE SLAB
H2	SHEAR WALL LOCATION
C.J.	CONTROL JOINTS IN CONCRETE SLAB (10'-0" O.C. MAX)
	PRE-ENGINEERED WOOD ROOF TRUSS @ 24" O.C.
	STRUCTURAL BEAM/HEADERS
	SPAN DIRECTION OF ROOF SHEATHING
	WALL HEIGHT ELEVATION CHANGE
	MEZZ FRAMING

STRUCTURAL SHEATHING FASTENER

TYPE	SHEATHING	ZONE 1		ZONE 2		ZONE 3	
		NAIL	EDGE/FIELD	NAIL	EDGE/FIELD	NAIL	EDGE/FIELD
RF-1	5/8" CDX	10d R.S.	6"/12" O.C.	10d R.S.	6"/12" O.C.	8d R.S.	6"/6" O.C.
WALLS	1/2" (MIN.) RS PLY	10d R.S.	6"/12" O.C.	10d R.S.	6"/12" O.C.	8d R.S.	6"/6" O.C.

NOTES:
1. ALL WOOD STRUCTURAL SHEATHING SHALL BE APA RATED, EXPOSURE 1.
2. STRUCTURAL WOOD PANELS NOMINAL THICKNESS & SPAN RATINGS SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS:
   1/2" - 32/16 SPAN RATING
   5/8" - 40/20 SPAN RATING
3. ALL ROOF SHEATHING SHALL BE INSTALLED WITH THE LONG DIMENSION PERPENDICULAR TO THE ROOF SUPPORTS.
4. SHEATHING/SUBSTRATES & FASTENINGS FOR EACH ROOFING TYPE SHALL BE IN ACCORDANCE w/ THE REQUIRED GOVERNING PRODUCT APPROVAL.
5. ALL NAILS SHALL BE RING SHALL NAILS U.N.O.
6. 2x BLOCKING SHALL BE USED IN ROOF ZONES 2 & 3 FOR ALL EDGE SHEATHING FASTENING.

HEADER SCHEDULE

TYPE	SIZE	JACK STUDS	KING STUDS
H1	(3) 1-3/4" X 9-1/4" LVL	(1)	(2)
H2	(3) 1-3/4" X 9-1/4" LVL	(1)	(2)
H3	(3) 2x10	-	(2)

PLAN NOTES:
1. COORDINATE SILL/HEADER HEIGHTS WITH FIELD CONDITIONS AND DETAILS OF WALL OPENINGS WITH MANUF. SPECIFICATIONS.
2. GENERAL CONTRACTOR: DO NOT SCALE DRAWINGS. COORDINATE DIMENSIONS WITH IN FIELD CONDITIONS AND OTHER TRADES. NOTIFY STRUCTURAL ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.
3. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATION AND ERECTION AND NOTIFY ENGINEER OF ANY SIGNIFICANT DISCREPANCIES FROM THAT SHOWN ON THE DRAWINGS.
4. CONTRACTOR TO SHORE ALL EXISTING FRAMING AS REQUIRED FOR DEMOLITION AND REFRAMING WORK.
5. REFER TO ARCHITECTURAL DRAWINGS FOR ALL SLOES, DROPS & OPENING LOCATIONS IN ROOF.
6. "RF-1" INDICATES OSB/PLYWOOD ROOF SHEATHING. SEE SHEATHING FASTENER TABLE BELOW FOR THICKNESS & ATTACHMENT REQUIREMENTS.
7. VERIFY ALL WEIGHTS, LOCATIONS AND FRAMING AT MECHANICAL UNITS

SMILEY STRUCTURAL ENGINEERING
410 PEACHTREE PARKWAY Ste. 4245
CUMMING, GA 30041
(678) 720-8189
INFO@SSEDESIGN.COM

THIS DRAWING IS THE PROPERTY OF SMILEY STRUCTURAL ENGINEERING AND MAY NOT BE REPRODUCED OR USED WITHOUT THE WRITTEN PERMISSION OF SMILEY STRUCTURAL ENGINEERING.

ISSUED FOR CONSTRUCTION

WILEY MARKET - C STORE

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

SSE PROJECT NO. 24170
ENGINEER: SAS
ISSUE DATE: 20 AUG 2024

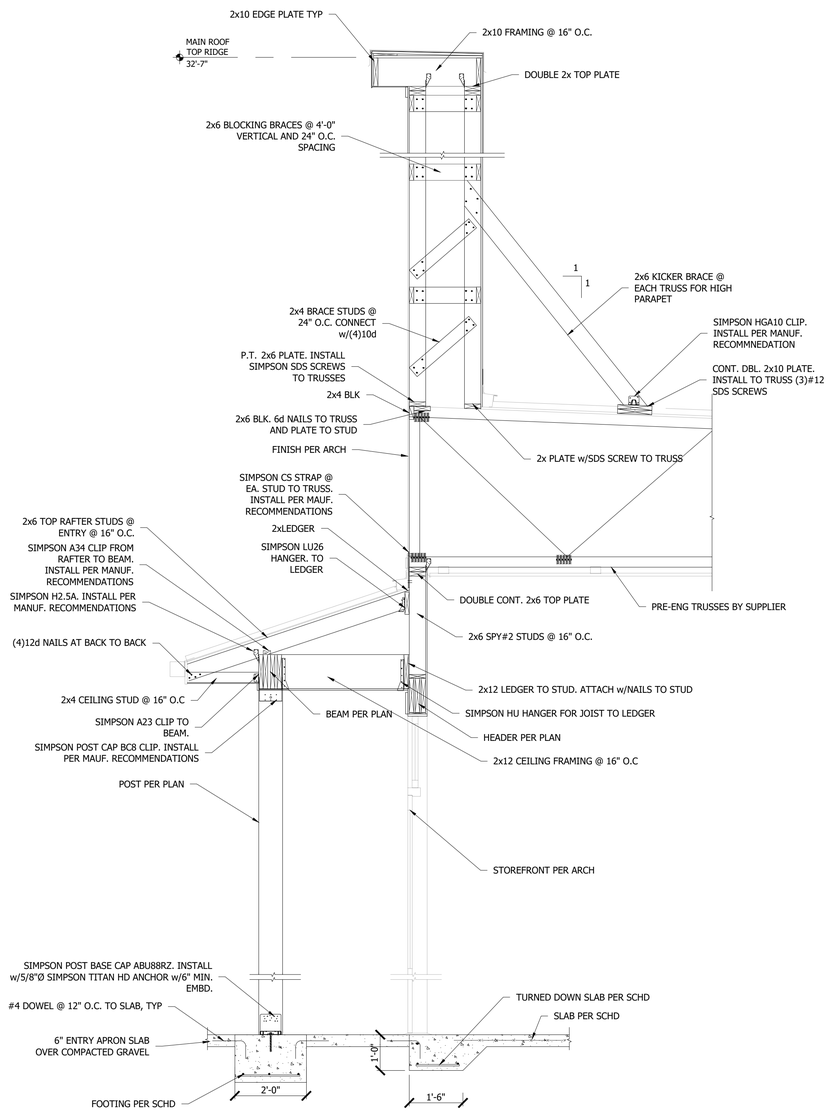
REVISIONS

No.	DESCRIPTION	DATE

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE036725 SHAYAN A.M. SMILEY
08/26/2024

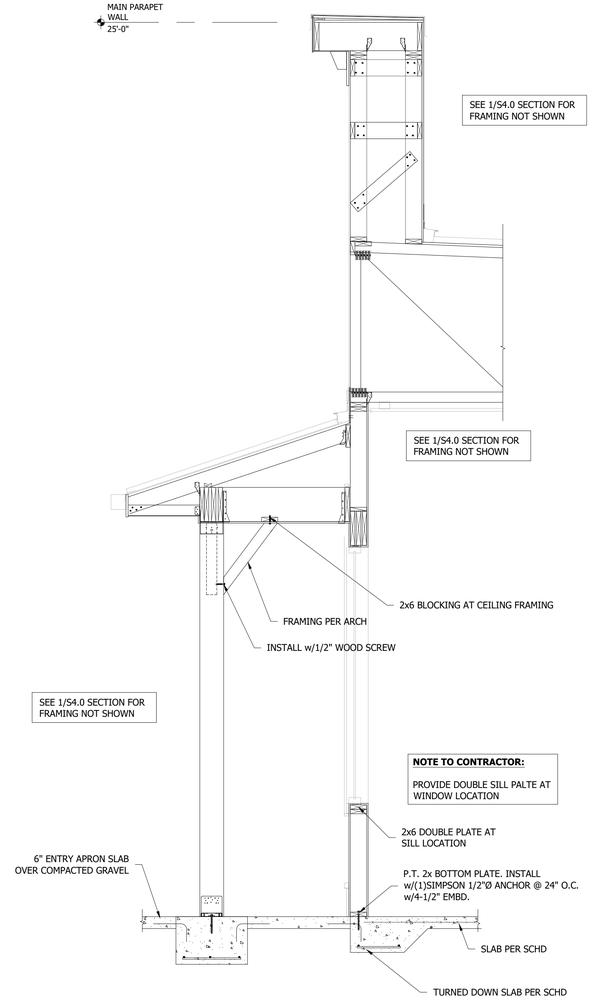
ROOF FRAMING PLAN

SHEET S3.0



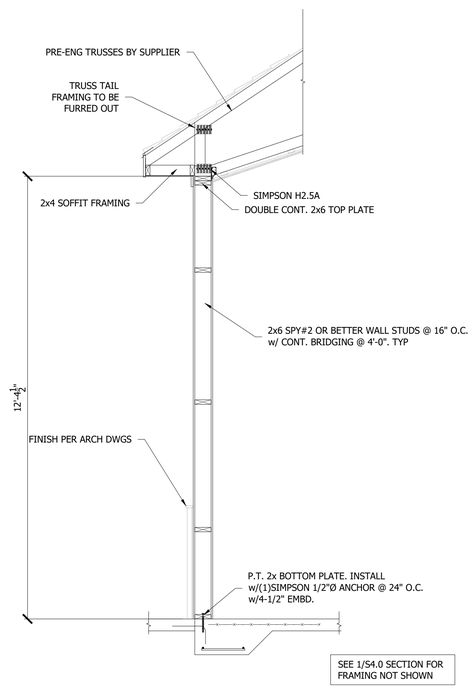
SECTION BANK- STOREFRONT PARAPET DETAILS 1 S4.0

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



SECTION TYP. PARAPET SECTION 2 S4.0

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



SECTION WALLL TI TRUSS CONNECTION 3 S4.0

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

SMILEY STRUCTURAL ENGINEERING
410 PEACHTREE PARKWAY Ste. 4245
CUMMING, GA 30041
(678) 720-8189
INFO@SSEDESIGN.COM

THIS DRAWING IS THE PROPERTY OF SMILEY STRUCTURAL ENGINEERING AND MAY NOT BE REPRODUCED OR USED WITHOUT THE WRITTEN PERMISSION OF SMILEY STRUCTURAL ENGINEERING.

ISSUED FOR CONSTRUCTION

WILEY MARKET - C STORE

6094 HWY. 441 SOUTH LAKEMONT GA. 30552

SSE PROJECT NO. 24170

ENGINEER: SAS

ISSUE DATE: 20 AUG 2024

REVISIONS

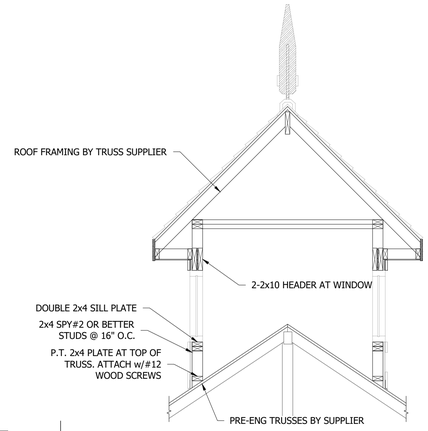
No.	DESCRIPTION	DATE

GEORGIA REGISTERED PROFESSIONAL ENGINEER PE036725 SHAYAN A.M. SMILEY

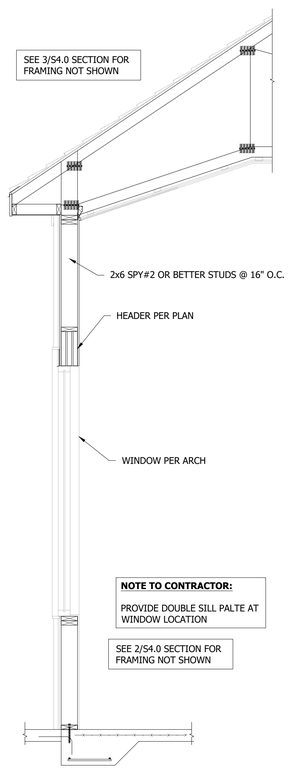
08/26/2024

WALL SECTION

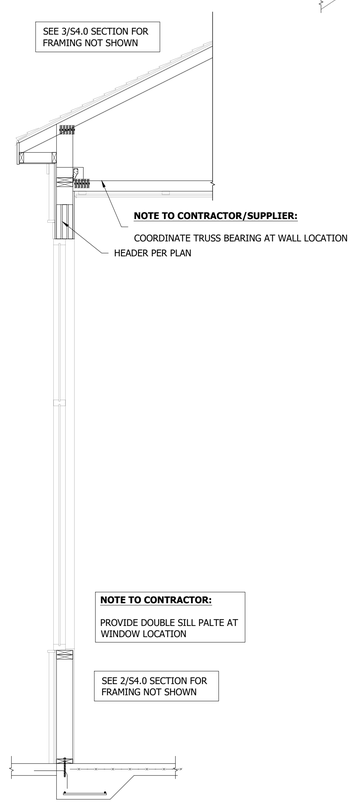
SHEET S4.0



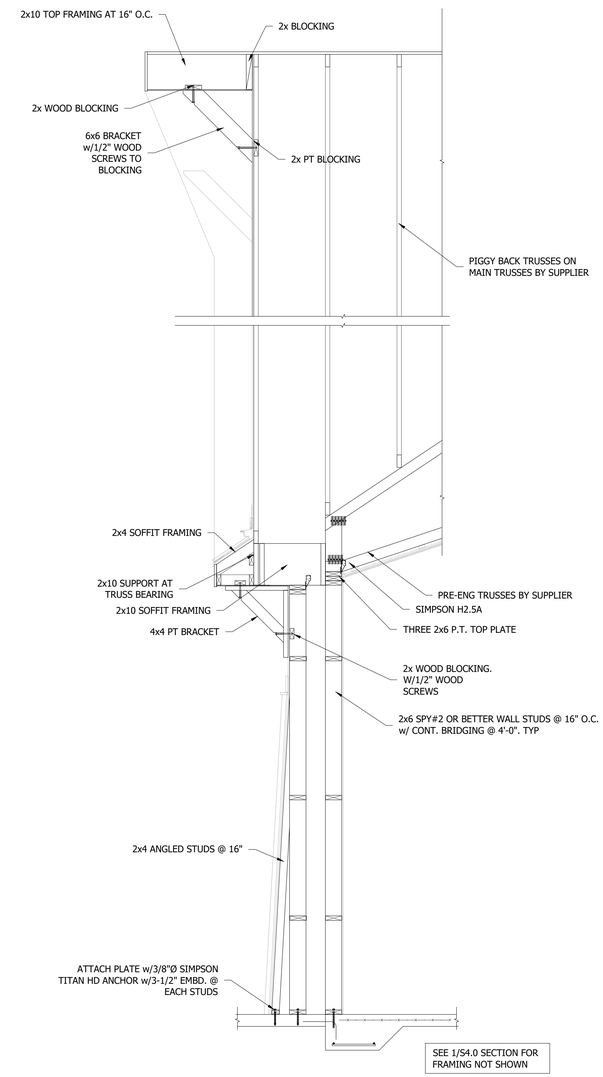
CUPOLA DETAIL



SECTION WALLL TI TRUSS CONNECTION 1 / S4.1
SCALE: 1/2" = 1'-0"



SECTION FRAMING SECTION AT CUPOLA 2 / S4.1
SCALE: 1/2" = 1'-0"



SECTION FRAMING SECTION AT CUPOLA 3 / S4.1
SCALE: 1/2" = 1'-0"

SMILEY STRUCTURAL ENGINEERING
410 PEACHTREE PARKWAY Ste. 4245
CUMMING, GA 30041
(678) 720-8189
INFO@SSEDESIGN.COM

THIS DRAWING IS THE PROPERTY OF SMILEY STRUCTURAL ENGINEERING AND MAY NOT BE REPRODUCED OR USED WITHOUT WRITTEN PERMISSION OF SMILEY STRUCTURAL ENGINEERING.

ISSUED FOR CONSTRUCTION

WILEY MARKET - C STORE

6094 HWY. 441 SOUTH LAKEMONT GA. 30552

SSE PROJECT NO.	24170
ENGINEER:	SAS
ISSUE DATE:	20 AUG 2024

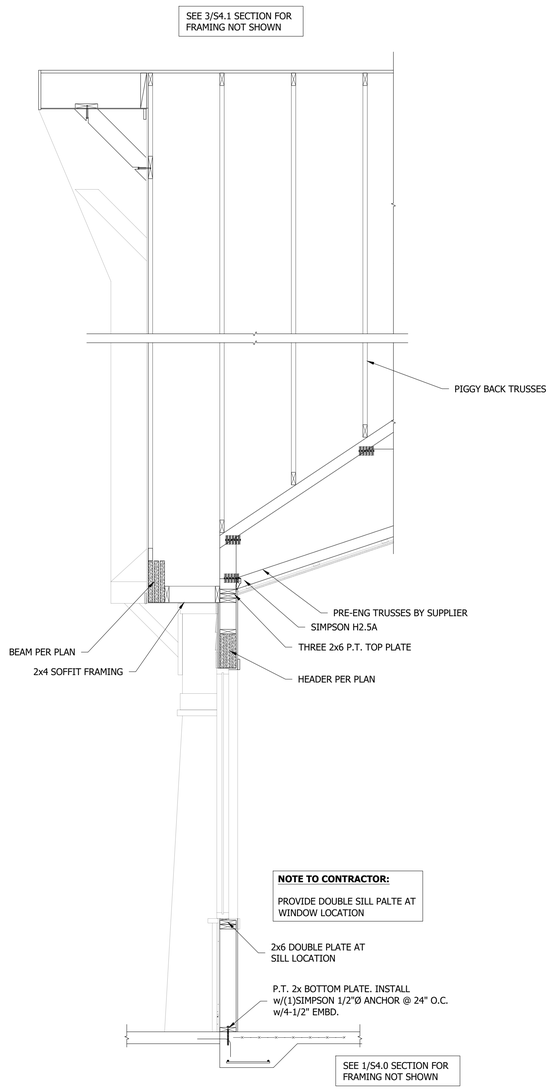
REVISIONS

No.	DESCRIPTION	DATE

GEORGIA REGISTERED PROFESSIONAL ENGINEER PE036725 SHAYAH A.M. SMILEY
08/26/2024

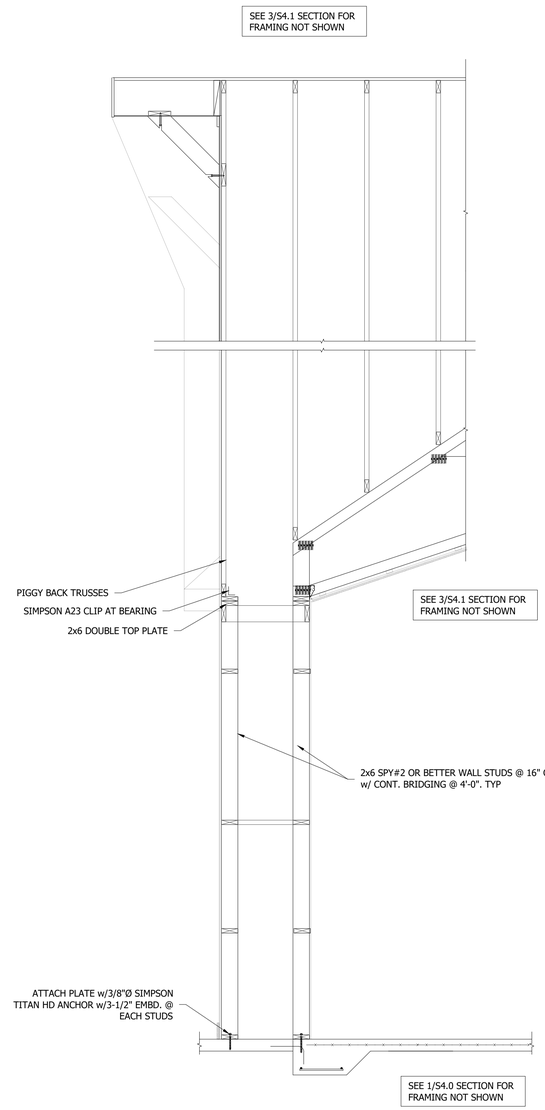
WALL SECTION

SHEET S4.1



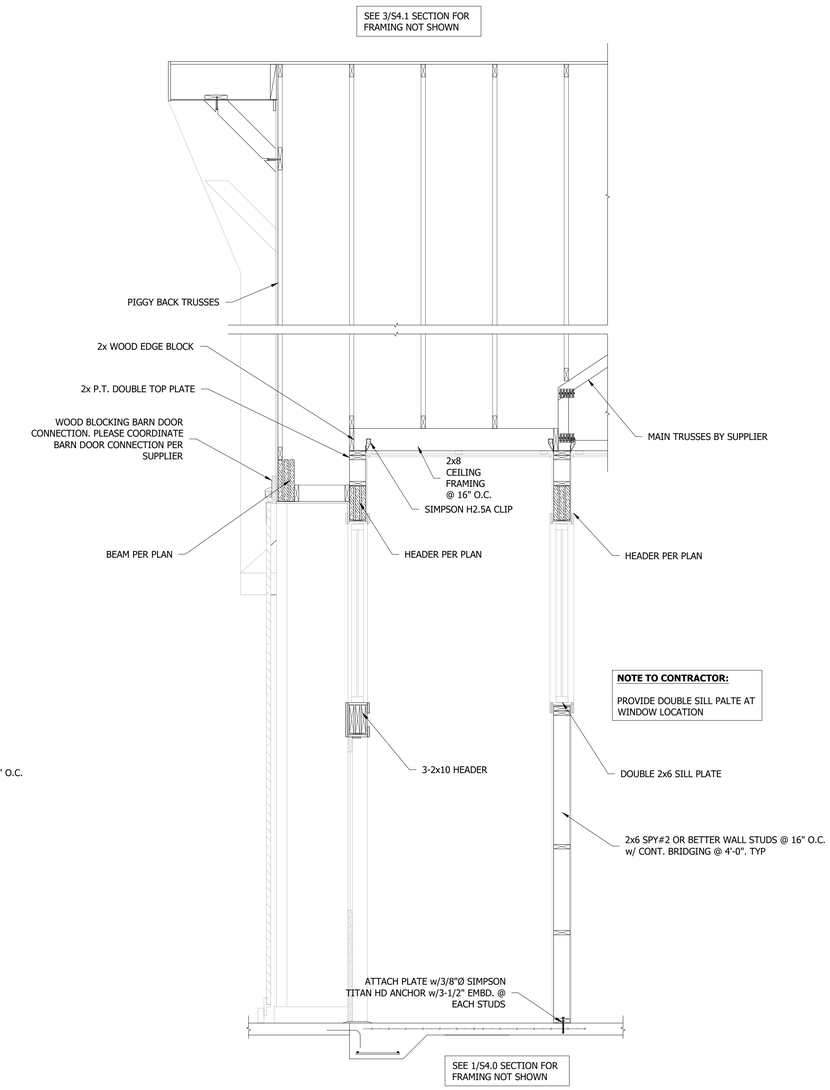
SECTION FRAMING SECTION AT PIGGY BACK 1 / S4.2

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



SECTION FURRED FRAMING 2 / S4.2

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



SECTION BARN DOOR FRAMING 3 / S4.2

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

SMILEY STRUCTURAL ENGINEERING
410 PEACHTREE PARKWAY Ste. 4245
CUMMING, GA 30041
(678) 720-8189
INFO@SSEDESIGN.COM

THIS DRAWING IS THE PROPERTY OF SMILEY STRUCTURAL ENGINEERING AND MAY NOT BE REPRODUCED OR USED WITHOUT THE WRITTEN PERMISSION OF SMILEY STRUCTURAL ENGINEERING.

ISSUED FOR CONSTRUCTION

WILEY MARKET - C STORE

6094 HWY. 441 SOUTH LAKEMONT GA. 30552

SSE PROJECT NO.	24170
ENGINEER:	SAS
ISSUE DATE:	20 AUG 2024

REVISIONS

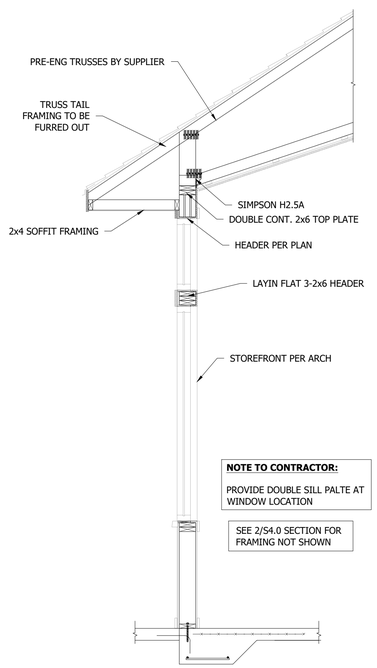
No.	DESCRIPTION	DATE

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE036725 SHAYAN A.M. SMILEY

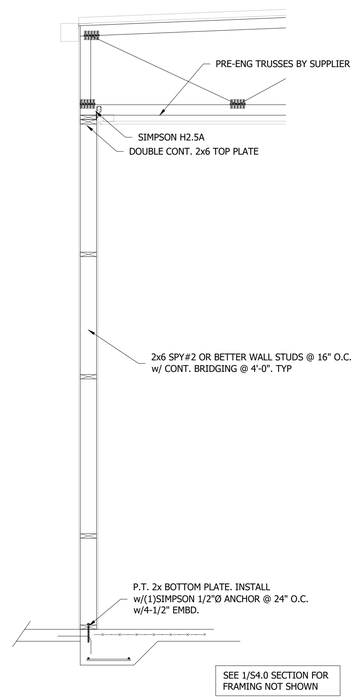
08/26/2024

WALL SECTION

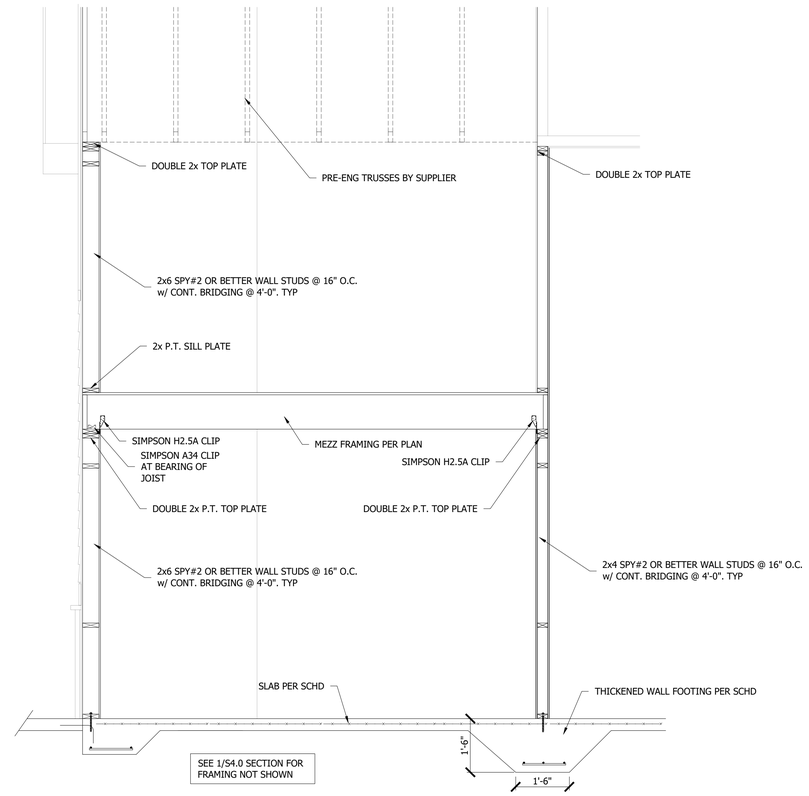
SHEET S4.2



SECTION FRAMING SECTION 1 / S4.3
SCALE: 1/2" = 1'-0"



SECTION FRAMING SECTION 2 / S4.3
SCALE: 1/2" = 1'-0"



SECTION MEZZ FRAMING 3 / S4.3
SCALE: 1/2" = 1'-0"

SMILEY STRUCTURAL ENGINEERING
410 PEACHTREE PARKWAY Ste. 4245
CUMMING, GA 30041
(678) 720-8189
INFO@SSEDESIGN.COM

THIS DRAWING IS THE PROPERTY OF SMILEY STRUCTURAL ENGINEERING AND MAY NOT BE REPRODUCED OR USED WITHOUT THE WRITTEN PERMISSION OF SMILEY STRUCTURAL ENGINEERING.

ISSUED FOR CONSTRUCTION

WILEY MARKET - C STORE

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

SSE PROJECT NO.	24170
ENGINEER:	SAS
ISSUE DATE:	20 AUG 2024

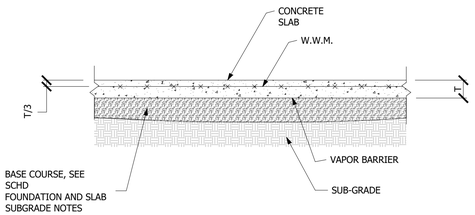
REVISIONS

No.	DESCRIPTION	DATE

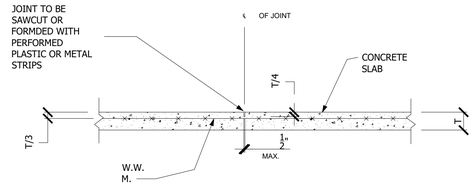
GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE036725 SHAYAN A.M. SMILEY
08/26/2024

WALL SECTION

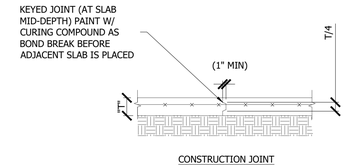
SHEET S4.3



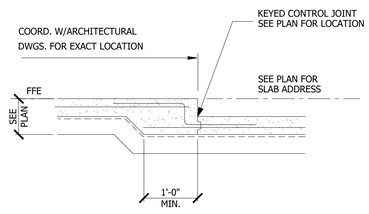
DETAIL SLAB CONSTRUCTION 1 / S5.0
SCALE: 3/4" = 1'-0"



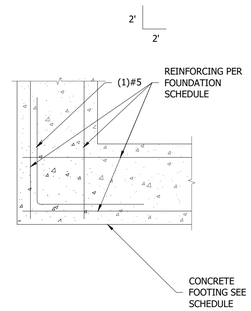
DETAIL SLAB SAWCUT JOINT 2 / S5.0
SCALE: 3/4" = 1'-0"



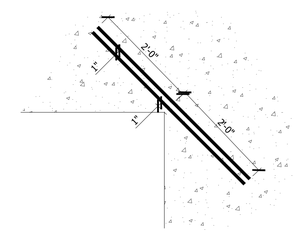
DETAIL CONSTRUCTION JOINT 3 / S5.0
SCALE: 3/4" = 1'-0"



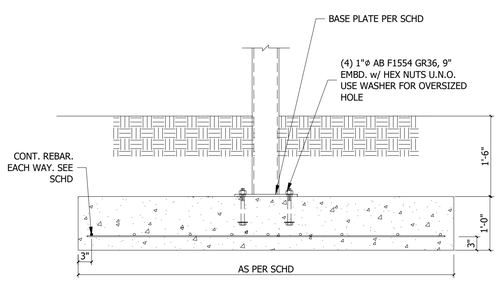
DETAIL SLAB DEPRESSION 4 / S5.0
SCALE: 3/4" = 1'-0"

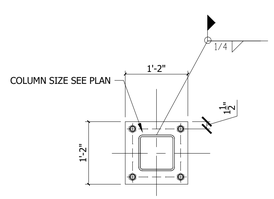


DETAIL FOOTING CORNER DETAIL 5 / S5.0
SCALE: 3/4" = 1'-0"



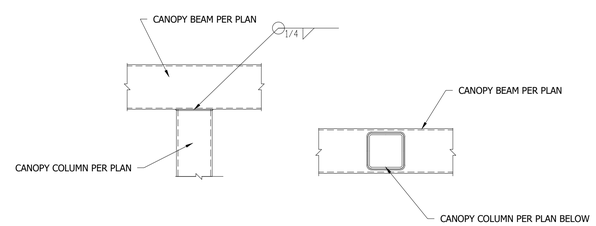
DETAIL SLAB RE-ENTRANT CORNER REINFORCING 6 / S5.0
SCALE: 3/4" = 1'-0"





BASE PLATE DETAILS

DETAIL BASE PLATE/FOOTING 7 / S5.0
SCALE: 3/4" = 1'-0"



DETAIL BEAM TO COLUMN CONNECTION CANOPY 8 / S5.0
SCALE: 3/4" = 1'-0"

SMILEY STRUCTURAL ENGINEERING
410 PEACHTREE PARKWAY Ste. 4245
CUMMING, GA 30041
(678) 720-8189
INFO@SSEDESIGN.COM

THIS DRAWING IS THE PROPERTY OF SMILEY STRUCTURAL ENGINEERING AND MAY NOT BE REPRODUCED OR USED WITHOUT THE WRITTEN PERMISSION OF SMILEY STRUCTURAL ENGINEERING.

ISSUED FOR CONSTRUCTION

WILEY MARKET - C STORE

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

SSE PROJECT NO. 24170
ENGINEER: SAS
ISSUE DATE: 20 AUG 2024

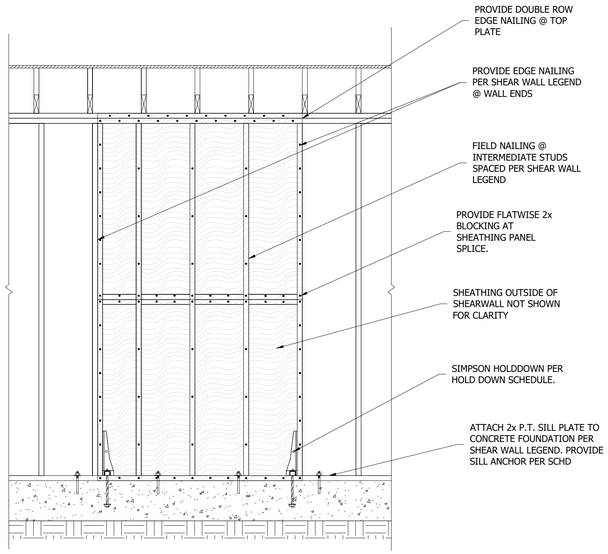
REVISIONS

No.	DESCRIPTION	DATE

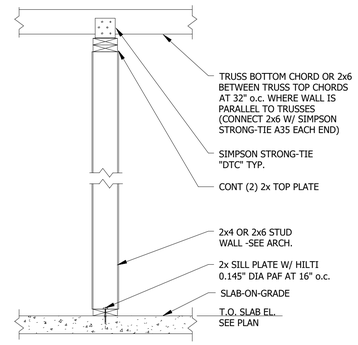
GEORGIA REGISTERED PROFESSIONAL ENGINEER PE036725 SHAYAN A.M. SMILEY
08/26/2024

TYPICAL DETAIL

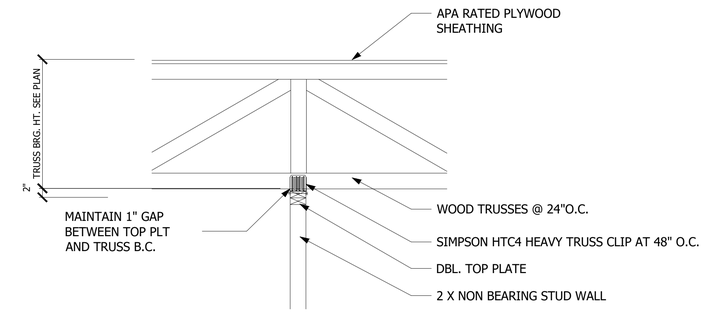
SHEET S5.0



DETAIL SHEAR WALL DETAIL 1 / S5.1
SCALE: 3/4" = 1'-0"

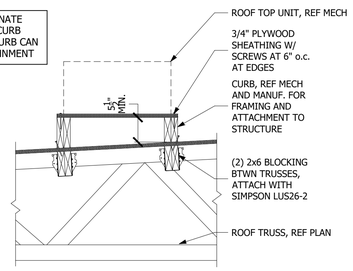


DETAIL INTERIOR PARTITION WALL 2 / S5.1
SCALE: 3/4" = 1'-0"

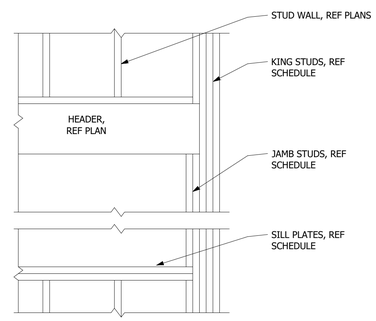


DETAIL PARTITION DETAIL 3 / S5.1
SCALE: 3/4" = 1'-0"

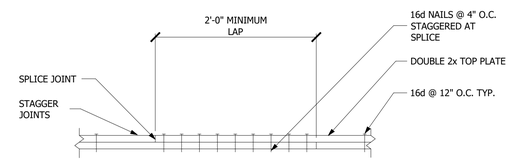
NOTE TO GC: ALTERNATE SOLUTION OF ROOF CURB SYTEM™ FOR ROOF CURB CAN BE USED FOR ATTACHNMENT



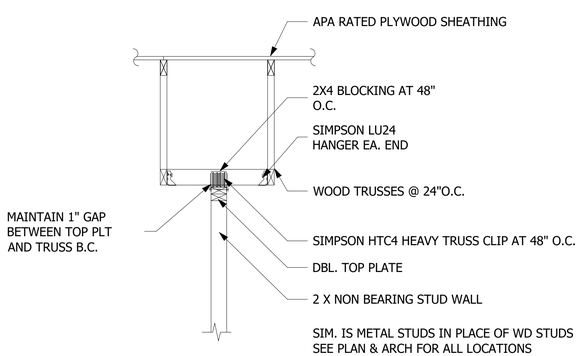
DETAIL RTU FRAMING DETAIL 4 / S5.1
SCALE: 3/4" = 1'-0"



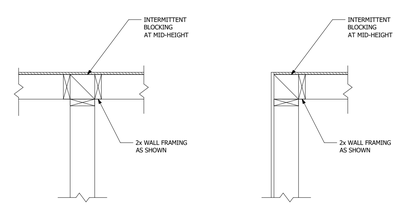
DETAIL OPENING FRAMING TYPICAL 5 / S5.1
SCALE: 3/4" = 1'-0"



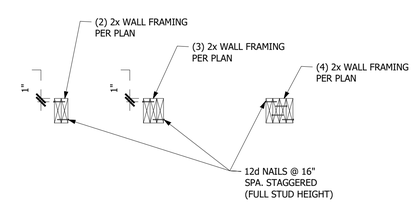
DETAIL CHORD SPLICE DETAIL 6 / S5.1
SCALE: 3/4" = 1'-0"



DETAIL FRAMING B/W TRUSSES 7 / S5.1
SCALE: 3/4" = 1'-0"



DETAIL WALL FRAMING INTERMEDIATE/CORNER 8 / S5.1
SCALE: 3/4" = 1'-0"



DETAIL NAILING REQUIREMENT 9 / S5.1
SCALE: 3/4" = 1'-0"

SMILEY STRUCTURAL ENGINEERING
410 PEACHTREE PARKWAY Ste. 4245
CUMMING, GA 30041
(678) 720-8189
INFO@SSEDESIGN.COM

THIS DRAWING IS THE PROPERTY OF SMILEY STRUCTURAL ENGINEERING AND MAY NOT BE REPRODUCED OR USED WITHOUT THE WRITTEN PERMISSION OF SMILEY STRUCTURAL ENGINEERING.

ISSUED FOR CONSTRUCTION

WILEY MARKET - C STORE

6094 HWY. 441 SOUTH
LAKEMONT GA. 30552

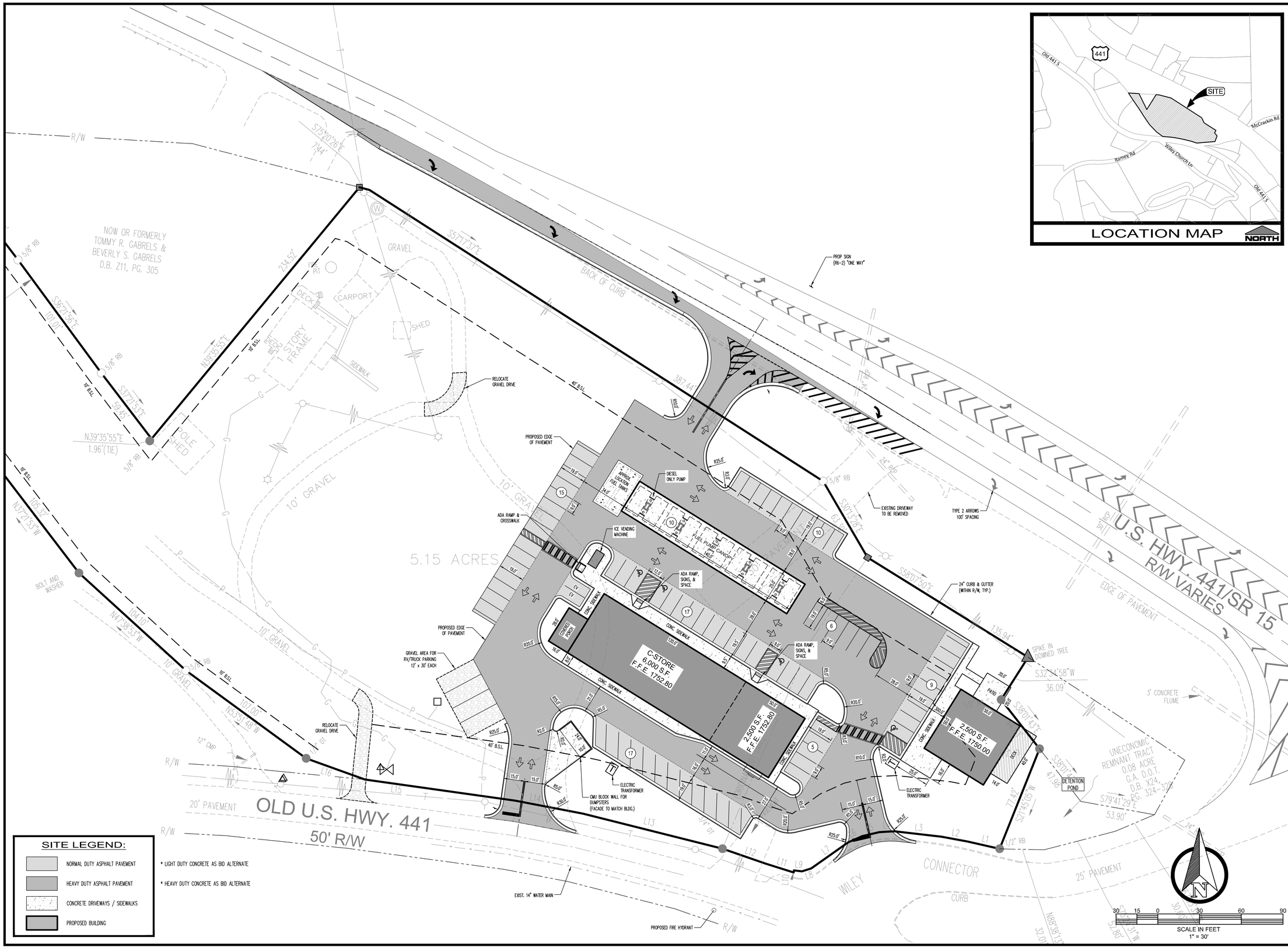
SSE PROJECT NO.	24170
ENGINEER:	SAS
ISSUE DATE:	20 AUG 2024

REVISIONS

No.	DESCRIPTION	DATE

TYPICAL DETAIL

SHEET S5.1



LEVEL II CERTIFIED DESIGN PROFESSIONAL

GSWCC
GEORGIA SOIL AND WATER CONSERVATION COMMISSION
CERTIFICATION NUMBER: 0000039604
EXPIRES: 05/21/2026

PREPARED BY

Land Solution Associates, LLC
P.O. Box 187
Tiger, GA 30576
(o) 678.725.4631
(e) landsolutionassociates@gmail.com
CONTACT: ROBERT "BO" CONE

OWNER/DEVELOPER:
WILEY MARKET, LLC
PO BOX 187
TIGER, GA, 30576
24-HR CONTACT
ROBERT "BO" CONE
678-725-4631
landsolutionassociates@gmail.com

WILEY MARKET

LAND LOT 27 - 5th DISTRICT
PARCEL ID: 045C 068
RABUN COUNTY, GEORGIA

SHEET TITLE: SITE PLAN

SIGNED / SEALED

GEORGIA REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
ROBERT A. CONE
7/3/24

No.	REVISION	DATE:
1	UPDATED PLANS PER ISWCC COMMENTS	12-07-23
2	SITE LAYOUT BASED ON ADDITION OF GDOT SURPLUS PROPERTY ADDITION	06-28-24
3	SITE PLAN MODIFICATIONS	

DESIGNED BY: RAC
SCALE: AS SHOWN
DRAWN BY: JAM
CHECKED BY: RAC
SHEET C-4
24-010
11-Jul-24