

# FAMILY DOLLAR

## FORMER FRED'S JONESVILLE, LA STORE # 805702

ABBREVIATIONS		SYMBOLS		KEY PLAN	INDEX OF DRAWINGS																																																																
ACT	ACOUSTICAL CEILING TILE	MAX	MAXIMUM	<p>KEY PLAN SCALE: NONE</p> <p>TRUE NORTH PROJECT NORTH</p> <p>NOTE: SEE GENERAL SITE ACCESSIBILITY NOTES, SHEET CS1, FOR ADDITIONAL REQUIREMENTS.</p>	<table border="1"> <thead> <tr> <th colspan="2">ARCHITECTURAL</th> </tr> </thead> <tbody> <tr><td>CS1</td><td>NOTES, LEGEND AND KEY PLAN</td></tr> <tr><td>DT</td><td>DEMOLITION PLAN</td></tr> <tr><td>A1</td><td>FLOOR PLAN AND WALL CONSTRUCTION TYPES</td></tr> <tr><td>A1.1</td><td>FIXTURE/EGRESS PLAN, DETAILS AND ELEVATIONS</td></tr> <tr><td>A1.2</td><td>ENLARGED PLAN, DETAILS AND ELEVATIONS</td></tr> <tr><td>A1.3</td><td>ENLARGED PLAN, DETAILS, SECTION AND ELEVATIONS</td></tr> <tr><td>A2</td><td>REFLECTED CEILING PLAN AND LEGEND</td></tr> <tr><td>A3</td><td>ELEVATIONS</td></tr> <tr><td>A3.1</td><td>ELEVATIONS</td></tr> <tr><td>A4</td><td>SCHEDULES, NOTES, DETAILS AND SECTIONS</td></tr> <tr><th colspan="2">STRUCTURAL</th></tr> <tr><td>S-1.0</td><td>EXISTING ROOF FRAMING PLAN WITH STRUCTURAL MODIFICATIONS</td></tr> <tr><th colspan="2">MECHANICAL / PLUMBING</th></tr> <tr><td>MP-1</td><td>HVAC &amp; PLUMBING PLAN / ISOMETRICS &amp; KEYED NOTES</td></tr> <tr><td>MP-2</td><td>SCHEDULES &amp; DETAILS</td></tr> <tr><td>MP-3</td><td>SPECIFICATIONS</td></tr> <tr><th colspan="2">ELECTRICAL</th></tr> <tr><td>E-1</td><td>POWER PLAN</td></tr> <tr><td>E-2</td><td>LIGHTING PLAN</td></tr> <tr><td>E-3</td><td>SCHEDULES, NOTES &amp; DETAILS</td></tr> <tr><td>E-4</td><td>NOTES &amp; RISER DIAGRAM</td></tr> <tr><th colspan="2">FIRE PROTECTION</th></tr> <tr><td>FPD1</td><td>FIRE SPRINKLER DEMOLITION PLAN</td></tr> <tr><td>FP1</td><td>FIRE SPRINKLER PLAN - NEW WORK</td></tr> <tr><td>FP2</td><td>FIRE SPRINKLER SPECIFICATION, NOTES AND DETAILS</td></tr> <tr><th colspan="2">FOR REFERENCE ONLY</th></tr> <tr><td>DS1</td><td>TEACHPLANETS DETAILS AND SPECIFICATIONS</td></tr> <tr><td>EM-1</td><td>ENERGY MANAGEMENT PLAN</td></tr> <tr><td>EM-2</td><td>ENERGY MANAGEMENT PLAN</td></tr> <tr><td>EM-3</td><td>ENERGY MANAGEMENT PLAN</td></tr> <tr><td>EM-4</td><td>ENERGY MANAGEMENT PLAN</td></tr> </tbody> </table>	ARCHITECTURAL		CS1	NOTES, LEGEND AND KEY PLAN	DT	DEMOLITION PLAN	A1	FLOOR PLAN AND WALL CONSTRUCTION TYPES	A1.1	FIXTURE/EGRESS PLAN, DETAILS AND ELEVATIONS	A1.2	ENLARGED PLAN, DETAILS AND ELEVATIONS	A1.3	ENLARGED PLAN, DETAILS, SECTION AND ELEVATIONS	A2	REFLECTED CEILING PLAN AND LEGEND	A3	ELEVATIONS	A3.1	ELEVATIONS	A4	SCHEDULES, NOTES, DETAILS AND SECTIONS	STRUCTURAL		S-1.0	EXISTING ROOF FRAMING PLAN WITH STRUCTURAL MODIFICATIONS	MECHANICAL / PLUMBING		MP-1	HVAC & PLUMBING PLAN / ISOMETRICS & KEYED NOTES	MP-2	SCHEDULES & DETAILS	MP-3	SPECIFICATIONS	ELECTRICAL		E-1	POWER PLAN	E-2	LIGHTING PLAN	E-3	SCHEDULES, NOTES & DETAILS	E-4	NOTES & RISER DIAGRAM	FIRE PROTECTION		FPD1	FIRE SPRINKLER DEMOLITION PLAN	FP1	FIRE SPRINKLER PLAN - NEW WORK	FP2	FIRE SPRINKLER SPECIFICATION, NOTES AND DETAILS	FOR REFERENCE ONLY		DS1	TEACHPLANETS DETAILS AND SPECIFICATIONS	EM-1	ENERGY MANAGEMENT PLAN	EM-2	ENERGY MANAGEMENT PLAN	EM-3	ENERGY MANAGEMENT PLAN	EM-4	ENERGY MANAGEMENT PLAN
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ADA	AMERICAN DISABILITIES ACT	MFG, MANUF	MANUFACTURE, MANUFACTURER																																																																		
AFF	ASOVE FINISHED FLOOR	MIN	MINIMUM, MINUTE																																																																		
ARCH	ARCHITECT, ARCHITECTURAL	MTD	MOUNTED																																																																		
APPROX	APPROXIMATE	MTL	METAL																																																																		
BD	BOARD	NMC	NOT IN CONTRACT																																																																		
BLDG	BUILDING	OC	ON CENTER																																																																		
CEM	CEMENT PLASTER FINISH	OPP	OPPOSITE																																																																		
CLG	CEILING	PEJ	PREFORMED EXPANSION JOINT																																																																		
CLR	CLEAR	PLAM	PLASTIC LAMINATE																																																																		
CMU	CONCRETE MASONRY UNIT	PLYWD	PLYWOOD																																																																		
COL	COLUMN	PR	PAIR																																																																		
DF	DRINKING FOUNTAIN	PSI	POUNDS PER SQUARE INCH																																																																		
DWG	DRAWING	PTD	PAINTED																																																																		
EA	EACH	RELO	RELOCATE																																																																		
EIFS	EXTERIOR INSULATION FINISH SYSTEM	REQD	REQUIRED																																																																		
ELEV	ELEVATION	SC	SOLID CORE																																																																		
EQ	EQUAL	SF	SQUARE FEET																																																																		
EXIST	EXISTING	SHIT	SHEET																																																																		
EXTING	EXTINGUISHER	SM	SIMILAR																																																																		
FE	FIRE EXTINGUISHER	STRUCT	STRUCTURAL																																																																		
FR	FIRE RATING	T	THICK, THICKNESS																																																																		
FRP	FIBERGLAS REINFORCED PANEL	TG	TEMPERED GLASS																																																																		
FIN	FINISH, FINISHED	THRESH	THRESHOLD																																																																		
FT	FOOT, FEET	TYP	TYPICAL																																																																		
FTG	FOOTING	UL	UNDERWRITERS LABORATORIES																																																																		
FV	FIELD VERIFY	UN	UNLESS OTHERWISE NOTED																																																																		
GA	GAGE	VCT	VINYL COMPOSITION TILE																																																																		
GWB	GYPSUM WALL BOARD	VTR	VENT THROUGH ROOF																																																																		
H	HIGH	W	WIDE, WIDTH																																																																		
HDW	HARDWARE	WD	WOOD																																																																		
HM	HOLLOW METAL	WWF	WELDED WIRE FABRIC																																																																		
HGT	HEIGHT	&	AND																																																																		
HCL	HOLLOW	L	ANGLE																																																																		
HORIZ	HORIZONTALLY	@	AT																																																																		
HR	HOUR	CL	CENTER LINE																																																																		
HVAC	HEATING, VENTILATION AND AIR CONDITIONING	D, DIA	DIAMETER																																																																		
JT	JOINT	#	NUMBER																																																																		
L	LENGTH, LONG	±	PLUS OR MINUS																																																																		
LAM	LAMINATE																																																																				
LVT	LUXURY VINYL TILE																																																																				
1	ELEVATION MARKER	◆	ELEVATION DATUM																																																																		
1	ENLARGED DETAIL INDICATOR	—	BREAK LINE																																																																		
1	WALL SECTION MARKER	—	EXISTING DOOR																																																																		
x	INTERIOR ELEVATION MARKER	—	NEW DOOR																																																																		
x	DEMOLITION NOTE	—	GYPSUM WALL BOARD																																																																		
▽	WALL CONSTRUCTION TYPE	—	WOOD TRIM																																																																		
△	REVISION MARKER	—	NEW WALL CONSTRUCTION																																																																		
XXX	DOOR NUMBER	—	CMU																																																																		
		—	CONCRETE																																																																		

GENERAL NOTES		NEW WORK NOTES		GENERAL SITE ACCESSIBILITY NOTES		BUILDING CODE SUMMARY		PROJECT DIRECTORY			
1.	CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS. CONSTRUCTION SHALL ALSO COMPLY WITH LANDLORD'S CRITERIA (UNLESS PRECLUDED BY CODE).	1.	PROVIDE TENANT IDENTIFICATION SIGN AT REAR DOOR PER LANDLORD'S CRITERIA.	13.	CONTRACTOR SHALL INSTALL TENANT SUPPLIED INTERIOR GRAPHICS AND SIGNS TO INCLUDE BUT NOT LIMITED TO PERIMETER WALL GRAPHICS/SIGNAGE, HANGING GRAPHICS/SIGNAGE AND STOREFRONT WINDOW DECALS. CONTACT THE CONSTRUCTION PM FOR GRAPHICS/SIGNAGE DRAWINGS.	APPLICABLE BUILDING CODE:	INTERNATIONAL BUILDING CODE 2015 EDITION WITH LOUISIANA AMENDMENTS	ARCHITECT	RRMM ARCHITECTS, PC 1317 EXECUTIVE BLVD, SUITE 200 CHESAPEAKE, VIRGINIA 23320 PHONE (757) 622-2828 FAX (757) 622-8883 BRITTANY SMITH, PM		
2.	ALL WOOD FRAMEWORK, WOOD BLOCKING AND PLYWOOD SHALL BE FIRE RETARDANT TREATED PER CODE.	2.	(5) 2A-10BC RATED FIRE EXTINGUISHERS TO BE TENANT SUPPLIED. SIMILAR TO J.I. INDUSTRIES MODEL COSMIC SE. LOCATE EXTINGUISHERS AS SHOWN. PROVIDE WALL BRACKETS AND MOUNT CONTROLS AT 48" AFF MAX. PROVIDE "FIRE EXTINGUISHER" SIGNS ON WALL DIRECTLY ABOVE EACH UNIT. CONTRACTOR SHALL HAVE EXTINGUISHERS INSPECTED AND TAGGED.	14.	CONTRACTOR SHALL SEAL ALL EXTERIOR PENETRATIONS INCLUDING CRACKS, HOLES, GAPS, AND EXISTING PENETRATIONS. CONTRACTOR SHALL SELECT MATERIAL APPROPRIATE FOR CONDITION TO PROVIDE PERMANENT RODENT-PROOF INFILL (INSULATION SPRAY FOAM IS NOT AN ACCEPTABLE FINISHED MATERIAL.)	APPLICABLE PLUMBING CODE:	INTERNATIONAL PLUMBING CODE 2015 EDITION WITH LOUISIANA AMENDMENTS	USE GROUP:	M - MERCANTILE	STRUCTURAL ENGINEER	CLARK, GEER, LATHAM & ASSOCIATES, INC 3901 SPRINGHILL AVENUE MOBILE, ALABAMA 36608 PHONE (251) 344-7073 FAX (251) 343-9179 THOMAS LATHAM
3.	ALL FINISH MATERIALS SHALL MEET FLAME SPREAD AND SMOKE DEVELOPMENT RATING CLASS C (OR CLASS 3).	3.	THE CONTRACTOR SHALL VERIFY THAT TOILET ROOM(S), INCLUDING FIXTURES AND ACCESSORIES (BOTH EXISTING AND NEW) MEET ALL APPLICABLE LOCAL, STATE AND FEDERAL ACCESSIBILITY CODES AND LAWS.	15.	CONTRACTOR SHALL POST ON BULLETIN BOARD IN OFFICE FINAL INSPECTIONS & CERTIFICATE OF OCCUPANCY.	CONSTRUCTION TYPE:	IB	NUMBER OF STORIES:	ONE	TENANT	FAMILY DOLLAR STORES, INC. 500 VOLVO PARKWAY CHESAPEAKE, VA 23320 PHONE (412) 335-7406 FAX (757) 622-5300 JAMES RODAK
4.	WALL CONSTRUCTION BY THE TENANT'S CONTRACTOR IS SHOWN HATCHED.	4.	PROVIDE EXTERIOR LIGHT ABOVE REAR DOOR, AS APPROVED BY LANDLORD. IF ONE DOES NOT EXIST WITHIN 10 FEET OF REAR DOOR.	16.	ALL PLAQUE SIGNAGE SHALL BE ATTACHED TO MOUNTING SURFACE WITH CONSTRUCTION ADHESIVE.	DECK HEIGHT:	18"-3"	SIGN CONTRACTOR	ALLEN INDUSTRIES 6434 BURNT POPLAR RD GREENSBORO, NC 27409 PHONE (888) 294-2007 EXT. 3117 BRYAN DANIEL	LANDLORD	ODOM SHOPPING CENTER, LLC 146 POOLE RD JONESVILLE, LA 71343 PHONE (318) 403-0771 GARY ODOM
5.	THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO BID TO DETERMINE THE EXTENT OF WORK. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND THE TENANT OF ANY DISCREPANCIES PRIOR TO BIDDING.	5.	PAINT ALL EXPOSED SURFACE MOUNTED CONDUIT TO MATCH ADJACENT WALL COLOR (IE WHITE OR YELLOW).	17.	AT ROOF, FLASH NEW MECHANICAL EQUIPMENT CURBS IN ACCORDANCE WITH ROOFING MANUFACTURER'S RECOMMENDATIONS. REFER TO MECHANICAL AND STRUCTURAL DRAWINGS FOR MORE INFORMATION. GENERAL CONTRACTOR SHALL COORDINATE WITH CONSTRUCTION PM PRIOR TO STARTING WORK AT ROOF SO AS NOT TO VOID LANDLORD ROOF WARRANTY.	SPRINKLERED:	YES	PLUMB, MECH, ELEC ENGINEER	OLG ENGINEERING 301 INDUSTRIAL BLVD TULLAHOMA, TENNESSEE 37388 PHONE (931) 454-9940 FAX (931) 454-2338 TOM LITTLE, PM		
6.	ALL MATERIALS INDICATED ARE NEW, UNLESS SPECIFICALLY NOTED AS EXISTING, AND SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. ITEMS INDICATED AS TENANT SUPPLIED SHALL BE INSTALLED BY THE CONTRACTOR PER TENANT'S REQUIREMENTS AND/OR MANUFACTURER'S PUBLISHED STANDARDS.	6.	CONTRACTOR SHALL CAULK AROUND TOP AND BOTTOM EDGES OF COLUMN SURROUNDS TO AVOID INJURY.			TOTAL LEASE AREA:	12,388 SF	LANDING	PLUMB, MECH, ELEC ENGINEER		
7.	ALL EXISTING MATERIALS TO REMAIN WHICH ARE DAMAGED OR OTHERWISE DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE PATCHED OR REPAIRED TO MATCH THE EXISTING ADJACENT MATERIALS, SO THAT THE REPAIR IS IMPERCEPTIBLE.	7.	REPAIR AND CLEAN ALL EXISTING MATERIALS (IE STOREFRONT FRAMING AND GLAZING, WALLS, CEILING, ETC) TO REMAIN TO A LIKE NEW CONDITION.			OCCUPANCY LOAD:	SALES SALES 9482 / 60 = 159 PRE-SALES 2906 / 300 = 10 TOTAL = 169				
8.	DURING THE COURSE OF CONSTRUCTION, IF THE CONTRACTOR UNCOVERS ANY CODE VIOLATION KNOWN TO HIM OR ANY DISCREPANCY WITH THE DESIGN, CONTRACTOR SHALL NOTIFY THE ARCHITECT OF SUCH IMMEDIATELY.	8.	NOTIFY FAMILY DOLLAR CONSTRUCTION PM AS TO THE CONDITION OF EXPOSED CONCRETE BLOCK WALL TO REMAIN ON THE SALES FLOOR. FAMILY DOLLAR WILL MAKE THE DETERMINATION AS TO WHETHER THE WALL'S CONDITION IS SUITABLE FOR PAINTING OR NEEDS TO BE FURRED OUT WITH METAL STUDS AND GWB.			PROJECT ADDRESS:	FORMER FRED'S 1106 1ST ST JONESVILLE, LA 71343				
9.	CONTRACTOR SHALL ASSEMBLE AND INSTALL MATERIALS/ PRODUCTS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND INDUSTRIAL ASSOCIATION STANDARDS.	9.	CONTRACTOR SHALL INSTALL TENANT SUPPLIED FIXTURES TO INCLUDE BUT NOT LIMITED TO CART CORRAL, PERIMETER WALL GONDOLA, FLOOR GONDOLA, BALL COURT CENTER, HANGING BALL COURT SPARKS, HELIUM TANK CABINET (SALES FLOOR), AND MOBILE FIXTURES PER TENANT'S FIXTURE PLAN.			BUILDING DEPT PHONE NO:	(318) 339-8596				
10.	FIELD VERIFY AND/OR REPORT ASBESTOS-CONTAINING MATERIAL TO ARCHITECT AND TENANT UPON DISCOVERY.	10.	DOORS AND FRAMES (OTHER THAN THOSE LISTED AS EXIST) ARE TENANT SUPPLIED FOR CONTRACTOR INSTALLATION. STOREFRONT DOORS (WHEN NOTED) SHALL BE SUPPLIED AND INSTALLED BY CONTRACTOR AS REQUIRED. AUTOMATIC DOORS (WHEN NOTED) WILL BE SUPPLIED AND INSTALLED BY TENANT'S VENDOR. CONTRACTOR IS RESPONSIBLE FOR ELECTRICAL CONNECTIONS.			FIRE MONITORING REQUIRED:	YES				
11.	ALL INTERIOR CONCRETE SHALL BE PORTLAND CEMENT BASED TO INCLUDE PATCHING, FLOATING/LEVELING OF FLOORS AND INFILLING.	11.	CONTRACTOR SHALL REMOVE ANY EXISTING SIGNAGE THAT HAS PREVIOUS TENANT'S NAME (INTERIOR AND/OR EXTERIOR.) ANY SIGNAGE THAT IS REQUIRED SHALL BE REPLACED IN LIKE KIND WITH DOLLAR TREE'S NAME.								
12.	ANY DETAIL WHICH MAY BE INCOMPLETE OR LACKING IN THE PLANS OR SPECIFICATIONS SHALL NOT CONSTITUTE CLAIM FOR EXTRA COMPENSATION, SUCH DETAIL, IF REQUESTED BY THE CONTRACTOR, SHALL BE SUPPLIED BY THE ENGINEER/ARCHITECT AND SUBMITTED TO THE CONTRACTOR IN ADVANCE OF ITS REQUIREMENT ON THE JOB. THE TRUE INTENT OF THE PLANS AND SPECIFICATIONS IS TO PRODUCE A COMPLETE WORKING FACILITY AND INCOMPLETE DETAIL WILL NOT ABROGATE THIS INTENT.	12.	CONTRACTOR SHALL VERIFY IF THERE IS AN EXISTING ACCESS PANEL TO TENANT'S SIGNAGE. IF ACCESS PANEL DOES NOT EXIST, INSTALL 2'-0" X 2'-0" ACCESS PANEL EITHER INSIDE AT DOLLAR TREE'S SPACE ABOVE THE CEILING (VERIFY FIRE RATINGS AND CODE REQUIREMENTS) OR IN THE EXTERIOR SOFFIT TO MATCH CANOPY CONSTRUCTION AS ALLOWED BY LANDLORD. CONFIRM WITH SIGN VENDOR FOR LOCATION PRIOR TO INSTALLING.								
13.	THE CONTRACTOR SHALL PROVIDE ALL SHOP DRAWINGS (WITH THEIR STAMP OF APPROVAL) AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION FOR APPROVAL BY THE ARCHITECT/ENGINEER OF RECORD.										

STORE # \_\_\_\_\_  
TURN OVER DATE \_\_\_\_\_  
OPEN DATE \_\_\_\_\_  
CONTRACTOR \_\_\_\_\_  
SYN TYN ASHS SHELL MALL / RELOCATION EXPANSION

date project designed drawn checked  
02/07/2022 271144 BS BS OAC

RRMM ARCHITECTS, PC  
1317 Executive Blvd, Suite 200  
Chesapeake, Va, 23320  
(757) 622-2828 / fax (757) 622-8883

FAMILY DOLLAR  
FAMILY DOLLAR STORE, FDS# 805702  
JONESVILLE, LA  
NOTES, LEGEND AND KEY PLAN

project drawing sheet

CS1

# FAMILY DOLLAR

## FORMER FRED'S JONESVILLE, LA STORE # 805702

**VOID**

ABBREVIATIONS	SYMBOLS	KEY PLAN	INDEX OF DRAWINGS
<b>ACT</b> ACUSTICAL CEILING TILE <b>ADA</b> AMERICAN DISABILITIES ACT <b>ARCH</b> ABOVE FINISHED FLOOR <b>ARCH</b> ARCHITECT, ARCHITECTURAL <b>APPROX</b> APPROXIMATE <b>BD</b> BOARD <b>BLDG</b> BUILDING <b>CEM</b> CEMENT PLASTER FINISH <b>CLG</b> CEILING <b>CLR</b> CLEAR <b>CMU</b> CONCRETE MASONRY UNIT <b>COL</b> COLUMN <b>DF</b> DRINKING FOUNTAIN <b>DTL</b> DETAIL <b>DWG</b> DRAWING <b>EA</b> EACH <b>EIFS</b> EXTERIOR INSULATION FINISH SYSTEM <b>ELEV</b> ELEVATION <b>EQ</b> EQUAL <b>EXIST</b> EXISTING <b>EXTNG</b> EXTINGUISHER <b>FE</b> FIRE EXTINGUISHER <b>FR</b> FIRE RATING <b>FRP</b> FIBERGLAS REINFORCED PANEL <b>FIN</b> FINISH, FINISHED <b>FT</b> FOOT, FEET <b>FTG</b> FOOTING <b>FV</b> FIELD VERIFY <b>GA</b> GAGE <b>GWB</b> GYPSUM WALL BOARD <b>H</b> HIGH <b>HDW</b> HARDWARE <b>HM</b> HOLLOW METAL <b>HGT</b> HEIGHT <b>HOL</b> HOLLOW <b>HORIZ</b> HORIZONTALLY <b>HR</b> HOUR <b>HWAC</b> HEATING, VENTILATION AND AIR CONDITIONING <b>JT</b> JOINT <b>L</b> LENGTH, LONG <b>LAM</b> LAMINATE <b>LVT</b> LUXURY VINYL TILE <b>MAX</b> MAXIMUM <b>MFG. MANUF</b> MANUFACTURE, MANUFACTURER <b>MIN</b> MINIMUM, MINUTE <b>MTD</b> MOUNTED <b>MTL</b> METAL <b>NIC</b> NOT IN CONTRACT <b>OC</b> ON CENTER <b>OPP</b> OPPOSITE <b>PEJ</b> PREFORMED EXPANSION JOINT <b>PLAM</b> PLASTIC LAMINATE <b>PLYWD</b> PLYWOOD <b>PR</b> PAIR <b>PSI</b> POUNDS PER SQUARE INCH <b>PTD</b> PAINTED <b>RELO</b> RELOCATE <b>REOD</b> REQUIRED <b>SC</b> SOLID CORE <b>SF</b> SQUARE FEET <b>SHT</b> SHEET <b>SM</b> SIMILAR <b>STRUCT</b> STRUCTURAL <b>T</b> THICK, THICKNESS <b>TG</b> TEMPERED GLASS <b>THRESH</b> THRESHOLD <b>TYP</b> TYPICAL <b>UL</b> UNDERWRITERS LABORATORIES <b>UN</b> UNLESS OTHERWISE NOTED <b>VCT</b> VINYL COMPOSITION TILE <b>VTR</b> VENT THROUGH ROOF <b>WD</b> WIDE, WIDTH <b>W</b> WOOD <b>W</b> WITH <b>WWF</b> WELDED WIRE FABRIC <b>&amp;</b> AND <b>∠</b> ANGLE <b>AT</b> CENTER LINE <b>°</b> DEGREES <b>Ø, DIA</b> DIAMETER <b>#</b> NUMBER <b>±</b> PLUS OR MINUS	<b>1</b> ELEVATION MARKER <b>1</b> ENLARGED DETAIL INDICATOR <b>1</b> WALL SECTION MARKER <b>x</b> INTERIOR ELEVATION MARKER <b>⬭</b> DEMOLITION NOTE <b>∇</b> WALL CONSTRUCTION TYPE <b>△</b> REVISION MARKER <b>⊗</b> DOOR NUMBER <b>◆</b> ELEVATION DATUM <b>—</b> BREAK LINE <b>—</b> EXISTING DOOR <b>—</b> NEW DOOR <b>■</b> GYPSUM WALL BOARD <b>▨</b> WOOD TRIM <b>▩</b> NEW WALL CONSTRUCTION <b>▤</b> CMU <b>▦</b> CONCRETE	<p><b>KEY PLAN</b> SCALE: NONE</p>	<b>ARCHITECTURAL</b> <b>CS1</b> NOTES, LEGEND AND KEY PLAN <b>D1</b> DEMOLITION PLAN <b>A1</b> FLOOR PLAN AND WALL CONSTRUCTION TYPES <b>A1.1</b> FURNITURE LEGRESS PLAN, DETAILS AND ELEVATIONS <b>A1.2</b> ENLARGED PLAN, DETAILS AND ELEVATIONS <b>A1.3</b> ENLARGED PLAN, DETAILS, SECTION AND ELEVATIONS <b>A2</b> REFLECTED CEILING PLAN AND LEGEND <b>A3</b> ELEVATIONS <b>A3.1</b> ELEVATIONS <b>A4</b> SCHEDULES, NOTES, DETAILS AND SECTIONS <b>STRUCTURAL</b> <b>S-1.0</b> EXISTING ROOF FRAMING PLAN WITH STRUCTURAL MODIFICATIONS <b>MECHANICAL / PLUMBING</b> <b>MP-1</b> HVAC & PLUMBING PLAN / ISOMETRICS & KEYED NOTES <b>MP-2</b> SCHEDULES & DETAILS <b>MP-3</b> SPECIFICATIONS <b>ELECTRICAL</b> <b>E-1</b> POWER PLAN <b>E-2</b> LIGHTING PLAN <b>E-3</b> SCHEDULES, NOTES & DETAILS <b>E-4</b> NOTES AND RISER DIAGRAM <b>FIRE PROTECTION</b> <b>FP1</b> FIRE SPRINKLER DEMOLITION PLAN <b>FP2</b> FIRE SPRINKLER PLAN - NEW WORK <b>FP3</b> FIRE SPRINKLER SPECIFICATION, NOTES AND DETAILS <b>FOR REFERENCE ONLY</b> <b>DS1</b> REACH-RITE UNITS DETAILS AND SPECIFICATIONS <b>EM1</b> ENERGY MANAGEMENT PLAN <b>EM2</b> ENERGY MANAGEMENT PLAN <b>EM3</b> ENERGY MANAGEMENT PLAN <b>EM4</b> ENERGY MANAGEMENT PLAN

GENERAL NOTES	NEW WORK NOTES	GENERAL SITE ACCESSIBILITY NOTES	BUILDING CODE SUMMARY	PROJECT DIRECTORY
<ol style="list-style-type: none"> <li>CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS. CONSTRUCTION SHALL ALSO COMPLY WITH LANDLORD'S CRITERIA (UNLESS PRECLUDED BY CODE).</li> <li>ALL WOOD FRAMEWORK, WOOD BLOCKING AND PLYWOOD SHALL BE FIRE RETARDANT TREATED PER CODE.</li> <li>ALL FINISH MATERIALS SHALL MEET FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS CLASS C (OR CLASS 3).</li> <li>WALL CONSTRUCTION BY THE TENANT'S CONTRACTOR IS SHOWN HATCHED.</li> <li>THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO BID TO DETERMINE THE EXTENT OF WORK. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND THE TENANT OF ANY DISCREPANCIES PRIOR TO BIDDING.</li> <li>ALL MATERIALS INDICATED ARE NEW, UNLESS SPECIFICALLY NOTED AS EXISTING, AND SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. ITEMS INDICATED AS TENANT SUPPLIED SHALL BE INSTALLED BY THE CONTRACTOR PER TENANT'S REQUIREMENTS AND/OR MANUFACTURER'S PUBLISHED STANDARDS.</li> <li>ALL EXISTING MATERIALS TO REMAIN WHICH ARE DAMAGED OR OTHERWISE DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE PATCHED OR REPAIRED TO MATCH THE EXISTING ADJACENT MATERIALS, SO THAT THE REPAIR IS IMPERCEPTIBLE.</li> <li>DURING THE COURSE OF CONSTRUCTION, IF THE CONTRACTOR UNCOVERS ANY CODE VIOLATION KNOWN TO HIM OR ANY DISCREPANCY WITH THE DESIGN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF SUCH IMMEDIATELY.</li> <li>CONTRACTOR SHALL ASSEMBLE AND INSTALL MATERIALS / PRODUCTS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND INDUSTRY ASSOCIATION STANDARDS.</li> <li>FIELD VERIFY AND/OR REPORT ASBESTOS-CONTAINING MATERIAL TO ARCHITECT AND TENANT UPON DISCOVERY.</li> <li>ALL INTERIOR CONCRETE SHALL BE PORTLAND CEMENT BASED TO INCLUDE PATCHING, FLOATING/LEVELING OF FLOORS AND INFILLING.</li> <li>ANY DETAIL WHICH MAY BE INCOMPLETE OR LACKING IN THE PLANS OR SPECIFICATIONS SHALL NOT CONSTITUTE CLAIM FOR EXTRA COMPENSATION, SUCH DETAIL, IF REQUESTED BY THE CONTRACTOR, SHALL BE SUPPLIED BY THE ENGINEER/ARCHITECT AND SUBMITTED TO THE CONTRACTOR IN ADVANCE OF ITS REQUIREMENT ON THE JOB. THE TRUE INTENT OF THE PLANS AND SPECIFICATIONS IS TO PRODUCE A COMPLETE WORKING FACILITY AND INCOMPLETE DETAIL WILL NOT ABROGATE THIS INTENT.</li> <li>THE CONTRACTOR SHALL PROVIDE ALL SHOP DRAWINGS (WITH THEIR STAMP OF APPROVAL) AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION FOR APPROVAL BY THE ARCHITECT/ENGINEER OF RECORD.</li> </ol>	<ol style="list-style-type: none"> <li>PROVIDE TENANT IDENTIFICATION SIGN AT REAR DOOR PER LANDLORD'S CRITERIA.</li> <li>(5) 2A-10BC RATED FIRE EXTINGUISHERS TO BE TENANT SUPPLIED. SIMILAR TO J.I. INDUSTRIES MODEL, COSMIC SE. LOCATE EXTINGUISHERS AS SHOWN. PROVIDE WALL BRACKETS AND MOUNT CONTROLS AT 48" AFF MAX. PROVIDE FIRE EXTINGUISHER SIGNS ON WALL DIRECTLY ABOVE EACH UNIT. CONTRACTOR SHALL HAVE EXTINGUISHERS INSPECTED AND TAGGED.</li> <li>THE CONTRACTOR SHALL VERIFY THAT TOILET ROOM(S), INCLUDING FIXTURES AND ACCESSORIES (BOTH EXISTING AND NEW) MEET ALL APPLICABLE LOCAL, STATE AND FEDERAL ACCESSIBILITY CODES AND LAWS.</li> <li>PROVIDE EXTERIOR LIGHT ABOVE REAR DOOR, AS APPROVED BY LANDLORD, IF ONE DOES NOT EXIST WITHIN 10 FEET OF REAR DOOR.</li> <li>PAINT ALL EXPOSED SURFACE MOUNTED CONDUIT TO MATCH ADJACENT WALL COLOR (IE WHITE OR YELLOW).</li> <li>CONTRACTOR SHALL CAULK AROUND TOP AND BOTTOM EDGES OF COLUMN SURROUNDS TO AVOID INJURY.</li> <li>REPAIR AND CLEAN ALL EXISTING MATERIALS (IE STOREFRONT FRAMING AND GLAZING, WALLS, CEILING, ETC) TO REMAIN TO A LIKE NEW CONDITION.</li> <li>NOTIFY FAMILY DOLLAR CONSTRUCTION PM AS TO THE CONDITION OF EXPOSED CONCRETE BLOCK WALL TO REMAIN ON THE SALES FLOOR. FAMILY DOLLAR WILL MAKE THE DETERMINATION AS TO WHETHER THE WALL'S CONDITION IS SUITABLE FOR PAINTING OR NEEDS TO BE FURRED OUT WITH METAL STUDS AND GWB.</li> <li>CONTRACTOR SHALL INSTALL TENANT SUPPLIED FIXTURES TO INCLUDE BUT NOT LIMITED TO CART CORRAL, PERIMETER WALL, GONDOLA, FLOOR GONDOLA, BALLOON CENTER, HANGING BALLOON CENTER, HELIUM TANK CABINET (SALES FLOOR), AND MOBILE FIXTURES PER TENANT'S FIXTURE PLAN.</li> <li>DOORS AND FRAMES (OTHER THAN THOSE LISTED AS EXIST) ARE TENANT SUPPLIED FOR CONTRACTOR INSTALLATION. STOREFRONT DOORS (WHEN NOTED) SHALL BE SUPPLIED AND INSTALLED BY CONTRACTOR AS REQUIRED. AUTOMATIC DOORS (WHEN NOTED) WILL BE SUPPLIED AND INSTALLED BY TENANT'S VENDOR. (CONTRACTOR IS RESPONSIBLE FOR ELECTRICAL CONNECTION.)</li> <li>CONTRACTOR SHALL REMOVE ANY EXISTING SIGNAGE THAT HAS PREVIOUS TENANT'S NAME (INTERIOR AND/OR EXTERIOR.) ANY SIGNAGE THAT IS REQUIRED SHALL BE REPLACED IN LIKE KIND WITH DOLLAR TREE'S NAME.</li> <li>CONTRACTOR SHALL VERIFY IF THERE IS AN EXISTING ACCESS PANEL TO TENANT'S SIGNAGE. IF ACCESS PANEL DOES NOT EXIST, INSTALL 2'-0" X 2'-0" ACCESS PANEL EITHER INSIDE AT DOLLAR TREE'S SPACE ABOVE THE CEILING (VERIFY FIRE RATINGS AND CODE REQUIREMENTS) OR IN THE EXTERIOR SOFFIT TO MATCH CANOPY CONSTRUCTION AS ALLOWED BY LANDLORD. CONFIRM WITH SIGN VENDOR FOR LOCATION PRIOR TO INSTALLING.</li> <li>CONTRACTOR SHALL INSTALL TENANT SUPPLIED INTERIOR GRAPHICS AND SIGNS TO INCLUDE BUT NOT LIMITED TO PERIMETER WALL GRAPHICS/SIGNAGE, HANGING GRAPHICS/SIGNAGE AND STOREFRONT WINDOW DECALS. CONTACT THE CONSTRUCTION PM FOR GRAPHICS/SIGNAGE DRAWINGS.</li> <li>CONTRACTOR SHALL SEAL ALL EXTERIOR PENETRATIONS INCLUDING CRACKS, HOLES, GAPS, AND EXISTING PENETRATIONS. CONTRACTOR SHALL SELECT MATERIAL APPROPRIATE FOR CONDITION TO PROVIDE PERMANENT RODENT-PROOF INFILL (INSULATION SPRAY FOAM IS NOT AN ACCEPTABLE FINISHED MATERIAL.)</li> <li>CONTRACTOR SHALL POST ON BULLETIN BOARD IN OFFICE FINAL INSPECTIONS &amp; CERTIFICATE OF OCCUPANCY.</li> <li>ALL FLAQUE SIGNAGE SHALL BE ATTACHED TO MOUNTING SURFACE WITH CONSTRUCTION ADHESIVE.</li> <li>AT ROOF, FLASH NEW MECHANICAL EQUIPMENT CURBS IN ACCORDANCE WITH ROOFING MANUFACTURER'S RECOMMENDATIONS. REFER TO MECHANICAL AND STRUCTURAL DRAWINGS FOR MORE INFORMATION. GENERAL CONTRACTOR SHALL COORDINATE WITH CONSTRUCTION PM PRIOR TO STARTING WORK AT ROOF SO AS NOT TO VOID LANDLORD ROOF WARRANTY.</li> </ol>	<p>IN ACCORDANCE WITH CHAPTER 11, ACCESSIBILITY - SECTIONS 1104 AND 1106 OF THE INTERNATIONAL BUILDING CODE, 2015 EDITION, THE EXTERIOR ROUTES OF TRAVEL AND ACCESSIBLE PARKING ARE EXISTING PRIOR TO THE OCCUPANCY OF THE NEW TENANT. NO CHANGE OF OCCUPANCY OR EXTERIOR SITE MODIFICATION SHALL OCCUR WITHOUT PRIOR PERMITTING AND COMPLIANCE TO ABOVE MENTIONED CODE. REQUIRED SITE DEVELOPMENT OR COMPLIANCE TO ABOVE MENTIONED CODE SHALL BE SOLE RESPONSIBILITY OF LANDLORD AND/OR OWNER OF EXISTING BUILDING AND SITE.</p> <p><b>ENVIRONMENTAL HEALTH NOTES</b></p> <ol style="list-style-type: none"> <li>THIS FACILITY CARRIES ONLY 100% PRE-PACKAGED FOOD TO INCLUDE THE FREEZER/COOLER PRODUCT.</li> <li>THIS FACILITY IS A NON DINING FACILITY. NO DINING SEATING WILL BE PROVIDED TO CUSTOMERS.</li> <li>THIS FACILITY DOES NOT PERFORM ANY TYPE OF FOOD PREPARATION WITHIN THE STORE FOR CUSTOMER CONSUMPTION AND/OR EMPLOYEE CONSUMPTION.</li> <li>THIS FACILITY HAS NO FOOD EQUIPMENT WITHIN THE STORE.</li> <li>THIS FACILITY WILL HAVE 3 TO 4 EMPLOYEES PER SHIFT MAXIMUM. ONE STORE MANAGER, ONE TO TWO CASHIERS AND ONE STOCKER.</li> <li>EMPLOYEE LOCKERS- EASILY CLEANABLE LOCKERS WILL BE PROVIDED TO ALL EMPLOYEES. REFER TO FIXTURE PLAN FOR LOCATION.</li> <li>MOP SINK- THIS FACILITY WILL BE SUPPLIED WITH A 24"X36" FLOOR MOUNTED MOP SINK WITH APPROVED VACUUM BREAKER FAUCET, WALLS SURROUNDING MOP SINK WILL HAVE FRP TO 8'-0" ABOVE FINISH FLOOR FOR EASY CLEANABLE SURFACE.</li> <li>NSF, ANSI AND UL APPROVED- ALL EQUIPMENT WITHIN THIS FACILITY IS NSF, ANSI AND UL APPROVED. CUT SHEETS FOR EQUIPMENT AVAILABLE UPON REQUEST.</li> <li>FINISH SCHEDULE- A FINISH SCHEDULE IS INCLUDED IN THIS SET OF CONSTRUCTION DOCUMENTS AND LOCATED ON SHEET A4 FOR YOUR USE.</li> <li>QUESTIONS- EXAMINER PLEASE FEEL FREE TO CONTACT THE ARCHITECT AND ENGINEERS LISTED ON SHEET CS1 WITH ANY QUESTIONS OR ITEMS YOU NEED CLARIFICATION ON. ALSO YOU CAN CONTACT KEITH JOHNSON, DIRECTOR OF ARCHITECTURAL SERVICES FOR DOLLAR TREE STORES, INC AT 757-321-5435.</li> </ol>	<p><b>APPLICABLE BUILDING CODE:</b> INTERNATIONAL BUILDING CODE 2015 EDITION WITH LOUISIANA AMENDMENTS</p> <p><b>APPLICABLE PLUMBING CODE:</b> INTERNATIONAL PLUMBING CODE 2015 EDITION WITH LOUISIANA AMENDMENTS</p> <p><b>USE GROUP:</b> M - MERCANTILE</p> <p><b>CONSTRUCTION TYPE:</b> IB</p> <p><b>NUMBER OF STORIES:</b> ONE</p> <p><b>DECK HEIGHT:</b> 18'-3"</p> <p><b>SPRINKLERED:</b> YES</p> <p><b>TOTAL LEASE AREA:</b> 12,388 SF</p> <p><b>OCCUPANCY LOAD:</b> SALES AREA 9482 / 60 = 159 PRE-SALES 2806 / 300 = 10 TOTAL = 169</p> <p><b>PROJECT ADDRESS:</b> FORMER FRED'S 1106 1ST ST JONESVILLE, LA 71343</p> <p><b>BUILDING DEPT PH/CAVE NO:</b> (318) 339-8596</p> <p><b>FIRE MONITORING REQUIRED:</b> YES</p>	<p><b>ARCHITECT</b> RRMM ARCHITECTS, PC 1317 EXECUTIVE BLVD, SUITE 200 CHESAPEAKE, VIRGINIA 23320 PHONE (757) 822-2828 FAX (757) 822-6883 BRITTANY SMITH, PM</p> <p><b>TENANT</b> FAMILY DOLLAR STORES, INC. 500 VOLVO PARKWAY CHESAPEAKE, VA 23320 PHONE (412) 335-7406 FAX (757) 351-6300 JAMES RODAK</p> <p><b>PLUMB, MECH, ELEC ENGINEER</b> OLG ENGINEERING 301 INDUSTRIAL BLVD TULLAHOMA, TENNESSEE 37388 PHONE (931) 454-9940 FAX (931) 454-2338 TM LITTLE, PM</p> <p><b>STRUCTURAL ENGINEER</b> CLARK, GEER, LATHAM &amp; ASSOCIATES, INC 3901 SPRINGHILL AVENUE MOBILE, ALABAMA 36608 PHONE (251) 344-7073 FAX (251) 343-9179 THOMAS LATHAM</p> <p><b>SIGN CONTRACTOR</b> ALLEN INDUSTRIES 6434 BURNT POPLAR RD GREENSBORO, NC 27409 PHONE (888) 294-2007 EXT. 3117 BRYAN DANIEL</p> <p><b>LANDLORD</b> ODDM SHOPPING CENTER, LLC 146 POOLE RD JONESVILLE, LA 71343 (318) 403-0771 GARY ODDM</p> <p><b>FIRE PROTECTION ENGINEER</b> CODE CONSULTANTS, INC. 2843 WOODLAND PARKWAY, SUITE 300 ST. LOUIS, MISSOURI 63148 PHONE (314) 991-2833 DENNIS KROCKER, PM</p>
		<p><b>SECURITY NOTES: RISK CLASS 0</b></p> <p>SECURITY CHECKPOINT (ALL LOCATIONS)</p>		
		<p><b>FIRE ALARM SCOPE OF WORK</b></p> <p>FIRE ALARM DRAWINGS ARE NOT REQUIRED WITHIN THE PROPOSED FAMILY DOLLAR IN JONESVILLE, LA. SEE FIRE ALARM NOTE BELOW:</p> <p>THE EXISTING FIRE SPRINKLER RISER SERVING THE FAMILY DOLLAR SPACE IS CURRENTLY BEING ELECTRONICALLY MONITORED BY A FIRE ALARM CONTROL PANEL LOCATED OUTSIDE OF THE PROPOSED FAMILY DOLLAR SPACE. THE PROPOSED FAMILY DOLLAR SPACE HAS AN OCCUPANT LOAD OF LESS THAN 500 AND DOES NOT REQUIRE OCCUPANT NOTIFICATION. THEREFORE, A FIRE ALARM SYSTEM IS NOT REQUIRED AND WILL NOT BE PROVIDED WITHIN THE PROPOSED FAMILY DOLLAR SPACE. THE EXISTING LANDLORD FIRE ALARM SYSTEM SHALL CONTINUE TO MONITOR THE FIRE SPRINKLER SYSTEM AS CURRENTLY CONFIGURED.</p>		

STORE # \_\_\_\_\_  
TURNOVER DATE \_\_\_\_\_  
OPEN DATE \_\_\_\_\_  
CONTRACTOR \_\_\_\_\_  
SVN TYN AS-IS SHELL MALL / RELOCATION EXPANSION

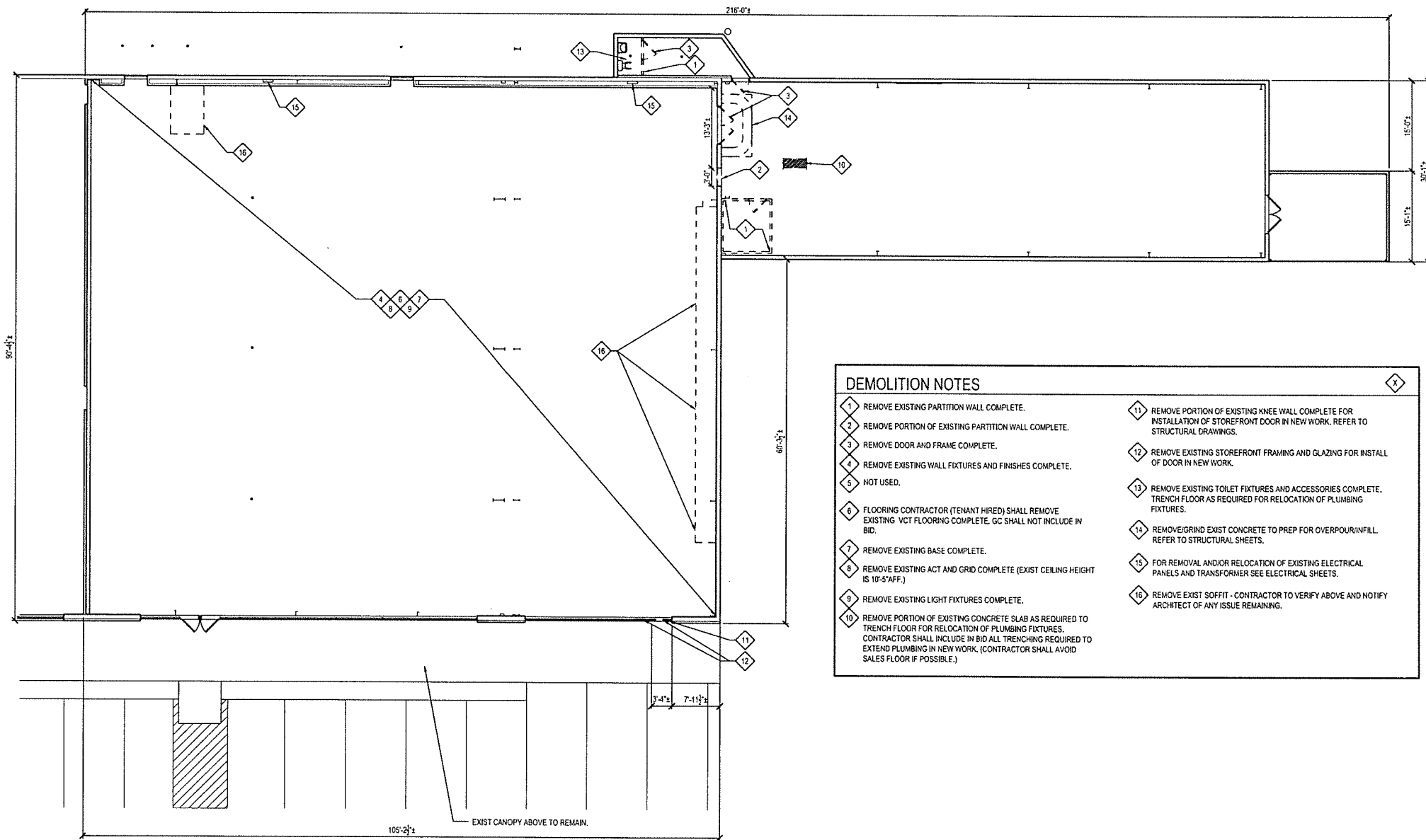
date project designed drawn checked  
02/27/22 2/14/22 BS BS BS

**RRMM ARCHITECTS, PC**  
1317 Executive Blvd, Suite 200  
Chesapeake, VA 23320  
(757) 822-2828 / Fax (757) 822-6883

**FAMILY DOLLAR**  
FAMILY DOLLAR STORE, FDS# 805702  
JONESVILLE, LA  
NOTES, LEGEND AND KEY PLAN

project drawing sheet

**CS1**



- DEMOLITION NOTES**
- 1 REMOVE EXISTING PARTITION WALL COMPLETE.
  - 2 REMOVE PORTION OF EXISTING PARTITION WALL COMPLETE.
  - 3 REMOVE DOOR AND FRAME COMPLETE.
  - 4 REMOVE EXISTING WALL FIXTURES AND FINISHES COMPLETE.
  - 5 NOT USED.
  - 6 FLOORING CONTRACTOR (TENANT HIRED) SHALL REMOVE EXISTING VCT FLOORING COMPLETE. GC SHALL NOT INCLUDE IN BID.
  - 7 REMOVE EXISTING BASE COMPLETE.
  - 8 REMOVE EXISTING ACT AND GRID COMPLETE (EXIST CEILING HEIGHT IS 10'-5" AFF.)
  - 9 REMOVE EXISTING LIGHT FIXTURES COMPLETE.
  - 10 REMOVE PORTION OF EXISTING CONCRETE SLAB AS REQUIRED TO TRENCH FLOOR FOR RELOCATION OF PLUMBING FIXTURES. CONTRACTOR SHALL INCLUDE IN BID ALL TRENCHING REQUIRED TO EXTEND PLUMBING IN NEW WORK. (CONTRACTOR SHALL AVOID SALES FLOOR IF POSSIBLE.)
  - 11 REMOVE PORTION OF EXISTING KNEE WALL COMPLETE FOR INSTALLATION OF STOREFRONT DOOR IN NEW WORK. REFER TO STRUCTURAL DRAWINGS.
  - 12 REMOVE EXISTING STOREFRONT FRAMING AND GLAZING FOR INSTALL OF DOOR IN NEW WORK.
  - 13 REMOVE EXISTING TOILET FIXTURES AND ACCESSORIES COMPLETE. TRENCH FLOOR AS REQUIRED FOR RELOCATION OF PLUMBING FIXTURES.
  - 14 REMOVE/GRIND EXIST CONCRETE TO PREP FOR OVERPOUR/INFILL. REFER TO STRUCTURAL SHEETS.
  - 15 FOR REMOVAL AND/OR RELOCATION OF EXISTING ELECTRICAL PANELS AND TRANSFORMER SEE ELECTRICAL SHEETS.
  - 16 REMOVE EXIST SOFFIT - CONTRACTOR TO VERIFY ABOVE AND NOTIFY ARCHITECT OF ANY ISSUE REMAINING.

**DEMOLITION PLAN**  
SCALE: 1/8" = 1'-0"  
PROJECT NORTH

by \_\_\_\_\_ description \_\_\_\_\_  
 date \_\_\_\_\_  
 mark \_\_\_\_\_  
 revisions \_\_\_\_\_

date	project	designed	drawn	checked	date	description
02/20/20	271144	BS	AS	DAE		

**RRMM ARCHITECTS, P.C.**

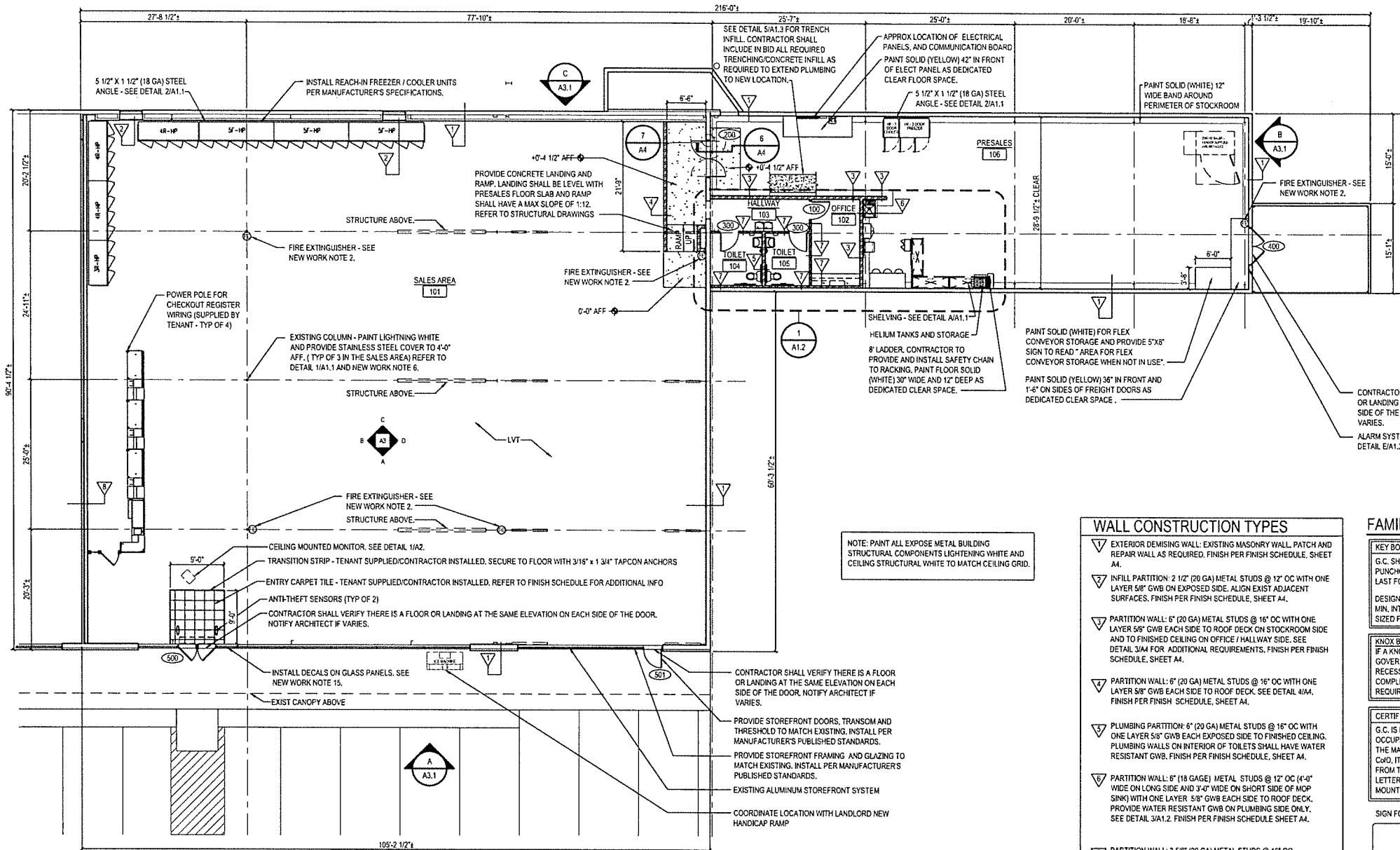
1317 Executive Blvd, Suite 200  
 Chesapeake, VA 23320  
 (757) 622-2629 / fax (757) 622-2863

**FAMILY DOLLAR**  
 FAMILY DOLLAR STORE, FDS# 005702  
 JONESVILLE, VA  
 DEMOLITION PLAN

project \_\_\_\_\_  
 drawing \_\_\_\_\_

sheet

**D1**



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



NOTE: PAINT ALL EXPOSE METAL BUILDING STRUCTURAL COMPONENTS LIGHTENING WHITE AND CEILING STRUCTURAL WHITE TO MATCH CEILING GRID.

**WALL CONSTRUCTION TYPES**

- ▽ EXTERIOR DEMISING WALL: EXISTING MASONRY WALL. PATCH AND REPAIR WALL AS REQUIRED. FINISH PER FINISH SCHEDULE, SHEET A4.
- ▽ INFILL PARTITION: 2 1/2" (20 GA) METAL STUDS @ 12" OC WITH ONE LAYER 5/8" GWB ON EXPOSED SIDE. ALIGN EXIST ADJACENT SURFACES. FINISH PER FINISH SCHEDULE, SHEET A4.
- ▽ PARTITION WALL: 6" (20 GA) METAL STUDS @ 16" OC WITH ONE LAYER 5/8" GWB EACH SIDE TO ROOF DECK ON STOCKROOM SIDE AND TO FINISHED CEILING ON OFFICE / HALLWAY SIDE. SEE DETAIL 3/A4 FOR ADDITIONAL REQUIREMENTS. FINISH PER FINISH SCHEDULE, SHEET A4.
- ▽ PARTITION WALL: 6" (20 GA) METAL STUDS @ 16" OC WITH ONE LAYER 5/8" GWB EACH SIDE TO ROOF DECK. SEE DETAIL 4/A4. FINISH PER FINISH SCHEDULE, SHEET A4.
- ▽ PLUMBING PARTITION: 6" (20 GA) METAL STUDS @ 16" OC WITH ONE LAYER 5/8" GWB EACH EXPOSED SIDE TO FINISHED CEILING. PLUMBING WALLS ON INTERIOR OF TOILETS SHALL HAVE WATER RESISTANT GWB. FINISH PER FINISH SCHEDULE, SHEET A4.
- ▽ PARTITION WALL: 6" (18 GAGE) METAL STUDS @ 12" OC (4'-0" WIDE ON LONG SIDE AND 3'-0" WIDE ON SHORT SIDE OF MOP SINK) WITH ONE LAYER 5/8" GWB EACH SIDE TO ROOF DECK. PROVIDE WATER RESISTANT GWB ON PLUMBING SIDE ONLY. SEE DETAIL 3/A1.2. FINISH PER FINISH SCHEDULE SHEET A4.
- ▽ PARTITION WALL: 3 5/8" (20 GA) METAL STUDS @ 16" OC WITH ONE LAYER 5/8" GWB EACH EXPOSED SIDE TO FINISHED CEILING. PLUMBING WALLS ON INTERIOR OF TOILETS SHALL HAVE WATER RESISTANT GWB. SEE DETAIL 2/A1.2. FINISH PER FINISH SCHEDULE, SHEET A4.
- ▽ TENANT DEMISING WALL: EXISTING METAL STUDS AND FIRECODE GWB TO REMAIN. PATCH AND REPAIR AS REQUIRED TO MAINTAIN FIRE RATING PER CODE. FINISH PER FINISH SCHEDULE, SHEET A4.

**FLOORING NOTES**

- NOTE 1: CONTRACTOR SHALL LEVEL EXISTING INFLOOR SLAB-ON-GRADE TO WITHIN 1/4" PER 10 FEET FLATNESS AND LEVELNESS ACROSS ENTIRE FAMILY DOLLAR SPACE. CONTRACTOR SHALL GRIND ELEVATED SLAB SURFACES SMOOTH AND FILL LOW AREAS AS REQUIRED TO ACHIEVE FLATNESS AND LEVELNESS REQUIREMENTS. CONTRACTOR SHALL USE SIKAL LEVEL-525 RAPID CEMENTITIOUS SELF-LEVELING COMPOUND, OR AS APPROVED EQUAL BY STRUCTURAL ENGINEER OF RECORD. TO LEVEL FLOOR, CONTRACTOR SHALL FAMILIARIZE HIMSELF OF ALL CONDITIONS PRIOR TO COMMENCING WORK. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- NOTE 2: CONTRACTOR SHALL FILL EXISTING UTILITY TRENCHING, FLOOR HOLES, DRAINS AND SIMILAR ITEMS WITHIN THE FAMILY DOLLAR SPACE. DEPRESSED AND SLOPING FLOOR AREAS SHALL BE FILLED WITH SIKAL LEVEL-525 RAPID CEMENTITIOUS SELF-LEVELING COMPOUND OR AS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

**FAMILY DOLLAR GENERAL NOTES**

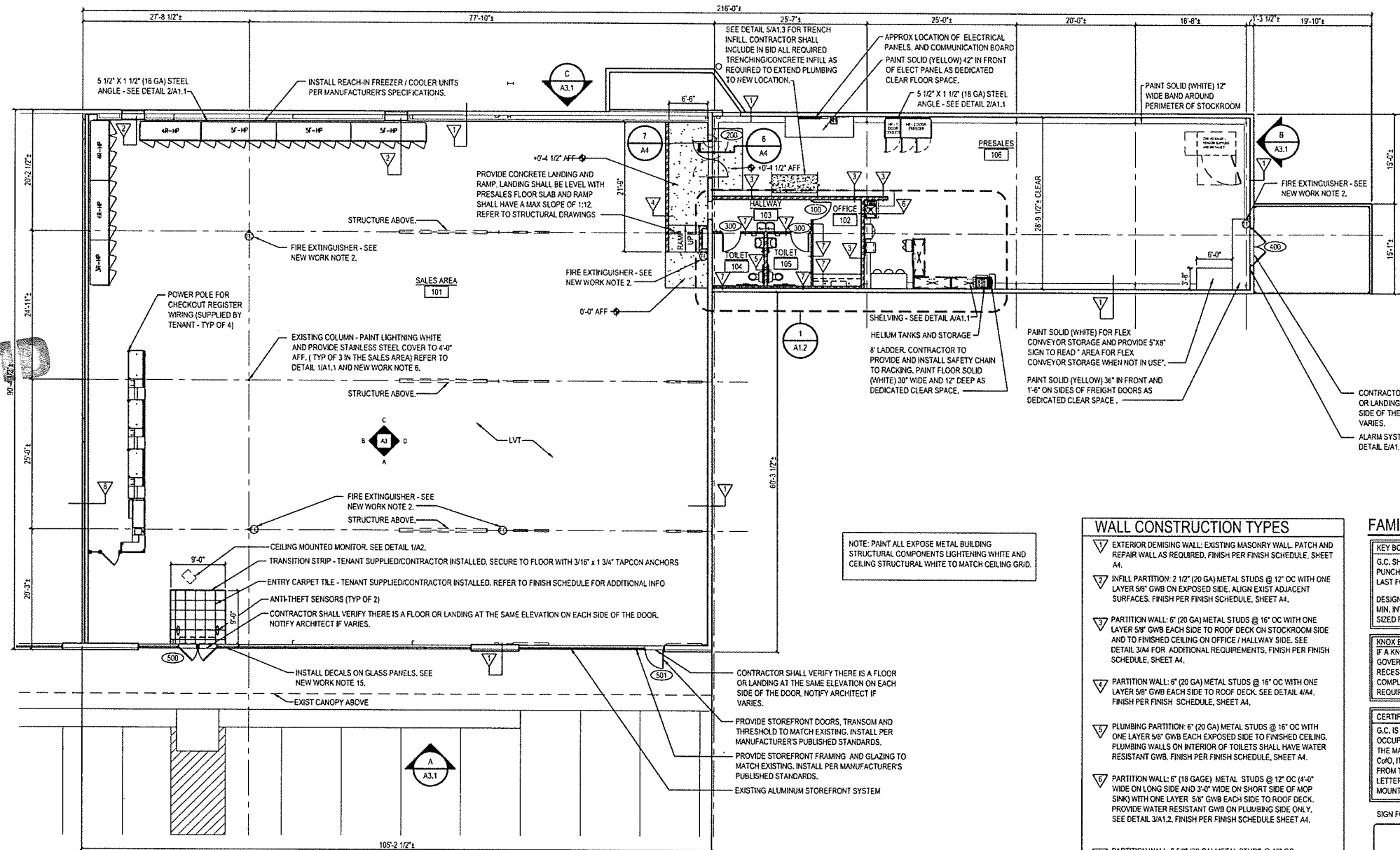
- KEY BOX NOTE:**  
G.C. SHALL PROVIDE KEY BOX FOR LOCK ACCESS DURING PUNCHOUT AND TURNOVER. COMBINATION MUST MATCH LAST FOUR DIGITS OF STORE NUMBER.  
DESIGNER NOTE: GC TO PROVIDE EYE BOLT EMBEDDED 12" MIN. INTO TOP OF LOADING AREA BOLLARD WITH DIAMETER SIZED FOR KEY LOCK BOX.
- KNOX BOX NOTE:**  
IF A KNOX BOX ENTRY SYSTEM IS REQUIRED BY THE CODES GOVERNING THE CONSTRUCTION OF THE PROJECT, PROVIDE RECESSED KNOX BOX PROVIDED BY THE GC PRIOR TO THE COMPLETION OF THE PROJECT. LOCATE PER LOCAL CODE REQUIREMENTS. KNOX BOX CONTACT - 866-425-4553
- CERTIFICATE OF OCCUPANCY:**  
G.C. IS RESPONSIBLE FOR THE "CERTIFICATE OF OCCUPANCY". CERTIFICATE TO BE FRAMED AND MOUNTED IN THE MANAGERS OFFICE. IF MUNICIPALITY DOES NOT ISSUE A COO, IT IS THE RESPONSIBILITY OF THE G.C. TO GET A LETTER FROM THE MUNICIPALITY STATING AS SUCH ON CITY/COUNTY LETTERHEAD AND THAT LETTER IS TO BE FRAMED AND MOUNTED IN MANAGERS OFFICE.
- SIGN FOR GROUND UP STORES**      **SIGN FOR IN-LINE STORES**
- THIS IS A TOBACCO FREE CAMPUS**
- SMOKE FREE FACILITY**
- SMOKE FREE NOTE:** PROVIDE SIGNAGE AT EVERY ENTRY POINT ON EXTERIOR WALL INTO THE BUILDING PER THE GROUND UP OR IN-LINE STORE TYPE ABOVE. SIGNS MUST BE 10"x17" IN SIZE. THE MATERIAL IS PREFERRED TO BE ALUMINUM. SIGNS MAY BE FOUND AT WWW.compliance-signs.com
- HIGH PILED STORAGE NOTE:**  
NO HIGH PILED STORAGE, AS DEFINED BY THE CODES GOVERNING THE JURISDICTION IN WHICH THE PROJECT IS CONSTRUCTED, SHALL BE ALLOWED.
- FREEZER / COOLER NOTE:**  
ALL REACH-IN FREEZER / COOLER UNITS ARE SELF CONTAINED. REFER TO SHEET DS1 FOR SPECIFICATION.

date	project	designed	drawn	checked
02/20/20	2714-04	BS	BS	DAZ
description				
revision				
no.	date	revision		
1				

1317 Executive Blvd, Suite 200  
Chesapeake, VA 23320  
(757) 622-8528 / fax (757) 622-8863

FAMILY DOLLAR  
FAMILY DOLLAR STORE, FDS# 605702  
JONESVILLE, LA  
FLOOR PLAN AND WALL CONSTRUCTION TYPES

project	drawing
sheet	A1



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



NOTE: PAINT ALL EXPOSE METAL BUILDING STRUCTURAL COMPONENTS LIGHTNING WHITE AND CEILING STRUCTURAL WHITE TO MATCH CEILING GRID.

**WALL CONSTRUCTION TYPES**

- ▽ EXTERIOR DEMISING WALL: EXISTING MASONRY WALL. PATCH AND REPAIR WALL AS REQUIRED. FINISH PER FINISH SCHEDULE, SHEET A4.
- ▽ INFILL PARTITION: 2 1/2" (20 GA) METAL STUDS @ 12" OC WITH ONE LAYER 5/8" GWB ON EXPOSED SIDE. ALIGN EXIST ADJACENT SURFACES. FINISH PER FINISH SCHEDULE, SHEET A4.
- ▽ PARTITION WALL: 6" (20 GA) METAL STUDS @ 16" OC WITH ONE LAYER 5/8" GWB EACH SIDE TO ROOF DECK ON STOCKROOM SIDE AND TO FINISHED CEILING ON OFFICE / HALLWAY SIDE. SEE DETAIL 3/A4 FOR ADDITIONAL REQUIREMENTS. FINISH PER FINISH SCHEDULE, SHEET A4.
- ▽ PARTITION WALL: 6" (20 GA) METAL STUDS @ 16" OC WITH ONE LAYER 5/8" GWB EACH SIDE TO ROOF DECK. SEE DETAIL 4/A4. FINISH PER FINISH SCHEDULE, SHEET A4.
- ▽ PLUMBING PARTITION: 6" (20 GA) METAL STUDS @ 16" OC WITH ONE LAYER 5/8" GWB EACH EXPOSED SIDE TO FINISHED CEILING. PLUMBING WALLS ON INTERIOR OF TOILETS SHALL HAVE WATER RESISTANT GWB. FINISH PER FINISH SCHEDULE, SHEET A4.
- ▽ PARTITION WALL: 6" (18 GAGE) METAL STUDS @ 12" OC (4'-0" WIDE ON LONG SIDE AND 3'-0" WIDE ON SHORT SIDE OF MOP SINK) WITH ONE LAYER 5/8" GWB EACH SIDE TO ROOF DECK. PROVIDE WATER RESISTANT GWB ON PLUMBING SIDE ONLY. SEE DETAIL 3/A1.2. FINISH PER FINISH SCHEDULE SHEET A4.
- ▽ PARTITION WALL: 3 5/8" (20 GA) METAL STUDS @ 16" OC WITH ONE LAYER 5/8" GWB EACH EXPOSED SIDE TO FINISHED CEILING. PLUMBING WALLS ON INTERIOR OF TOILETS SHALL HAVE WATER RESISTANT GWB. SEE DETAIL 2/A1.2. FINISH PER FINISH SCHEDULE, SHEET A4.
- ▽ TENANT DEMISING WALL: EXISTING METAL STUDS AND FIRECODE GWB TO REMAIN. PATCH AND REPAIR AS REQUIRED TO MAINTAIN FIRE RATING PER CODE. FINISH PER FINISH SCHEDULE, SHEET A4.

**FLOORING NOTES**

- NOTE 1: CONTRACTOR SHALL LEVEL EXISTING INTERIOR SLAB-ON-GRADE TO WITHIN 1/4" PER 10 FEET FLATNESS AND LEVELNESS ACROSS ENTIRE FAMILY DOLLAR SPACE. CONTRACTOR SHALL GRIND ELEVATED SLAB SURFACES SMOOTH AND FILL LOW AREAS AS REQUIRED TO ACHIEVE FLATNESS AND LEVELNESS REQUIREMENTS. CONTRACTOR SHALL USE SIKA LEVEL-525 RAPID CEMENTITIOUS SELF-LEVELING COMPOUND, OR AS APPROVED EQUAL BY STRUCTURAL ENGINEER OF RECORD, TO LEVEL FLOOR. CONTRACTOR SHALL FAMILIARIZE HIMSELF OF ALL CONDITIONS PRIOR TO COMMENCING WORK. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- NOTE 2: CONTRACTOR SHALL FILL EXISTING UTILITY TRENCHING, FLOOR HOLES, DRAINS AND SIMILAR ITEMS WITHIN THE FAMILY DOLLAR SPACE. DEPRESSED AND SLOPING FLOOR AREAS SHALL BE FILLED WITH SIKA LEVEL-525 RAPID CEMENTITIOUS SELF-LEVELING COMPOUND OR AS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

**FAMILY DOLLAR GENERAL NOTES**

- KEY BOX NOTE:**  
G.C. SHALL PROVIDE KEY BOX FOR LOCK ACCESS DURING PUNCHOUT AND TURNOVER. COMBINATION MUST MATCH LAST FOUR DIGITS OF STORE NUMBER.
- DESIGNER NOTE:** GC TO PROVIDE EYE BOLT EMBEDDED 12" MIN. INTO TOP OF LOADING AREA BOLLARD WITH DIAMETER SIZED FOR KEY LOCK BOX.
- KNOX BOX NOTE:**  
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- CERTIFICATE OF OCCUPANCY:**  
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- FREEZER / COOLER NOTE:**  
ALL REACH-IN FREEZER / COOLER UNITS ARE SELF CONTAINED. REFER TO SHEET DS1 FOR SPECIFICATION.

date	project	designer	drawn	checked
2011-04-01				
date	project	designer	drawn	checked

mark date revisions

description by

**RRMM ARCHITECTS, P.C.**  
1317 Executive Blvd, Suite 200  
Chesapeake, VA 23320  
(757) 622-2828 / fax (757) 622-6863

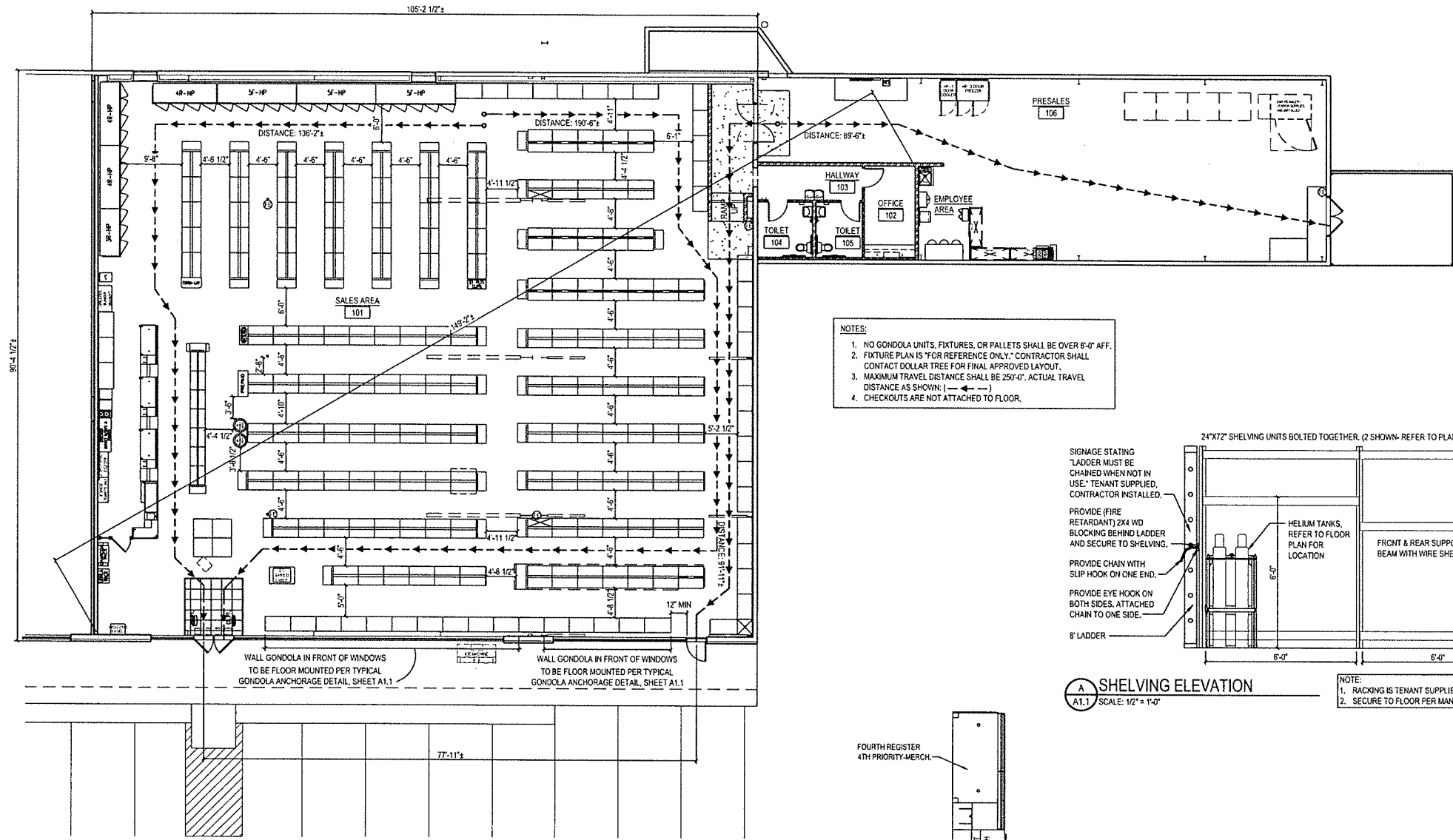
**FAMILY DOLLAR**  
FAMILY DOLLAR STORE, FDS# 005702  
JONESVILLE, LA  
FLOOR PLAN AND WALL CONSTRUCTION TYPES

project drawing

sheet

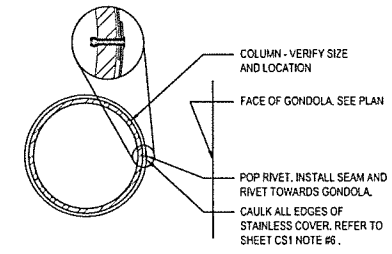
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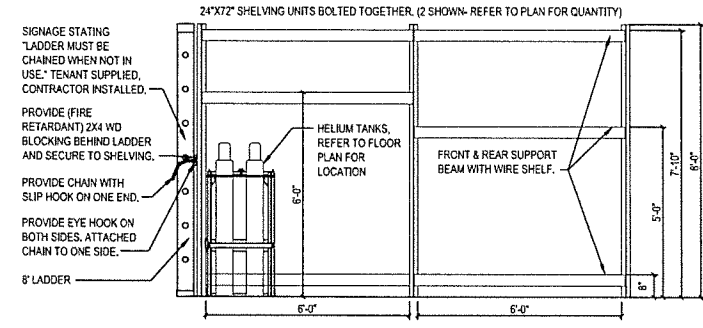


**NOTES:**

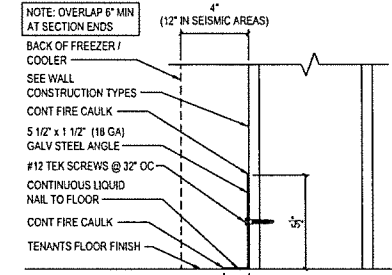
1. NO GONDOLA UNITS, FIXTURES, OR PALLETS SHALL BE OVER 6'-0" AFF.
2. FIXTURE PLAN IS "FOR REFERENCE ONLY." CONTRACTOR SHALL CONTACT DOLLAR TREE FOR FINAL APPROVED LAYOUT.
3. MAXIMUM TRAVEL DISTANCE SHALL BE 250'-0". ACTUAL TRAVEL DISTANCE AS SHOWN: (←→)
4. CHECKOUTS ARE NOT ATTACHED TO FLOOR.



**1 COLUMN DETAIL**  
A1.1 SCALE: 1 1/2" = 1'-0"

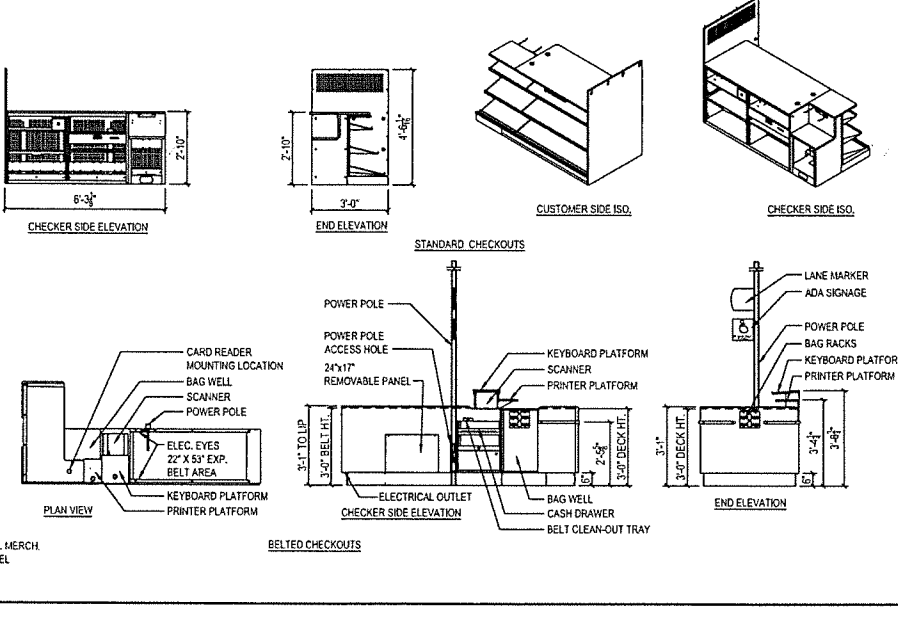
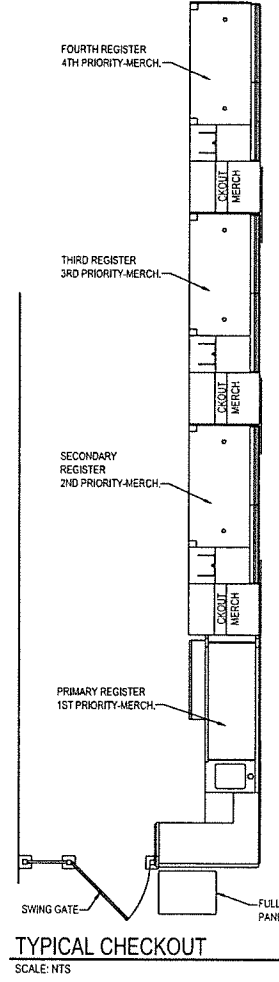
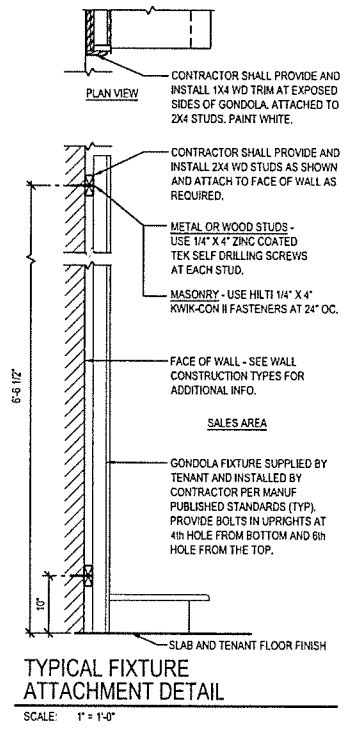
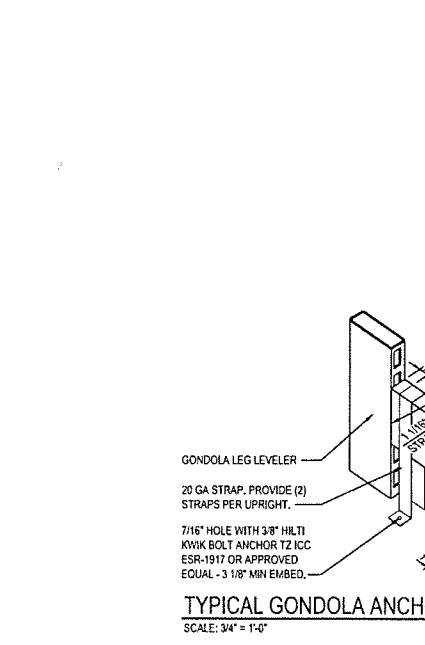


**2 SHELVING ELEVATION**  
A1.1 SCALE: 1/2" = 1'-0"



**3 DETAIL**  
A1.1 SCALE: 3" = 1'-0"

**FIXTURE / EGRESS PLAN**  
SCALE: 1/8" = 1'-0"



**NOTE:**

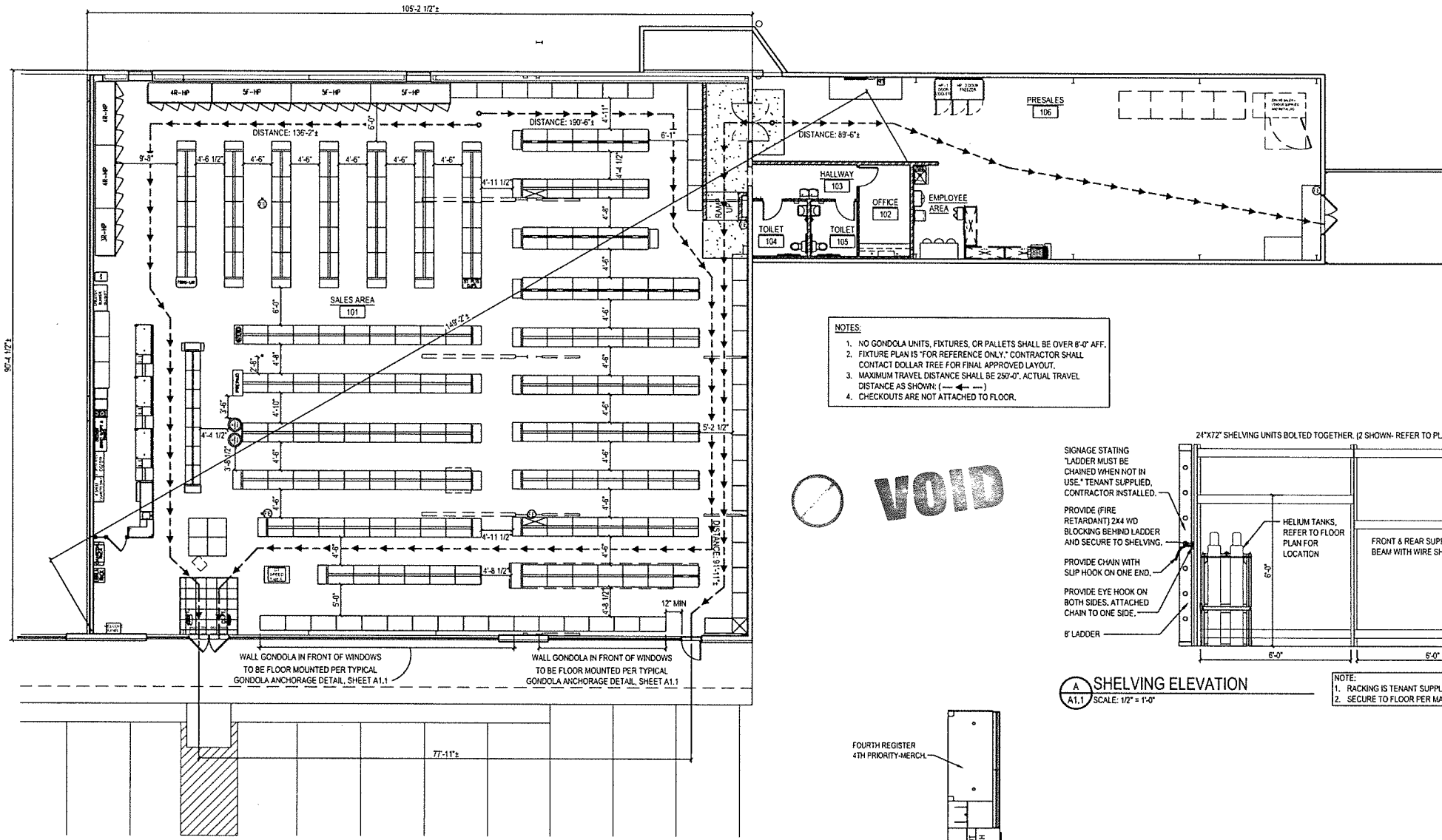
1. CHECKOUTS AND POWER POLES ARE TENANT SUPPLIED / CONTRACTOR INSTALLED.
2. CHECKOUT AISLES SHALL COMPLY WITH 2015 INTERNATIONAL BUILDING CODE SECTION 1108.12.2 (PROVIDE 2 when 5 or more)
3. PROVIDE SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY IN BLUE AND WHITE ABOVE EACH CHECKOUT AISLE IN THE SAME LOCATION AS THE CHECKOUT NUMBER OR TYPE OF CHECKOUT IDENTIFICATION.

RRRM  
**ARCHITECTS, PC**  
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 Chesapeake, VA 23320  
 (757) 622-2828 / fax (757) 622-6883

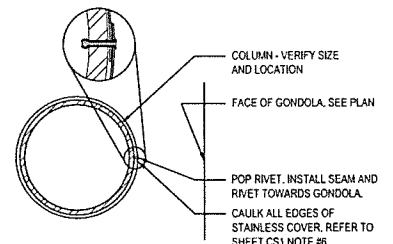
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**FAMILY DOLLAR**  
 FAMILY DOLLAR STORE, FDS# 805702  
 JONESVILLE, LA  
 FIXTURE / EGRESS PLAN, DETAILS AND ELEVATIONS

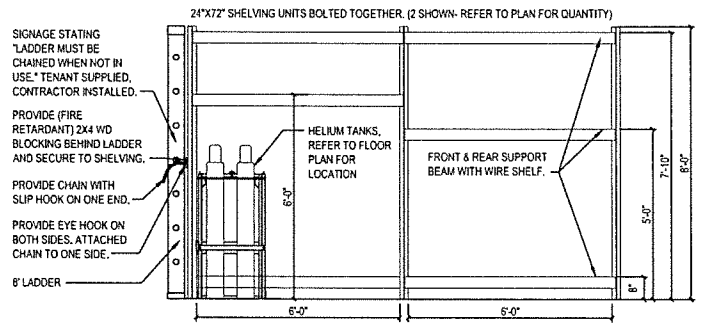
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 drawing: designed: 2/11/24  
 sheet: checked: as  
 A1.1 mark: ds  
 by: description:  
 description:



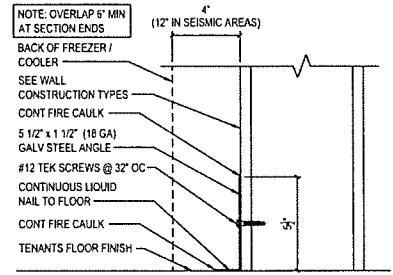
- NOTES:**
1. NO GONDOLA UNITS, FIXTURES, OR PALLETS SHALL BE OVER 8'-0" AFF.
  2. FIXTURE PLAN IS "FOR REFERENCE ONLY." CONTRACTOR SHALL CONTACT DOLLAR TREE FOR FINAL APPROVED LAYOUT.
  3. MAXIMUM TRAVEL DISTANCE SHALL BE 250'-0". ACTUAL TRAVEL DISTANCE AS SHOWN: (---) (---)
  4. CHECKOUTS ARE NOT ATTACHED TO FLOOR.



**1 COLUMN DETAIL**  
SCALE: 1/2" = 1'-0"



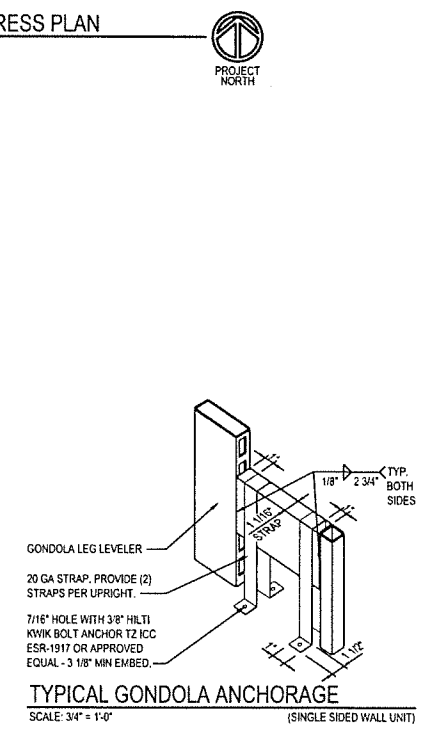
**A SHELVING ELEVATION**  
SCALE: 1/2" = 1'-0"



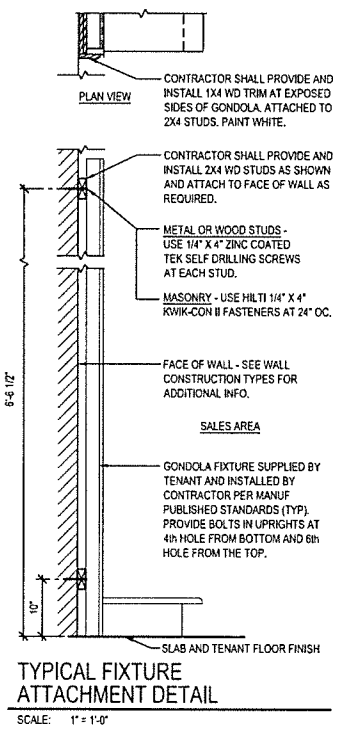
**2 DETAIL**  
SCALE: 3" = 1'-0"

**VOID**

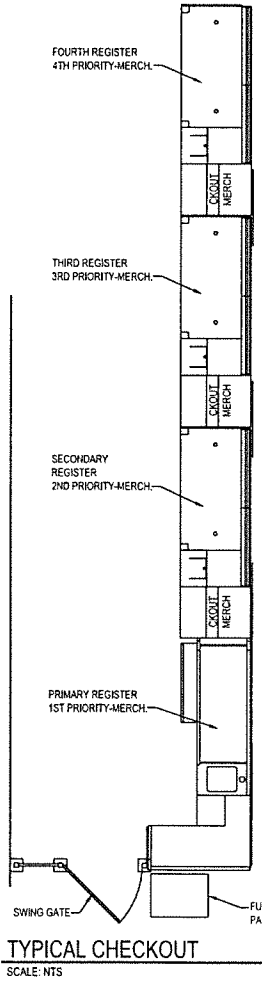
**FIXTURE / EGRESS PLAN**  
SCALE: 1/8" = 1'-0"



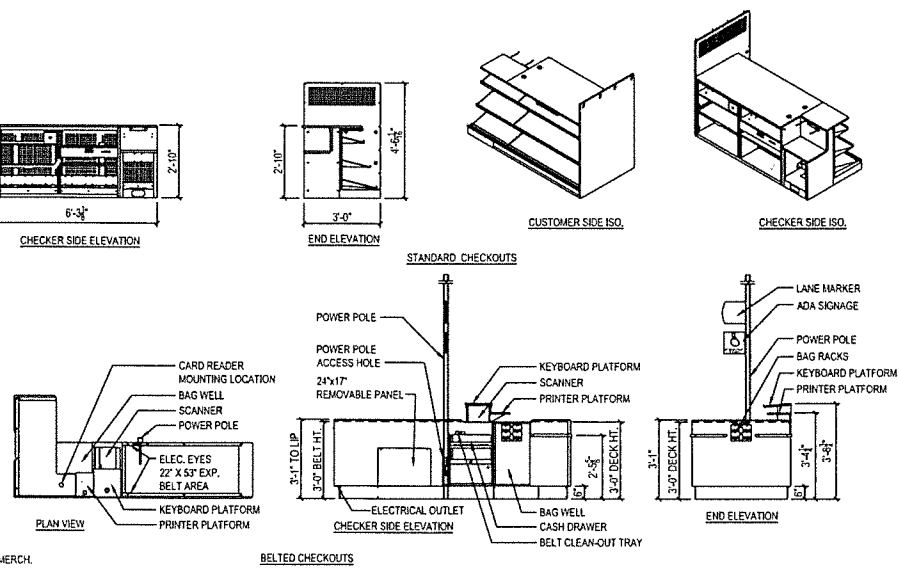
**TYPICAL GONDOLA ANCHORAGE**  
SCALE: 3/4" = 1'-0" (SINGLE SIDED WALL UNIT)



**TYPICAL FIXTURE ATTACHMENT DETAIL**  
SCALE: 1" = 1'-0"



**TYPICAL CHECKOUT**  
SCALE: NTS



- NOTE:**
1. CHECKOUTS AND POWER POLES ARE TENANT SUPPLIED / CONTRACTOR INSTALLED.
  2. CHECKOUT AISLES SHALL COMPLY WITH 2015 INTERNATIONAL BUILDING CODE SECTION 1108.12.1 (PROVIDE 2 when 5 or more)
  3. PROVIDE SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY IN BLUE AND WHITE ABOVE EACH CHECKOUT AISLE IN THE SAME LOCATION AS THE CHECKOUT NUMBER OR TYPE OF CHECKOUT IDENTIFICATION.

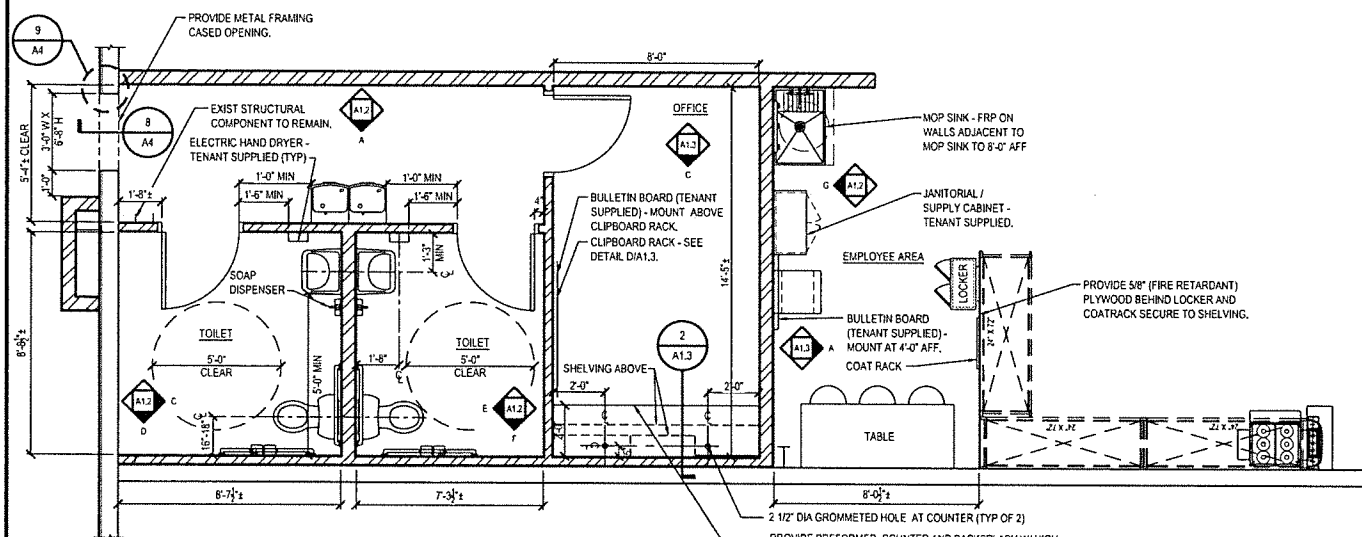
**RRMM ARCHITECTS, PC**  
1317 Executive Blvd, Suite 200  
Chesapeake, VA 23320  
(757) 622-2628 / fax (757) 622-6683

**FAMILY DOLLAR**  
FAMILY DOLLAR STORE, FDS# 605702  
JONESVILLE, VA  
FIXTURE / EGRESS PLAN, DETAILS AND ELEVATIONS

date	project	designed	drawn	checked
09/07/2022	231144	RS	AS	DAE

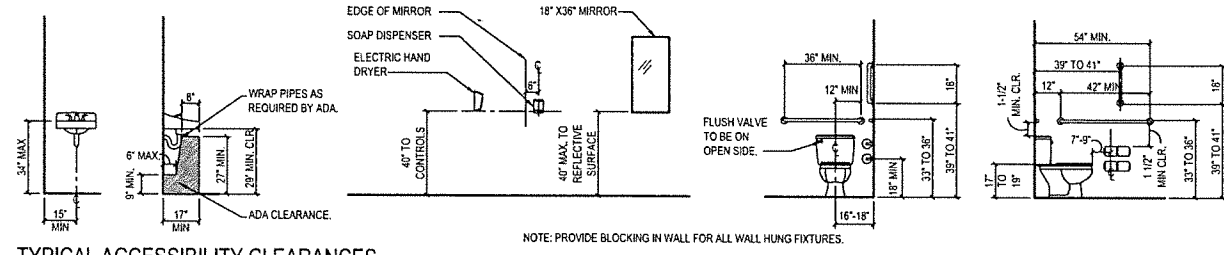
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sheet **A1.1**

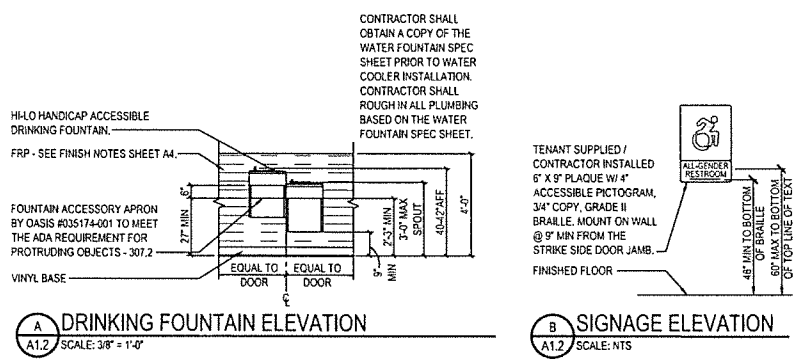


**1 ENLARGED PLAN**  
A1.2 SCALE: 3/8" = 1'-0"

- GENERAL REST ROOM NOTES:**
- LAYOUT OF TOILET ROOM FACILITIES SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL CODES, INCLUDING ALL ADA REQUIREMENTS. SUBMIT ANY MODIFIED LAYOUTS TO FAMILY DOLLAR FOR THEIR REVIEW AND APPROVAL.
  - TOILET ACCESSORIES ARE SUPPLIED BY TENANT AND INCLUDE THE FOLLOWING ACCESSORIES FOR EACH TOILET: 18"X36" WALL MIRROR WITH CONCEALED MOUNTING CENTERED OVER EACH LAVATORY. INSTALL W/ BASE OF REFLECTIVE SURFACE @ 4" A.F.F. PER ADA REQUIREMENTS SHOWN ON THIS SHEET. DUAL ROLL TOILET TISSUE DISPENSER, 18 GAL. CHROME PLATED STEEL OR APPROVED EQUAL. INSTALL PER ADA REQUIREMENTS SHOWN ON THIS SHEET. STN. STL. COAT HOOK MOUNTED TO DOOR FACE OR APPROVED EQUAL. INSTALL HOOK @ 4'-0" A.F.F. MAX. 1 1/4" x 3/8" & 42" & 18" STN. STL. CODE APPROVED GRAB BARS MOUNTED TO WALL. INSTALL GRAB BARS PER ADA REQUIREMENTS SHOWN ON THIS SHEET. PROVIDE JUNCTION BOX PER ELECTRICAL DRWGS. FOR TENANT SUPPLIED AND INSTALLED HAND DRYER. SOAP DISPENSER MOUNTED PER ADA REQUIREMENTS SHOWN ON THIS SHEET. CODE APPROVED ROOM IDENTIFICATION SIGN INSTALLED ADJACENT TO STRIKE JAMB LATCH SIDE OF DOOR W/ HORIZONTAL CENTERLINE @ 60" A.F.F.
  - INSTALL CONTINUOUS FIRE RETARDANT TREATED 2x6 BLOCKING BETWEEN STUDS FOR ALL HANDRAILS, GRAB BARS, FIXTURES, BRACKETS, ACCESSORIES, CABINETRY, AND MISC. SPECIALTIES AS REQUIRED, UNLESS NOTED OTHERWISE.
  - USE 5/8" MOISTURE RESISTANT G.W.B. (GREENBOARD) FOR TOILET ROOM WALLS.
  - DOOR HARDWARE MUST BE MOUNTED BETWEEN 34 (MIN.) & 48 INCHES (MAX.)
  - FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET.

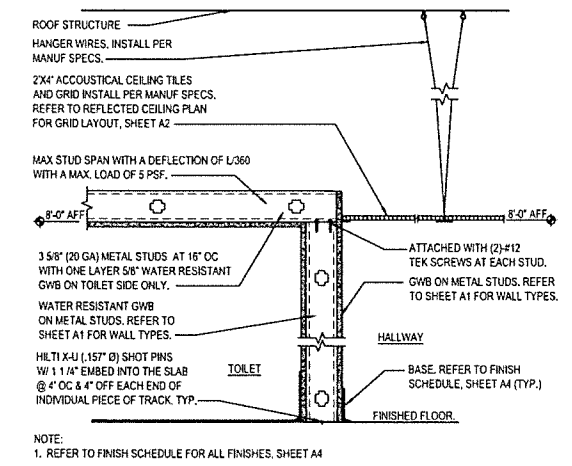


**TYPICAL ACCESSIBILITY CLEARANCES**  
SCALE: 3/8" = 1'-0"

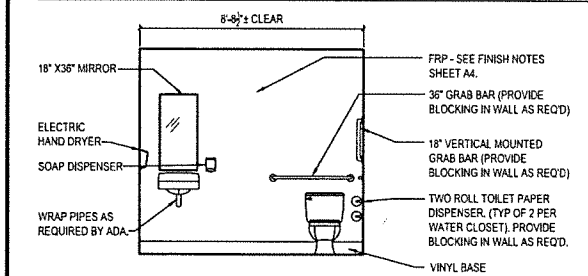


**A DRINKING FOUNTAIN ELEVATION**  
A1.2 SCALE: 3/8" = 1'-0"

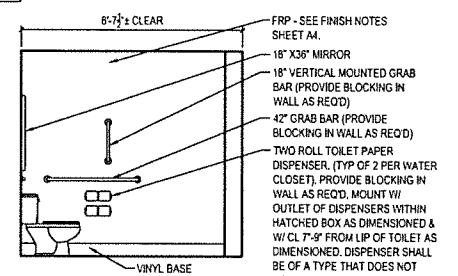
**B SIGNAGE ELEVATION**  
A1.2 SCALE: NTS



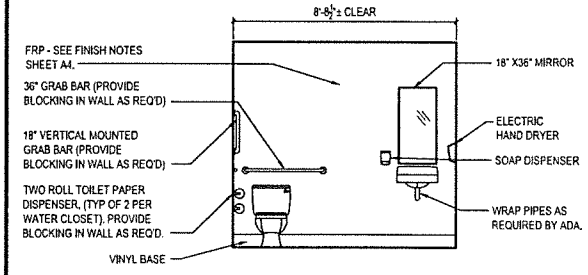
**2 CEILING DETAIL AT TOILET / HALLWAY**  
A1.2 SCALE: 1 1/2" = 1'-0"



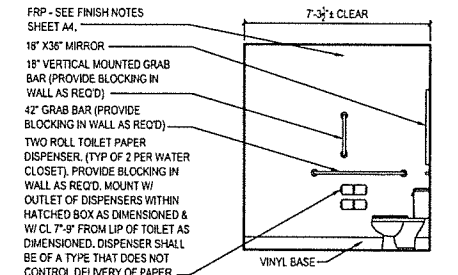
**C TOILET ELEVATION**  
A1.2 SCALE: 3/8" = 1'-0"



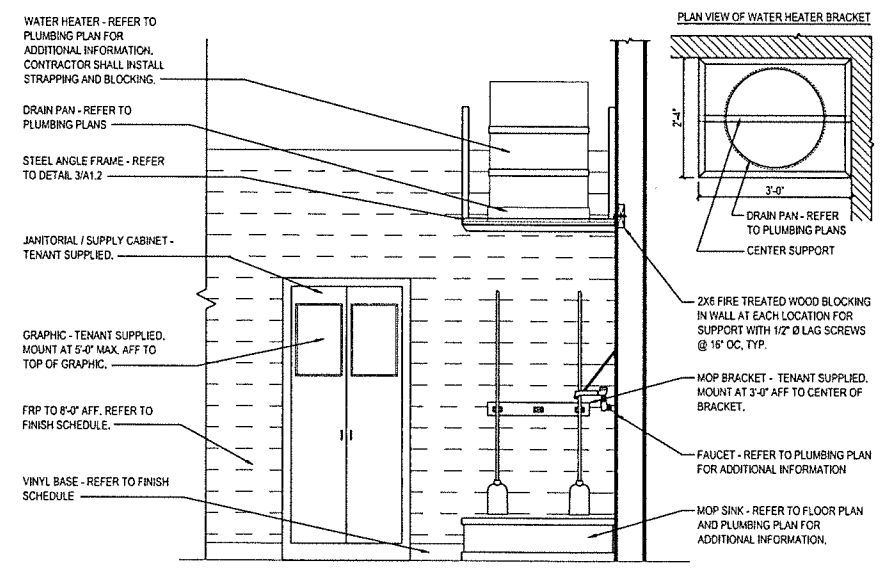
**D TOILET ELEVATION**  
A1.2 SCALE: 3/8" = 1'-0"



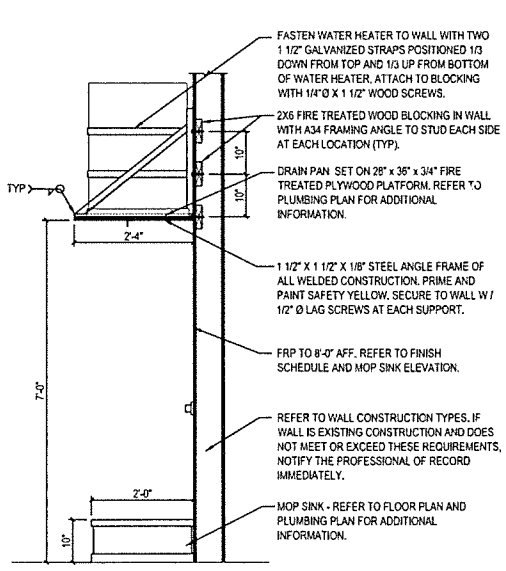
**E TOILET ELEVATION**  
A1.2 SCALE: 3/8" = 1'-0"



**F TOILET ELEVATION**  
A1.2 SCALE: 3/8" = 1'-0"



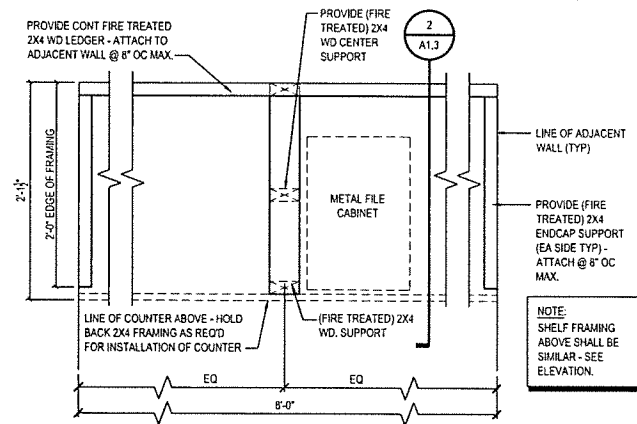
**G MOP SINK AND UTILITY CABINET ELEVATION**  
A1.2 SCALE: 3/4" = 1'-0"



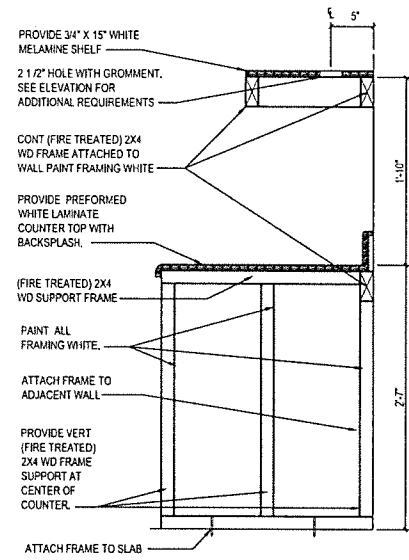
**3 WATER HEATER MOUNTING DETAIL**  
A1.2 SCALE: 3/4" = 1'-0"

description	
by	
date	
mark	revisions
07/07/2021	
2011/04	
BS	AS
date	project
designed	drawn
checked	
 1317 Executive Blvd, Suite 200 Chesapeake, VA 23320 (757) 622-2828 / fax (757) 622-6883	
<b>FAMILY DOLLAR</b> FAMILY DOLLAR STORE, FDS# 605702 JONESVILLE, VA ENLARGED PLAN, DETAILS, SECTION AND ELEVATIONS	
project	drawing
sheet	



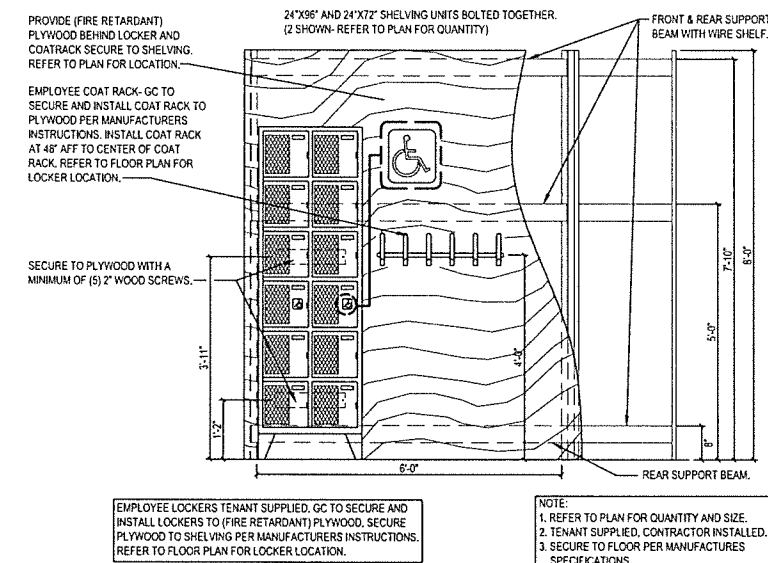


1 DETAIL  
A1.3 SCALE: 1 1/2" = 1'-0"

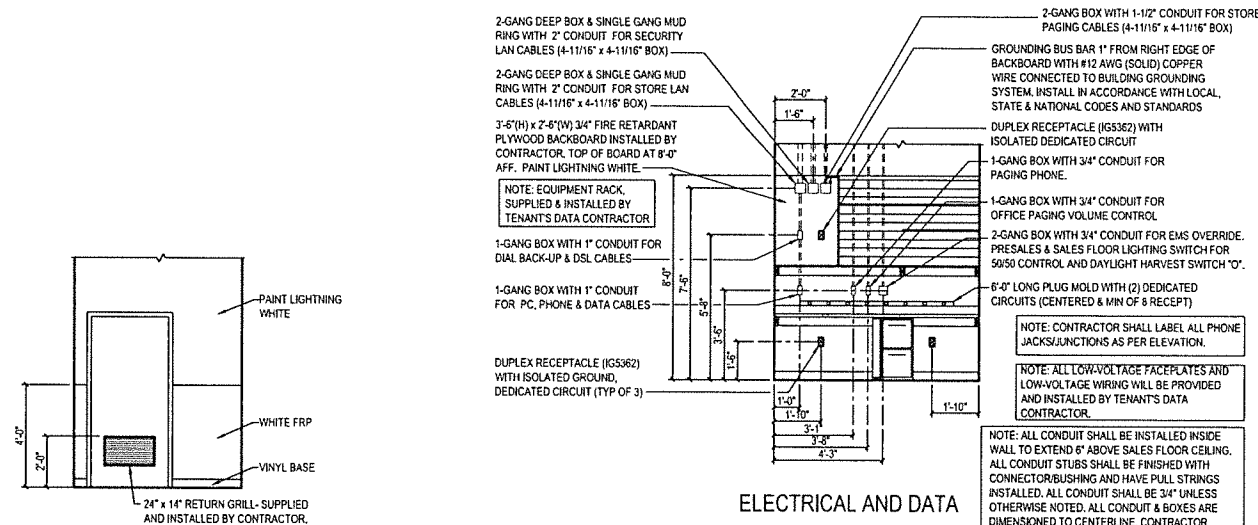


2 SECTION  
A1.3 SCALE: 1 1/2" = 1'-0"

3 NOT USED  
A1.3 SCALE: 1 1/2" = 1'-0"

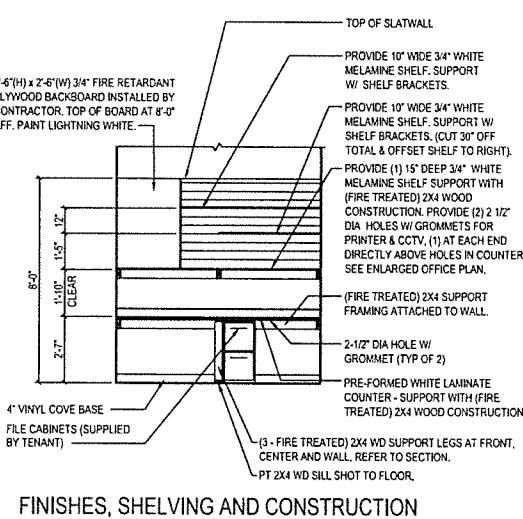


A SHELVING, LOCKER, AND COAT RACK ELEVATION  
A1.3 SCALE: 3/4" = 1'-0"

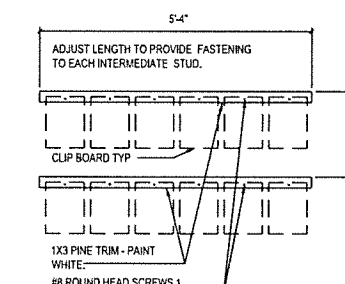


B OFFICE ELEVATION  
A1.3 SCALE: 3/8" = 1'-0"

C OFFICE ELEVATION  
A1.3 SCALE: 3/8" = 1'-0"

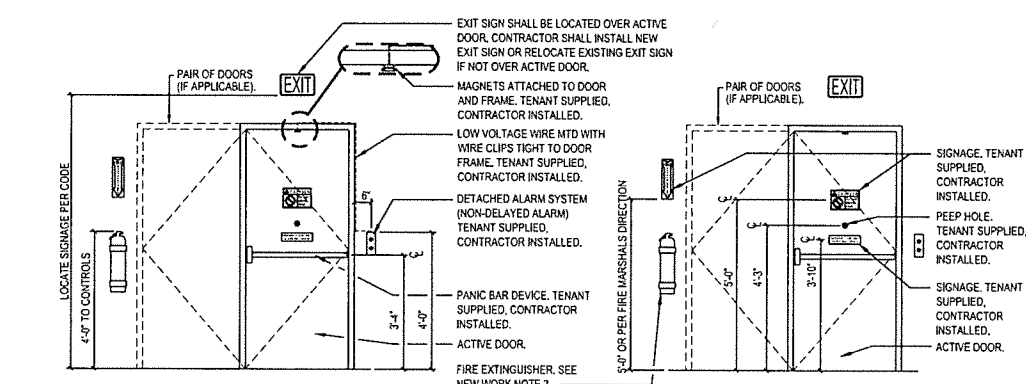


D CLIP BOARD RACK ELEVATION  
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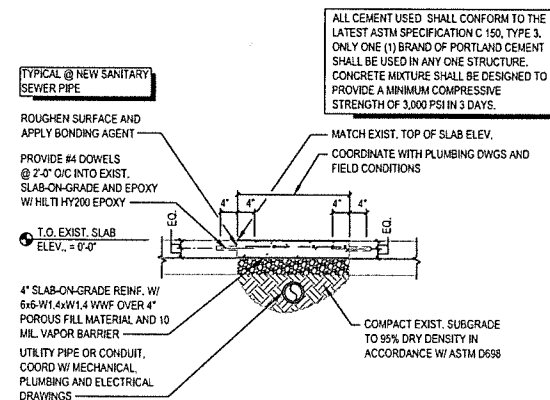


D CLIP BOARD RACK ELEVATION  
A1.3 SCALE: 3/4" = 1'-0"

4 NOT USED  
A1.3 SCALE: 1 1/2" = 1'-0"



E FREIGHT DOOR ELEVATION (EGRESS DOOR SIMILAR)  
A1.3 SCALE: 1/2" = 1'-0"



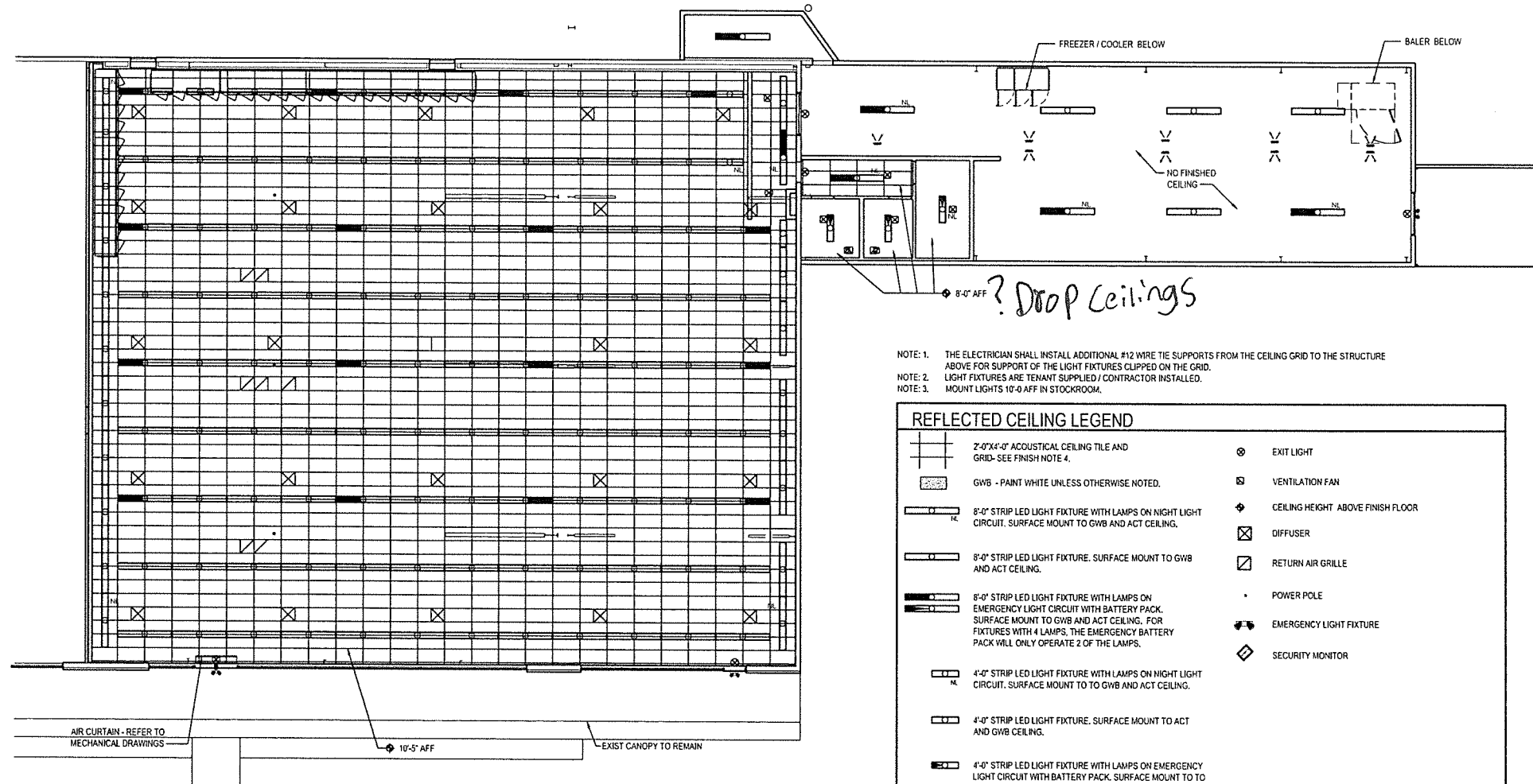
5 SLAB IN-FILL DETAIL  
A1.3 SCALE: 3/4" = 1'-0"

date		project		description	
date		designed		by	
date		checked		mark	
date		checked		revisions	

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**FAMILY DOLLAR**  
 FAMILY DOLLAR STORE, FDS# 605702  
 JONESVILLE, LA  
 ENLARGED PLAN, DETAILS, SECTION AND ELEVATIONS

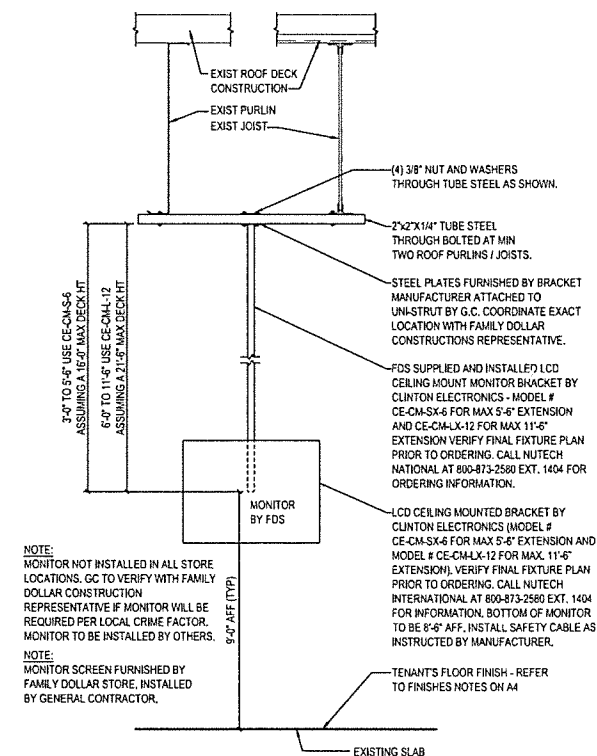
project drawing  
 sheet **A1.3**



- NOTE: 1. THE ELECTRICIAN SHALL INSTALL ADDITIONAL #12 WIRE TIE SUPPORTS FROM THE CEILING GRID TO THE STRUCTURE ABOVE FOR SUPPORT OF THE LIGHT FIXTURES CLIPPED ON THE GRID.  
 NOTE: 2. LIGHT FIXTURES ARE TENANT SUPPLIED / CONTRACTOR INSTALLED.  
 NOTE: 3. MOUNT LIGHTS 10'-0" AFF IN STOCKROOM.

REFLECTED CEILING LEGEND			
	2'-0"X4'-0" ACOUSTICAL CEILING TILE AND GRID- SEE FINISH NOTE 4.		EXIT LIGHT
	GWB - PAINT WHITE UNLESS OTHERWISE NOTED.		VENTILATION FAN
	8'-0" STRIP LED LIGHT FIXTURE WITH LAMPS ON NIGHT LIGHT CIRCUIT. SURFACE MOUNT TO GWB AND ACT CEILING.		CEILING HEIGHT ABOVE FINISH FLOOR
	8'-0" STRIP LED LIGHT FIXTURE. SURFACE MOUNT TO GWB AND ACT CEILING.		DIFFUSER
	8'-0" STRIP LED LIGHT FIXTURE WITH LAMPS ON EMERGENCY LIGHT CIRCUIT WITH BATTERY PACK. SURFACE MOUNT TO GWB AND ACT CEILING. FOR FIXTURES WITH 4 LAMPS, THE EMERGENCY BATTERY PACK WILL ONLY OPERATE 2 OF THE LAMPS.		RETURN AIR GRILLE
	4'-0" STRIP LED LIGHT FIXTURE WITH LAMPS ON NIGHT LIGHT CIRCUIT. SURFACE MOUNT TO TO GWB AND ACT CEILING.		POWER POLE
	4'-0" STRIP LED LIGHT FIXTURE. SURFACE MOUNT TO ACT AND GWB CEILING.		EMERGENCY LIGHT FIXTURE
	4'-0" STRIP LED LIGHT FIXTURE WITH LAMPS ON EMERGENCY LIGHT CIRCUIT WITH BATTERY PACK. SURFACE MOUNT TO TO GWB AND ACT CEILING.		SECURITY MONITOR

REFLECTED CEILING PLAN  
 SCALE: 1/8" = 1'-0"  
 PROJECT NORTH



- NOTE: MONITOR NOT INSTALLED IN ALL STORE LOCATIONS. GC TO VERIFY WITH FAMILY DOLLAR CONSTRUCTION REPRESENTATIVE IF MONITOR WILL BE REQUIRED PER LOCAL CRIME FACTOR. MONITOR TO BE INSTALLED BY OTHERS.  
 NOTE: MONITOR SCREEN FURNISHED BY FAMILY DOLLAR STORE. INSTALLED BY GENERAL CONTRACTOR.
- 3'-0" TO 5'-0" USE CE-CM-SX-6 ASSUMING A 15'-0" MAX DECK HT  
 6'-0" TO 11'-6" USE CE-CM-LX-12 ASSUMING A 21'-0" MAX DECK HT
- EXISTING SLAB
- TENANT'S FLOOR FINISH - REFER TO FINISHES NOTES ON A4
- MONITOR BY FDS
- LCD CEILING MOUNTED BRACKET BY CLINTON ELECTRONICS (MODEL # CE-CM-SX-6 FOR MAX 5'-6" EXTENSION AND MODEL # CE-CM-LX-12 FOR MAX 11'-6" EXTENSION). VERIFY FINAL FIXTURE PLAN PRIOR TO ORDERING. CALL NUTECH INTERNATIONAL AT 800-873-2580 EXT. 1404 FOR INFORMATION. BOTTOM OF MONITOR TO BE 8'-6" AFF. INSTALL SAFETY CABLE AS INSTRUCTED BY MANUFACTURER.
- FDS SUPPLIED AND INSTALLED LCD CEILING MOUNT MONITOR BRACKET BY CLINTON ELECTRONICS - MODEL # CE-CM-SX-6 FOR MAX 5'-6" EXTENSION AND CE-CM-LX-12 FOR MAX 11'-6" EXTENSION. VERIFY FINAL FIXTURE PLAN PRIOR TO ORDERING. CALL NUTECH INTERNATIONAL AT 800-873-2580 EXT. 1404 FOR ORDERING INFORMATION.
- STEEL PLATES FURNISHED BY BRACKET MANUFACTURER ATTACHED TO UNI-STRUT BY G.C. COORDINATE EXACT LOCATION WITH FAMILY DOLLAR CONSTRUCTIONS REPRESENTATIVE.
- 2"x2"x1/4" TUBE STEEL THROUGH BOLTED AT MIN TWO ROOF PURLINS / JOISTS.
- (4) 3/8" NUT AND WASHERS THROUGH TUBE STEEL AS SHOWN.

1 MONITOR DETAIL  
 A2 SCALE: 1" = 1'-0"

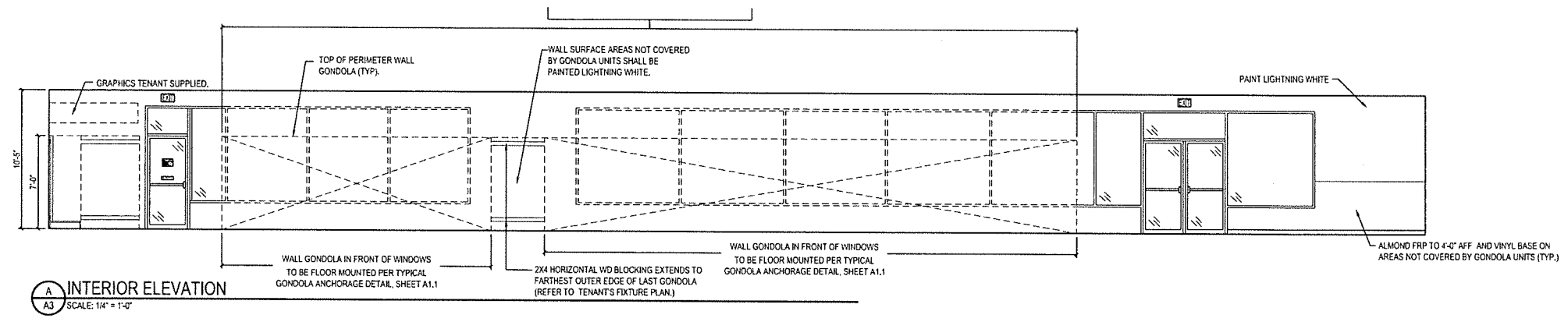
date		project	designed	drawn	checked
02/20/20	2/11/04	BS	BS	BS	DAZ
mark		date	revisions		
description		by			

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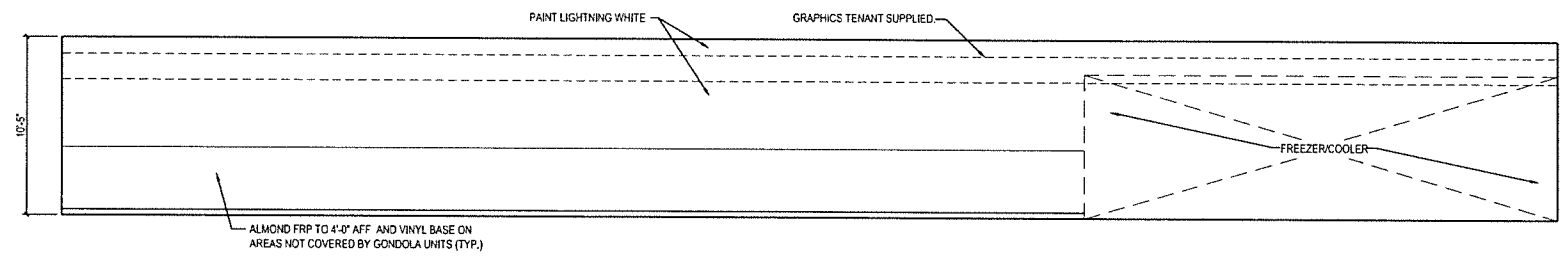
**FAMILY DOLLAR**  
 FAMILY DOLLAR STORE, FDS# 005702  
 JONESVILLE, LA  
 REFLECTED CEILING PLAN AND LEGEND

project drawing

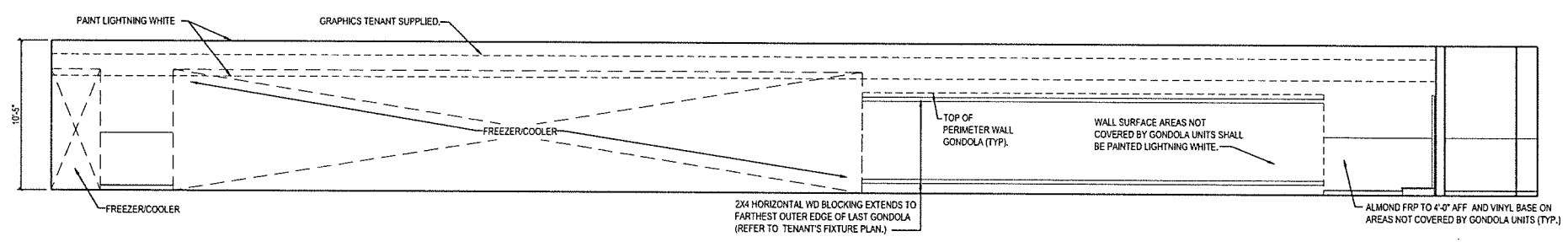
sheet **A2**



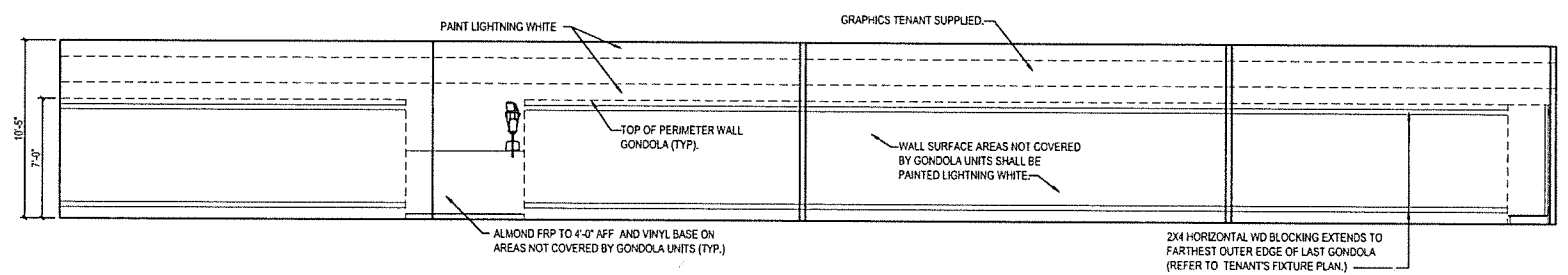
**A** INTERIOR ELEVATION  
A3 SCALE: 1/4" = 1'-0"



**B** INTERIOR ELEVATION  
A3 SCALE: 1/4" = 1'-0"



**C** INTERIOR ELEVATION  
A3 SCALE: 1/4" = 1'-0"



**D** INTERIOR ELEVATION  
A3 SCALE: 1/4" = 1'-0"

date		project	designed	drawn	checked	date	by	description
02/07/20		211-1-0	BS	BS	DAE			

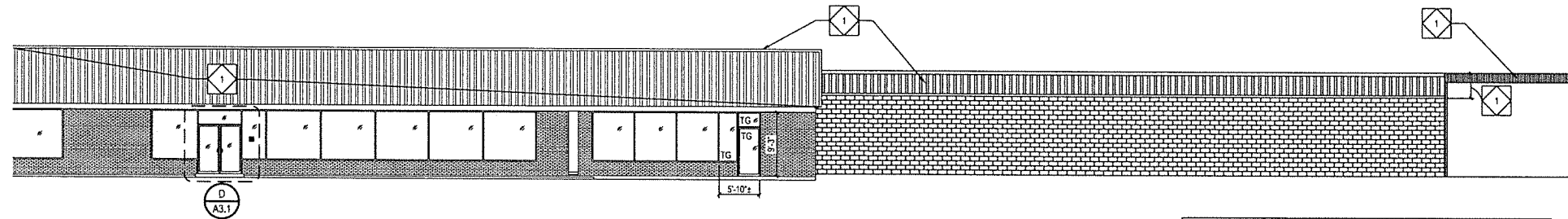
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**FAMILY DOLLAR**  
FAMILY DOLLAR STORE, FDS# 805702  
JONESVILLE, VA  
ELEVATIONS

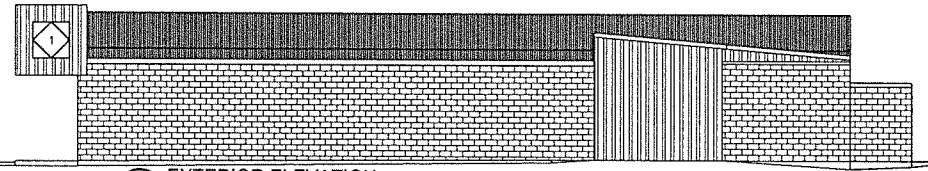
  

project	drawing
sheet	A3



**A** EXTERIOR ELEVATION  
A3.1 SCALE: 1/8" = 1'-0"

NOTE:  
SIGNS, LOCATION, NUMBER AND SIZE ARE NOT APPROVED UNDER THIS BUILDING PERMIT. A SEPARATE SIGN LOCATION PERMIT IS REQUIRED FOR EACH SIGN.

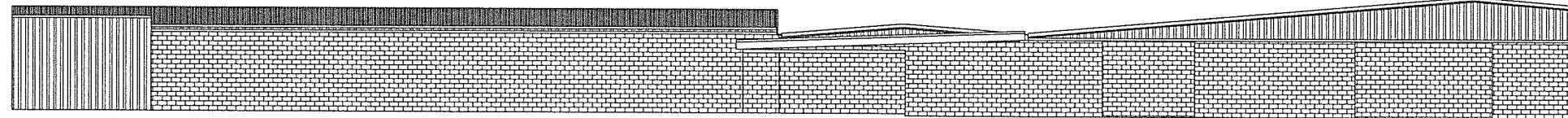


**B** EXTERIOR ELEVATION  
A3.1 SCALE: 1/8" = 1'-0"

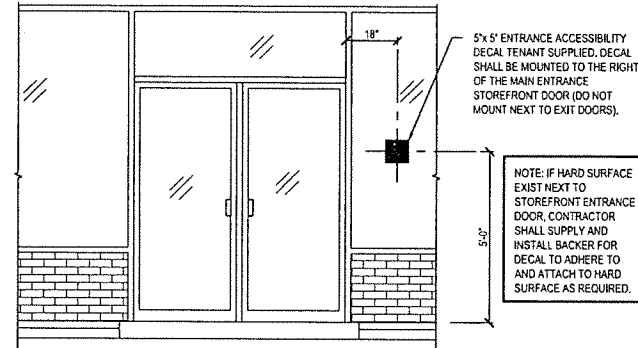
PAINT FACADE PER COLORS NOTED. CONTACT FAMILY DOLLAR CONSTRUCTION PM. PRIOR TO PAINTING.

**1** PAINT:  
SHERWIN WILLIAMS  
"BALANCED BEIGE"  
SW#7037 - SATIN FINISH

NOTES: CONTRACTOR SHALL REMOVE AND DISPOSE OF ANY AND ALL PREVIOUS TENANTS EXTERIOR SIGNAGE LEFT BEHIND. ALL EXISTING MATERIALS TO REMAIN WHICH ARE DAMAGED OR OTHERWISE DISTURBED BY REMOVAL OF PREVIOUS TENANT SIGNAGE SHALL BE PATCHED OR REPAIRED AND PAINTED TO MATCH EXISTING ADJACENT MATERIALS SO THAT THE REPAIR IS IMPERCEPTIBLE. CONTRACTORS SHALL NOT INCLUDE THIS SCOPE OF WORK IN THEIR BID AND WILL BE HANDLED VIA CHANGE ORDER AFTER SITE EVALUATION IS DONE BY WINNING BIDDER. CONTRACTOR SHALL FORWARD THE EVALUATION AND PRICE QUOTE TO THE CONSTRUCTION PM FOR APPROVAL PRIOR TO PERFORMING ANY AND ALL WORK.



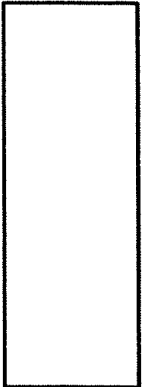
**C** EXTERIOR ELEVATION  
A3.1 SCALE: 1/8" = 1'-0"



**D** ACCESSIBILITY DECAL AT STOREFRONT ENTRANCE  
A3.1 SCALE: 1/2" = 1'-0"

5' x 5' ENTRANCE ACCESSIBILITY DECAL. TENANT SUPPLIED. DECAL SHALL BE MOUNTED TO THE RIGHT OF THE MAIN ENTRANCE STOREFRONT DOOR (DO NOT MOUNT NEXT TO EXIT DOORS).

NOTE: IF HARD SURFACE EXIST NEXT TO STOREFRONT ENTRANCE DOOR, CONTRACTOR SHALL SUPPLY AND INSTALL BACKER FOR DECAL TO ADHERE TO AND ATTACH TO HARD SURFACE AS REQUIRED.



mark	date	description
revisions	by	

date	project	designed	drawn	checked	date
02/28/2023	2711404	BS	BS		

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**FAMILY DOLLAR**  
FAMILY DOLLAR STORE, FDS# 005702  
JONESVILLE, LA  
ELEVATIONS

ROOM #	SPACES	FLOORS	BASES	WALLS	CEILING	NOTES
101	SALES	ENTRY CARPET TILE / LVT	4" VINYL	GWB - PAINT PT-1 / FRP TO 4'-0"	ACT	1,2,4,5,7,9,11,12
102	OFFICE	LVT	4" VINYL	GWB - PT-3	-	2,7,10
103	HALLWAY	LVT	4" VINYL	GWB-PAINT PT-2 / FRP TO 4'-0"	ACT	2,4,5,7
104 & 105	TOILETS	SHEET VINYL	SHEET VINYL	FRP	GWB - PT-3	3,5
106	PRESALES	SEALED CONCRETE / 1/2" PAINTED AROUND PERIMETER, COLOR PT-8	-	EXISTING / GWB	-	2,5,6,8

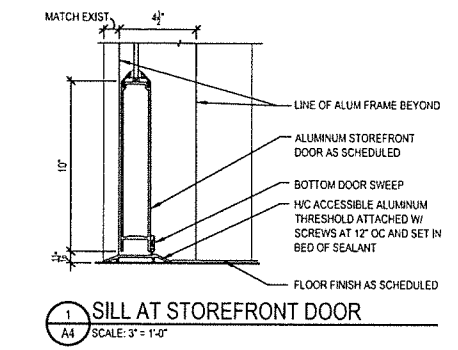
NO.	TYPE	COATS	BENJAMIN MOORE	BM-LOW VOC BASE PRODUCT
PT-1	EGGSHELL	2	"FD BM #2019-70 - LIGHTING WHITE"	SUPER HIDE ZERO VOC LATEX - 357
PT-2	SEM-GLOSS ENAMEL	2	"FD BM #2019-70 - LIGHTING WHITE"	SUPER HIDE ZERO VOC LATEX - 358
PT-3	SEM-GLOSS ENAMEL	2	"FD BM WHITE"	SUPER HIDE ZERO VOC LATEX - 358
PT-7	SEM-GLOSS	2	"FD BM GREY"	TOUGH SHIELD ACRYLIC GLOSS - TY 43
PT-8	SEM-GLOSS	2	"FD BM WHITE"	TOUGH SHIELD ACRYLIC GLOSS - TY 43
PT-9	PRIMER	1	"OFF WHITE"	PRO-CRYL UNIVERSAL ACRYLIC PRIMER - 865100310
PT-9	SATIN FINISH	2	"SW #6087 LRV 37% - TRUSTY TAN"	

- FINISH NOTES**
- CARPET TILE: MANUFACTURED BY PORTICO SYSTEMS AND TENANT SUPPLIED / CONTRACTOR INSTALLED. INSTALL TILES QUARTER TURNED AND PER TENANT'S CRITERIA.
  - VINYL COVE BASE: 4" HIGH TOPSET COVE VINYL - ARMSTRONG, BLACK VINYL BASE ON EXPOSED AREAS ONLY IN SALES ROOM (NOT BEHIND GONDOLAS AND FREEZER / COOLERS). VINYL COVE BASE TO BE LOCATED IN PRESALES AT MOP SINK AND CABINET ONLY UCN.
  - SHEET VINYL: CLASSIC CORLON SERIES MANUFACTURED BY ARMSTRONG - CONNECTION CORLON "PORCELAIN" #88724 OR EQUAL. SHEET VINYL BASE: INTEGRAL 3/8" RADIUS, 6" HIGH COVE BASE W/ COVE STICK AND EXTRUDED ALUMINUM CAP TRIM.
  - PROVIDE 2'-0" X 4'-0" CEILING TILE EQUAL TO ARMSTRONG "CORTEGA" MINIBOARD #769, WHITE, IN A WHITE METAL GRID. (IN AREAS WITH SIGNIFICANT AIR PRESSURE DIFFERENTIALS PROVIDE RETENTION CLIPS TO RETAIN PANELS IN PLACE.)
  - FRP (FIBERGLASS REINFORCED PANEL - GLASSBORO # 85 - WHITE W/ PEBBLED EMBOSSED FINISH, BY CRANE COMPOSITES OR EQUAL): IN TOILET ROOM FROM FLOOR TO 8'-0" AFF SHALL BE WHITE COLOR. FRP TO 8'-0" AFF IN PRESALES BEHIND MOP SINK AND UTILITY CABINET ONLY. FRP IN HALLWAY FROM FLOOR TO 4'-0" AFF BEHIND DRINKING FOUNTAIN ONLY. FRP ON SALES FLOOR (WHERE NOTED ON PLANS/ELEVATIONS) SHALL BE ALMOND COLOR WITH "J" CHANNEL TRIM CAP AND "H" CHANNEL PANEL CONNECTORS.
  - SEALER: CLEAR ACRYLIC SEALER BY MASTERKURE, CC 3005B OR FDS APPROVED SUBSTITUTE.
  - POLISHED CONCRETE FLOOR PER MANUFACTURE SPECIFICATIONS BY TENANT'S VENDOR. COORDINATE WITH TENANT.
  - 12" STRIPE AROUND PERIMETER & AROUND COLUMNS. COLOR: PT-8. BAND SHALL BE PAINTED PRIOR TO PAINTING ANY YELLOW CLEAR FLOOR AREAS.
  - EXPOSED STEEL COLUMNS TO BE PAINTED PT-1. ROUND COLUMNS ARE NOT TO RECEIVE COVE BASE.
  - PROVIDE PREFORMED COUNTER WITH WHITE HIGH PRESSURE LAMINATE FINISH. MOUNT TO WALLS. FLING CABINETS PROVIDED BY TENANT. SEE ENLARGED OFFICE PLAN AND OFFICE ELEVATION.
  - SALES AREA TO RECEIVE LEVEL 4 FINISH. PROVIDE FINISH TO 1'-0" BEHIND FREEZER / COOLER AND GONDOLA. TO FF EVERYWHERE ELSE. CONTRACTOR SHALL ALLOW 72 HOUR CURE TIME.
  - LVT (LUXURY VINYL TILE) VENDOR SUPPLIED / VENDOR INSTALLED.

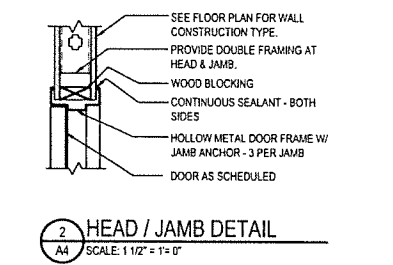
DOOR SCHEDULE										
#	DOORS			DETAILS			FR	HDW NOTES	DOOR NOTES	
	W	H	T	MATERIAL	TYPE	HEAD				JAMB
100	3'-0"	8'-8"	1-3/4"	SOLID CORE WOOD	C	2/A4	2/A4	-	100A	5,14
200	PR 3'-0"	7'-0"	.063"	TEMP. ALUM ALLOY	D	6/A4	7/A4	-	200A	2,5,7,10,12
300	3'-0"	8'-8"	1-3/4"	SOLID CORE WOOD	C	2/A4	2/A4	-	300C	5,6,8,14
400	PR 3'-0"	7'-0"	1-3/4"	EXIST HOLLOW METAL	E	-	-	-	400A	3,4,5,8
500	PR 3'-0"	7'-0"	1-3/4"	EXIST ALUM & GLASS	A	-	-	-	500A	1,3,8,13
501	3'-0"	7'-0"	1-3/4"	ALUM & GLASS	B	-	-	1/A4	500F	3,4,5,8,11

- DOOR NOTES**
- PROVIDE A SIGN POSTED ON THE EGRESS SIDE, ON OR ADJACENT TO THE DOOR STATING: "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED." THE SIGN SHALL BE IN LETTERS 1" HIGH ON A CONTRASTING BACKGROUND.
  - NEW DOORS - SUPPLIED BY TENANT - ELIASON BI-SWING DOORS W/ WINDOW.
  - DOOR, FRAME AND HINGES ARE EXISTING. PROVIDE AND INSTALL ANY MISSING ITEMS OF HARDWARE PER HARDWARE NOTES.
  - PROVIDE (ONE) PEEP HOLE TO VIEW OUT. MOUNT @ 4'-3" AFF.
  - PAINT DOOR AND FRAME W/ WHITE SEMI-GLOSS ENAMEL PAINT.
  - INSTALL TENANT SUPPLIED SIGNAGE PER DETAIL B/A1.2.
  - REINFORCE JAMBS WITH WOOD BLOCKING.
  - CONTRACTOR TO PROVIDE AND INSTALL DOOR SWEEP ON ALL EXTERIOR DOORS TO PREVENT WATER, WIND AND DEBRIS INfiltration.
  - MOUNT TENANT SUPPLIED COAT HOOK AT 48" AFF. ON BACK SIDE OF DOOR.
  - PAINT DOOR FRAME WHITE WITH SEMI-GLOSS ENAMEL PAINT. DOOR TO REMAIN WITH ORIGINAL FINISH.
  - PROVIDE SIGNAGE THAT READS "EMERGENCY EXIT ONLY."
  - PROVIDE SIGNAGE THAT READS "EMPLOYEES ONLY."
  - PROVIDE NYLON WASHER/GROMMETS AT THE DOOR HANDLES AND CRASH BARS TO PREVENT METAL ON METAL CONTACT.
  - ALL DOOR FRAME, CASED OPENING AND HARDWARE MATERIAL WILL BE SUPPLIED BY TENANT. GC IS RESPONSIBLE FOR INSTALLATION.
  - PROVIDE STOREFRONT DOORS, TRANSOM AND THRESHOLD TO MATCH EXIST. PROVIDE SHOP DRAWINGS TO LANDLORD FOR APPROVAL PRIOR TO INSTALLATION.
- HARDWARE NOTES**
- HDW # 100A  
1 1/2" PAIR HINGES: STANDARD WEIGHT  
1 MECHANICAL PUSH BUTTON LOCKSET WITH LEVER HANDLE  
1 CLOSER  
1 FLOOR STOP
- HDW # 200A  
LWP-3 ALUMINUM TRAFFIC DOOR EASY SWING HINGE SYSTEM  
9" X 30" CLEAR ACRYLIC WINDOW  
FLUSH HOLLOW METAL FRAME - DRYWALL
- HDW # 300C  
1 1/2" PAIR HINGES: STANDARD WEIGHT  
1 PRIVACY SET WITH LEVER HANDLE  
1 CLOSER  
(FLOORWALL STOP IF SHIPPED WITH HARDWARE)
- HDW # 400A  
3 PAIR HINGES: 4 1/2" HEAVY WEIGHT, NON-REMOVABLE PINS  
1 NON-ALARMED, NON-KEYED PANIC BAR DEVICE WITH STAND ALONE ALARM REFER TO DOOR ALARM MOUNTING DETAIL  
2 OVERHEAD HOLDERS/STOPS  
2 FLUSH BOLTS (ON INACTIVE LEAF)  
1 DUST PROOF STRIKE  
1 PEEP HOLE  
1 ALUM THRESHOLD (1/2" MAX HEIGHT)  
2 SWEEPS  
1 WEATHER STRIP  
1 RAIN DRIP  
1 ASTRAGAL
- HDW # 500A  
HINGES PER STOREFRONT MANUFACTURER (BY GENERAL CONTRACTOR)  
2 CLOSERS WITH STOP ARM AND DROP PLATE  
2 PUSH PLATES (BY GENERAL CONTRACTOR)  
2 PULL HANDLES (BY GENERAL CONTRACTOR)  
1 KABA CYLINDER (SUPPLIED BY TENANT)  
1 COMMERCIAL GRADE DEADLOCK W/ THUMB URN ON SALES SIDE (BY GENERAL CONTRACTOR)
- NOTE: CONTRACTOR SHALL VERIFY CLOSER DOES NOT HAVE A HOLD-OPEN FEATURE. IF CLOSER DOES, THE CONTRACTOR SHALL REPLACE WITH NEW CLOSER.
- HDW # 500F  
HINGES PER STOREFRONT MANUFACTURER (BY GENERAL CONTRACTOR)  
1 CLOSER WITH STOP ARM AND DROP PLATE  
1 NON-ALARMED, NON-KEYED PANIC DEVICE WITH 2 DROP PLATES WITH STAND ALONE ALARM - REFER TO DOOR ALARM MOUNTING DETAIL  
1 SIGN THAT READS "EMERGENCY EXIT ONLY - ALARM WILL SOUND WHEN OPENED."

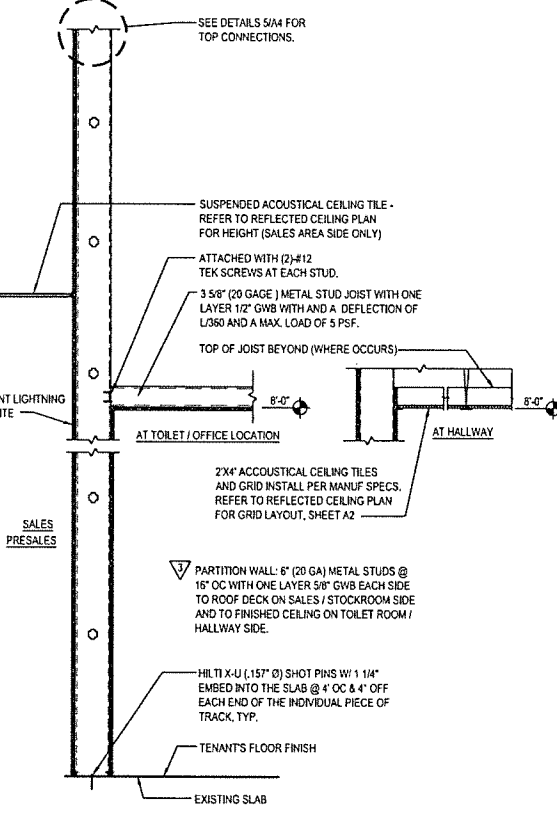
- GENERAL HARDWARE NOTES**
- THRESHOLDS AT EGRESS DOORS SHALL BE NO MORE THAN 1/2" (MAX) HEIGHT AFF.
  - ALL DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34" (MIN) TO 48" (MAX) AFF AND SHALL BE "SINGLE-HANDED" OPERABLE WITHOUT USE OF KEY OR SPECIAL KNOWLEDGE.
  - WHERE EGRESS DOORS ARE USED IN PAIRS, THE UNLATCHING OF THE LEAF SHALL NOT REQUIRE MORE THAN ONE (1) OPERATION AS MENTIONED IN GENERAL HARDWARE NOTE #2 ABOVE.
  - CONTROLS AND OPERATING MECHANISMS SHALL BE LEVER-TYPE (OR EQUAL) PROVIDING OPERATION WITH ONE HAND AND NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST.
  - THE FORCE REQUIRED TO ACTIVATE CONTROLS OF INTERIOR HINGED DOORS SHALL BE NO GREATER THAN 5 POUNDS (22.2 N).
  - DOORS EQUIPPED WITH CLOSERS SHALL BE ADJUSTED SO THAT THE SWEEP PERIOD FROM AN OPEN POSITION OF 70 DEGREES WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH MEASURED FROM THE LEADING EDGE OF THE DOOR.



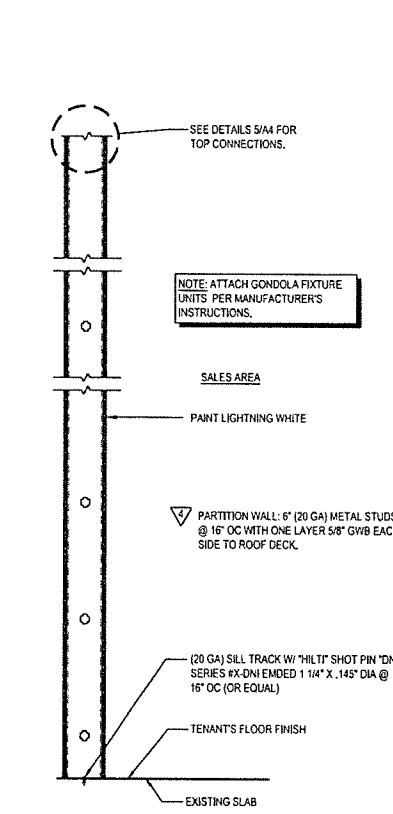
1 SILL AT STOREFRONT DOOR  
SCALE: 3" = 1'-0"



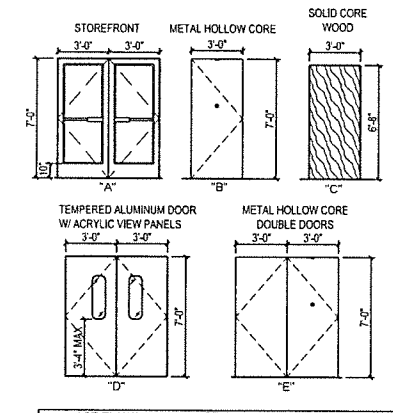
2 HEAD / JAMB DETAIL  
SCALE: 1 1/2" = 1'-0"



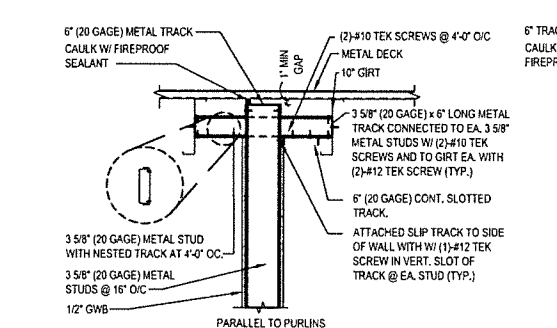
3 WALL SECTION - CONSTRUCTION TYPE: 3  
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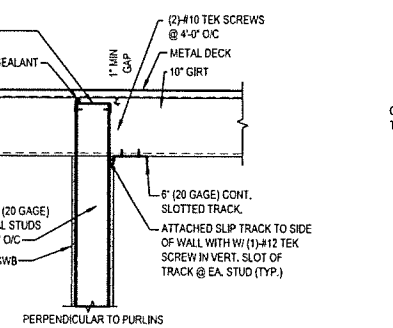
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SCALE: 1" = 1'-0"



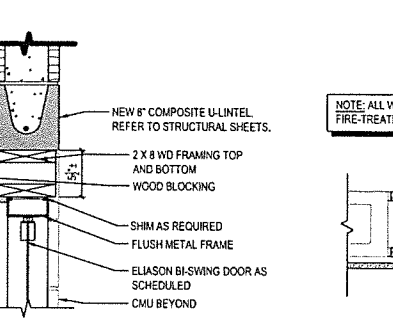
DOOR TYPES  
SCALE: 1/4" = 1'-0"



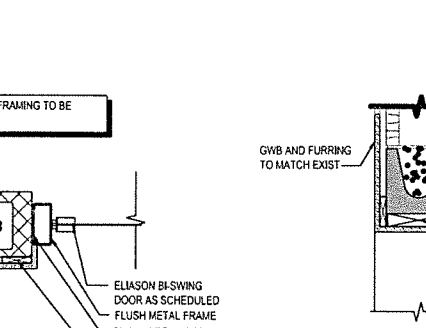
5 DETAIL AT PRESALES WALL  
SCALE: 1" = 1'-0"



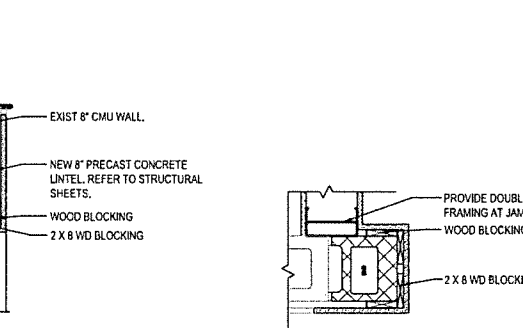
6 HEAD / JAMB DETAIL  
SCALE: 1 1/2" = 1'-0"



7 JAMB DETAIL  
SCALE: 1 1/2" = 1'-0"



8 HEAD / JAMB DETAIL  
SCALE: 1 1/2" = 1'-0"



9 JAMB DETAIL  
SCALE: 1 1/2" = 1'-0"

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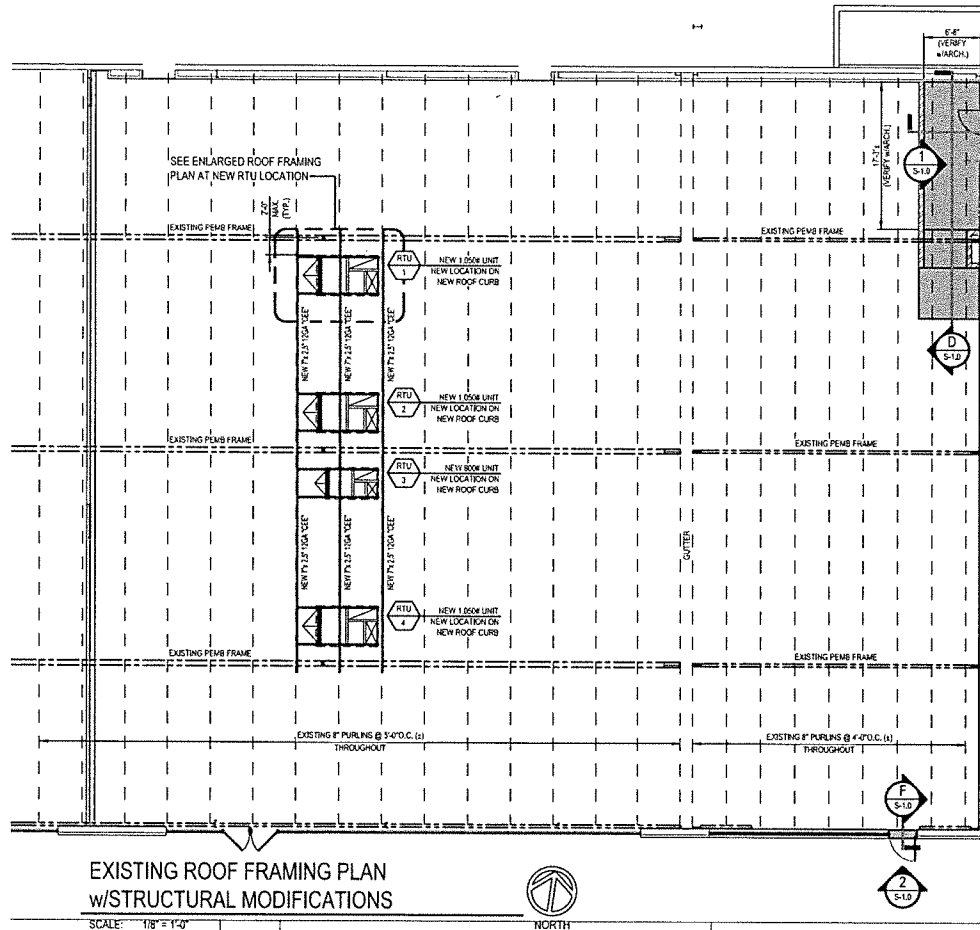
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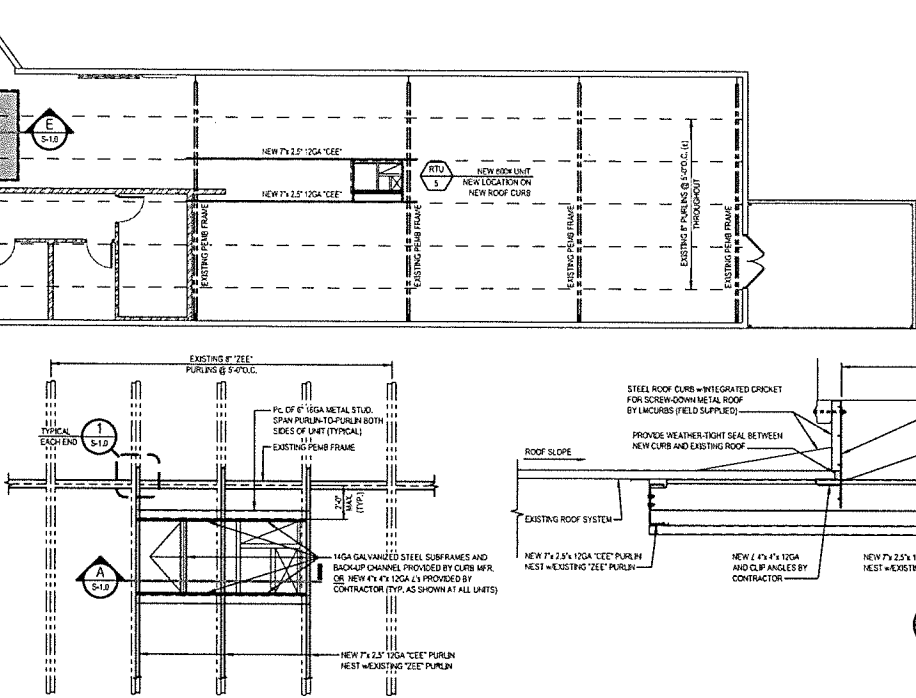
**FAMILY DOLLAR**  
FAMILY DOLLAR STORE, FDS# 805702  
JONESVILLE, LA  
SCHEDULES, NOTES, DETAILS AND SECTIONS

project: drawing: sheet: A4

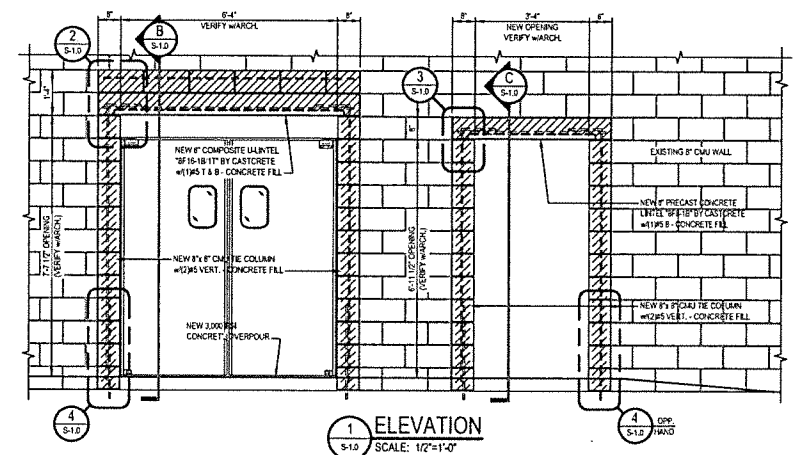
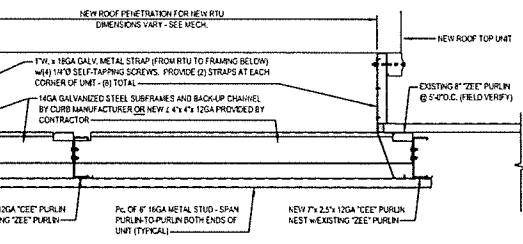
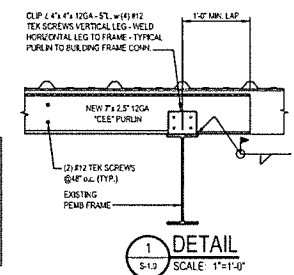




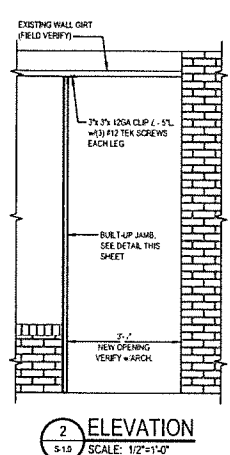
EXISTING ROOF FRAMING PLAN  
w/STRUCTURAL MODIFICATIONS  
SCALE: 1/8" = 1'-0"



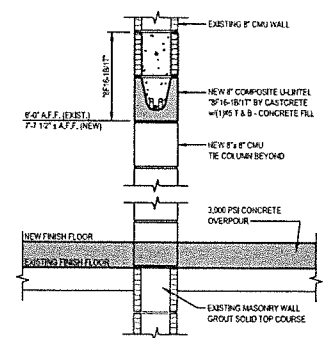
TYPICAL ENLARGED ROOF FRAMING  
PLAN AT NEW RTU LOCATION  
SCALE: 1/4" = 1'-0"



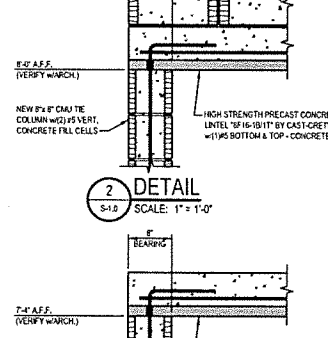
ELEVATION 1  
SCALE: 1/2" = 1'-0"



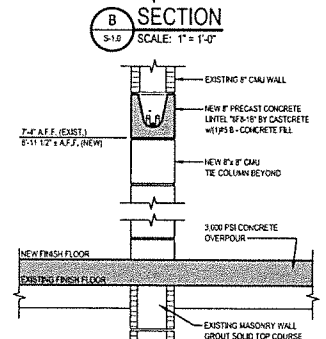
ELEVATION 2  
SCALE: 1/2" = 1'-0"



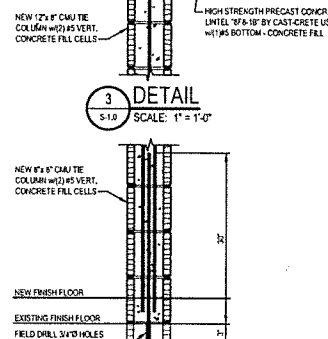
SECTION B  
SCALE: 1" = 1'-0"



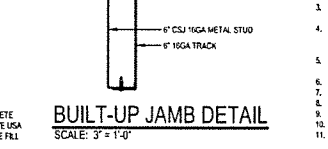
DETAIL 2  
SCALE: 1" = 1'-0"



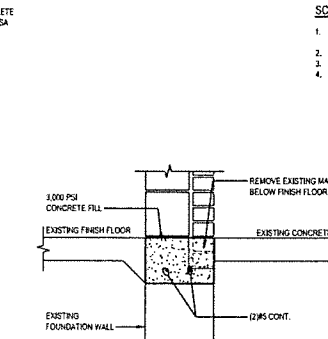
SECTION C  
SCALE: 1" = 1'-0"



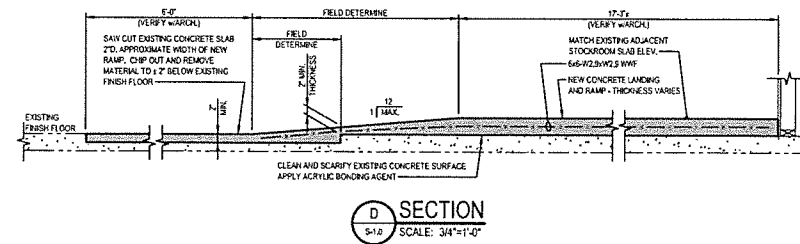
DETAIL 3  
SCALE: 1" = 1'-0"



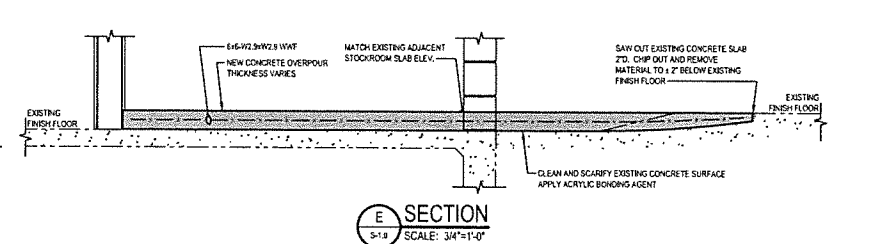
BUILT-UP JAMB DETAIL  
SCALE: 3" = 1'-0"



SECTION F  
SCALE: 1" = 1'-0"



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



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

- STRUCTURAL NOTES:**
- FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO ANY DEMOLITION OR CONSTRUCTION.
  - COORDINATE ALL WORK WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
  - PRIOR TO CMU DEMOLITION, THE EXISTING WALL ABOVE THE OPENING SHALL BE SHORED ON EACH SIDE OF WALL. SHORING SYSTEM TO BE CAPABLE OF SUPPORTING 400 PLF (DEAD LOAD).
  - UPON COMPLETION OF DEMOLITION WORK, CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN ASSUMED CONDITIONS PRIOR TO MAKING ANY NEW STRUCTURAL MODIFICATIONS.
  - ALL MASONRY WORK SHALL CONFORM TO AC308, LATEST EDITION. F<sub>m</sub> = 1500 PSI. USE TYPE S OR N MORTAR.
  - CONCRETE SHALL BE 3000 PSI MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS.
  - REINFORCING STEEL SHALL CONFORM TO ASTM A636, GRADE 60.
  - EPOXY SHALL BE SHAWMUT H-1000 3P OR EQUAL.
  - ALL LIGHT GAUGE METAL FRAMING TO BE 18 GA. MIN.
  - ALL STRUCTURAL STEEL SHALL BE ASTM A36, F<sub>y</sub> = 36 ksi (MIN).
  - ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWS AND SHALL BE PERFORMED BY AWS CERTIFIED WELDERS USING E7018 RODS.
  - ALL WELDS SHALL BE INSPECTED BY AWS CERTIFIED WELDING INSPECTORS.
  - CONTRACTOR SHALL SUPPLY ROOF TOP UNIT CURBS OF APPROPRIATE DIMENSIONS, NEW 7x4x1/2" TO BE USED FOR SUPPORT OF CURBS AND DOWNERS.
  - STRUCTURE DESIGN LOADS: 2015 IBC w/ LOUISIANA AMENDMENTS  
DL = ACTUAL LOAD  
WL = EXPOSURE "0"  
V<sub>100</sub> = 115 mph V<sub>50</sub> = 90 mph  
GROUND SNOW LOAD = 5 psf  
FROST DEPTH = 0"  
BUILDING OCCUPANCY CATEGORY II IMPORTANCE FACTOR 1.0 (1W)  
ENCLOSED BUILDING INTERNAL PRESSURE COEFFICIENT = +0.18 (OCF)  
LL ROOF = 20 psf REDUCED AS ALLOWED BY CODE.
  - SEISMIC DESIGN CRITERIA: SITE CLASS D (ASSUMED) SEISMIC DESIGN CATEGORY B  
S<sub>1</sub> = 0.103  
S<sub>2</sub> = 0.56

- SCOPE OF STRUCTURAL WORK:**
- INSTALL (S) NEW ROOF TOP UNITS (RTU) AT NEW LOCATIONS ON NEW ROOF CURBS. PROVIDE STRUCTURAL STEEL SUPPORT FOR RTU AS SHOWN AND AS SHOWN ON THE PLAN.
  - PROVIDE NEW STRUCTURAL SUPPORT FOR OPENINGS IN EXISTING INTERIOR 8" CMU WALL.
  - PROVIDE NEW CONCRETE LANDING AND RAMP AT INTERIOR OF BUILDING AS SHOWN ON THE PLAN.
  - PROVIDE STRUCTURAL SUPPORT FOR NEW RECESS OPENING AT FRONT EXTERIOR WALL OF BUILDING. PROVIDE NEW CONCRETE THRESHOLD FOR SAME.

- FLOORING NOTES:**
- CONTRACTOR SHALL LEVEL EXISTING INTERIOR SLAB-ON-GRADE TO WITHIN 1/4" PER 10 FEET FLATNESS AND LEVELNESS ACROSS ENTIRE FAMILY DOLLAR SPACE. CONTRACTOR SHALL GRIND ELEVATED SLAB SURFACES SMOOTH AND FILL LOW AREAS AS REQUIRED TO ACHIEVE FLATNESS AND LEVELNESS REQUIREMENTS. CONTRACTOR SHALL USE SKA LEVEL-205 RAPID CEMENTITIOUS SELF-LEVELING COMPOUND OR AN APPROVED EQUAL BY STRUCTURAL ENGINEER OF RECORD TO LEVEL FLOOR. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS PRIOR TO COMMENCING WORK. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
  - CONTRACTOR SHALL FILL EXISTING FLOOR THRESHOLD HOLES, DRAINS AND SIMILAR ITEMS WITHIN THE FAMILY DOLLAR SPACE. DERESSED AND SLOPING FLOOR AREAS SHALL BE FILLED WITH SKA LEVEL-205 RAPID CEMENTITIOUS SELF-LEVELING COMPOUND OR AS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

CLARK, GREE, LATHAM  
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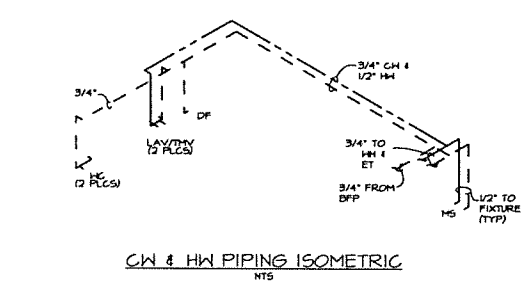
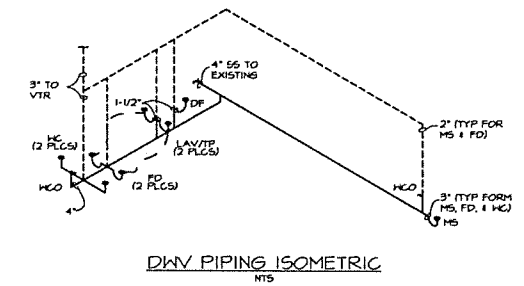
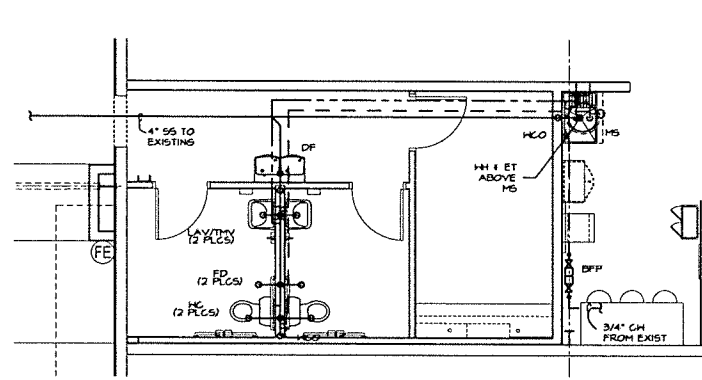
DATE	PROJECT	DESIGNED	DRAWN	CHECKED
02/02/22	211140	TEC/DAB	JLN	TBC
SCALE	DESCRIPTION	BY	DATE	REVISIONS

**RRMM**  
ARCHITECTS, P.C.  
1317 Executive Blvd, Suite 200  
Chesapeake, VA 23320  
(757) 532-2020 Fax: (757) 532-5653

STATE OF LOUISIANA  
THOMAS E. LATHAM  
DESIGN NO. 2956  
PROFESSIONAL ENGINEER  
10/1/2011  
02/01/2022

**FAMILY DOLLAR**  
FAMILY DOLLAR STORE, FDS# 805702  
JONESVILLE, LA  
EXISTING ROOF FRAMING PLAN  
w/STRUCTURAL MODIFICATIONS

MECHANICAL/PLUMBING LEGEND:	
	NEW SUPPLY, RETURN EXHAUST DUCTWORK
	NEW SUPPLY, RETURN EXHAUST ELBOW UP
	NEW SUPPLY, RETURN EXHAUST ELBOW WITH TURNING VANE
	NEW FLEXIBLE DUCTWORK
	EXISTING SUPPLY, RETURN EXHAUST DUCTWORK
	CONNECTION TO EXISTING SERVICE
	CARBON DIOXIDE (CO2) SENSOR
	APPROVED DUCT TYPE SMOKE DETECTOR
	MOTOR OPERATED DAMPER
	EQUIPMENT TAG
	AIR DEVICE TAG
	SUPPLY AIR DIFFUSER
	RETURN/EXHAUST AIR GRILLE
	FIRE DAMPER
	VOLUME DAMPER
	PLUMBING FIXTURE TAG
	PLUMBING SANITARY WASTE BELOW SLAB
	PLUMBING SANITARY WASTE ABOVE SLAB
	PLUMBING VENT
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	NATURAL GAS NEW
	NATURAL GAS (EXISTING)
	AIR CONDITIONING CONDENSATE
	NEW EQUIPMENT COMPONENT (ALL LINE TYPES SH)
	EXISTING EQUIPMENT COMPONENT (ALL LINE TYPES SH)



**FIRE PROTECTION STANDARDS**

THE CONTRACTOR SHALL RETAIN AND PAY FOR A PROFESSIONAL OF RECORD FOR ALL FIRE PROTECTION WORK.

THE DRAWINGS AND ALL SPECIFICATIONS FOR ALL FIRE PROTECTION WORK ARE PERFORMANCE IN SCOPE AND INTENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DESIGN LAYOUT, DETAILS, DRAWINGS, DOCUMENTS, MATERIALS, EQUIPMENT, LABOR, AND ALL CRITERIA TO MEET GOVERNING AUTHORITIES, CODES, REGULATIONS, AND UNDERWRITERS REQUIREMENTS FOR ALL FIRE PROTECTION WORK.

CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS PRIOR TO SUBMITTING BID.

A COMPLETE SET OF ALL REQUIRED DOCUMENTS SHALL BE PREPARED AND SUBMITTED TO THE PROPER AUTHORITIES WITHIN THIRTY (30) DAYS OF CONTRACT AWARD. THE LANDLORD'S DESIGN CRITERIA SHALL BE CONSIDERED PART OF THESE STANDARDS.

ALL FIRE PROTECTION WORK SHALL BE SCHEDULED IN ADVANCE WITH THE LANDLORD'S FIELD REPRESENTATIVE. FIRE PROTECTION SYSTEM SHALL BE FULLY OPERATIONAL WHEN THE CONTRACTOR IS OFF THE SITE.

WHERE CEILING OR CEILING GRIDS ARE EXISTING TO REMAIN OR NEW CEILING ARE INSTALLED AND NEW LIGHTING CONFLICTS WITH THE LOCATION OF EXISTING SPRINKLER HEADS, THE NEW LIGHTING SHALL BE SHIFTED APPROXIMATELY 6" FOR AS REQUIRED TO MAINTAIN CLEARANCE TO SPRINKLER HEADS PER NFPA 13 TO ALLOW THE EXISTING SPRINKLER HEADS TO REMAIN.

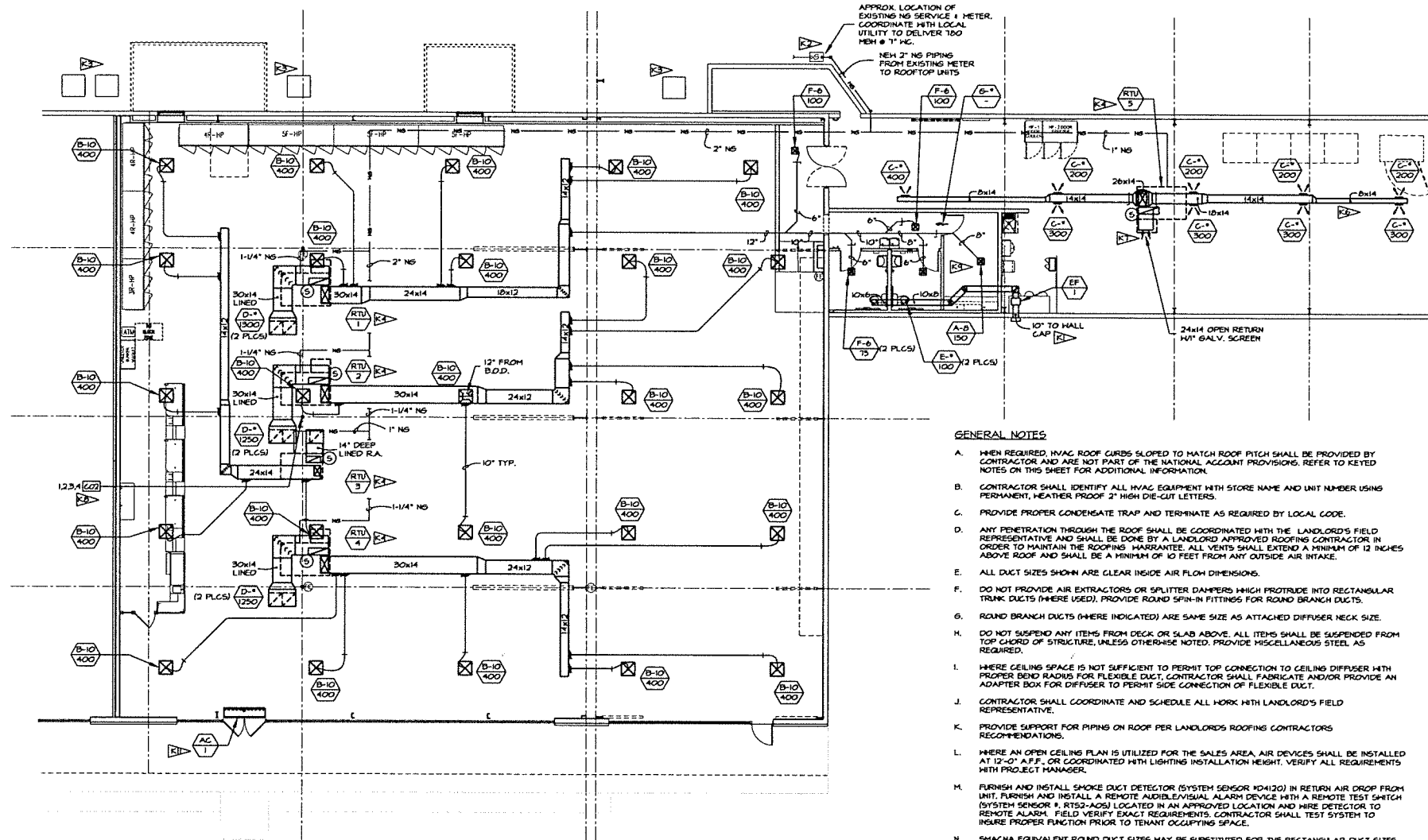
CONTRACTOR SHALL MODIFY EXISTING SPRINKLER PIPING AND HEADS AS REQUIRED FOR REDUCED SPACE.

CONTRACTOR SHALL PROVIDE DRY PENDANT HEADS IN HALL-WALKER COOLER AND FREEZER SECTIONS PER NFPA 13 REQUIREMENTS.

- SITE UTILITIES**
- (FIRE, DOMESTIC WATER, SEWER, GAS, STORM)
- CONTRACTOR SHALL VERIFY POINT OF CONNECTION TO SITE UTILITY SERVICE PRIOR TO COMMENCING INSTALLATION.
  - CONTRACTOR SHALL VERIFY EXISTING SANITARY SEWER INVERT PRIOR TO START OF WORK. IF INVERT CANNOT MEET SLOPE REQUIREMENTS WITH NEW TENANT PIPING, NOTIFY THE GENERAL CONTRACTOR IMMEDIATELY.
  - CONTRACTOR SHALL ADJUST LOCATION AND DEPTH OF BUILDING SERVICES AS REQUIRED TO CONNECT TO SITE UTILITY SERVICE.
  - CONTRACTOR SHALL MAKE FINAL CONNECTION TO SITE UTILITY SERVICE (UNLESS OTHER PROVISIONS HAVE BEEN MADE).
  - CONTRACTOR'S FAILURE TO PROPERLY COORDINATE SERVICES SHALL NOT BE JUSTIFICATION FOR ANY EXTRA CHARGES.

**NOTE: HVAC CONTROLS:** CONTRACTOR SHALL REFER TO THE EM SHEETS FOR INSTALLATION INSTRUCTIONS FOR THE VENDOR FURNISHED CONTRACTOR. INSTALLED HVAC CONTROL SYSTEM AND TEMPERATURE AND CO2 SENSOR LOCATIONS PRIOR TO INSTALLATION OF ALL RELATED ITEMS. PLEASE NOTE THAT EM SHEETS INDICATE ROOF TOP UNITS. PLEASE REFER TO MANUFACTURER'S INSTRUCTIONS FOR SIMPLE STAT WIRING FOR ALL OTHER SYSTEMS. FAILURE TO COMPLY WITH THESE INSTRUCTIONS COULD RESULT IN CONTRACTOR REPLACING SYSTEM WITH NO ADDITIONAL COST TO THE TENANT.

**NOTE: CONTRACTOR:** DUCTWORK SHALL BE SIZED AND INSTALLED AS INDICATED ON CONTRACT DOCUMENTS. NO CHANGES SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM TENANT. FAILURE TO DO SO SHALL RESULT IN CONTRACTOR REMOVING INSTALLED SYSTEM AND REPLACING WITH NEW AS SHOWN AT NO ADDITIONAL COST TO TENANT. MINOR DUCT CHANGES DUE TO EXACT UNIT LOCATIONS OR ORIENTATION SHALL BE ACCEPTABLE.



- GENERAL NOTES**
- WHEN REQUIRED, HVAC ROOF CURBS SLOPED TO MATCH ROOF PITCH SHALL BE PROVIDED BY CONTRACTOR AND ARE NOT PART OF THE NATIONAL ACCOUNT PROVISIONS; REFER TO KEYED NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION.
  - CONTRACTOR SHALL IDENTIFY ALL HVAC EQUIPMENT WITH STORE NAME AND UNIT NUMBER USING PERMANENT, WEATHER PROOF 2" HIGH DIE-CUT LETTERS.
  - PROVIDE PROPER CONDENSATE TRAP AND TERMINATE AS REQUIRED BY LOCAL CODE.
  - ANY PENETRATION THROUGH THE ROOF SHALL BE COORDINATED WITH THE LANDLORD'S FIELD REPRESENTATIVE AND SHALL BE DONE BY A LANDLORD APPROVED ROOFING CONTRACTOR IN ORDER TO MAINTAIN THE ROOFING WARRANTY. ALL VENTS SHALL EXTEND A MINIMUM OF 12 INCHES ABOVE ROOF AND SHALL BE A MINIMUM OF 10 FEET FROM ANY OUTSIDE AIR INTAKE.
  - ALL DUCT SIZES SHOWN ARE CLEAR INSIDE AIR FLOW DIMENSIONS.
  - DO NOT PROVIDE AIR EXTRACTORS OR SPLITTER DAMPERS WHICH PROTRUDE INTO RECTANGULAR TRUNK DUCTS (WHERE USED). PROVIDE ROUND SPIN-IN FITTINGS FOR ROUND BRANCH DUCTS.
  - ROUND BRANCH DUCTS (WHERE INDICATED) ARE SAME SIZE AS ATTACHED DIFFUSER NECK SIZE.
  - DO NOT SUSPEND ANY ITEMS FROM DECK OR SLAB ABOVE. ALL ITEMS SHALL BE SUSPENDED FROM TOP CHORD OF STRUCTURE, UNLESS OTHERWISE NOTED. PROVIDE MISCELLANEOUS STEEL AS REQUIRED.
  - WHERE CEILING SPACE IS NOT SUFFICIENT TO PERMIT TOP CONNECTION TO CEILING DIFFUSER WITH PROPER BOND RADIUS FOR FLEXIBLE DUCT, CONTRACTOR SHALL FABRICATE AND/OR PROVIDE AN ADAPTER BOX FOR DIFFUSER TO PERMIT SIDE CONNECTION OF FLEXIBLE DUCT.
  - CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL WORK WITH LANDLORD'S FIELD REPRESENTATIVE.
  - PROVIDE SUPPORT FOR PIPING ON ROOF PER LANDLORD'S ROOFING CONTRACTOR'S RECOMMENDATIONS.
  - WHERE AN OPEN CEILING PLAN IS UTILIZED FOR THE SALES AREA, AIR DEVICES SHALL BE INSTALLED AT 10'-0" A.F.F. OR COORDINATED WITH LIGHTING INSTALLATION HEIGHT. VERIFY ALL REQUIREMENTS WITH PROJECT MANAGER.
  - FURNISH AND INSTALL SMOKE DUCT DETECTOR (SYSTEM SENSOR M04120) IN RETURN AIR DROP FROM UNIT. FURNISH AND INSTALL A REMOTE AUDIBLE VISUAL ALARM DEVICE WITH A REMOTE TEST SWITCH (SYSTEM SENSOR # RTS2-A05) LOCATED IN AN APPROVED LOCATION AND WIRE DETECTOR TO REMOTE ALARM. FIELD VERIFY EXACT REQUIREMENTS. CONTRACTOR SHALL TEST SYSTEM TO INSURE PROPER FUNCTION PRIOR TO TENANT OCCUPANCY SPACE.
  - SHAWA EQUIVALENT ROUND DUCT SIZES MAY BE SUBSTITUTED FOR THE RECTANGULAR DUCT SIZES INDICATED ON THE PLANS. ALL DUCT INSULATION AND OTHER MATERIALS AND SPECIFICATIONS SHALL BE PER PLANS. EQUIVALENT SIZES SHALL BE NEXT HIGHER STANDARD SIZE FROM DISTILLATOR SIZING (E.G. 14x12 = 15.5 ROUND = USE 14 INCH ROUND). SUBSTITUTION SHALL BE OF NO ADDITIONAL COST OR TIME TO THE TENANT DELIVERY. CONTRACTOR SHALL BEAR ANY COST BURDENS INCURRED FOR DESIGN CHANGES TO PLANS FOR CODES/INSPECTIONS.

- KEYED NOTES**
- EXTEND 10' EXHAUST DUCT THROUGH HALL AND TERMINATE WITH HALL CAP 10'-0" MIN. ABOVE HALLWAY. PAINT HALL CAP TO MATCH ADJACENT SURFACES.
  - NATURAL GAS SERVICE 1/2" METER ARE EXISTING TO REMAIN. PROVIDE AND INSTALL NEW 2" NATURAL GAS PIPING FROM EXISTING METER, UP EXTERIOR OF BUILDING ONTO ROOF AND TO ROOF TOP UNITS AS INDICATED ON PLANS. COORDINATE WITH LOCAL UTILITY TO DELIVER 700 TOTAL MBH @ 7" HC.
  - CONTRACTOR SHALL REMOVE EXISTING HVAC SYSTEMS COMPLETE INCLUDING AIR HANDLING UNIT, CONDENSING UNIT, DIFFUSERS, DUCTWORK, CONTROLS, FANS, ETC. FIELD VERIFY FULL EXTENT OF EXHONLUTION & REPAIR PRIOR TO BID.
  - CONTRACTOR SHALL INSTALL NEW TENANT PROVIDED HVAC UNIT. CONTRACTOR TO PROVIDE ROOF CURB AS INDICATED ON PLANS, SCHEDULES AND NOTES. PROVIDE NEW OPENING AND STRUCTURAL SUPPORT AS SHOWN ON STRUCTURAL DRAWINGS. PROVIDE FULL SIZE DUCT DROPS TO BOTTOM CHORD OF STRUCTURE. CONTRACTOR SHALL PROVIDE AND INSTALL NEW DUCTWORK, CONTROLS, AND ACCESSORIES AS INDICATED ON THE PLANS, SCHEDULES, AND NOTES.
  - CONTRACTOR SHALL OBTAIN A COPY OF ALL PLUMBING SPEC SHEETS PRIOR TO INSTALLATION. CONTRACTOR SHALL ROUGH IN ALL PLUMBING BASED ON THE SPEC SHEET.
  - CONTRACTOR SHALL LOCATE BOTTOM OF STOCK ROOM DUCTWORK TIGHT TO STRUCTURE ABOVE STOCK ROOM FLOOR ABOVE BOTTOM. ANY DEVIATION TO THIS DIMENSION DUE TO INTERFERENCE WITH ANY BUILDING OBSTRUCTIONS SUCH AS STRUCTURE, OVERHEAD DOORS, ETC. SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO FABRICATING THE DUCTWORK.
  - COVER OPEN END OF RETURN DUCT WITH 1" MESH HARDWARE CLOTH IN A REMOVABLE METAL FRAME. SEE DETAIL SHEET M2.
  - TENANT'S CONTRACTOR SHALL INSTALL TENANT VENDOR PROVIDED CO2 SENSOR ON COLUMN AT 6'-0" A.F.F. THIS SENSOR SHALL CONTROL RTU-1, 2, 3 & 4. SEE EM SHEETS FOR MORE INFORMATION.
  - ADJUST DIFFUSER FOR FULL VERTICAL DISCHARGE INTO OFFICE BELOW.
  - REMOVE EXISTING TOILET FIXTURES, DRAINS, PIPING, ETC. COMPLETE. INSTALL NEW TOILETS PER TENANT PLANS. CONNECT NEW TOILETS TO EXISTING COLD WATER SUPPLY AND SANITARY SEWER. ALL EXISTING DRAINS, VENTS, AND SUPPLY PIPING SHALL BE REMOVED, COMPLETE TO ABOVE CEILING, INSIDE WALLS, AND BELOW FINISHED FLOOR AND CAPPED. PIPING REMAINING SHALL NOT INHIBIT THE USE OF PIPING TO REMAIN.
  - CONTRACTOR SHALL INSTALL AIR CURTAIN AND CONTROLS AS INDICATED ON THE PLANS AND SCHEDULE.
  - PRIOR TO START OF WORK, CONTRACTOR SHALL VERIFY EXISTING SANITARY SEWER INTERFACE AND ABILITY TO PROVIDE PROPER SLOPE FROM THE PROPOSED TOILET LOCATION. SHOULD THE INVERT NOT BE ACHIEVABLE, NOTIFY TENANT PROJECT MANAGER IMMEDIATELY.

**NOTE:** RE-IDENTIFY ALL ROOF TOP EQUIPMENT SERVING THE TENANT'S SPACE WITH THE STORE NAME AND THE EQUIPMENT NUMBER ENGRAVED IN 3/8" LAMINATED PLASTIC EQUIPMENT TAGS PERMANENTLY ATTACHED TO THE UNITS IN A VISIBLE LOCATION. DO NOT OBSTRUCT HOUSING PANELS, ETC. REQUIRED FOR MAINTENANCE OR REPAIR.

**DUCTWORK NOTE:** CONTRACTOR SHALL SITE VERIFY EXISTING HVAC UNIT LOCATIONS & POTENTIAL DUCTWORK OBSTRUCTIONS (SPRINKLER LINES, STRUCTURAL BEAMS & JOIST, ETC.) PRIOR TO FABRICATING DUCTWORK. CONTRACTOR SHALL CONTACT THE CDDO CONSTRUCTION PROJECT MANAGER IF CONFLICTS BETWEEN CONSTRUCTION DOCUMENTS & EXISTING CONDITIONS EXIST FOR DIRECTION.

**NOTE: HVAC TEMPERATURE SENSOR:** CONTRACTOR SHALL REFER TO THE TEMPERATURE SENSOR MOUNTING DETAIL FOR PLACEMENT AND INSTALLATION INSTRUCTIONS PRIOR TO INSTALLING.

**NOTE: SPRINKLER SYSTEM IS EXISTING WITHIN TENANT SPACE.** SPRINKLER PIPING SHALL BE MODIFIED TO ACCOMMODATE NEW TENANT LAYOUT IN ACCORDANCE WITH NFPA 13 LANDLORD REQUIREMENTS.

14-321 44321  
date project assigned drawn checked  
1/18/22 44321  
description  
mark date  
revisions

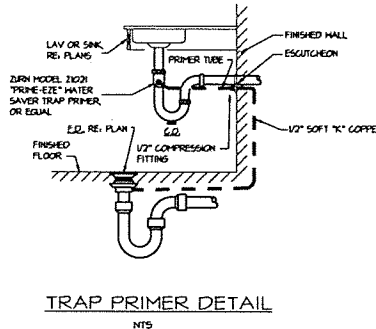
**RRMM ARCHITECTS, PC**  
1317 Executive Blvd, Suite 200  
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(571) 622-2629 / fax (571) 622-6883

**FAMILY DOLLAR**  
FAMILY DOLLAR STORE, FDSH 805702  
JONESVILLE, VA  
HVAC & PLUMBING PLAN  
ISOMETRICS & KEYED NOTES

project drawing sheet  
**MP-1**

ROOFTOP UNIT SCHEDULE (gas heat/elec. cool)																			
RTU PROVIDED BY TENANT FOR INSTALLATION BY CONTRACTOR																			
MARK	MFR/MODEL	DISCHARGE	TONS	ESP	CFM	OUTSIDE AIR		ENTERING AIR		NET COOLING CAPACITY (BTU/H)		HEATING FUEL	HEATING CAPACITY	A/C	ELECTRICAL	MCAV	ACCESSORIES	UNIT HEIGHT (LBS)	
						CFM (MIN)	CFM (MAX)	CONDENSING	SENSIBLE	TOTAL	BTU/H								BTU/H
RTU-1	CARRIER 48KEE000	DOHHFLOH	13	1.0	2900	300	750	80°F DB 67°F WB @ 95°F AMBIENT	43.3	72.2	120	NATURAL GAS	180	140	D3	240/5/60	40,450	13,458.70	1050
RTU-2	CARRIER 48KEE000	DOHHFLOH	13	1.0	2900	300	750	80°F DB 67°F WB @ 95°F AMBIENT	43.3	72.2	120	NATURAL GAS	180	140	D3	240/5/60	40,450	13,458.70	1050
RTU-3	CARRIER 48KEE000	DOHHFLOH	9	1.0	2000	75	525	80°F DB 67°F WB @ 95°F AMBIENT	30.4	46	80	NATURAL GAS	115	123	D3	200/5/60	28,540	13,458.70	800
RTU-4	CARRIER 48KEE000	DOHHFLOH	13	1.0	2900	300	750	80°F DB 67°F WB @ 95°F AMBIENT	43.3	72.2	120	NATURAL GAS	180	140	D3	240/5/60	40,450	13,458.70	1050
RTU-5	CARRIER 48KEE000	DOHHFLOH	8	1.0	2400	350	550	80°F DB 67°F WB @ 95°F AMBIENT	15.2	36.9	120	NATURAL GAS	125	109	D2	200/5/60	38,150	14,587.8	900

- ACCESSORIES PROVIDED AND INSTALLED BY TENANT CONTRACTOR:
- FULL PERIMETER INSULATED ROOF CURB OR ADAPTER CURB AS REQUIRED, SLOPED PER ROOF REQUIREMENTS FOR LEVEL UNIT INSTALLATION
  - DRAIN PAN OVERFLOW SWITCH FOR UNIT SHUT-DOWN
- ACCESSORIES PROVIDED BY TENANT FOR TENANT CONTRACTOR INSTALLATION:
- CO2 DEMAND CONTROL VENTILATION, O.A. MIN. OPEN POSITION SHALL BE THE MIN. AND SHALL MODULATE OPEN UP TO THE MAX. TO MAINTAIN MAXIMUM CO2 LEVELS IN THE BREATHING AREA OF 1000 PPM RELATIVE TO THE O.A. AMBIENT.
  - DIFFERENTIAL ENTHALPY ECONOMIZER WITH BAROMETRIC RELIEF
  - INSTALL EMS CONTROLS PACKAGE
  - LOWERED CONDENSER COIL GUARDS
  - UNIT MOUNTED NON-POWERED HEATHERPROOF 6" G.I. OUTLET
  - UNIT MOUNTED DISCONNECT SWITCH
- NOTE:  
CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STARTUP AND WARRANTY WORK. VERIFY ELECTRICAL POWER PRIOR TO INSTALLING UNITS. FAILURE TO DO SO SHALL RESULT IN CONTRACTOR FURNISHING CORRECT UNITS OR POWER AT NO ADDITIONAL COST TO TENANT. OUTSIDE AIR QUANTITIES BASED ON ASHRAE 62.1-2004 TABLE 6-1 BUILDING AND PEOPLE COMPONENTS FOR AN ENGINEERED VENTILATION SYSTEM EMPLOYING A CO2 MONITORING SYSTEM.



TRAP PRIMER DETAIL  
NTS

VENTILATION AIR CALCULATIONS															
Zone	Unit	Occupancy Category	DOAS / SZ / HZ	Area (sq)	People OA Rate (L/hr/Person)	Area OA Rate (L/m <sup>2</sup> /hr)	Occupant Density (PERSONS/sq)	Occupants	Zone OA Flow (CFM)	Zone Air Distribution Eff.	Zone Outdoor Airflow (Vol./hr)	System Ventilation Eff.	OA Inlet Flow Required (Vol./hr)	Total OA Delivered (CFM)	Unit OA Delivered (CFM)
SALES	RTU-1	RETAIL	SZ	4482	13	0.12	5	142	2205	1.0	2205	0.8	2758	2715	750
	RTU-2														750
	RTU-3														525
	RTU-4														750
STOCK	RTU-5	STORAGE	SZ	2204	0.0	0.12	0	0	264	1.0	264	0.8	338	350	350

PLUMBING FIXTURE SCHEDULE									
PROVIDED BY TENANT'S VENDOR FOR INSTALLATION BY CONTRACTOR									
MARK	FIXTURE TYPE	MFR/ACTUATOR	FIXTURE CONNECTIONS	REMARKS					
				CH	WH	H	V	REMARKS	
B2E	BACKFLOW PREVENTER	WILKINS 47X1/2-AG (LEAD FREE)	LINE SIZE	---	---	---	---	---	REDUCED PRESSURE TYPE, INTEGRAL SHUT-OFF VALVES COMPLYING WITH ASSE 1015. PROVIDE WITH INLET MTE STRAINER AND AIR GAP FITTING
DE	BATH LEVEL HANDCAMP DRINKING FOUNTAIN	ELKAY MODEL NO. EHA6FDL00L NON-REFRIGERATED	1/2"	---	1 1/2"	1 1/2"	---	---	FURNISH STANDARD CABINET FINISH. FOUNTAIN SUPPLY STOP & TUBE DRAIN KIT, AND HALL HANGER FIT
E1	EXPANSION TANK	HATTS MODEL FL-1.5	3/4"	---	---	---	---	---	FURNISH APPROVED PORTABLE WATER EXPANSION TANK, 21 GALLON CAPACITY
E2	FLOOR DRAIN	ZURN MODEL 42H-10-P	---	---	3"	2"	---	---	TYPE "M" STRAINER. PROVIDE WITH COMPLETE BODY ASSEMBLY WITH TRAP PRIMER CONNECTION
ES	FLOOR MTD. HOP SINK	ZURN MODEL 2298-36	1/2"	1/2"	3"	2"	---	---	FURNISH SINK, ZURN MODEL NO. 28-394 SERVICE SINK FAUCET WITH BUILT-IN VACUUM BREAKER, HOSE AND BRACKET, HOP HANGER, AND DRAIN KIT
LAV	HANDCAMP HALL LAVATORY	ZURN MODEL NO. 2544 WITH U-7 6PH FLOW RESTRICTOR, 6"RD DRAIN FAUCET HOLES ON 4" CENTERS	1/2"	1/2"	1 1/2"	1 1/2"	---	---	FURNISH LAVATORY, ZURN 6"RD SERVICE HANGER KIT, SUPPLY STOPS & TUBES, LEAD FREE METERS/FAUCET, HALL HANGER KIT, SUPPLY STOPS & TUBES, DRAIN AND ADA TYPING PROTECTION
ISV	MIXING VALVE	STYMONS MODEL 7-225-GK-F	1/2"	1/2"	---	---	---	---	1/2" THERMED OUTLET, MAX OUTLET TEMP. 100°F IN ACCORDANCE WITH ASPE, AS201, ASSE 1011 AND 1012, AND NSF/ANSI 61 & 372.
IS	TRAP PRIMER (AUTOMATIC)	SACON CHEF MODEL NO. 815-OR WATER SAVING TRAP PRIMER	1/2"	---	---	---	---	---	PROVIDE WITH DISTRIBUTION KIT AS REQUIRED
IS	HANDCAMP WATER CLOSET	ZURN MODEL 25540 ET H ELONGATED PRESSURE ASSIST 1.6 G.P.P.	1/2"	---	3"	2"	---	---	FURNISH ADA CLOSET & TANK, ADA OPEN FRONT SEAT, SELF SUSTAINING HINGE, FLOOR FLANGE, CLOSET BOLT & CAPS, MAX RING, SUPPLY STOP & TUBE, FLUSH CONTROL MUST BE LOCATED ON THE INACCESSIBLE SIDE OF THE H.C. (SIDE OPPOSITE THE HALL)
ISG	HALL CLEANOUT	ZURN MODEL 42-H46	---	---	LINE SIZE	---	---	---	RAISED HEADPLUS POLISH S.S. COVER & VANDAL PROOF SCREW
IS	ELECTRIC WATER HEATER	DRAYFORD WHITE MODEL NO. RES108 WITH GATEY 3407M DRAIN PAN AND ZURN WR10 VACUUM RELIEF VALVE	3/4"	3/4"	---	---	---	---	FURNISH 10 GALLON SHORT WATER HEATER, DOVNH. 2200V IN ELEMENT WITH T 1 P RELIEF VALVE AND INTEGRAL HEAT TRAPS

NOTE:  
INSTALL ALL PLUMBING FIXTURES TO BE FULLY ACCESSIBLE TO INDIVIDUALS WITH DISABILITIES IN ACCORDANCE WITH LATEST ISSUE OF THE AMERICANS WITH DISABILITIES ACT AND ALL CURRENT STATE AND LOCAL CODES. - PROVIDING ACCESSIBILITY AND USABILITY FOR PHYSICALLY HANDICAPPED PEOPLE AND/OR GOVERNING CODES. - ALL PLUMBING FIXTURES EQUIPMENT, TRIM, & FITTINGS SHALL COMPLY WITH LOCAL, STATE AND FEDERAL REGULATIONS AND CODES, INCLUDING BUT NOT LIMITED TO WATER AND ENERGY CONSERVATION CODES. THE SCHEDULED AND/OR SPECIFIED PLUMBING FIXTURES AND EQUIPMENT REPRESENT THE MINIMUM CRITERIA AND SHALL BE THE BASIS FOR THE CONTRACTOR'S BASE BID. IF THE SCHEDULED OR SPECIFIED FIXTURES OR EQUIPMENT DO NOT COMPLY WITH GOVERNING CODES OR REGULATIONS IN ALL RESPECTS, THE CONTRACTOR SHALL PROVIDE AN ALTERNATE BID FOR CORRECTING FIXTURES, EQUIPMENT, TRIM, OR FITTINGS. THE ASSIGNEE OF AN ALTERNATE BID SHALL BE CONSIDERED TO MEAN THAT THE CONTRACTOR'S BID INCLUDES ALL COSTS NECESSARY TO MEET ALL REGULATIONS & CODES. ALL PIPING AND VALVES BELONG LAVATORY SHALL BE INSULATED WITH PPG LAY GUARDS AND CONFIGURED TO PROTECT AGAINST CONTACT PROVIDED WITH LAY KIT. THESE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORY.

EXHAUST FAN SCHEDULE									
CONTRACTOR PROVIDED, CONTRACTOR INSTALLED									
MARK	MFR/MODEL	CFM	RPM	ESP IN. HG.	MOTOR HP	ELECTRICAL V / PH / HZ	ACCESSORIES		
EF-1	TOURNAIR BARRON CASHIDA	200	1534	0.50	7/8	115 V / 1 PH / 60	1, 2, 3, 4, 5, 7		

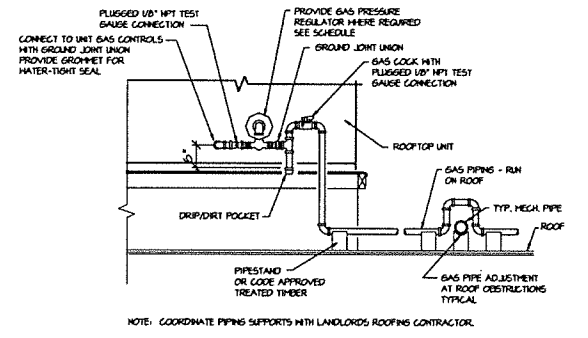
ACCESSORY OPTIONS:  
 1. GALVANIZED HALL CAP WITH INSECT SCREEN  
 2. BACKDRIFT DAMPER  
 3. FUSE DISCONNECT  
 4. SPEED CONTROLLER  
 5. VENTILATION ISOLATION HOIST KIT  
 6. CONTROLLED BY LINE VOLTAGE THERMOSTAT TO START FAN AT 80°F AND STOP FAN AT 70°F.  
 7. FAN SHALL BE INTERLOCKED WITH MOTION SENSOR.  
 8. 27V TRANSFORMER.

GRILLE, REGISTER & DIFFUSER SCHEDULE									
CONTRACTOR PROVIDED, CONTRACTOR INSTALLED									
MARK	MFR	MODEL	MATERIAL	DEVICE SIZE	MOUNTING	TYPE			
A	GRILLE	15000A	STEEL	12" X 12"	LAY-IN	SUPPLY			
B	GRILLE	15000	STEEL	24" X 24"	LAY-IN	SUPPLY			
C	GRILLE	15000	STEEL	12" X 12"	DUCT	SUPPLY			
D	GRILLE	15000	ALUMINUM	24" X 24"	LAY-IN	RETURN			
E	GRILLE	15000	STEEL	8" X 8"	SURFACE	EXHAUST			
F	GRILLE	15000	STEEL	12" X 12"	LAY-IN	SUPPLY			
G	GRILLE	15000	ALUMINUM	24" X 24"	SURFACE	DOOR GR			

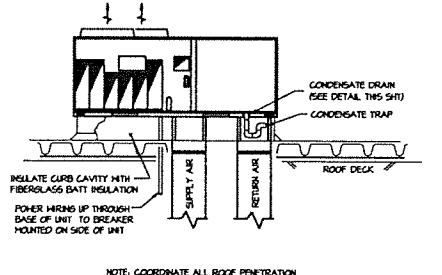
NOTE: PROVIDE TYPE C DIFFUSERS WITH DAMPERS.

AIR CURTAIN SCHEDULE									
PROVIDED BY TENANT FOR INSTALLATION BY CONTRACTOR									
MARK	MFR/MODEL	OUTLET VELOCITY (FT/M)	VELOCITY @ 20" BELOW (FT/M)	CFM	HEATING CAPACITY BTU/H	ELECTRICAL V / PH / HZ	ACCESSORIES		
AC-1	POWERED AIRE EYE-2-12	3362	184	1960	-	120V/60	1, 2, 3, 4, 5, 7, 8		

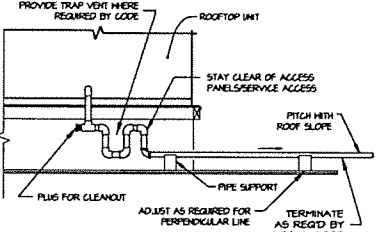
ACCESSORY OPTIONS:  
 1. MEETS ECG BUILDING CODE ALLOWING APCA CERTIFIED AIR CURTAIN IN LIEU OF VESTIBULE  
 2. PROVIDE TWO DOOR SWITCHES AND DELAY TIMER TO 30 SECONDS  
 3. PROVIDE WITH THERMOSTAT AND THE DELAY RELAY  
 4. REMOTE MOUNTED VARIABLE SPEED ON/OFF SWITCH  
 5. SHIELD POINT POWER CONNECTION  
 6. CLEANABLE MESH HEPA FILTERS  
 7. E2 PROVIDE DISCONNECT SWITCH, DISCONNECT SWITCH AND WIRING TO BE CONCEALED  
 8. MOUNT UNIT WITH CONCEALED FASTENERS. PROVIDE TRIM/CHAMFER BRACKET AS REQUIRED.  
 9. INSTALL BOTTOM OF CURTAIN 2 INCHES ABOVE TOP OF DOOR (86" ± AFF)



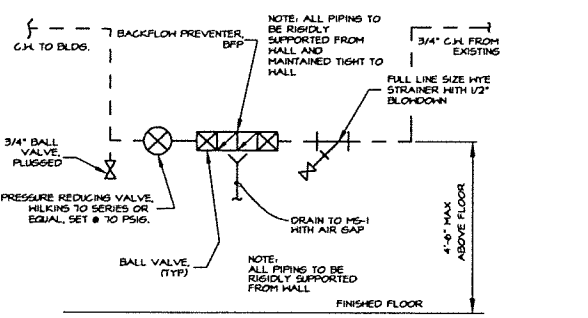
ROOFTOP UNIT GAS PIPING DETAIL  
NTS



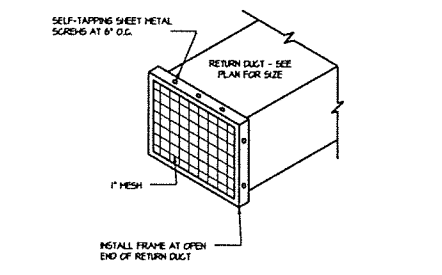
TYPICAL ROOFTOP UNIT INSTALLATION  
NTS



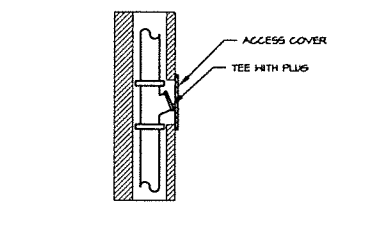
ROOFTOP UNIT CONDENSATE PIPING DETAIL  
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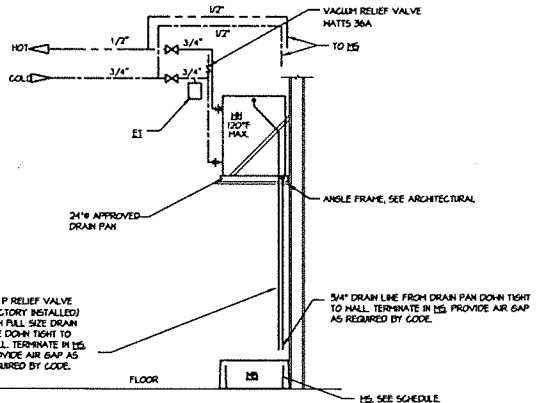
BACKFLOW PREVENTER DETAIL  
NTS



REMOVABLE METAL FRAME DETAIL  
NOT TO SCALE



TYPICAL WALL CLEANOUT DETAIL  
NTS

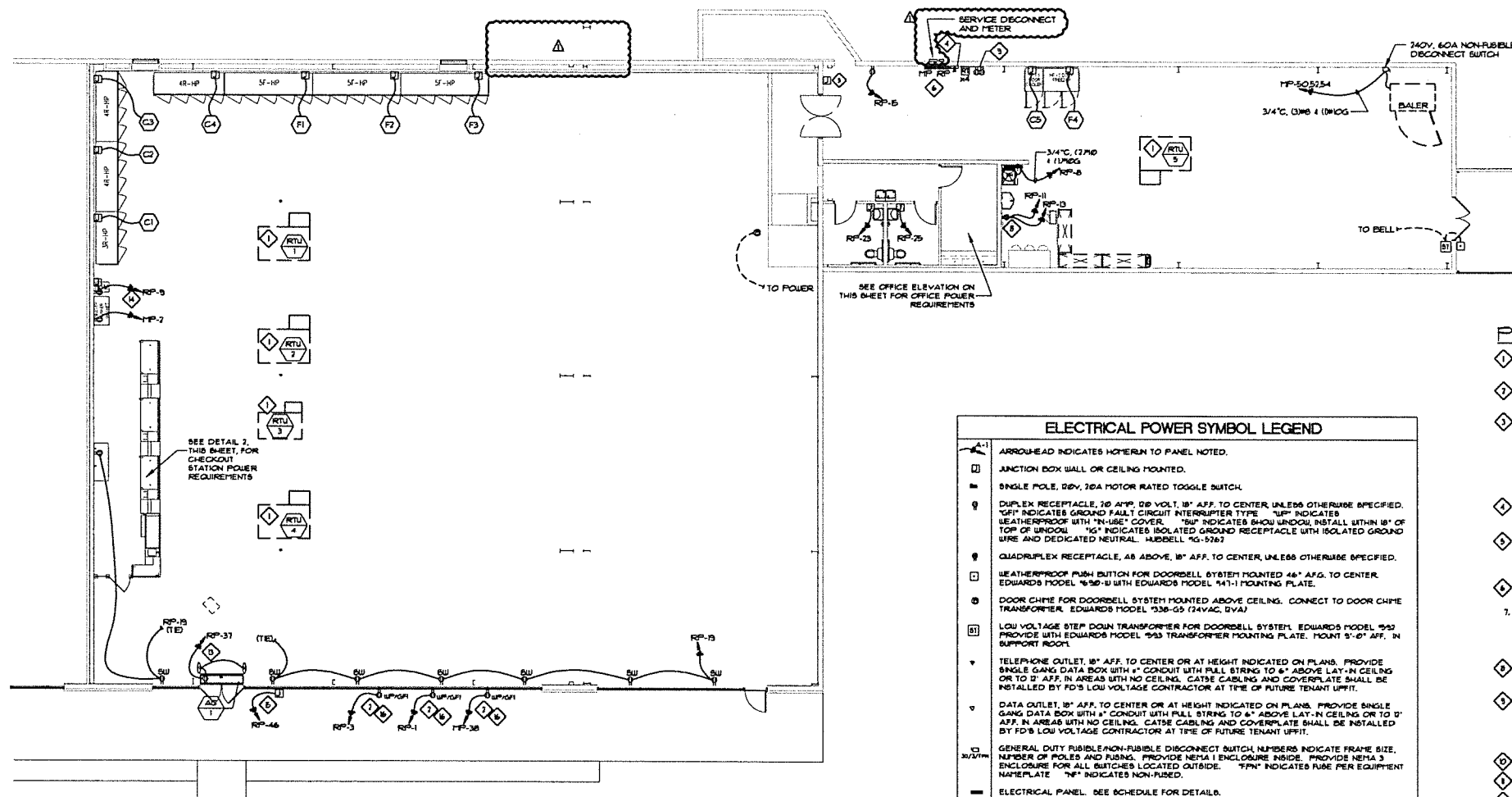


WATER HEATER DETAIL  
NOT TO SCALE

131321 44331  
 date project designed drawn checked  
 mark date revisions  
 description  
 by  
 date  
 mark  
 date  
 revisions  
 RRRM ARCHITECTS, PC  
 1317 Executive Blvd., Suite 200  
 Chesapeake, VA 23320  
 (757) 622-1828 / fax (757) 622-5683  
 FAMILY DOLLAR  
 FAMILY DOLLAR STORE, FDS# 805702  
 JONESVILLE, VA  
 SCHEDULES & DETAILS  
 project drawing  
 sheet  
 MP-2







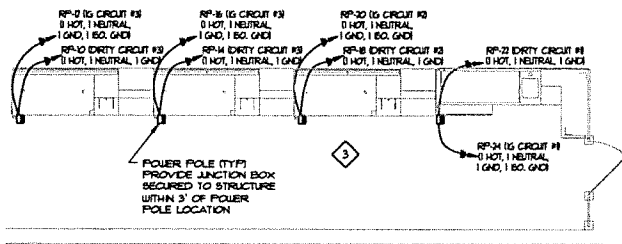
### ELECTRICAL POWER SYMBOL LEGEND

- ▲-1-1 ARROW-HEAD INDICATES HOT/IRIN TO PANEL NOTED.
- JUNCTION BOX WALL OR CEILING MOUNTED.
- SINGLE POLE, 20V, 20A MOTOR RATED TOGGLE SWITCH.
- ⊕ DUPLEX RECEPTACLE, 10 AMP, 120 VOLT, 18" AFF. TO CENTER, UNLESS OTHERWISE SPECIFIED. "GF" INDICATES GROUND FAULT CIRCUIT INTERRUPTER TYPE. "W" INDICATES WEATHERPROOF WITH "N-USE" COVER. "SU" INDICATES SHOW UNIFORM WITHIN 18" OF TOP OF UNIFORM. "IG" INDICATES ISOLATED GROUND RECEPTACLE WITH ISOLATED GROUND WIRE AND DEDICATED NEUTRAL. "MDELL" "G-5367"
- ⊕ QUADRUPLX RECEPTACLE, AS ABOVE, 18" AFF. TO CENTER, UNLESS OTHERWISE SPECIFIED.
- ⊕ WEATHERPROOF PUSH BUTTON FOR DOORBELL SYSTEM MOUNTED 48" AFF. TO CENTER. EDWARDS MODEL #936-B WITH EDWARDS MODEL #41-1 MOUNTING PLATE.
- ⊕ DOOR CHIME FOR DOORBELL SYSTEM MOUNTED ABOVE CEILING. CONNECT TO DOOR CHIME TRANSFORMER. EDWARDS MODEL #336-G5 (24VAC, 2VA)
- ⊕ LOW VOLTAGE STEP DOWN TRANSFORMER FOR DOORBELL SYSTEM. EDWARDS MODEL #932 PROVIDE WITH EDWARDS MODEL #933 TRANSFORMER MOUNTING PLATE. MOUNT 5'-0" AFF. IN SUPPORT ROOM.
- ⊕ TELEPHONE OUTLET, 18" AFF. TO CENTER OR AT HEIGHT INDICATED ON PLANS. PROVIDE SINGLE GANG DATA BOX WITH 4" CONDUIT WITH PULL STRING TO 6" ABOVE LAY-IN CEILING OR TO 12" AFF. IN AREAS WITH NO CEILING. CAT5 CABLES AND COVERPLATE SHALL BE INSTALLED BY FD'S LOW VOLTAGE CONTRACTOR AT TIME OF FUTURE TENANT UPIIT.
- ⊕ DATA OUTLET, 18" AFF. TO CENTER OR AT HEIGHT INDICATED ON PLANS. PROVIDE SINGLE GANG DATA BOX WITH 4" CONDUIT WITH PULL STRING TO 6" ABOVE LAY-IN CEILING OR TO 12" AFF. IN AREAS WITH NO CEILING. CAT5 CABLES AND COVERPLATE SHALL BE INSTALLED BY FD'S LOW VOLTAGE CONTRACTOR AT TIME OF FUTURE TENANT UPIIT.
- ⊕ GENERAL DUTY FUSIBLE/NON-FUSIBLE DISCONNECT SWITCH. NUMBERS INDICATE FRAME SIZE, NUMBER OF POLES AND FUSING. PROVIDE NEMA 1 ENCLOSURE INSIDE. PROVIDE NEMA 3 ENCLOSURE FOR ALL SWITCHES LOCATED OUTSIDE. "FPM" INDICATES FUSE PER EQUIPMENT NAMEPLATE. "NF" INDICATES NON-FUSIBLE.
- ⊕ ELECTRICAL PANEL. SEE SCHEDULE FOR DETAILS.
- ⊕ ELECTRIC UTILITY METER LOCATION.
- ⊕ EXTERIOR LED LIGHT FIXTURE.
- ⊕ DUCT MOUNTED SMOKE DETECTOR.
- ⊕ WATER HEATER. PROVIDE DISCONNECTING MEANS AS REQUIRED.

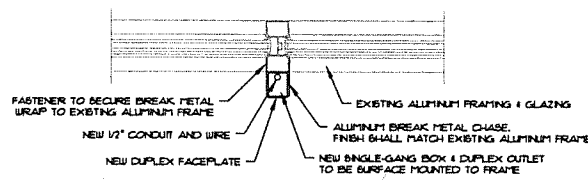
- ### POWER PLAN NOTES:
1. INSTALL AND/OR CONNECT UP/AC/DC RECEPTACLE AT HVAC UNIT AS REQUIRED. CONNECT TO CIRCUIT RP-5. UNIT MAY BE SUPPLIED WITH UN-USED RECEPTACLE BUILT-IN.
  2. PROVIDE DEDICATED 20V, 20A, GF, WEATHERPROOF EXTERIOR RECEPTACLE RECESSED IN WALL WITH FACE FLUSH WITH EXTERIOR WALL. PROVIDE WITH "N-USE" COVERS.
  3. PROVIDE FOUR (4) DEDICATED ISOLATED GROUND CIRCUITS AND FOUR (4) DIRTY CIRCUITS FOR FUTURE GAIN STATIONS. CIRCUITS SHALL BE TERMINATED TO JUNCTION BOXES SECURED TO STRUCTURE. CONFIRM LOCATION OF JUNCTION BOXES WITH FD SITE SPECIFIC FUTURE PLAN PRIOR TO BEGINNING CONSTRUCTION. POWER POLES ARE FURNISHED WITH CHECKOUT COUNTERS. JUNCTION BOXES SHALL BE LOCATED WITHIN 3' OF POWER POLE LOCATIONS. LABEL ALL JUNCTION BOXES WITH CIRCUIT NUMBER AND DESCRIPTION AS SHOWN IN PANEL SCHEDULE. ALL DIRTY AND ISOLATED GROUND (IG) CIRCUITS SHALL HAVE DEDICATED NEUTRALS. DO NOT SHARE NEUTRALS.
  4. ENERGY MANAGEMENT SYSTEM (EMS). CONTRACTOR SHALL REFER TO E-3 SHEETS FOR INSTRUCTION AND RESPONSIBILITIES FOR INSTALLING TENANT SUPPLIED ENERGY MANAGEMENT SYSTEM (EMS) PRIOR TO BOOKING AND INSTALLATION.
  5. PROVIDE SINGLE GANG JUNCTION BOX MOUNTED NEXT TO RECEIVING DOOR FOR PAGING PHONE. EC SHALL MOUNT JUNCTION BOX IN WALL AT 48" AFF WITH 3/4" CONDUIT WITH PULL STRING UP IN WALL TO 13'-0" AFF. PAGING SYSTEM SHALL BE VENDOR SUPPLIED AND VENDOR INSTALLED.
  6. ALL PANELBOARDS SHALL HAVE FIELD-APPLIED HAZARD MARKINGS INSTALLED PER 284 NEC 802.1 (B).
  7. FC CABLE IS ALLOWED AS BUILDING STANDARD WHERE LOCAL CODE JURISDICTION WILL ALLOW. ALL FC CABLE SHALL BE RUN OVERHEAD AND IN A NEAT AND ORGANIZED FASHION. WHERE CODE DOES NOT ALLOW FC CABLE, EMT SHALL BE USED. ALL EXPOSED CABLE AND CONDUIT SHALL BE RUN TIGHT TO CEILING CONSTRUCTION AND CONCEALED FROM VIEW WHEREVER POSSIBLE.
  8. THE QUAD RECEPTACLE SHOWN IS ACTUALLY MADE UP OF TWO DUPLEX RECEPTACLES WITH THE TWO CIRCUITS SHOWN. MOUNT RECEPTACLE AT 18" AFF. COORDINATE LOCATION WITH FUTURE PLAN.
  9. PROVIDE (2) TWO DEDICATED ISOLATED GROUND RECEPTACLES WITH ISOLATED GROUNDING CONDUCTOR BACK TO SERVICE GROUND. RECEPTACLES SHALL BE SURFACE MOUNTED AT COMMUNICATION BOARD AND CONNECTED TO CIRCUITS RP-2 & RP-4. SEE COMMUNICATION BOARD DETAIL 2 ON SHEET E-3 FOR MOUNTING LOCATIONS AND INSTRUCTIONS ON USING STENCIL FOR LOCATING RECEPTACLES. RECEPTACLES SHALL BE "ORANGE" WITH WHITE COVER PLATES.
  10. NOT USED
  11. NOT USED
  12. NOT USED
  13. PROVIDE DEDICATED ISOLATED GROUND CIRCUIT TO FLUSH MOUNTED IG RECEPTACLE IN WALL 18" AFF. FOR EAS POWER SUPPLY. RECEPTACLE SHALL BE MOUNTED DIRECTLY ABOVE DOOR HULLON CLOSEST TO CHECKOUT STATION. IG RECEPTACLE SHALL BE "ORANGE" WITH WHITE COVER PLATE. CONFIRM SIDE TO MOUNT RECEPTACLE WITH FD SITE SPECIFIC FUTURE PLAN PRIOR TO BEGINNING CONSTRUCTION. EAS SHALL BE FURNISHED AND INSTALLED BY EAS VENDOR AT TIME OF FD UPIIT.
  14. PROVIDE DEDICATED ISOLATED GROUND CIRCUIT TO FLUSH MOUNTED IG RECEPTACLE IN WALL 18" AFF. FOR ATIT. IG RECEPTACLE SHALL BE "ORANGE" WITH WHITE COVER PLATE. PROVIDE SINGLE GANG JUNCTION BOX MOUNTED NEXT TO ATIT RECEPTACLE FOR DATA CONNECTION. EC SHALL MOUNT JUNCTION BOX IN WALL AT 18" AFF WITH 3/4" CONDUIT WITH PULL STRING UP IN WALL TO 13'-0" AFF. DATA CABLES SHALL BE PROVIDED BY FD VENDOR. CONFIRM RECEPTACLE LOCATION WITH FD SITE SPECIFIC FUTURE PLAN PRIOR TO BEGINNING CONSTRUCTION.
  15. FURNISH AND INSTALL CONDUIT AND WIRING FOR EXTERIOR BUILDING SIGNS. CIRCUIT SHALL BE TERMINATED AT A JUNCTION BOXES LOCATED MINIMUM 13'-0" AFF. BUILDING SIGN CIRCUIT SHALL BE CIRCUITED VIA ENERGY MANAGEMENT SYSTEM. PROVIDE ADDITIONAL 4'-0" FEET OF BLACK ABOVE ELECTRICAL PANEL. COORDINATE ACTUAL NUMBER OF BUILDING MOUNTED SIGNS WITH ARCHITECTURAL ELEVATIONS AND FDS PROJECT MANAGER PRIOR TO CONSTRUCTION. COORDINATE REQUIRED JUNCTION BOX QUANTITIES AND LOCATION WITH ARCHITECTURAL ELEVATIONS AND SIGN SUPPLIER PRIOR TO ELECTRICAL ROUGH-IN.
  16. SEE STOREFRONT CONDUIT CONCEALMENT DETAIL ON THIS SHEET FOR THIS DEVICE AND CIRCUIT.

**POWER PLAN**  
SCALE: 1/8"=1'-0"  
NORTH

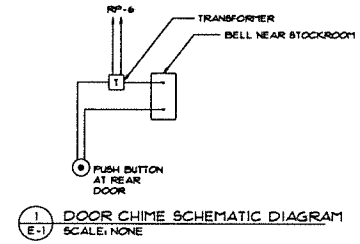
CONTRACTOR SHALL REFER TO FINAL FIXTURE PLAN FOR KIOSK PLACEMENT (OFF STATION), ATM MACHINE PLACEMENT, FREEZER/COOLER PLACEMENT, CHECKOUT PLACEMENT, AND ANY OTHER FIXTURE THAT REQUIRES POWER PRIOR TO INSTALLING ELECTRICAL & DATA.



**2 TYPICAL CHECKOUT STATIONS POWER/DATA DETAIL**  
SCALE: NONE



**3 STOREFRONT CONDUIT CONCEALMENT DETAIL**  
SCALE: NONE



**1 DOOR CHIME SCHEMATIC DIAGRAM**  
SCALE: NONE

- ### CHECKOUT STATIONS POWER/DATA NOTES:
1. DUP POWER POLES ARE BEING FURNISHED WITH CHECKOUT COUNTERS. POWER POLES SHALL BE INSTALLED AND WIRED BY CONTRACTOR.
  2. FIELD VERIFY LOCATION OF ALL POWER POLES AND JUNCTION BOXES WITH FD PROJECT MANAGER AND FDS FINAL SITE SPECIFIC FUTURE PLAN PRIOR TO BEGINNING ROUGH-IN. JUNCTION BOXES SHALL BE LOCATED WITHIN 3' OF POWER POLES.
  3. LABEL ALL JUNCTION BOXES WITH CIRCUIT NUMBER AND DESCRIPTION AS SHOWN IN PANEL SCHEDULE.
  4. ALL DIRTY AND ISOLATED GROUND (IG) CIRCUITS SHALL HAVE DEDICATED NEUTRALS. DO NOT SHARE NEUTRALS.

ALL EXISTING ELECTRICAL EQUIPMENT/DEVICES, AND ASSOCIATED CONDUIT AND WIRING NOT SHOWN ON THIS PLAN OR IN ELECTRICAL RISER ON SHEET E-3 SHALL BE REMOVED COMPLETE.

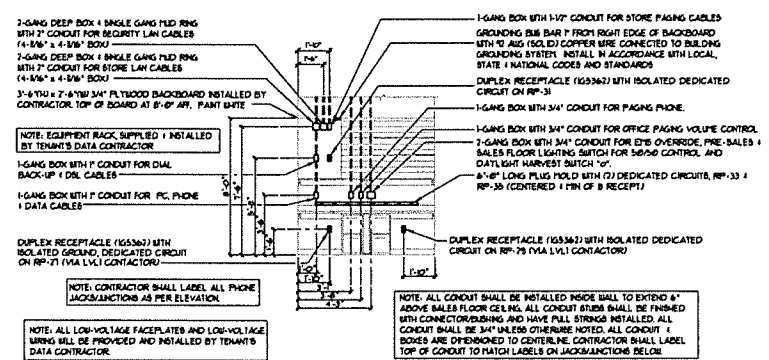
### POWER/WIRING INFORMATION FOR HVAC EQUIPMENT

HVAC*	DISCONNECT SIZE	CONDUIT/FAIR SIZE	FEEDER PANEL	FEEDER BREAKER(S)
RTU-1	PROVIDED WITH UNIT	3/4" (3.75 x (1.75) GND.)	FPM	13.5
RTU-2	PROVIDED WITH UNIT	3/4" (3.75 x (1.75) GND.)	FPM	13.5
RTU-3	PROVIDED WITH UNIT	3/4" (3.75 x (1.75) GND.)	FPM	13.5, 1
RTU-4	PROVIDED WITH UNIT	3/4" (3.75 x (1.75) GND.)	FPM	13.5, 1
RTU-5	PROVIDED WITH UNIT	3/4" (3.75 x (1.75) GND.)	FPM	13.5, 1
AC-1	RATED SWITCH (TO BE CONCEALED)	1/2" (1.75 x (1.75) GND.)	FPM	31

### POWER/WIRING INFORMATION FOR COOLER/FREEZER EQUIPMENT

DEVICE*	DISCONNECT SIZE	CONDUIT/FAIR SIZE	FEEDER PANEL	FEEDER BREAKER(S)
(C)	JUNCTION BOX = 100" AFF W/8" WHIP	1/2" (3.75 x (1.75) GND.**	FPM	6.0
(C)	JUNCTION BOX = 100" AFF W/8" WHIP	1/2" (3.75 x (1.75) GND.**	FPM	12.4
(C)	JUNCTION BOX = 100" AFF W/8" WHIP	1/2" (3.75 x (1.75) GND.**	FPM	18.30
(C)	JUNCTION BOX = 100" AFF W/8" WHIP	1/2" (3.75 x (1.75) GND.**	FPM	24.26
(C)	JUNCTION BOX = 100" AFF W/8" WHIP	1/2" (3.75 x (1.75) GND.**	FPM	36
(F)	JUNCTION BOX = 100" AFF W/8" WHIP	3/4" (3.75 x (1.75) GND.**	FPM	39.31
(F)	JUNCTION BOX = 100" AFF W/8" WHIP	3/4" (3.75 x (1.75) GND.**	FPM	41.43
(F)	JUNCTION BOX = 100" AFF W/8" WHIP	3/4" (3.75 x (1.75) GND.**	FPM	47.49
(F)	JUNCTION BOX = 100" AFF W/8" WHIP	3/4" (3.75 x (1.75) GND.**	FPM	56.32

NOTE: ALL DIMENSIONS ARE TO THE TOP OF THE ASSOCIATED DEVICE. AS PART OF THIS PROJECT, THE MANUFACTURER'S REPRESENTATIVE WILL MAKE THE FINAL CONNECTION TO INTEGRAL EQUIPMENT DISCONNECTS AT TIME OF STARTUP.  
\*\* INCLUDES: (2) HOT, (1) NEUTRAL, & (1) GROUND



**OFFICE ELEVATION - ELECTRICAL & DATA**  
SCALE: 1/4"=1'-0"

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2005 Elm Hill Pkwy. S.E.  
Nashville, TN 37211  
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**VOIG**  
Engineering, Inc.

NO.	DATE	BY	DESCRIPTION
1	2-14-22	mark	revisions

NO.	DATE	BY	DESCRIPTION
1	04	04	06

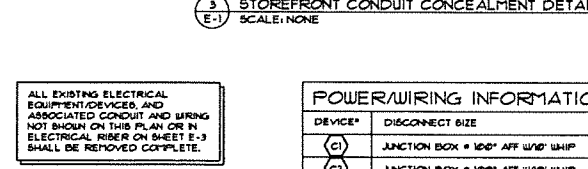
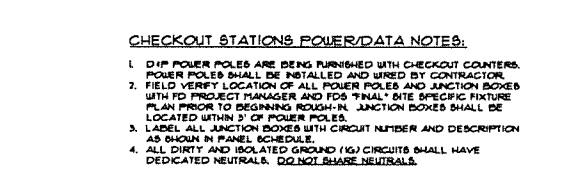
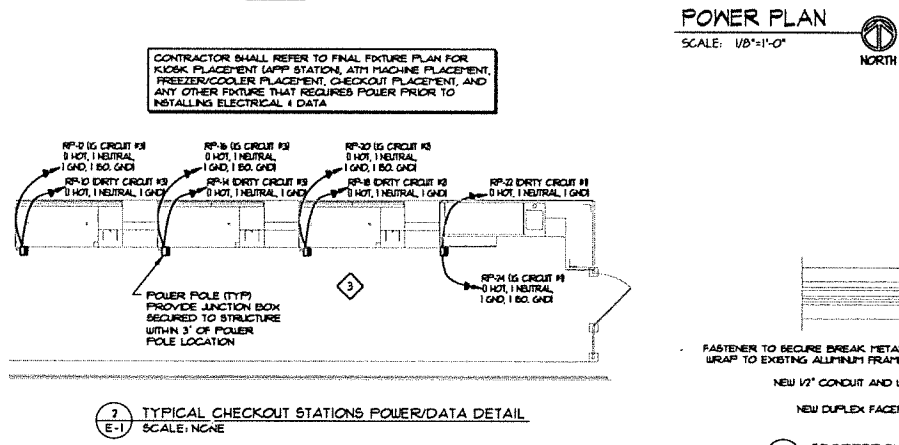
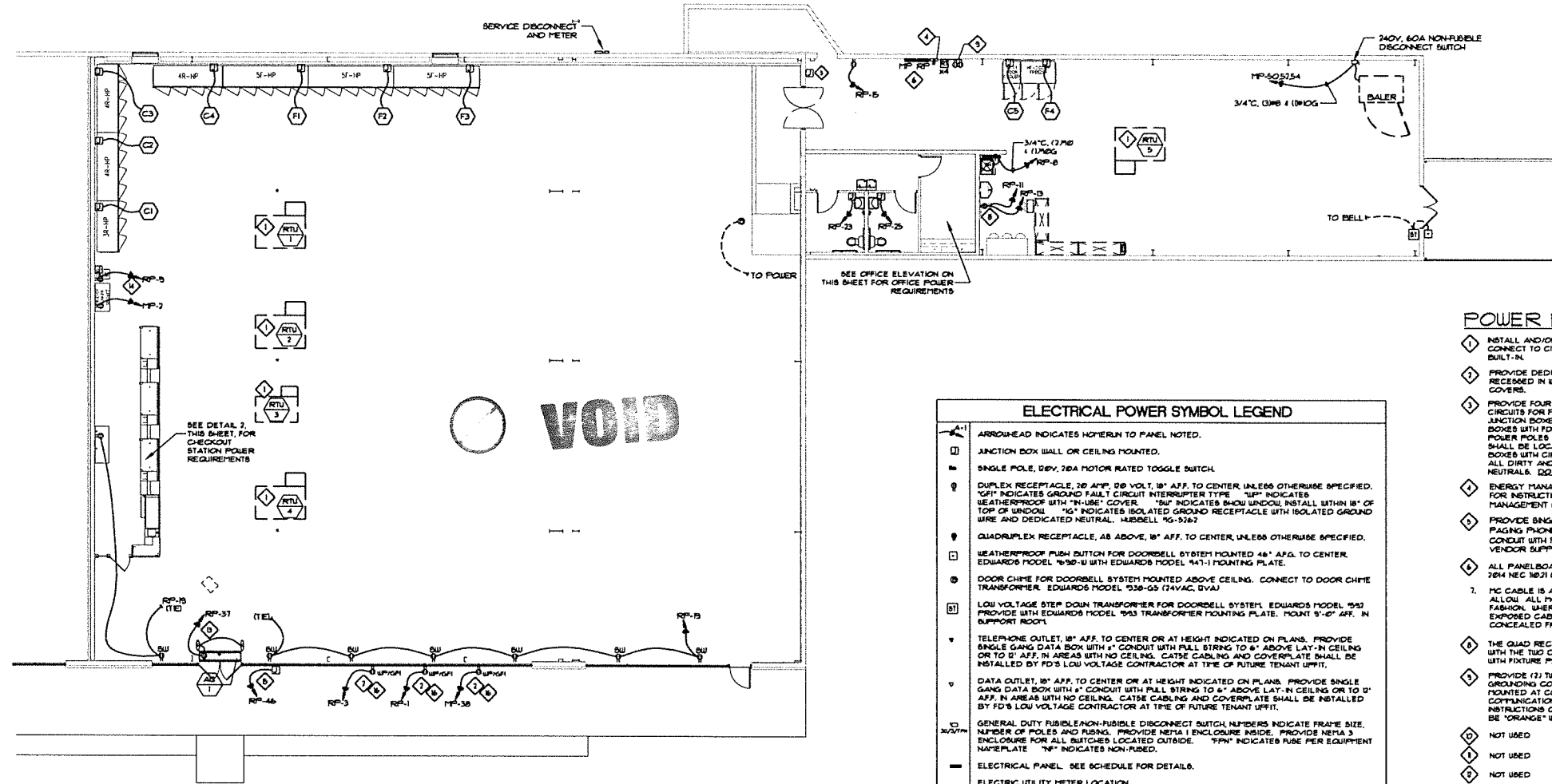
**RRMM**  
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Chesapeake, VA 23320  
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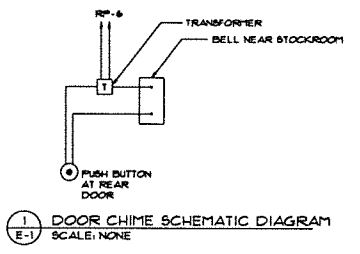
**FAMILY DOLLAR STORE, FDS# 805702**  
JONESVILLE, VA  
POWER PLAN





### ELECTRICAL POWER SYMBOL LEGEND

- ARROW-HEAD INDICATES HOSE/IN TO PANEL NOTED.
- JUNCTION BOX WALL OR CEILING MOUNTED.
- SINGLE POLE, 20V, 20A MOTOR RATED TOGGLE SWITCH.
- DUPLEX RECEPTACLE, 20 AMP, 120 VOLT, 18\" AFF. TO CENTER, UNLESS OTHERWISE SPECIFIED. 'GFI' INDICATES GROUND FAULT CIRCUIT INTERRUPTER TYPE. 'UP' INDICATES WEATHER-PROOF WITH 'IN-USE' COVER. 'IS' INDICATES ISOLATED GROUND, INSTALLED WITHIN 18\" OF TOP OF WINDOW. 'IG' INDICATES ISOLATED GROUND RECEPTACLE WITH ISOLATED GROUND WIRE AND DEDICATED NEUTRAL. HUBBELL 'G5-5267'.
- QUADRUPLX RECEPTACLE, AS ABOVE, 18\" AFF. TO CENTER, UNLESS OTHERWISE SPECIFIED.
- WEATHER-PROOF PUSH BUTTON FOR DOORBELL SYSTEM MOUNTED 48\" AFF. TO CENTER. EDWARDS MODEL '930-11' WITH EDWARDS MODEL '941-1' MOUNTING PLATE.
- DOOR CHIME FOR DOORBELL SYSTEM MOUNTED ABOVE CEILING. CONNECT TO DOOR CHIME TRANSFORMER. EDWARDS MODEL '930-05' (24VAC, 0.5VA).
- LOW VOLTAGE STEP DOWN TRANSFORMER FOR DOORBELL SYSTEM. EDWARDS MODEL '930' PROVIDE WITH EDWARDS MODEL '933' TRANSFORMER MOUNTING PLATE. MOUNT 9\" AFF. IN SUPPORT ROOM.
- TELEPHONE OUTLET, 18\" AFF. TO CENTER OR AT HEIGHT INDICATED ON PLANS. PROVIDE SINGLE GANG DATA BOX WITH 1\" CONDUIT WITH PULL STRING TO 4\" ABOVE LAY-IN CEILING OR TO 2\" AFF. IN AREAS WITH NO CEILING. CAT5 CABLE AND COVERPLATE SHALL BE INSTALLED BY FDS LOW VOLTAGE CONTRACTOR AT TIME OF FUTURE TENANT UPFIT.
- DATA OUTLET, 18\" AFF. TO CENTER OR AT HEIGHT INDICATED ON PLANS. PROVIDE SINGLE GANG DATA BOX WITH 1\" CONDUIT WITH PULL STRING TO 4\" ABOVE LAY-IN CEILING OR TO 2\" AFF. IN AREAS WITH NO CEILING. CAT5 CABLE AND COVERPLATE SHALL BE INSTALLED BY FDS LOW VOLTAGE CONTRACTOR AT TIME OF FUTURE TENANT UPFIT.
- GENERAL DUTY FUSIBLE/NON-FUSIBLE DISCONNECT SWITCH, NUMBERS INDICATE FRAME SIZE, NUMBER OF POLES AND RINGS. PROVIDE NEMA 1 ENCLOSURE INSIDE. PROVIDE NEMA 3 ENCLOSURE FOR ALL SWITCHES LOCATED OUTSIDE. 'TN' INDICATES TYPICAL RISE PER EQUIPMENT NAMEPLATE. 'NF' INDICATES NON-FUSIBLE.
- ELECTRICAL PANEL. SEE SCHEDULE FOR DETAILS.
- ELECTRIC UTILITY METER LOCATION.
- EXTERIOR LED LIGHT FIXTURE.
- DUCT MOUNTED SMOKE DETECTOR.
- DUCT MOUNTED SMOKE DETECTOR TEST STATION MOUNTED AT COMMUNICATION BOARD. SEE DETAIL 'E-4' FOR EXACT LOCATION. COORDINATE INSTALLATION RESPONSIBILITIES WITH ALL CONTRACTORS. SEE WIRING DIAGRAM 312-7 FOR DETAILS.
- WATER HEATER. PROVIDE DISCONNECTING MEANS AS REQUIRED.



- ### POWER PLAN NOTES:
- INSTALL AND/OR CONNECT UP/GRND RECEPTACLE AT HVAC UNIT AS REQUIRED. CONNECT TO CIRCUIT RP-5. UNIT MAY BE SUPPLIED WITH UN-WIRED RECEPTACLE BUILT-IN.
  - PROVIDE DEDICATED 20V, 20A GFI, WEATHER-PROOF EXTERIOR RECEPTACLE RECEIVED IN WALL WITH FACE FLUSH WITH EXTERIOR WALL. PROVIDE WITH 'IN-USE' COVERS.
  - PROVIDE FOUR (4) DEDICATED ISOLATED GROUND CIRCUITS AND FOUR (4) DIRTY CIRCUITS FOR FUTURE CASH STATIONS. CIRCUITS SHALL BE TERMINATED TO JUNCTION BOXES SECURED TO STRUCTURE. CONFIRM LOCATION OF JUNCTION BOXES WITH FDS SITE SPECIFIC FIXTURE PLAN PRIOR TO BEGINNING CONSTRUCTION. POWER POLES ARE FURNISHED WITH CHECKOUT CENTERS. JUNCTION BOXES SHALL BE LOCATED WITHIN 3' OF POWER POLE LOCATIONS. LABEL ALL JUNCTION BOXES WITH CIRCUIT NUMBER AND DESCRIPTION AS SHOWN IN PANEL SCHEDULE. ALL DIRTY AND ISOLATED GROUND (IG) CIRCUITS SHALL HAVE DEDICATED NEUTRALS. DO NOT SHARE NEUTRALS.
  - ENERGY MANAGEMENT SYSTEM (EMS). CONTRACTOR SHALL REFER TO EMS SHEETS FOR INSTRUCTION AND RESPONSIBILITIES FOR INSTALLING TENANT SUPPLIED ENERGY MANAGEMENT SYSTEM (EMS) PRIOR TO BIDDING AND INSTALLATION.
  - PROVIDE SINGLE GANG JUNCTION BOX MOUNTED NEXT TO RECEIVING DOOR FOR PAGING PHONE. EC SHALL MOUNT JUNCTION BOX IN WALL AT 48\" AFF WITH 3/4\" CONDUIT WITH FULL STRING UP IN WALL TO 13\"-0\" AFF. PAGING SYSTEM SHALL BE VENDOR SUPPLIED AND VENDOR INSTALLED.
  - ALL PANELBOARDS SHALL HAVE FIELD-APPLIED HAZARD MARKINGS INSTALLED PER 704 NEC 180.21 (E).
  - MC CABLE IS ALLOWED AS BUILDING STANDARD WHERE LOCAL CODE JURISDICTION WILL ALLOW. ALL MC CABLE SHALL BE RUN OVERHEAD, AND IN A NEAT AND ORGANIZED FASHION. WHERE CODE DOES NOT ALLOW MC CABLE, EMT SHALL BE USED. ALL EXPOSED CABLE AND CONDUIT SHALL BE RUN TIGHT TO CEILING CONSTRUCTION AND CONCEALED FROM VIEW WHEREVER POSSIBLE.
  - THE QUAD RECEPTACLE SHOWN IS ACTUALLY MADE UP OF TWO DUPLEX RECEPTACLES WITH THE TWO CIRCUITS SHOWN. MOUNT RECEPTACLE AT 18\" AFF. COORDINATE LOCATION WITH FIXTURE PLAN.
  - PROVIDE (2) TWO DEDICATED ISOLATED GROUND RECEPTACLES WITH ISOLATED GROUNDING CONDUCTOR BACK TO SERVICE GROUND. RECEPTACLES SHALL BE SURFACE MOUNTED AT COMMUNICATION BOARD AND CONNECTED TO CIRCUITS RP-2 & RP-4. SEE COMMUNICATION BOARD DETAIL 2 ON SHEET E-3 FOR MOUNTING LOCATION AND INSTRUCTIONS ON USING STENCIL FOR LOCATING RECEPTACLES. RECEPTACLES SHALL BE 'ORANGE' WITH WHITE COVER PLATES.
  - NOT USED
  - NOT USED
  - NOT USED
  - PROVIDE DEDICATED ISOLATED GROUND CIRCUIT TO FLUSH MOUNTED IG RECEPTACLE IN WALL 18\" AFF. FOR EAS POWER SUPPLY. RECEPTACLE SHALL BE MOUNTED DIRECTLY ABOVE DOOR HULLION CLOSEST TO CHECKOUT STATIONS. IG RECEPTACLE SHALL BE 'ORANGE' WITH WHITE COVER PLATE. CONFIRM SIDE TO MOUNT RECEPTACLE WITH FDS SITE SPECIFIC FIXTURE PLAN PRIOR TO BEGINNING CONSTRUCTION. EAS SHALL BE FURNISHED AND INSTALLED BY EAS VENDOR AT TIME OF FDS UPFIT.
  - PROVIDE DEDICATED ISOLATED GROUND CIRCUIT TO FLUSH MOUNTED IG RECEPTACLE IN WALL 18\" AFF. FOR ATM. IG RECEPTACLE SHALL BE 'ORANGE' WITH WHITE COVER PLATE. PROVIDE SINGLE GANG JUNCTION BOX MOUNTED NEXT TO ATM RECEPTACLE FOR DATA CONNECTION. EC SHALL MOUNT JUNCTION BOX IN WALL AT 18\" AFF WITH 3/4\" CONDUIT WITH FULL STRING UP IN WALL TO 13\"-0\" AFF. DATA CABLE SHALL BE PROVIDED BY VENDOR. CONFIRM RECEPTACLE LOCATION(S) WITH FDS SITE SPECIFIC FIXTURE PLAN PRIOR TO BEGINNING CONSTRUCTION.
  - FURNISH AND INSTALL CONDUIT AND WIRING FOR EXTERIOR BUILDING SIGNS. CIRCUIT SHALL BE TERMINATED AT A JUNCTION BOX(ES) LOCATED WITHIN 13\"-0\" AFF. BUILDING SIGN CIRCUIT SHALL BE CIRCUITED VIA ENERGY MANAGEMENT SYSTEM. PROVIDE ADDITIONAL 6\"-0\" FEET OF BLACK ABOVE ELECTRICAL PANEL. COORDINATE ACTUAL NUMBER OF BUILDING SIGNS WITH ARCHITECTURAL ELEVATIONS AND FDS PROJECT MANAGER PRIOR TO CONSTRUCTION. COORDINATE REQUIRED JUNCTION BOX QUANTITIES AND LOCATION WITH ARCHITECTURAL ELEVATIONS AND SIGN SUPPLIER PRIOR TO ELECTRICAL ROUGH-IN.
  - SEE STOREFRONT CONDUIT CONCEALMENT DETAIL ON THIS SHEET FOR THIS DEVICE AND CIRCUIT.

### POWERWIRING INFORMATION FOR HVAC EQUIPMENT

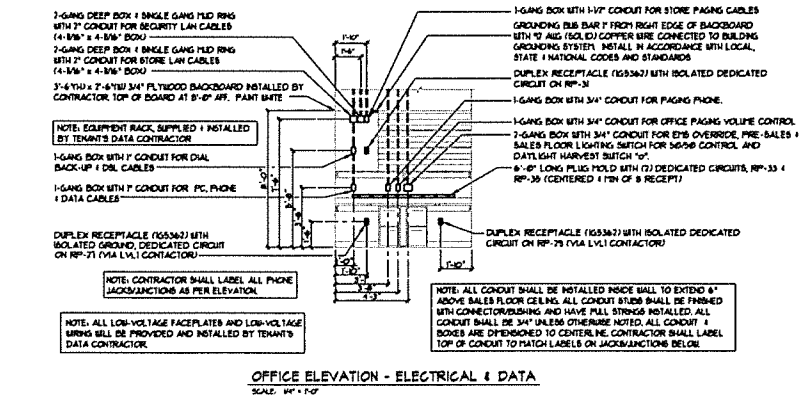
HVAC*	DISCONNECT SIZE	CONDUIT/TAPE SIZE	FEEDER PANEL	FEEDER (BREAKER #)
RTU-1	PROVIDED WITH UNIT	3/4\" (3.75 x 1.75) GND.	MP	133
RTU-2	PROVIDED WITH UNIT	3/4\" (3.75 x 1.75) GND.	MP	731
RTU-3	PROVIDED WITH UNIT	3/4\" (3.75 x 1.75) GND.	MP	13,371
RTU-4	PROVIDED WITH UNIT	3/4\" (3.75 x 1.75) GND.	MP	13,373
RTU-5	PROVIDED WITH UNIT	3/4\" (3.75 x 1.75) GND.	MP	25,272
AC-1	RATED SWITCH (TO BE CONCEALED)	1/2\" (1.75 x 1.75) GND.	MP	31

### POWERWIRING INFORMATION FOR COOLER/FREEZER EQUIPMENT

DEVICE*	DISCONNECT SIZE	CONDUIT/TAPE SIZE	FEEDER PANEL	FEEDER (BREAKER #)
(C1)	JUNCTION BOX = 180\" AFF W/ND W/HP	1/2\" (3.75 x 1.75) GND.**	MP	6,8
(C2)	JUNCTION BOX = 180\" AFF W/ND W/HP	1/2\" (3.75 x 1.75) GND.**	MP	13,4
(C3)	JUNCTION BOX = 180\" AFF W/ND W/HP	1/2\" (3.75 x 1.75) GND.**	MP	18,20
(C4)	JUNCTION BOX = 180\" AFF W/ND W/HP	1/2\" (3.75 x 1.75) GND.**	MP	24,26
(C5)	JUNCTION BOX = 180\" AFF W/ND W/HP	1/2\" (3.75 x 1.75) GND.**	MP	36
(F)	JUNCTION BOX = 180\" AFF W/ND W/HP	3/4\" (3.75 x 1.75) GND.**	MP	35,37
(F2)	JUNCTION BOX = 180\" AFF W/ND W/HP	3/4\" (3.75 x 1.75) GND.**	MP	41,43
(F3)	JUNCTION BOX = 180\" AFF W/ND W/HP	3/4\" (3.75 x 1.75) GND.**	MP	47,49
(F4)	JUNCTION BOX = 180\" AFF W/ND W/HP	3/4\" (3.75 x 1.75) GND.**	MP	36,37

NOTE: ALL DIMENSIONS ARE TO THE TOP OF THE ASSOCIATED DEVICE. AS PART OF THIS PROJECT, THE MANUFACTURER'S REPRESENTATIVE WILL MAKE THE FINAL CONNECTION TO INTEGRAL EQUIPMENT DISCONNECTS AT THE OF STARTUP.

\*\* INCLUDES: (2) HOT, (1) NEUTRAL, (1) GROUND



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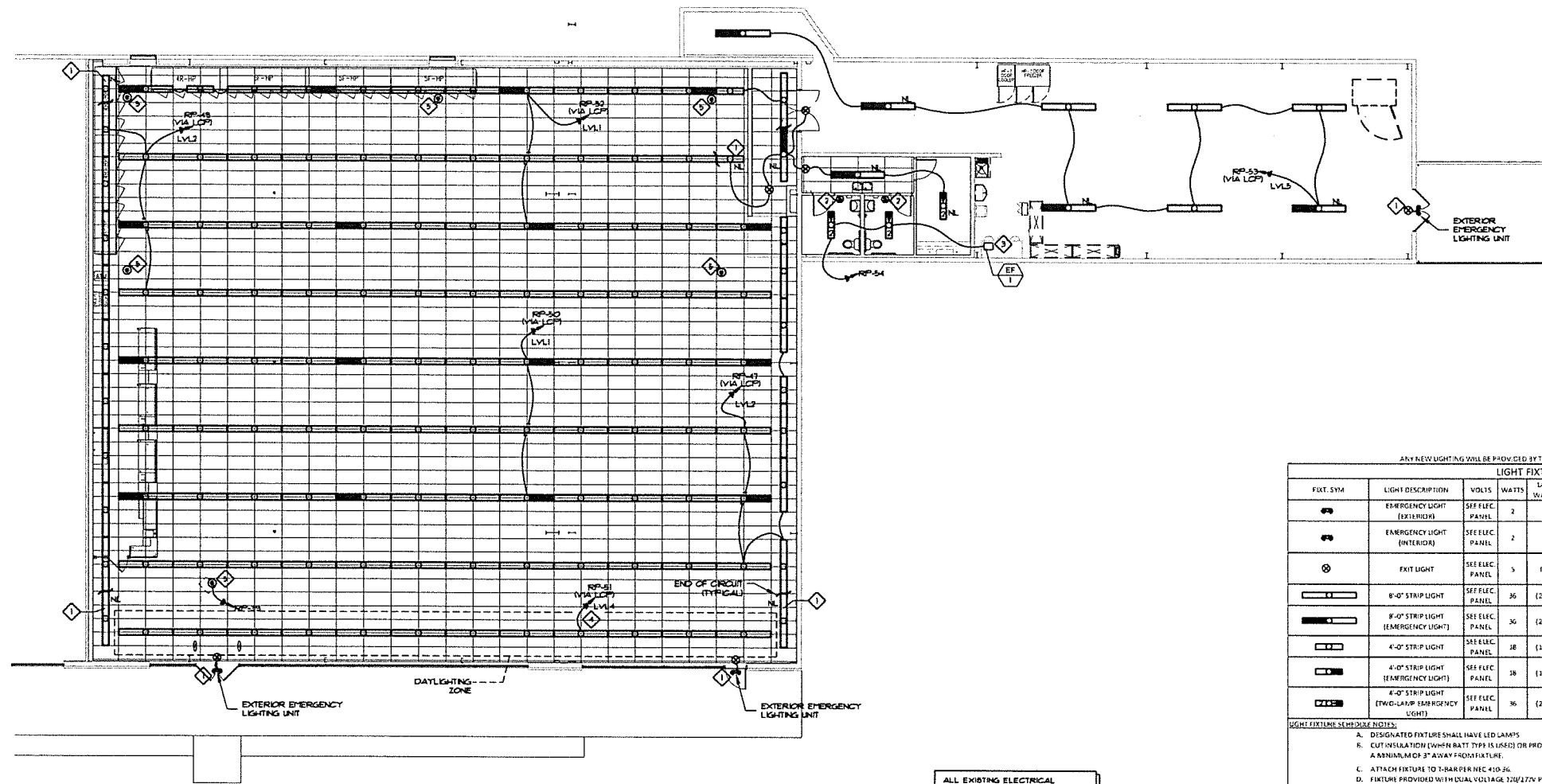
Oliver • Little • Gibson  
**OLIG**  
 ENGINEERING • INC.

DATE: 12/21/11  
 PROJECT: 44131  
 DESIGNED: DMB  
 DRAWN: DMB  
 CHECKED: AOS

RRMM  
 ARCHITECTS, PC  
 1317 Executive Blvd, Suite 200  
 Chesapeake, VA 23320  
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FAMILY DOLLAR  
 FAMILY DOLLAR STORE, FDS# 805702  
 JONESVILLE, LA  
 POWER PLAN

sheet



**LIGHTING PLAN**  
SCALE: 1/8"=1'-0"  
NORTH

ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES, AND ASSOCIATED CONDUIT AND WIRING NOT SHOWN ON THIS PLAN OR IN ELECTRICAL RISER ON SHEET E-3 SHALL BE REMOVED COMPLETE.

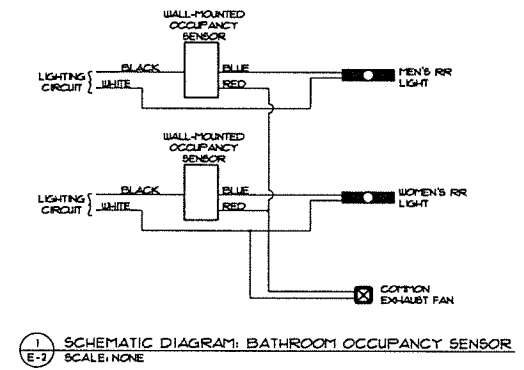
ANY NEW LIGHTING WILL BE PROVIDED BY TENANT FOR TENANT'S CONTRACTOR INSTALLATION.

LIGHT FIXTURE SCHEDULE						
FXLT. SYM	LIGHT DESCRIPTION	VOLTS	WATTS	LAMP QTY., WATTS, TYPE	MOUNTING	SCHEDULE NOTES
⊕	EMERGENCY LIGHT (EXTERIOR)	SEE ELEC. PANEL	2	(2) 1 WATT LED	WALL OVER EXTERIOR DISK	EMERGENCY LIGHT WITH REMOTE BATTERY
⊕	EMERGENCY LIGHT (INTERIOR)	SEE ELEC. PANEL	2	(2) 1 WATT LED	SURFACE	EMERGENCY LIGHT UNIT
⊕	EXIT LIGHT	SEE ELEC. PANEL	5	FURNISHED WITH FIXTURE	CEILING UNLESS OTHERWISE REQUIRED BY CODE	L.E.D. SINGLE-FACE EXIT SIGN W/EMERGENCY BATTERY NOTES: D
—	8'-0" STRIP LIGHT	SEE ELEC. PANEL	36	(2) 18W LED	FURNISHED WITH FIXTURE CEILING SURFACE	INTERIOR/EXTERIOR STRIP NOTES: A, C, D, F, G
—	8'-0" STRIP LIGHT (EMERGENCY LIGHT)	SEE ELEC. PANEL	36	(2) 18W LED	FURNISHED WITH FIXTURE CEILING SURFACE	EMERGENCY LIGHT WITH INTEGRAL BATTERY PACK NOTES: A, C, D, F, G
—	4'-0" STRIP LIGHT	SEE ELEC. PANEL	36	(1) 18W LED	FURNISHED WITH FIXTURE CEILING SURFACE	INTERIOR/EXTERIOR STRIP NOTES: A, C, D, F, G
—	4'-0" STRIP LIGHT (EMERGENCY LIGHT)	SEE ELEC. PANEL	36	(1) 18W LED	FURNISHED WITH FIXTURE CEILING SURFACE	EMERGENCY LIGHT WITH INTEGRAL BATTERY PACK NOTES: A, C, D, F, G
—	4'-0" STRIP LIGHT (TWO-LAMP EMERGENCY LIGHT)	SEE ELEC. PANEL	36	(2) 18W LED	FURNISHED WITH FIXTURE CEILING SURFACE	EMERGENCY LIGHT WITH INTEGRAL BATTERY PACK NOTES: A, C, D, F, G

**LIGHT FIXTURE SCHEDULE NOTES:**

- DESIGNATED FIXTURE SHALL HAVE LED LAMPS
- CUT INSULATION (WHEN BATT TYPE IS USED) OR PROVIDE SHIELD AROUND FIXTURE (WHEN BLOW-IN TYPE IS USED) TO KEEP INSULATION A MINIMUM OF 3" AWAY FROM FIXTURE.
- ATTACH FIXTURE TO 1-BAR PER NEC 410.26.
- FIXTURE PROVIDED WITH LOCAL VOLTAGE (208/277V) POWER SUPPLY. VERIFY VOLTAGE FOR EACH FIXTURE LOCATION.
- EMERGENCY FIXTURE WITH BUILT-IN BATTERY BACK-UP.
- LIGHT FIXTURES DENOTED BY "AL" SHALL REMAIN ON DURING NON-BUSINESS WORKING HOURS.
- WITH NO FINISHED CEILING, LIGHT FIXTURES ABOVE THE SALES FLOOR SHALL BE SUSPENDED @ 12'-0" A.F.F. AND LIGHT FIXTURES ABOVE THE STOCKROOM SHALL BE SUSPENDED @ 10'-0" A.F.F.
- FOR EXISTING FIXTURES THAT ARE TO REMAIN, THE CONTRACTOR SHALL REPLACE ALL EXISTING LAMPS WITH NEW LAMPS PROVIDED BY THE CONTRACTOR.

CONTRACTOR SHALL INSTALL ADDITIONAL WIRE TIE SUPPORTS FROM THE CEILING GRID TO THE STRUCTURE ABOVE FOR SUPPORT OF THE LIGHT FIXTURES CLIPPED ON THE GRID.  
PROVIDE DEDICATED NEUTRAL FOR EACH LIGHTING CIRCUIT.



**REFLECTED CEILING LEGEND**

—	2'-0" x 4'-0" ACOUSTICAL CEILING TILE AND GRID
□	GWB - PAINT WHITE UNLESS OTHERWISE NOTED.
⊗	DIFFUSER
⊠	RETURN GRILLE
⊡	DOVE
⊞	VENTILATION FAN
⊕	CEILING HEIGHT (ABOVE FINISH FLOOR)
•	POWER POLE
⊕	OCCUPANCY SENSOR. SEE NOTE 6.
⊕	CEILING RECEPTACLE, 120V, 15A

- LIGHTING PLAN NOTES:**
- ALL EXIT SIGNS, NIGHT LIGHTS, AND EXTERIOR EMERGENCY LIGHTS SHALL BE CIRCUITED TO PANEL "RP", CIRCUIT 45. WIRING NOT SHOWN FOR DRAWING CLARITY.
  - TOILET ROOMS SHALL HAVE OCCUPANCY SENSORS INSTALLED AND CONNECTED AS SHOWN IN DETAIL #1 - SCHEMATIC DIAGRAM THIS SHEET. MOUNT ON WALL NEXT TO DOOR INSIDE RESTROOM. LIGHTS AND OCCUPANCY SENSORS TO BE WIRED INDEPENDENTLY OF THE ENERGY MANAGEMENT SYSTEM VIA CIRCUIT LP-54.
  - TOILET ROOM EXHAUST SYSTEM TO CONNECT TO OCCUPANCY SENSORS PER THE SCHEMATIC DIAGRAM ON THIS SHEET. COORDINATE EXHAUST FAN LOCATION WITH MECHANICAL.
  - THE LIGHT FIXTURES WITHIN THE DESIGNATED DAYLIGHTING ZONE IN FIRST TWO ROWS WILL BE PROVIDED WITH INDEPENDENT CONTROL FOR DAY-LIGHTING PER IECC. THESE CIRCUITS SHALL BE ROUTED THROUGH THE LCP FOR DAY-LIGHTING CONTROL.
  - PROVIDE RECEPTACLE IN CEILING FOR SECURITY MONITOR EQUIPMENT AND CONNECT TO CIRCUIT RP-35. CONFIRM RECEPTACLE LOCATION WITH PD SITE SPECIFIC FIXTURE PLAN PRIOR TO BEGINNING CONSTRUCTION.

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Oliver • Little • Gipson  
**OLIG**  
ENGINEERING, INC.

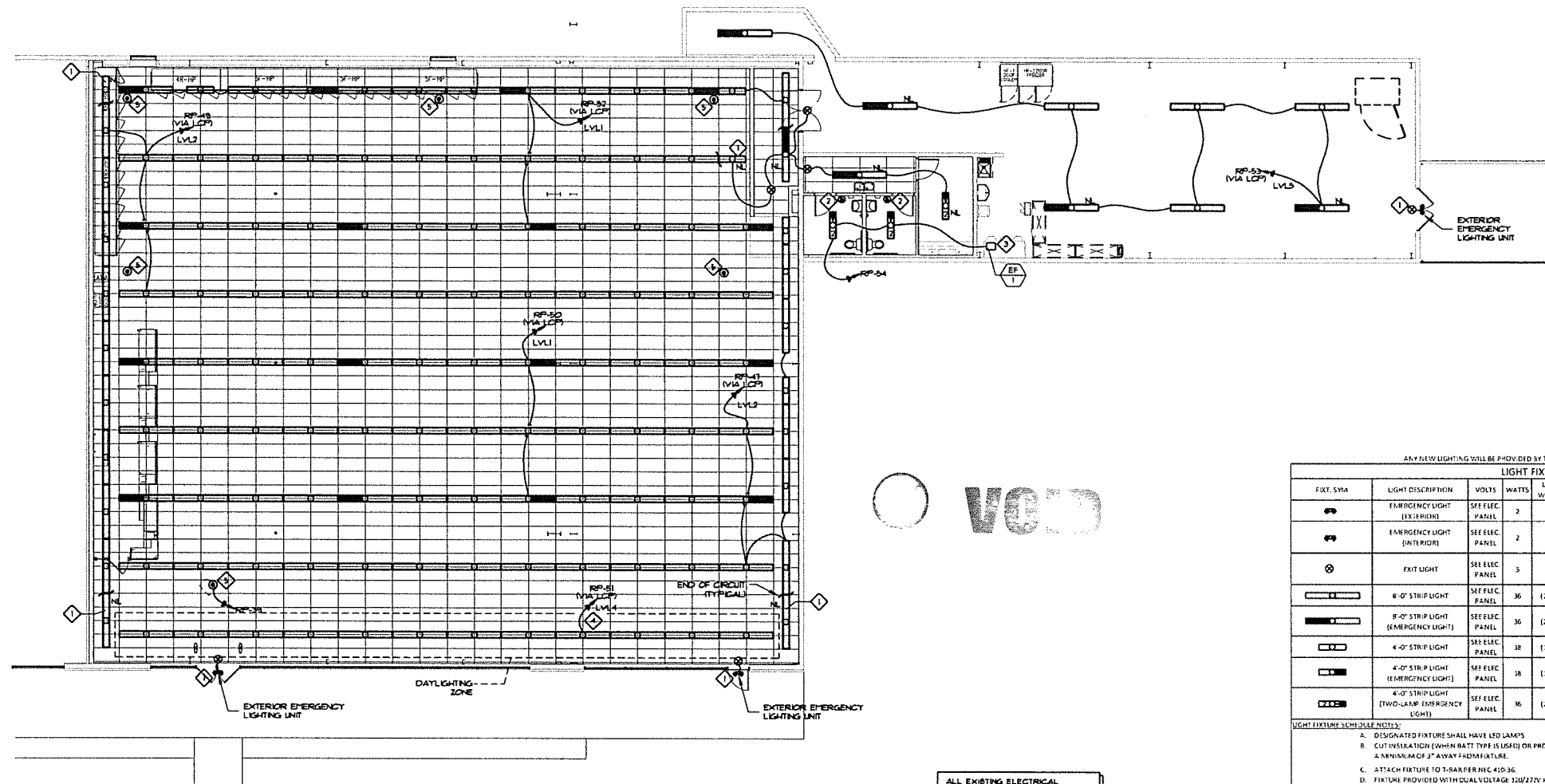
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drawn \_\_\_\_\_  
checked \_\_\_\_\_  
revision \_\_\_\_\_

DATE: \_\_\_\_\_  
PROJECT: \_\_\_\_\_  
DESIGNED: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_

**RRMM**  
ARCHITECTS, PC  
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Chesapeake, VA 23320  
(757) 521-3328 / fax (757) 612-6583



**FAMILY DOLLAR**  
FAMILY DOLLAR STORE, FDSR 805702  
JONESVILLE, LA  
LIGHTING PLAN



**LIGHTING PLAN**  
SCALE: 1/8"=1'-0"  
NORTH

ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES, AND ASSOCIATED CIRCUIT AND WIRING NOT SHOWN ON THIS PLAN OR IN ELECTRICAL RISER ON SHEET E-3 SHALL BE REMOVED COMPLETE.

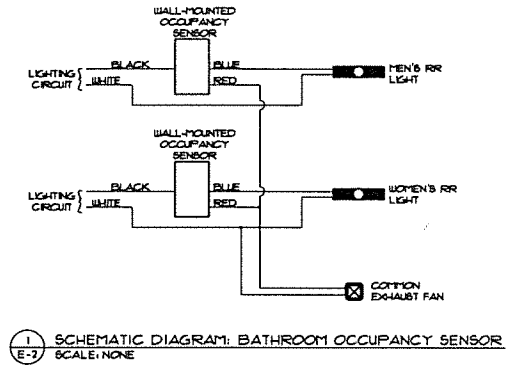
ANY NEW LIGHTING WILL BE PROVIDED BY TENANT FOR TENANT'S CONTRACTOR INSTALLATION.

FIXT. SYMB.	LIGHT DESCRIPTION	VOLTS	WATTS	LAMP QTY.		MOUNTING	SCHEDULE NOTES
				WATTS, TYPE	LAMPS		
⬢	EMERGENCY LIGHT (EXTERIOR)	SEE ELEC. PANEL	2	(2) 1 WATT LED		WALL OVER EXTERIOR DOOR	EMERGENCY LIGHT WITH REMO'D BATTERY
⬢	EMERGENCY LIGHT (INTERIOR)	SEE ELEC. PANEL	2	(2) 1 WATT LED		SURFACE	EMERGENCY LIGHT UNIT
⊙	EXIT LIGHT	SEE ELEC. PANEL	5	FURNISHED WITH FIXTURE		CEILING/LESS OTHER AS REQUIRED BY CODE	L.E.D. SINGLE-FACE EXIT SIGN W/EMERGENCY BATTERY NOTES: D
▬	6'-0" STRIP LIGHT	SEE ELEC. PANEL	36	(2) 18W LED	FURNISHED WITH FIXTURE	CEILING SURFACE	INTERIOR/EXTERIOR STRIP NOTES: A, C, D, E, F, G
▬	8'-0" STRIP LIGHT (EMERGENCY LIGHT)	SEE ELEC. PANEL	36	(2) 18W LED	FURNISHED WITH FIXTURE	CEILING SURFACE	EMERGENCY LIGHT WITH INTEGRAL BATTERY PACK NOTES: A, C, D, E, F, G
▬	4'-0" STRIP LIGHT	SEE ELEC. PANEL	36	(3) 18W LED	FURNISHED WITH FIXTURE	CEILING SURFACE	INTERIOR/EXTERIOR STRIP NOTES: A, C, D, E, F, G
▬	4'-0" STRIP LIGHT (EMERGENCY LIGHT)	SEE ELEC. PANEL	36	(3) 18W LED	FURNISHED WITH FIXTURE	CEILING SURFACE	EMERGENCY LIGHT WITH INTEGRAL BATTERY PACK NOTES: A, C, D, E, F, G
▬	4'-0" STRIP LIGHT (TWO-LAMP EMERGENCY LIGHT)	SEE ELEC. PANEL	36	(2) 18W LED	FURNISHED WITH FIXTURE	CEILING SURFACE	EMERGENCY LIGHT WITH INTEGRAL BATTERY PACK NOTES: A, C, D, E, F, G

**LIGHT FIXTURE SCHEDULE NOTES:**

- DISGRATED FIXTURE SHALL HAVE LED LAMPS
- CUT INSULATION (WHEN BATT TYPE IS USED) OR PROV. OF SHIELD AROUND FIXTURE (WHEN BLOW-IN TYPE IS USED) TO KEEP INSULATION A MINIMUM OF 2" AWAY FROM FIXTURE.
- ATTACH FIXTURE TO T-BAR PER NEC 410-36.
- FIXTURE PROVIDED WITH DUAL VOLTAGE 120/277V POWER SUPPLY. VERIFY VOLTAGE FOR EACH FIXTURE LOCATION.
- EMERGENCY FIXTURE WITH BUILT-IN BATTERY BACK-UP.
- LIGHT FIXTURES IDENTIFIED BY "AL" SHALL REMAIN ON DURING NON-BUSINESS WORKING HOURS.
- WITH NO FINISHED CEILING, LIGHT FIXTURES ABOVE THE SALES FLOOR SHALL BE SUSPENDED @ 12'-0" A.F.F. AND LIGHT FIXTURES ABOVE THE STOCKROOM SHALL BE SUSPENDED @ 10'-0" A.F.F.
- FOR EXISTING FIXTURES THAT ARE TO REMAIN, THE CONTRACTOR SHALL REPLACE ALL EXISTING LAMPS WITH NEW LAMPS PROVIDED BY THE CONTRACTOR.

CONTRACTOR SHALL INSTALL ADDITIONAL WIRE TIE SUPPORTS FROM THE CEILING GRID TO THE STRUCTURE ABOVE FOR SUPPORT OF THE LIGHT FIXTURES CLIPPED ON THE GRID.  
PROVIDE DEDICATED NEUTRAL FOR EACH LIGHTING CIRCUIT.



**REFLECTED CEILING LEGEND**

	2'-0" x 2'-0" ACOUSTICAL CEILING TILE AND GRID
	GRID - PAINT WHITE UNLESS OTHERWISE NOTED.
	DIFFUSER
	RETURN GRILLE
	DOVE
	VENTILATION FAN
	CEILING HEIGHT (ABOVE FINISH FLOOR)
	POWER POLE
	OCCUPANCY SENSOR. SEE NOTE 6.
	CEILING RECEPTACLE, 20V, 20A

- LIGHTING PLAN NOTES:**
- ALL EXIT SIGNS, NIGHT LIGHTS, AND EXTERIOR EMERGENCY LIGHTS SHALL BE CIRCUITED TO PANEL "RP", CIRCUIT 49. WIRING NOT SHOWN FOR DRAWING CLARITY.
  - TOILET ROOMS SHALL HAVE OCCUPANCY SENSORS INSTALLED AND CONNECTED AS SHOWN IN DETAIL #1 - SCHEMATIC DIAGRAM, THIS SHEET. MOUNT ON WALL NEXT TO DOOR INSIDE RESTROOM. LIGHTS AND OCCUPANCY SENSORS TO BE WIRED INDEPENDENTLY OF THE ENERGY MANAGEMENT SYSTEM VIA CIRCUIT LP-54.
  - TOILET ROOM EXHAUST SYSTEM TO CONNECT TO OCCUPANCY SENSORS FOR THE SCHEMATIC DIAGRAM ON THIS SHEET. COORDINATE EXHAUST FAN LOCATION WITH MECHANICAL.
  - THE LIGHT FIXTURES WITHIN THE DESIGNATED DAYLIGHTING ZONE IN FIRST TWO ROWS WILL BE PROVIDED WITH INDEPENDENT CONTROL FOR DAY-LIGHTING PER IECC. THESE CIRCUITS SHALL BE ROUTED THROUGH THE LCP FOR DAY-LIGHTING CONTROL.
  - PROVIDE RECEPTACLE IN CEILING FOR SECURITY MONITOR EQUIPMENT AND CONNECT TO CIRCUIT RP-32. CONFIRM RECEPTACLE LOCATION WITH PD SITE SPECIFIC FIXTURE PLAN PRIOR TO BEGINNING CONSTRUCTION.

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**OIG**  
ELECTRICAL ENGINEERING, INC.

date	project	designed	drawn	checked	mark	date	description
12-22-22	64037	DB	DB	ADG			

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**FAMILY DOLLAR**  
FAMILY DOLLAR STORE, FDS# 805702  
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LIGHTING PLAN

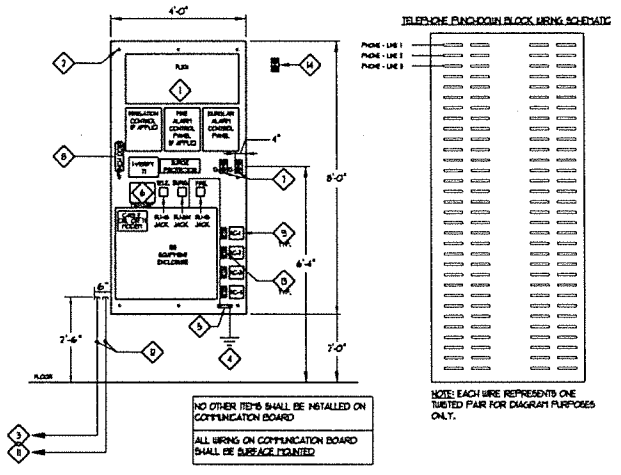
project  
drawing  
sheet  
**E-2**

PANEL SCHEDULE											
PANEL NUMBER	MP										
LOCATION	STOCKROOM										
DIRECTORY	AMPS CIRCUIT CIRCUIT CIRCUIT	kW	A	B	C	kW	AMPS CIRCUIT CIRCUIT CIRCUIT	DIRECTORY			
RTU-1 (HACR)	3	3.88	-			1.20	201	2	ICE CREAM BUNKER		
	3	3.88	-			0.00	201	3	R - SIDEWALK		
	5	3.88	-			1.58	201	6	REACH-IN COOLER (C1)		
RTU-2 (HACR)	7	3.88	-			1.58	201	8	SPARE		
	9	3.88	-			0.00	201	9	R - ATM MACHINE		
	11	3.88	-			1.59	201	12	REACH-IN COOLER (C2)		
RTU-3 (HACR)	13	2.54	-			1.59	201	13	R - BREAK AREA		
	15	2.54	-			0.00	201	14	R - STOCKROOM		
	17	2.54	-			1.59	201	15	REACH-IN COOLER (C3)		
RTU-4 (HACR)	19	3.88	-			1.59	201	16	SPARE		
	21	3.88	-			0.00	201	17	R - SHOW WINDOW & PRINTER		
	23	3.88	-			1.59	201	18	REACH-IN COOLER (C4)		
RTU-5 (HACR)	25	3.66	-			1.59	201	19	SPARE		
	27	3.66	-			0.00	201	20	HAND DRYER		
	29	3.66	-			2.32	201	21	HAND DRYER		
AIR CURTAIN	31	1.08	-			2.32	201	22	R - OFFICE (ISOLATED)		
REACH-IN FREEZER (F1)	33	0.00	-			0.00	201	23	R - OFFICE (ISOLATED)		
	35	3.82	-			1.50	201	24	OFFICE PLUGMOLD		
	37	3.82	-			1.20	201	25	OFFICE PLUGMOLD		
REACH-IN FREEZER (F2)	39	0.00	-			0.00	201	26	R - GAS (ISOLATED)		
	41	3.82	-			11.28	125	27	BAGGED ICE MACHINE		
	43	3.82	-			13.27	201	28	PANEL RP		
REACH-IN FREEZER (F3)	45	0.00	-			0.00	201	29	SPARE		
	47	3.82	-			0.30	201	30	EXIT SIGNS / NITE LIGHTS / EMG. LIGHTS		
	49	3.82	-			3.48	201	31	LTG. SALES AREA (LVL 2)		
	51	0.00	-			3.48	201	32	LTG. SALES AREA (LVL 1)		
SPARE	53	0.00	-			3.48	201	33	LTG. SALES AREA (LVL 1)		
								34	LTG. STOCKROOM (LVL 5)		

\*PROVIDE CIRCUIT BREAKER WITH A MEANS OF BEING LOCKED

PANEL SCHEDULE											
PANEL NUMBER	RP										
LOCATION	STOCKROOM										
DIRECTORY	AMPS CIRCUIT CIRCUIT CIRCUIT	kW	A	B	C	kW	AMPS CIRCUIT CIRCUIT CIRCUIT	DIRECTORY			
R - SIDEWALK	1	0.18	-			0.18	201	2	R - COMMUNICATIONS BOARD		
R - SIDEWALK	3	0.18	-			0.18	201	4	R - COMMUNICATIONS BOARD		
HVAC SERVICE RECEPTACLES	5	0.90	-			0.20	201	6	DOORBELL		
SPARE	7	0.00	-			2.00	201	8	WATER HEATER		
R - ATM MACHINE	9	0.36	-			0.36	201	10	R - REGISTER		
R - BREAK AREA	11	1.50	-			0.36	201	12	R - REGISTER (ISOLATED)		
R - BREAK AREA	13	1.50	-			0.36	201	14	R - REGISTER		
R - STOCKROOM	15	0.18	-			0.36	201	16	R - REGISTER (ISOLATED)		
SPARE	17	0.00	-			0.36	201	18	R - REGISTER		
R - SHOW WINDOW & PRINTER	19	0.54	-			0.36	201	20	R - REGISTER (ISOLATED)		
SPARE	21	0.00	-			0.36	201	22	R - REGISTER		
HAND DRYER	23	1.50	-			0.36	201	24	R - REGISTER (ISOLATED)		
HAND DRYER	25	1.50	-			0.00	201	26	SPARE		
R - OFFICE (ISOLATED)	27	0.18	-			0.10	201	28	EMERGENCY MANAGEMENT SYSTEM (E.M.S.)		
R - OFFICE (ISOLATED)	29	0.18	-			0.10	201	30	SPARE		
R - OFFICE (ISOLATED)	31	0.18	-			0.10	201	32	SPARE		
OFFICE PLUGMOLD	33	0.34	-			0.00	201	34	SPARE		
OFFICE PLUGMOLD	35	0.34	-			0.00	201	36	SPARE		
R - GAS (ISOLATED)	37	0.20	-			0.00	201	38	SPARE		
R - SECURITY SYSTEM	39	1.08	-			0.00	201	40	SPARE		
SPARE	41	0.00	-			0.00	201	42	SPARE		
SPARE	43	0.00	-			0.00	201	44	SPARE		
EXIT SIGNS / NITE LIGHTS / EMG. LIGHTS	45	0.30	-			1.20	201	46	SIGNAGE (LVL 3)		
LTG. SALES AREA (LVL 2)	47	1.08	-			1.20	201	48	FUTURE SIGNAGE (LVL 3)		
LTG. SALES AREA (LVL 2)	49	1.15	-			0.86	201	50	LTG. SALES AREA (LVL 1)		
LTG. SALES AREA (LVL 4)	51	0.43	-			0.86	201	52	LTG. SALES AREA (LVL 1)		
LTG. STOCKROOM (LVL 5)	53	0.29	-			0.20	201	54	LTG. TOILETS / EF-1		

\*PROVIDE CIRCUIT BREAKER WITH A MEANS OF BEING LOCKED



7 COMMUNICATION BOARD DIAGRAM  
E-3 SCALE: NONE

- COMMUNICATION BOARD GENERAL NOTES:**
- ALL PHONE AND DATA LINES SHALL BE RUN BY FID'S LOW VOLTAGE WIREMAN. INSTALLATION SHALL COMPLY WITH ALL CITY & STATE CODES. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING CONDUIT WITH PULL STRING FOR ALL PHONE AND DATA LINES WHERE REQUIRED BY CODE.
  - TELEPHONE CONDUIT, TELEPHONE SERVICE (THREE (3) LINES OPERATIONAL) DYNAMIC AND PUNCHDOWN BLOCK SHOULD BE EXISTING AS PROVIDED AS PART OF SHELL BUILDING. CONTRACTOR SHALL VERIFY THAT THREE (3) PHONE LINES ARE OPERATIONAL AND NOTIFY PROJECT MANAGER IF NOT EXISTING OR ANY OTHER ISSUES AFFECTING INSTALLATION OF COMMUNICATION BOARD/EQUIPMENT.
  - DATA CONDUIT SHOULD BE EXISTING AS PROVIDED AS PART OF SHELL BUILDING. CONTRACTOR SHALL VERIFY EXISTING DATA CONDUIT AND NOTIFY PROJECT MANAGER IF NOT EXISTING OR ANY OTHER ISSUES AFFECTING INSTALLATION OF COMMUNICATION BOARD/EQUIPMENT.
  - CONTRACTOR SHALL INSTALL FIRE RETARDANT PLYWOOD COMMUNICATION BACKBOARD, GROUND BAR, TELEPHONE PUNCHDOWN BLOCK & DUPLEX RECEPTACLES A MINIMUM OF 6 WEEKS PRIOR TO DELIVERY DATE OF BIDDING TURNOVER TO FID.
  - CONTRACTOR SHALL INSTALL COMMUNICATION BACKBOARD AND RECEPTACLE POWER PRIOR TO TELEPHONE AND DATA INSTALLATION DATE. PER FCC REQUIREMENTS PERMANENT POWER IS REQUIRED PRIOR TO TELEPHONES BEING INSTALLED.
  - CONTRACTOR SHALL PROVIDE ONSITE CONTACT AVAILABLE TO PROVIDE ACCESS TO TELEPHONE AND DATA COMPANIES. TELEPHONE AND DATA COMPANIES REQUIRE SOMEONE ONSITE ON THE DAY OF INSTALL.
  - CONTRACTOR SHALL PROVIDE ONSITE CONTACT TO PROVIDE PROBLEM RESOLUTION FOR ALL ISSUES PERTAINING TO PHONE/DATA FACILITIES (E.G. CONDUIT PLACEMENT, PULL STRING, BUILDING PENETRATION, SITE ACCESS, ETC).
1. FAMILY DOLLAR CONTACT INFO: DEPARTMENT CENTRAL  
1-866-675-0171 (AVAILABLE 8AM-8PM EST MON-FRI)  
EMAIL: NEWSTORECONSTRUCTION@FAMILYDOLLAR.COM

- COMMUNICATION BOARD KEYED NOTES:**
- CONTRACTOR SHALL PROVIDE 48"x80" COMMUNICATION BOARD MADE OF FIRE RETARDANT PLYWOOD, WITH A UL CLASSIFICATION 014MP THAT MEETS OR EXCEEDS THE REQUIREMENTS FOR CLASS 1 OR CLASS A FLAME-RETARD RATING (IBC 2009 SECTION 1905.3). BOARD SHALL NOT BE PAINTED EXCEPT FOR STENCIL TRANSFER. MOUNT BOARD WITH BRACING AND FASTENERS RATED TO SUPPORT UP TO 775 LBS WEIGHT. COMMUNICATION BOARD SHALL BE MOUNTED VERTICALLY. HORIZONTALLY MOUNTED COMMUNICATION BOARD WILL NOT BE ACCEPTED.
  - 1/4" METAL ANCHOR BOLTS, TYPICAL 8 PLACES.
  - 2" CONDUIT, SCHEDULE 40 PVC, WITH INCOMING TELEPHONE SERVICE
  - CONTRACTOR SHALL PROVIDE 1/2" CU GROUND TO SERVICE GROUND BAR AS REQUIRED FOR GROUNDING OF COMMUNICATION EQUIPMENT. PROVIDE 18" LOOP OF 1/2" GROUND WIRE TERMINATED WITH LUGS.
  - CONTRACTOR SHALL PROVIDE GROUND BAR WITH 7 TERMINALS FOR GROUNDING OF COMMUNICATION EQUIPMENT.
  - NETWORK INTERFACE DEVICE (DEHANC) ON COMMUNICATION BOARD.
  - CONTRACTOR SHALL PROVIDE TWO (2) DUPLEX ISOLATED GROUND RECEPTACLES AND CONNECT TO CIRCUIT RP-2. RECEPTACLES SHALL BE SURFACE MOUNTED. RECEPTACLES SHALL BE 'ORANGE' WITH WHITE COVER PLATES.
  - CONTRACTOR SHALL PROVIDE 25 PAIR (66 CLIPS) TELEPHONE PUNCHDOWN BLOCK AS SHOWN ON COMMUNICATION BOARD DIAGRAM.
  - EPIS HVAC THERMOSTAT LOCATION. CONTRACTOR SHALL INSTALL THERMOSTATS FOR HVAC SYSTEMS. (FIELD VERIFY QUANTITY WITH MECHANICAL PLANS)
  - NOT USED
  - 2" EMPTY CONDUIT, SCHEDULE 40 PVC, WITH NYLON PULLWIRE FOR INCOMING WAN/DATA SERVICE (CABLE, DSL OR T1)
  - TELEPHONE AND DATA CONDUITS SHALL BE STUBBED UP WITHIN 4" OF THE COMMUNICATION BOARD AT 30" AP. CONDUITS SHOULD NOT BE EXPOSED OR LEAVE OF EXTERIOR WALL.
  - DUCT SMOKE DETECTOR REMOTE TEST STATION LOCATION. CONTRACTOR SHALL INSTALL REMOTE TEST STATION.
  - CONTRACTOR SHALL PROVIDE DUPLEX ISOLATED GROUND RECEPTACLE IN WALL, NEXT TO OR ABOVE COMMUNICATION BOARD TO BE USED FOR PAGING SYSTEM. CONNECT TO CIRCUIT RP-4. RECEPTACLE SHALL BE 'ORANGE' WITH WHITE COVER PLATE.

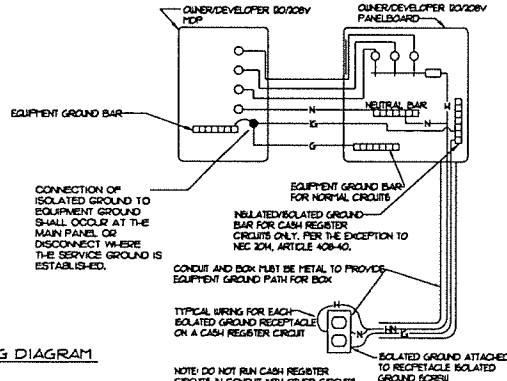
**COMMUNICATION BOARD STENCILING NOTE:**

A STENCIL SHALL BE USED TO MARK THE LOCATIONS OF EQUIPMENT ON THE COMMUNICATION BOARD. ORDER STENCIL DIRECTLY FROM TO BE USED FOR (SPEAK WITH DANNY OR JEREMY AT 531-675-4175) USING ORDER FORM. THE STENCIL COST IS \$5.00 PLUS SHIPPING AND IS TO BE PAID BY CONTRACTOR USING A CREDIT CARD. THERE IS A 48 BUSINESS DAY LEAD TIME. THE STENCIL TRANSFER TAKES LESS THAN 10 MINUTES. RED OR BLACK SPRAY PAINT SHOULD BE USED. IT TAKES LESS THAN 10 CAN OF PAINT PER STENCIL. THE STENCIL SHOULD BE APPLIED PRIOR TO MOUNTING THE BOARD ON THE WALL TO TAKE SURE THE ANCHORS ARE NOT PLACED IN SPACES MARKED FOR EQUIPMENT.

A PHOTO OF THE INSTALLED COMMUNICATION BOARD ALONG WITH THE UL CLASSIFICATION STAMP AND TRANSFERRED STENCIL PRIOR TO ANY EQUIPMENT INSTALLED SHALL BE SENT TO YOUR FAMILY DOLLAR PROJECT MANAGER. NO DEVIATIONS TO THE LAYOUT WILL BE ACCEPTED BY FAMILY DOLLAR. IT IS RESPONSIBILITY OF CONTRACTOR TO ENSURE THAT ALL SUBCONTRACTORS ADHERE TO THIS.

**CASH REGISTER GROUNDING DIAGRAM NOTES**

- CASH REGISTER AND COMPUTER WIRING**
- FURNISH AND INSTALL AN ISOLATED, ISOLATED GROUND BAR IN PANEL. INSTALL AN ISOLATED ISOLATED GROUND WIRE IN EACH BRANCH CIRCUIT FROM MAIN TO PANELBOARD. CONNECT GROUND WIRE FOR CASH REGISTER AND COMPUTER CIRCUITS TO ISOLATED GROUND BAR IN PANELBOARD AND DIRECTLY TO ISOLATED GROUND WIRE/SCREW ON ISOLATED GROUND RECEPTACLES.
- DO NOT CONNECT ISOLATED GROUND WIRE TO BACKWAT OF BOX CONDUIT AND BOX SHALL BE METAL AND METAL-TO-METAL CONNECTORS SHALL BE USED AND FLEX CONDUIT TO ESTABLISH GROUND PATH FOR BOX AND BACKWAT. DO NOT RUN ANY CIRCUITS WITH CASH REGISTER OR COMPUTER WIRING.
- CASH REGISTER DATA SYSTEM CABLE SHALL BE FURNISHED AND INSTALLED BY OTHERS. FURNISH AND INSTALL JUNCTION BOX IN OFFICE AND 7 CONDUIT WITH PULL WIRE TO SALES AREA CEILING CAVITY.



1 CASH REGISTER GROUNDING DIAGRAM  
E-3 SCALE: NONE

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Lawrenceville, GA 30046  
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2665 Elm Hill Rd, 2nd C  
Nashville, TN 37214  
Office: 615-876-0022  
oigengineering.com

**Oliver • Little • Gibson**  
**OIG**  
ENGINEERING, INC.

date: 10/21/13  
project: 13031  
designed: DFB  
drawn: DFB  
checked: AOB

project: 13031  
drawing: 13031-01-001  
sheet: E-3

**R.R.M.M.**  
ARCHITECTS, P.C.  
1317 Executive Blvd, Suite 200  
Chesapeake, VA 23320  
(757)822-3529 / fax (757)822-6883

**FAMILY DOLLAR**  
FAMILY DOLLAR STORE, FDSF 805702  
JONESVILLE, VA  
SCHEDULES, NOTES, & DETAILS

PANEL SCHEDULE											
PANEL NUMBER:	MP										
LOCATION:	STOCKROOM										
DIRECTORY	CIRCUIT NO.	AMPS	W	A	B	C	W	A	B	C	DIRECTORY
RTU-1 (HACR)	1	3.88	-	1.20	20/1	2	ICE CREAM BUNKER				
	3	3.88	-	1.58	20/2	3	REACH-IN COOLER (C1)				
	5	3.88	-	1.58	20/2	6	REACH-IN COOLER (C1)				
RTU-2 (HACR)	7	3.88	-	1.58	20/2	8	REACH-IN COOLER (C2)				
	9	3.88	-	1.58	20/2	10	REACH-IN COOLER (C2)				
	11	3.88	-	1.58	20/2	12	REACH-IN COOLER (C2)				
RTU-3 (HACR)	13	2.54	-	1.58	20/2	14	REACH-IN COOLER (C3)				
	15	2.54	-	1.58	20/2	16	REACH-IN COOLER (C3)				
	17	2.54	-	1.58	20/2	18	REACH-IN COOLER (C3)				
RTU-4 (HACR)	19	3.88	-	1.58	20/2	20	REACH-IN COOLER (C4)				
	21	3.88	-	1.58	20/2	22	REACH-IN COOLER (C4)				
	23	3.88	-	1.58	20/2	24	REACH-IN COOLER (C4)				
RTU-5 (HACR)	25	3.66	-	1.58	20/2	26	REACH-IN FREEZER (F4)				
	27	3.66	-	1.58	20/2	28	REACH-IN FREEZER (F4)				
	29	3.66	-	2.32	30/2	30	REACH-IN FREEZER (F4)				
AIR CURTAIN	31	20/1	1.06	-	2.32	32					
	33	0.00	-	0.00	20/1	34					
REACH-IN FREEZER (F1)	35	40/2	3.82	-	1.50	20/1	36	REACH-IN COOLER (C5)			
	37	3.82	-	1.50	20/1	38	REACH-IN COOLER (C5)				
	39	3.82	-	1.50	20/1	40	BAGGED ICE MACHINE				
REACH-IN FREEZER (F2)	41	40/2	3.82	-	11.28	125/3	42	PANEL RP			
	43	3.82	-	13.27	20/1	44					
	45	0.00	-	0.00	20/1	46					
REACH-IN FREEZER (F3)	47	40/2	3.82	-	0.30	20/1	48	ENERGY MANAGEMENT SYSTEM (E.M.S.)			
	49	3.82	-	3.48	50/1	50	BALER				
	51	0.00	-	3.48	50/1	52					
SPARE	53	20/1	0.00	-	3.48	50/1	54				

MAIN BREAKER:	600A	kW PHASE "A"	58.18
MAIN BUS:	600A	kW PHASE "B"	21.32
VOLTAGE:	240/120V, 3-PHASE	kW PHASE "C"	54.53
A.C.:	22,000	TOTAL kW	134.03
MOUNTING:	SURFACE		

LOAD SUMMARY	Connected kW	Demand Factor	Demand kW
LIGHTING	7.57	1.25	9.46
HVAC	54.58	1.00	54.58
RECEPTACLES	75.72	1.00	75.72
WATER HEATER	2.00	1.00	2.00
COOLER/FREEZER	44.16	1.00	44.16
	134.03		133.92

\*PROVIDE CIRCUIT BREAKER WITH A MEANS OF BEING LOCKED

PANEL SCHEDULE											
PANEL NUMBER:	RP										
LOCATION:	STOCKROOM										
DIRECTORY	CIRCUIT NO.	AMPS	W	A	B	C	W	A	B	C	DIRECTORY
R - SIDEWALK	1	20/1	0.18	-	0.18	20/1	2	R - COMMUNICATIONS BOARD			
R - SIDEWALK	3	20/1	0.18	-	0.18	20/1	4	R - COMMUNICATIONS BOARD			
HVAC SERVICE RECEPTACLES	5	20/1	0.90	-	0.20	20/1	6	DOORBELL			
SPARE	7	20/1	0.00	-	2.00	20/1	8	WATER HEATER			
R - ATM MACHINE	9	20/1	0.36	-	0.36	20/1	10	R - REGISTER			
R - BREAK AREA	11	20/1	1.50	-	0.36	20/1	12	R - REGISTER (ISOLATED)			
R - BREAK AREA	13	20/1	1.50	-	0.36	20/1	14	R - REGISTER			
R - STOCKROOM	15	20/1	0.18	-	0.36	20/1	16	R - REGISTER (ISOLATED)			
SPARE	17	20/1	0.00	-	0.36	20/1	18	R - REGISTER			
R - SHOW WINDOW & PRINTER	19	20/1	0.54	-	0.36	20/1	20	R - REGISTER (ISOLATED)			
SPARE	21	20/1	0.00	-	0.36	20/1	22	R - REGISTER			
HAND DRYER	23	20/1	1.50	-	0.36	20/1	24	R - REGISTER (ISOLATED)			
HAND DRYER	25	20/1	1.50	-	0.00	20/1	26	SPARE			
R - OFFICE (ISOLATED)	27	20/1	0.18	-	0.10	20/1	28	ENERGY MANAGEMENT SYSTEM (E.M.S.)			
R - OFFICE (ISOLATED)	29	20/1	0.18	-	0.10	20/1	30				
R - OFFICE (ISOLATED)	31	20/1	0.18	-	0.10	20/1	32				
OFFICE PLUGMOLD	33	20/1	0.54	-	0.00	20/1	34	SPARE			
OFFICE PLUGMOLD	35	20/1	0.54	-	0.00	20/1	36	SPARE			
R - EAS (ISOLATED)	37	20/1	0.20	-	0.00	20/1	38	SPARE			
R - SECURITY SYSTEM	39	20/1	1.08	-	0.00	20/1	40	SPARE			
SPARE	41	20/1	0.00	-	0.00	20/1	42	SPARE			
SPARE	43	20/1	0.00	-	0.00	20/1	44	SPARE			
EXIT SIGNS / NITE LIGHTS / BKG. LIGHTS	45	20/1	0.30	-	1.20	20/1	46	SIGNAGE (LVL. 3)			
LTO, SALES AREA (LVL. 2)	47	20/1	1.08	-	1.20	20/1	48	FUTURE SIGNAGE (LVL. 3)			
LTO, SALES AREA (LVL. 2)	49	20/1	1.15	-	0.86	20/1	50	LTO, SALES AREA (LVL. 1)			
LTO, SALES AREA (LVL. 4)	51	20/1	0.43	-	0.86	20/1	52	LTO, SALES AREA (LVL. 1)			
LTO, STOCKROOM (LVL. 5)	53	20/1	0.28	-	0.20	20/1	54	LTO, TOILETS / EF-1			

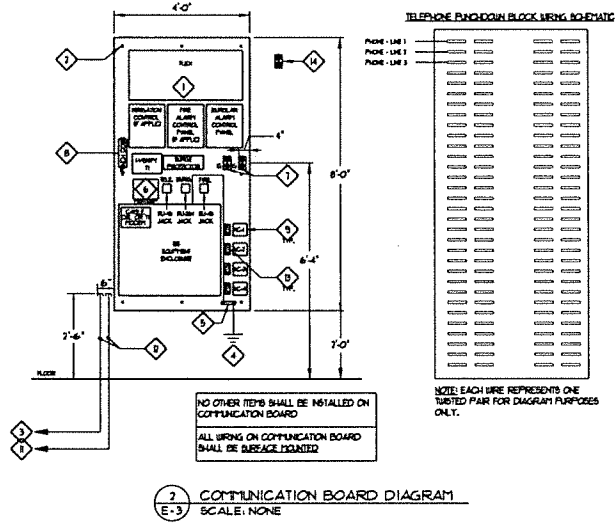
  

MAIN BREAKER:	MLO	kW PHASE "A"	11.28
MAIN BUS:	125A	kW PHASE "B"	13.27
VOLTAGE:	240/120V	TOTAL kW	24.55
A.C.:	22,000		
MOUNTING:	SURFACE		

LOAD SUMMARY	Connected kW	Demand Factor	Demand kW
LIGHTING	7.57	1.25	9.46
HVAC	0.00	1.00	0.00
RECEPTACLES	14.38	1.00	14.38
WATER HEATER	2.00	1.00	2.00
COOLER/FREEZER	0.00	1.00	0.00
	24.55		24.44

\*PROVIDE CIRCUIT BREAKER WITH A MEANS OF BEING LOCKED



**VOID**

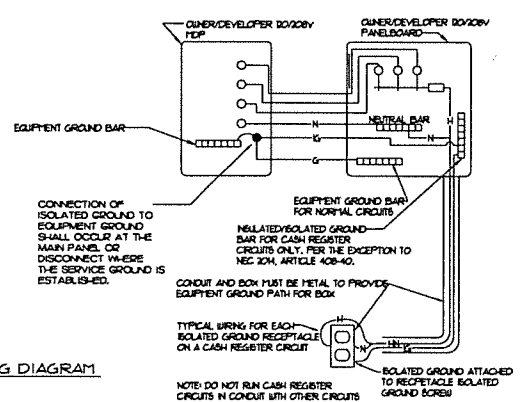
**CASH REGISTER GROUNDING DIAGRAM NOTES**

1. CASH REGISTER AND COMPUTER WIRING

FURNISH AND INSTALL AN ISOLATED GROUND BAR IN PANEL. INSTALL AN ISOLATED GROUND WIRE IN EACH BRANCH CIRCUIT "HOMERUN" TO PANELBOARD. CONNECT GROUND WIRE FOR CASH REGISTER AND COMPUTER CIRCUITS TO ISOLATED GROUND BAR IN PANELBOARD AND DIRECTLY TO ISOLATED GROUND LUGS/SCREW ON ISOLATED GROUND RECEPTACLES.

DO NOT CONNECT "ISOLATED" GROUND WIRE TO RACKWAY OR BOX CONDUIT AND BOX SHALL BE METAL AND METAL-TO-METAL CONNECTORS SHALL BE USED AND FLEX CONDUIT TO ESTABLISH GROUND PATH FOR BOX AND RACKWAY. DO NOT RUN ANY CIRCUITS WITH CASH REGISTER OR COMPUTER BOX CIRCUITS.

CASH REGISTER DATA SYSTEM CABLE SHALL BE FURNISHED AND INSTALLED BY OTHERS. FURNISH AND INSTALL JUNCTION BOX IN OFFICE AND 2" CONDUIT WITH PULL WIRE TO SALES AREA CEILING CAVITY.



1. CASH REGISTER GROUNDING DIAGRAM  
E-3 SCALE: NONE

ALL EXISTING ELECTRICAL EQUIPMENT/DEVICES, AND ASSOCIATED CONDUIT AND WIRING NOT SHOWN ON THIS PLAN OR IN ELECTRICAL RISER ON SHEET E-3 SHALL BE REMOVED COMPLETE.

301 Anderson Blvd  
Nashville, TN 37214  
Office: 615.618.0022  
oliver@little-gipson.com

Oliver • Little • Gipson  
**OILG**  
ELECTRICAL & MECHANICAL

13427 64031  
Site project designed drawn checked  
Date project designed drawn checked  
A06

**RRMM**  
ARCHITECTS, PC  
1317 Executive Blvd, Suite 200  
Chesapeake, VA 23320  
(757) 622-7638 / Fax (757) 622-6883

**FAMILY DOLLAR**  
FAMILY DOLLAR STORE, FDS# 805702  
JONESVILLE, VA  
SCHEDULES, NOTES, & DETAILS

project drawing sheet  
**E-3**



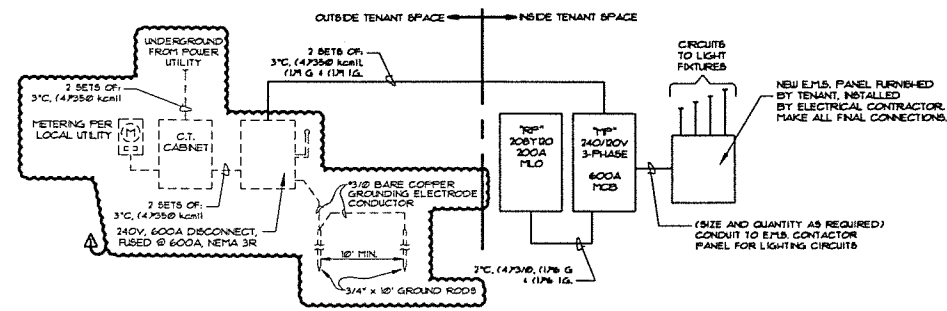
**GENERAL ELECTRICAL NOTES**

1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL AND STATE CODES.
2. ALL MATERIAL, DEVICES, APPLIANCES, AND EQUIPMENT SHALL BE NEW AND SHALL CONFORM TO THE STANDARDS OF THE UNDERWRITER'S LABORATORIES, INC. AND THE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION.
3. ALL ELECTRICAL PERMITS AND INSPECTION FEES SHALL BE OBTAINED AND PAID FOR BY THE ELECTRICAL CONTRACTOR. DRAWINGS ARE DIAGNOSTIC ONLY AND INDICATE ONLY THE GENERAL ARRANGEMENT. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS. DO NOT SCALE PLANS.
4. ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER.
5. ELECTRICAL CONTRACTOR SHALL MAKE ALL ELECTRICAL POWER CONNECTIONS TO HVAC, PLUMBING AND OTHER EQUIPMENT AS REQUIRED.
6. A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC, AND AS SHOWN ON THE DRAWINGS.
7. ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
8. CONDUCTORS SHALL BE COPPER RATED AT NOT LESS THAN 600 VOLTS. MINIMUM SIZE SHALL BE #12 UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALL WIRE 1/2" AND LARGER SHALL BE STRANDED. ALL CONDUCTORS 1/2" AND SMALLER SHALL BE SOLID, UNLESS OTHERWISE NOTED. BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE THHN/THWN OR XHHW AS REQUIRED.
9. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH NEC. TYPE PVC CABLE IS THE PREFERRED WIRING METHOD. USE EMT WHERE PVC IS PROHIBITED. USE RIGID STEEL CONDUIT WHERE EXPOSED OUTDOORS. USE LIQUID TIGHT PVC FOR ALL CONNECTIONS TO MOTORS AND CONDENSING UNITS. MINIMUM CONDUIT SIZE TO BE 3/4". EMT TO RUN ALL ELECTRICAL OVERHEAD IN A NEAT AND ORGANIZED FASHION.
10. PROVIDE A PULLWIRE IN ALL EMPTY CONDUITS.
11. PROVIDE A TYPED DIRECTORY IN ALL PANELBOARDS CLEARLY DESCRIBING THE LOCATION OF AND TYPE OF LOAD BEING SERVED FOR ALL CIRCUITS. PROVIDE ENGRAVED PHENOLIC NAMEPLATES FOR ALL PANELBOARDS AND DISCONNECT SWITCHES. WHITE LETTERS ON BLACK BACKGROUND.
12. WIRES OF 600 AMP SHALL BE UL CLASS "RCK-1" LOW PEAK DUAL ELEMENT THE DELAY WITH 2000/600 AMPERE INTERRUPTING RATING AS MANUFACTURED BY DUBMANN, UNLESS NOTED OTHERWISE.
13. ALL TERMINAL BLOCKS SHALL BE 15" RATED. ALL TERMINALS, SPLICING CONNECTORS, LUGS, ETC SHALL BE IDENTIFIED FOR USE WITH THE MATERIAL (QUALITY) OF THE CONDUCTOR AND SHALL BE PROPERLY INSTALLED.
14. VERIFY ALL REQUIREMENTS AND COORDINATE EXACT LOCATION OF INCOMING ELECTRICAL SERVICE WITH LOCAL POWER COMPANY PRIOR TO PROJECT START-UP. NOTIFY ENGINEER OF ANY CHANGES AS MAY BE REQUIRED.
15. ALL ELECTRICAL DEVICES (SWITCHES AND OUTLETS) SHALL BE "WHITE" WITH WHITE NYLON UNLESS WALL COVER PLATES EXCEPT THAT 15 OUTLETS SHALL BE "ORANGE".
16. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL ELECTRICAL EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, BRICKLE, ETC).
17. PENETRATIONS OF REQUIRED SMOKE PARTITIONS SHALL BE SEALED USING METHODS APPROVED UNDER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS SMOKE STOPPING IS ACCOMPLISHED.
18. WHERE PENETRATIONS ARE MADE THROUGH A REQUIRED FIRE-RESISTIVE WALL, FLOOR, OR PARTITION FOR THE PURPOSE OF RUNNING RACEWAY CARRYING ELECTRICAL, TELEPHONE, TELEVISION, OR LOCAL COMMUNICATION AND/OR SIGNALING CIRCUITS, THE OPENING AROUND THE RACEWAY SHALL BE FIRE STOPPED PER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS FIRE STOPPING IS ACCOMPLISHED. USE APPROVED UL OR EQUIVALENT ASSEMBLIES.
19. IN REQUIRED FIRE RATED WALLS AND PARTITIONS, OPENINGS FOR INSTALLATION OF BOXES THAT ARE GREATER THAN 16 SQUARE INCHES SHALL BE PROTECTED AS REQUIRED BY UL. COORDINATE CLOSELY WITH THE GENERAL CONTRACTOR TO INSURE THAT THE INTEGRITY OF THE UL RATING IS MAINTAINED.
20. WHERE A NOTE RUN IS SHOWN THE CIRCUIT SHALL BE INSTALLED IN A DEDICATED CONDUIT. DO NOT COMBINE WITH OTHER CIRCUITS. WHERE A CIRCUIT HOTLINE IS NOT SHOWN, THE CONTRACTOR SHALL COMBINE CIRCUITS AS FOLLOWS: A MAXIMUM OF THREE 20A BRANCH CIRCUITS MAY BE COMBINED IN A COMMON HOTLINE WITH SEPARATE NEUTRALS FOR A MAXIMUM TOTAL OF SIX CURRENT CARRYING CONDUCTORS. ALL BRANCH CIRCUITS LARGER THAN 20A SHALL BE SEPARATELY HOTLINE TO THE PANEL.
21. EACH DISCONNECT SHALL BE EQUIPPED WITH A GROUND BAR.
22. PROVIDE GREEN EQUIPMENT GROUNDING CONDUCTOR WITH ALL FEEDER AND BRANCH CIRCUITS.
23. DEVICE HEIGHTS INDICATED ARE TO THE CENTER OF THE DEVICE OR EQUIPMENT UNLESS NOTED OTHERWISE. RECEPTACLE AND DATA/TELEPHONE OUTLETS SHOWN ADJACENT ON DRAWINGS SHALL BE MOUNTED 6" APART ON CENTER HORIZONTALLY.
24. COORDINATE ALL DEVICES AND OUTLETS ABOVE OR BELOW WITH CARPENTERS INSTALLATION AND JOBS IN ORDER TO POSITION AT THE PROPER LOCATION AND HEIGHT.
25. ALL EXTERIOR FIXTURES AND DEVICES SHALL BE RATED FOR OPERATION AT 0° F AND SHALL BE DWP OR UET LABELED AS REQUIRED.
26. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL ELECTRICAL EQUIPMENT, DEVICES, ETC. IN ACCORDANCE WITH LOCAL SEISMIC CODE REQUIREMENTS. PROVIDE SEISMIC RESTRAINTS, ACCESSORIES AND INSTALLATION DETAIL AS REQUIRED.
27. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL DETAILS OF THE WORK AND WORKING CONDITIONS. VERIFY ALL FIELD CONDITIONS INCLUDING LOCATION OF UTILITY LINES, STRUCTURES AND ADVISE THE ENGINEER OF ANY DISCREPANCY THAT MAY PREVENT OR HINDER THE SPECIFIED WORK FROM BEING COMPLETED.
28. THE CONTRACTOR SHALL STUDY THE STRUCTURE AND FINISH CONDITIONS AFFECTING THE WORK AND SHALL COORDINATE THE WORK ACCORDINGLY. THE CONTRACTOR SHALL PROVIDE ALL ACCESSORIES, HANGERS, AND ANCHORS AS NECESSARY TO MEET SUCH CONDITIONS WITHOUT ADDITIONAL COST TO THE OWNER.
29. PRIOR TO ACCOMPLISHING ANY WORK IN ANY AREA, ALL WORK SHALL BE PLANNED AND COORDINATED WITH OTHER TRADES AND THE OWNER. THE CONDUIT ROUTING SHALL BE COORDINATED WITH DUCTWORK AND OTHER OBSTACLES SO AS TO PROVIDE THE MOST EFFICIENT AND AESTHETICALLY PLEASING INSTALLATION.
30. PROPERLY SUPPORT ALL WORK AND EQUIPMENT INSTALLED UNDER THIS CONTRACT. STUDY ALL DRAWINGS, MANUFACTURERS' INSTRUCTIONS, AND CATALOG DATA TO DETERMINE HOW EQUIPMENT ACCESSORIES, AND RELATED ITEMS ARE TO BE SUPPORTED, MOUNTED OR HUNG. PROVIDE ALL BOLTS, INSERTS, BRACKETS, STRUCTURAL SUPPORTS, AND ACCESSORIES FOR PROPER SUPPORT OF EQUIPMENT BEING FURNISHED UNDER THIS CONTRACT.

ALL EXISTING ELECTRICAL EQUIPMENT/DEVICES, AND ASSOCIATED CONDUIT AND WIRING NOT SHOWN ON THIS PLAN OR IN ELECTRICAL RISER ON SHEET E-3 SHALL BE REMOVED COMPLETE.

**RISER LEGEND**

---	DASH DOT LINE TYPE INDICATES EXISTING EQUIPMENT TO REMAIN
---	HIDDEN LINE TYPE INDICATES EQUIPMENT FURNISHED AND INSTALLED BY LANDLORD.
—	CONTINUOUS LINE TYPE INDICATES NEW EQUIPMENT TO BE INSTALLED
---	PHANTOM LINE TYPE INDICATES EXISTING EQUIPMENT TO BE RELOCATED



2 RISER DIAGRAM  
E-3 SCALE: NONE

301 Westwood Blvd.  
Tulahoma, TN 37188  
Office: 615-459-9940  
2665 East Hill Blvd. C  
Nashville, TN 37214  
Direct: 615-676-6222  
oigengineering.com

Oliver • Little • Gibson  
**OIG**  
ENGINEERING, INC.

14-212  
64021

DATE PROJECT DESIGNED DRAWN CHECKED

2-11-27  
DATE

LANDLORD CHANGES  
DESCRIPTION

DWG BY

mark  
FRISONS

**R.R.M.M.**  
ARCHITECTS, P.C.

1317 Executive Blvd, Suite 200  
Chesapeake, VA 23320  
(757)622-2828 / Fax (757)622-6883



project drawing sheet

**FAMILY DOLLAR**  
FAMILY DOLLAR STORE, FDSF 805702  
JONESVILLE, VA

NOTES & RISER DIAGRAM

VOID

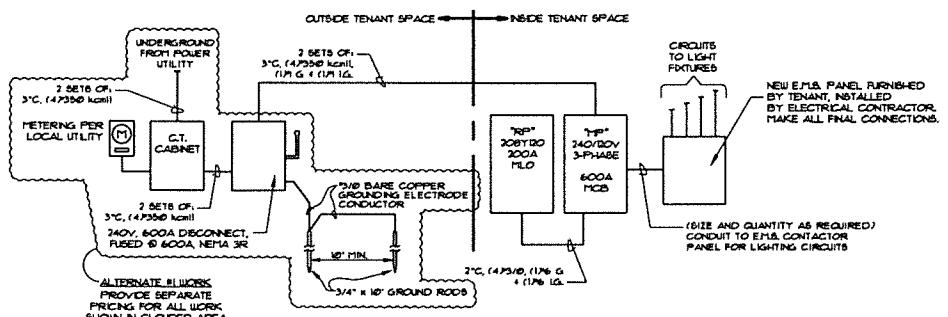
**GENERAL ELECTRICAL NOTES**

1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL AND STATE CODES.
2. ALL MATERIAL, DEVICES, APPLIANCES, AND EQUIPMENT SHALL BE NEW AND SHALL CONFORM TO THE STANDARDS OF THE UNDERWRITERS LABORATORIES, INC. AND THE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION.
3. ALL ELECTRICAL PERMITS AND INSPECTION FEES SHALL BE OBTAINED AND PAID FOR BY THE ELECTRICAL CONTRACTOR. DRAWINGS ARE DIAGNOSTIC ONLY AND INDICATE ONLY THE GENERAL ARRANGEMENT. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS. DO NOT SCALE PLANS.
4. ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER.
5. ELECTRICAL CONTRACTOR SHALL MAKE ALL ELECTRICAL POWER CONNECTIONS TO HVAC, PLUMBING AND OTHER EQUIPMENT AS REQUIRED.
6. A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC, AND AS SHOWN ON THE DRAWINGS.
7. ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
8. CONDUCTORS SHALL BE COPPER RATED AT NOT LESS THAN 600 VOLTS. THINNET SIZE SHALL BE 10 AWG UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALL WIRE 10 AWG AND LARGER SHALL BE STRANDED. ALL CONDUCTORS 10 AWG AND SMALLER SHALL BE SOLID UNLESS OTHERWISE NOTED. BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE THHN/THWN OR XHHW AS REQUIRED.
9. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH NEC. TYPE MC CABLE IS THE PREFERRED WIRING METHOD. USE ENT WHERE MC IS PROHIBITED. USE RIGID STEEL CONDUIT WHERE EXPOSED OUTDOORS. USE LIQUID TIGHT PVC FOR ALL CONNECTIONS TO MOTORS AND CONDENSING UNITS. THINWALL CONDUIT SIZE TO BE 3/4" EC TO RUN ALL ELECTRICAL OVERHEAD IN A NEAT AND ORGANIZED FASHION.
10. PROVIDE A PULLWIRE IN ALL EMPTY CONDUITS.
11. PROVIDE A TYPED DIRECTORY IN ALL PANELBOARDS CLEARLY DESCRIBING THE LOCATION OF AND TYPE OF LOAD BEING SERVED FOR ALL CIRCUITS. PROVIDE ENGRAVED PUNCHED NAMEPLATES FOR ALL PANELBOARDS AND DISCONNECT SWITCHES. WHITE LETTERS ON BLACK BACKGROUND.
12. FUSES 1/2" - 600 AMP'S SHALL BE UL CLASS "RK-1" LOW PEAK DUAL ELEMENT TIME DELAY WITH 200000 AMPERE INTERRUPTING RATINGS AS MANUFACTURED BY DUBBMAN, UNLESS NOTED OTHERWISE.
13. ALL TERMINALS SHALL BE "S" RATED. ALL TERMINALS, SPlicing CONNECTORS, LUGS, ETC SHALL BE IDENTIFIED FOR USE WITH THE MATERIAL (QUAL) OF THE CONDUCTOR AND SHALL BE PROPERLY INSTALLED.
14. VERIFY ALL REQUIREMENTS AND COORDINATE EXACT LOCATION OF INCOMING ELECTRICAL SERVICE WITH LOCAL POWER COMPANY PRIOR TO PROJECT START-UP. NOTIFY ENGINEER OF ANY CHANGES AS MAY BE REQUIRED.
15. ALL ELECTRICAL DEVICES (SWITCHES AND OUTLETS) SHALL BE "WHITE" WITH WHITE NYLON UNBREAKABLE WALL COVER PLATES EXCEPT THAT 15 OUTLETS SHALL BE "ORANGE".
16. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL ELECTRICAL EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, SPACKLE, ETC.).
17. PENETRATIONS OF REQUIRED SPOKE PARTITIONS SHALL BE SEALED USING METHODS APPROVED UNDER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS SPOKE STOPPING IS ACCOMPLISHED.
18. WHERE PENETRATIONS ARE MADE THROUGH A REQUIRED FIRE-RETARDING WALL, FLOOR, OR PARTITION FOR THE PURPOSE OF RUNNING RACEWAY CARRYING ELECTRICAL, TELEPHONE, TELEVISION OR LOCAL COMMUNICATION AND/OR SIGNALING CIRCUITS, THE OPENING AROUND THE RACEWAY SHALL BE FIRE STOPPED PER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS FIRE STOPPING IS ACCOMPLISHED. USE APPROVED UL OR EQUIVALENT ASSEMBLIES.
19. IN REQUIRED FIRE RATED WALLS AND PARTITIONS, OPENINGS FOR INSTALLATION OF BOXES THAT ARE GREATER THAN 16 SQUARE INCHES SHALL BE PROTECTED AS REQUIRED BY UL. COORDINATE CLOSELY WITH THE GENERAL CONTRACTOR TO INSURE THAT THE INTEGRITY OF THE UL-RATING IS MAINTAINED.
20. WHERE A HOPE RUN IS SHOWN THE CIRCUIT SHALL BE INSTALLED IN A DEDICATED CONDUIT. DO NOT COMBINE WITH OTHER CIRCUITS. WHERE A CIRCUIT HOPE RUN IS NOT SHOWN, THE CONTRACTOR SHALL COMBINE CIRCUITS AS FOLLOWS: A MAXIMUM OF THREE 100A BRANCH CIRCUITS MAY BE COMBINED IN A COTTON HOPE RUN WITH SEPARATE NEUTRALS FOR A MAXIMUM TOTAL OF SIX CURRENT CARRYING CONDUCTORS. ALL BRANCH CIRCUITS LARGER THAN 20A SHALL BE SEPARATELY HOPE RUN TO THE PANEL.
21. EACH DISCONNECT SHALL BE EQUIPPED WITH A GROUND BAR.
22. PROVIDE GREEN EQUIPMENT GROUNDING CONDUCTOR WITH ALL FEEDER AND BRANCH CIRCUITS.
23. DEVICE HEIGHTS INDICATED ARE TO THE CENTER OF THE DEVICE OR EQUIPMENT UNLESS NOTED OTHERWISE. RECEPTACLE AND DATA/TELEPHONE OUTLETS SHOWN ADJACENT ON DRAWINGS SHALL BE MOUNTED 6" APART ON CENTER HORIZONTALLY.
24. COORDINATE ALL DEVICES AND OUTLETS ABOVE OR BELOW WITH CASEWORK INSTALLATION AND FOS IN ORDER TO POSITION AT THE PROPER LOCATION AND HEIGHT.
25. ALL EXTERIOR FIXTURES AND DEVICES SHALL BE RATED FOR OPERATION AT 6" F AND SHALL BE DAMP OR WET LABELED AS REQUIRED.
26. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL ELECTRICAL EQUIPMENT, DEVICES, ETC. IN ACCORDANCE WITH LOCAL SEISMIC CODE REQUIREMENTS. PROVIDE SEISMIC RESTRAINTS, ACCESSORIES AND INSTALLATION DETAIL AS REQUIRED.
27. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL DETAILS OF THE WORK AND WORKING CONDITIONS. VERIFY ALL FIELD CONDITIONS INCLUDING LOCATION OF UTILITY LINES, STRUCTURES AND ADVISE THE ENGINEER OF ANY DISCREPANCY THAT MAY PREVENT OR HINDER THE SPECIFIED WORK FROM BEING COMPLETED.
28. THE CONTRACTOR SHALL STUDY THE STRUCTURE AND FINISH CONDITIONS AFFECTING THE WORK AND SHALL COORDINATE THE WORK ACCORDINGLY. THE CONTRACTOR SHALL PROVIDE ALL ACCESSORIES, HANGERS, AND ANCHORS AS NECESSARY TO MEET SUCH CONDITIONS WITHOUT ADDITIONAL COST TO THE OWNER.
29. PRIOR TO ACCOMPLISHING ANY WORK IN ANY AREA, ALL WORK SHALL BE PLANNED AND COORDINATED WITH OTHER TRADES AND THE OWNER. THE CONDUIT ROUTING SHALL BE COORDINATED WITH DUCTWORK AND OTHER OBSTACLES SO AS TO PROVIDE THE MOST EFFICIENT AND AESTHETICALLY PLEASING INSTALLATIONS.
30. PROPERLY SUPPORT ALL WORK AND EQUIPMENT INSTALLED UNDER THIS CONTRACT. STUDY ALL DRAWINGS, MANUFACTURERS INSTRUCTIONS, AND CATALOG DATA TO DETERMINE HOW EQUIPMENT ACCESSORIES, AND RELATED ITEMS ARE TO BE SUPPORTED, MOUNTED OR SUSPENDED. PROVIDE ALL BOLTS, NUTS, BRACKETS, STRUCTURAL SUPPORTS, AND ACCESSORIES FOR PROPER SUPPORT OF EQUIPMENT BEING FURNISHED UNDER THIS CONTRACT.

ALL EXISTING ELECTRICAL EQUIPMENT/DEVICES, AND ASSOCIATED CONDUIT AND WIRING NOT SHOWN ON THIS PLAN OR IN ELECTRICAL RISER ON SHEET E-3 SHALL BE REMOVED COMPLETE.

**RISER LEGEND**

---	DASH DOT LINE TYPE INDICATES EXISTING EQUIPMENT TO REMAIN
---	HIDDEN LINE TYPE INDICATES EQUIPMENT FURNISHED AND INSTALLED BY LANDLORD.
—	CONTINUOUS LINE TYPE INDICATES NEW EQUIPMENT TO BE INSTALLED
- - - -	PHANTOM LINE TYPE INDICATES EXISTING EQUIPMENT TO BE RELOCATED



2 RISER DIAGRAM  
E-3 SCALE: NONE

301 Industrial Blvd.  
Chickasaw, MS 38924  
228-681-1111  
228-681-1112  
228-681-1113  
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228-681-1129  
228-681-1130

Oliver • Little • Gipson  
**OLIG**  
ELECTRICAL, INC.

description  
by  
date  
mark  
revisions

12/22/21  
44321  
DWB  
DWB  
AOS

date  
project  
designed  
drawn  
checked

**RRMM**  
ARCHITECTS, P.C.  
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Chesapeake, VA 23320  
(757) 622-7828 / fax (757) 622-6883

**FAMILY DOLLAR**  
FAMILY DOLLAR STORE, FDSH 805702  
JONESVILLE, LA  
NOTES & RISER DIAGRAM

project  
drawing  
sheet

**E-4**

SYMBOL KEY	
	EXISTING PIPING TO REMAIN
	EXISTING PIPING TO BE REMOVED
	NEW PIPING
	1" ARM-OVER TO NEW SPRINKLER FROM EXISTING 1" OUTLET
	CONNECT TO EXISTING PIPE AND/OR FITTING
	EXISTING SPRINKLER AND ARM-OVER TO BE DEMOLISHED BACK TO OUTLET OR BRANCH LINE UNLESS SHOWN OTHERWISE
	EXISTING BRASS UPRIGHT OR DS, SDR
	EXISTING CHROME PENDENT OR DS, SDR
	NEW CHROME PENDENT ON 3-PIECE TELESCOPING ESCUTCHEON OR DS, SDR
	APPROXIMATE CENTER LINE ELEVATION OF EXISTING PIPE ABOVE FINISHED FLOOR AND/OR BELOW METAL DECK
	RECOMMENDED CENTER LINE ELEVATION OF NEW PIPE ABOVE FINISHED FLOOR, AND/OR BEAM TO HELD TIGHT TO AND/OR BELOW METAL DECK
	RISE FROM LEFT TO RIGHT AND DROP FROM RIGHT TO LEFT
	NO AUTOMATIC SPRINKLER PROTECTION REQUIRED
	NOT IN SCOPE

SEE SHEET FP2 FOR NOTES, DETAILS, AND SPECIFICATION

ALL ARM-OVERS TO NEW SPRINKLERS ARE 1" DIAMETER

- FIRE SPRINKLER DEMOLITION NOTES**
- FIRE SPRINKLER CONTRACTOR'S SCOPE OF WORK SHALL INCLUDE:
    - SHUT DOWN AND DRAINING OF EXISTING SYSTEM.
    - DEMOLITION OF EXISTING SPRINKLERS, PIPING, HANGERS, ETC. WHERE INDICATED ON THE PLANS. CAP ALL UNUSED OUTLETS AS REQUIRED.
  - FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY EXISTING PIPE OR FITTINGS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THEIR WORK AT NO COST TO THE OWNER.

3042 WOODLAND PARK DRIVE, SUITE 200  
ST. LOUIS, MISSOURI 63168-4225  
www.ced.com

date project designed drawn checked  
2/20/12 2/14/12  
date description by date mark initials

date project designed drawn checked  
2/20/12 2/14/12



**RRMM ARCHITECTS, PC**  
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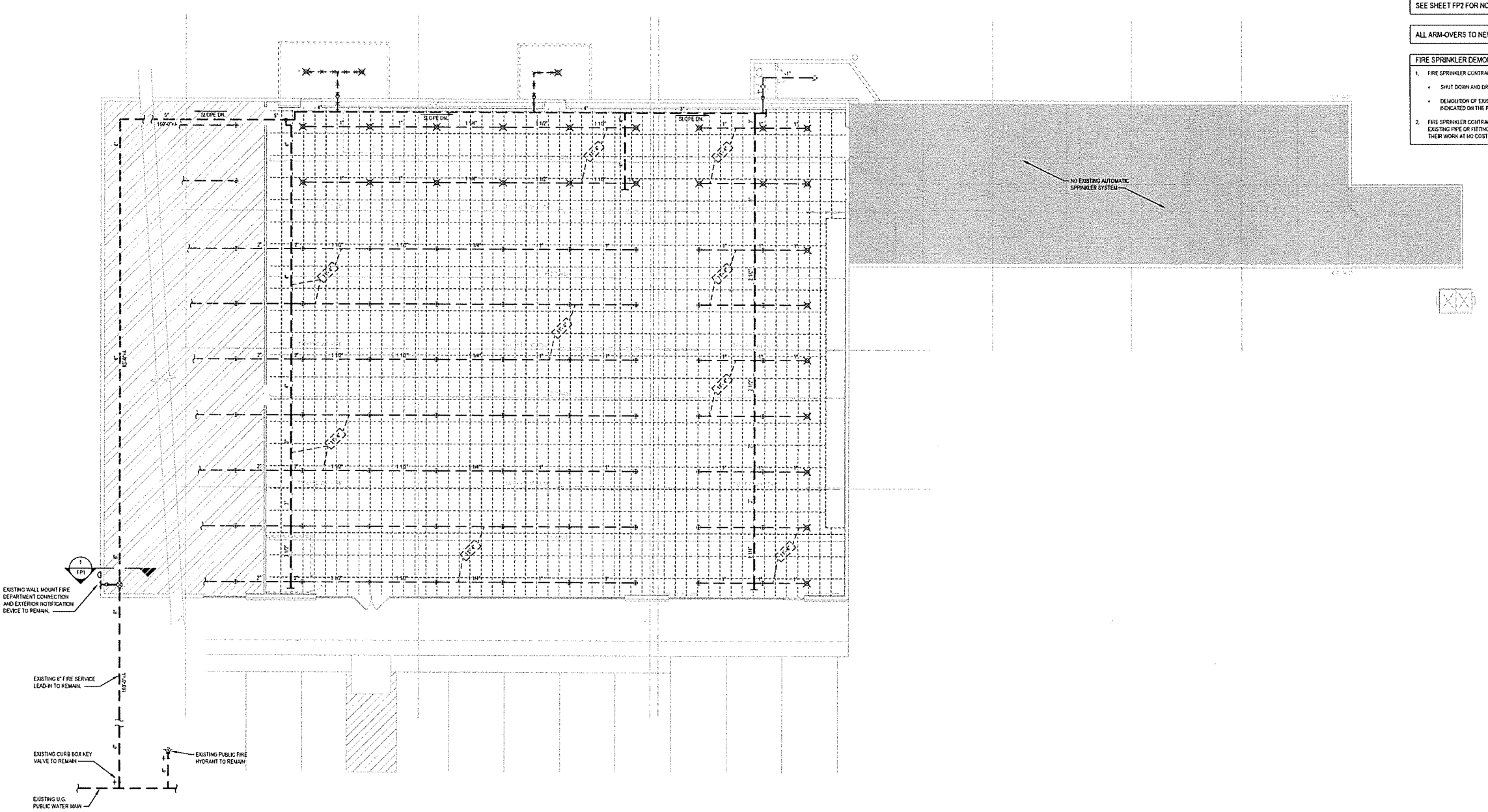


**ENGINEER OF RECORD:**  
JAMES L. KING, PE  
LICENSE NO. 43352  
STATE OF LOUISIANA  
2007/0002

**FAMILY DOLLAR**  
FAMILY DOLLAR STORE, FDSF 805702  
JONESVILLE, LA

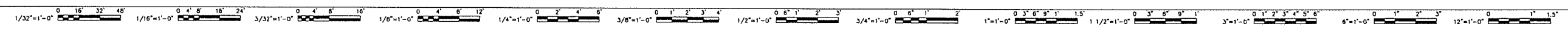
project drawing FIRE SPRINKLER DEMOLITION PLAN

sheet  
**FPD1**



- EXISTING WALL MOUNT FIRE DEPARTMENT CONNECTION AND EXTERIOR NOTIFICATION DEVICE TO REMAIN.
- EXISTING 1" FIRE SERVICE LEAD-IN TO REMAIN.
- EXISTING CURB BOX KEY VALVE TO REMAIN.
- EXISTING U.G. PUBLIC WATER MAIN.
- EXISTING PUBLIC FIRE HYDRANT TO REMAIN.

**FIRE SPRINKLER DEMOLITION PLAN**  
SCALE: 1/8" = 1'-0"  
FIN. FLOOR ELEV. = 100'-0"



SYMBOL KEY	
	EXISTING PIPING TO REMAIN
	EXISTING PIPING TO BE REMOVED
	NEW PIPING
	1' ARM-OVER TO NEW SPRINKLER FROM EXISTING 1' OUTLET
	CONNECT TO EXISTING PIPE AND/OR FITTING
	EXISTING SPRINKLER AND ARM-OVER TO BE DEMOLISHED BACK TO OUTLET ON BRANCH LINE UNLESS SHOWN OTHERWISE
	EXISTING BRASS UPRIGHT ORDS 65R
	EXISTING CHROME PENDANT ORDS 65R
	NEW CHROME PENDANT ON 2-PIECE TELESCOPING ESCUTCHEON ORDS 65R
	APPROXIMATE CENTER LINE ELEVATION OF EXISTING PIPE ABOVE FINISHED FLOOR AND/OR BELOW METAL DECK
	RECOMMENDED CENTER LINE ELEVATION OF NEW PIPE ABOVE FINISHED FLOOR AND/OR BELOW METAL DECK
	PIPE FROM LEFT TO RIGHT AND DROP FROM RIGHT TO LEFT
	NO AUTOMATIC SPRINKLER PROTECTION REQUIRED
	NOT IN SCOPE

SEE SHEET FP2 FOR NOTES, DETAILS, AND SPECIFICATION

ALL ARM-OVERS TO NEW SPRINKLERS ARE 1" DIAMETER

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date: 02/07/23  
 project: 23114-04  
 designed: JAL  
 drawn: JAL  
 checked: JAL  
 mark: JAL  
 revisions: JAL

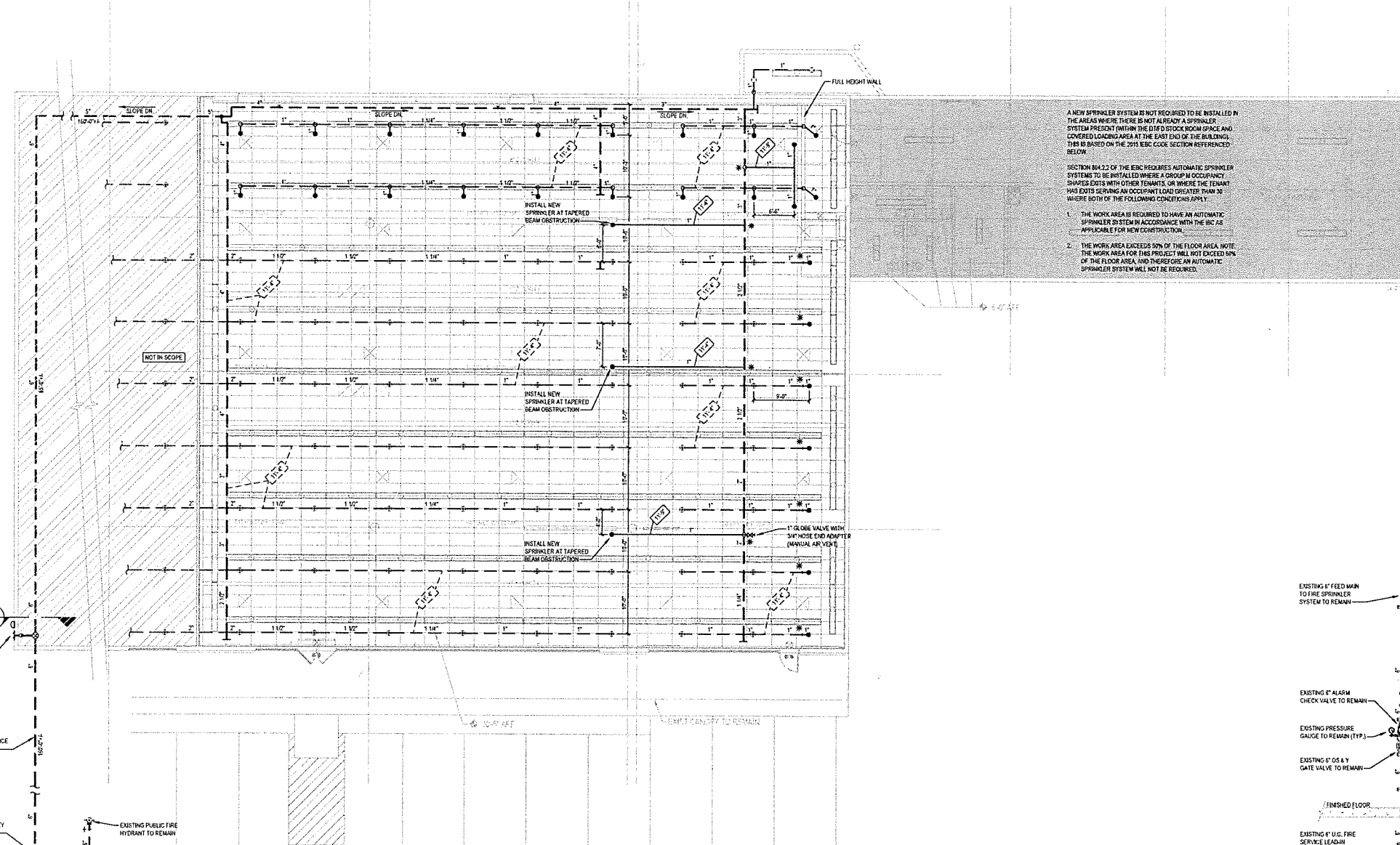
date: 02/07/23  
 project: 23114-04  
 designed: JAL  
 drawn: JAL  
 checked: JAL

**RMM ARCHITECTS, P.C.**  
 1317 Executive Blvd, Suite 200  
 Chesapeake, VA 23320  
 (757) 622-5853 fax (757) 622-5883



ENGINEER OF RECORD:  
 JAMES L. KINS, PE  
 LICENSE NO. 43752  
 STATE OF VIRGINIA

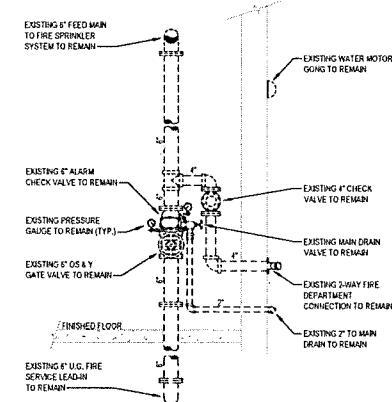
project: FAMILY DOLLAR STORE - NEW WORK  
 drawing: FIRE SPRINKLER PLAN - NEW WORK  
 sheet: FP1



A NEW SPRINKLER SYSTEM IS NOT REQUIRED TO BE INSTALLED IN THE AREAS WHERE THERE IS NOT ALREADY A SPRINKLER SYSTEM PRESENT (WITHIN THE DFD STOCK ROOM SPACE AND COVERED LOADING AREA AT THE EAST END OF THE BUILDING). THIS IS BASED ON THE 2015 IBC CODE SECTION REFERENCED BELOW.

SECTION 804.3.2 OF THE IBC REQUIRES AUTOMATIC SPRINKLER SYSTEMS TO BE INSTALLED WHERE A GROUP M OCCUPANCY, SHARED EXITS WITH OTHER TENANTS, OR WHERE THE TENANT HAS EXITS SERVING AN OCCUPANT LOAD GREATER THAN 30 WHERE BOTH OF THE FOLLOWING CONDITIONS APPLY:

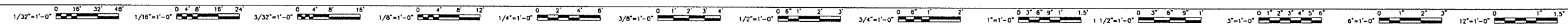
1. THE WORK AREA IS REQUIRED TO HAVE AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH THE IBC AS APPLICABLE FOR NEW CONSTRUCTION.
2. THE WORK AREA EXCEEDS 50% OF THE FLOOR AREA. NOTE: THE WORK AREA FOR THIS PROJECT WILL NOT EXCEED 50% OF THE FLOOR AREA AND THEREFORE AN AUTOMATIC SPRINKLER SYSTEM WILL NOT BE REQUIRED.



ELEVATION AT EXISTING FIRE SPRINKLER RISER  
 NOT TO SCALE FIN. FLOOR ELEV. = 100'-0"  
 (FOR REFERENCE ONLY)

NOTE:  
 NO WORK ANTICIPATED AT THE EXISTING FIRE SPRINKLER RISER. ANY WORK OUTSIDE THE PROPOSED FAMILY DOLLAR TENANT SPACE IS TO BE PROVIDED BY THE LANDLORD.

FIRE SPRINKLER PLAN - NEW WORK  
 SCALE: 1/4" = 1'-0"  
 FIN. FLOOR ELEV. = 100'-0"



SECTION 13100 - FIRE SPRINKLER SYSTEMS

PART 1 - GENERAL

- 1.01 SUMMARY
- A. RELATED DOCUMENTS: CONDITIONS OF THE CONTRACT, DIVISION 1 - GENERAL REQUIREMENTS AND DRAWINGS APPLY TO THE WORK OF THIS SECTION.

1.02 DESCRIPTION OF WORK

- A. PROVIDE ALL REQUIRED LABOR, MATERIALS, EQUIPMENT, TESTING AND SERVICES NECESSARY FOR A COMPLETE AND OPERATIONAL REMODELED FIRE PROTECTION SYSTEM FOR THE PROPOSED SPACE AS HEREINAFTER DESCRIBED AND AS SHOWN ON THE ENGINEERING DRAWINGS.
- B. WORK SHALL BEGIN AT WHERE INDICATED AND SHALL INCLUDE THE FOLLOWING:
  1. REMODELED WET PIPE FIRE SPRINKLER SYSTEM FOR FAMILY DOLLAR TENANT SPACE WHERE SHOWN ON THE DRAWINGS.
  2. COORDINATION OF WORK AND SCHEDULES WITH OTHER TRADES.
- C. INTERIOR WORK - PROVIDE THE FOLLOWING:
  1. OVERHEAD PIPE, FITTINGS, HANGERS AND SPRINKLERS
  2. TEST CONNECTIONS AND AUXILIARY DRAINS.
- D. IT IS INTENDED THAT THE ENGINEERING DRAWINGS AND SPECIFICATION SHALL DESCRIBE AND PROVIDE FOR A WORKING INSTALLATION COMPLETE IN EVERY DETAIL AND ALL ITEMS NECESSARY FOR SUCH COMPLETE INSTALLATION SHALL BE PROVIDED WHETHER OR NOT SPECIFICALLY MENTIONED HEREIN OR SHOWN ON THE ENGINEERING DRAWINGS.

1.03 REFERENCES

- A. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REFERENCED DESIGN STANDARDS.
  1. INTERNATIONAL BUILDING CODE - 2011 EDITION
  2. INTERNATIONAL FIRE CODE - 2015 EDITION
  3. NFPA 13, SPRINKLER SYSTEMS - 2013 EDITION

1.04 SYSTEM DESCRIPTION

- A. REMODELED FIRE SPRINKLER SYSTEM DESIGN CRITERIA SHALL BE STRICTLY PER THIS SPECIFICATION.
- B. REMODELED FIRE SPRINKLER SYSTEM TO PROVIDE FIRE PROTECTION FOR THE AREAS INDICATED ON THE ENGINEERING DRAWINGS.
- C. INTERFACE REMODELED FIRE SPRINKLER SYSTEM WITH BUILDING FIRE AND SMOKE ALARM SYSTEMS.
- D. HAZARD AREA (ORDINARY HAZARD GROUP 2) WET PIPE FIRE SPRINKLER SYSTEM:
  - SYSTEM SHALL MAINTAIN ORDINARY HAZARD PIPE SCHEDULE
- E. SPRINKLER SPACING SHALL BE AS SHOWN ON THE ENGINEERING DRAWINGS.
- F. EXISTING FIRE DEPARTMENT CONNECTION TO REMAIN.
- G. PROVIDE ALL NECESSARY OFFSETS, RAISES OR DROPS IN MAIN OR BRANCH LINE PIPING AND AUXILIARY DRAINS REQUIRED BY BUILDING CONDITIONS WHETHER OR NOT SHOWN ON THE ENGINEERING DRAWINGS.
- H. EXAMINE THE JOB CONDITIONS AND VERIFY ALL MEASUREMENTS, DISTANCES, ELEVATIONS, CLEARANCES, PIPE SIZES, ETC.
- I. IT IS UNDERSTOOD, UNLESS SPECIFICALLY INDICATED OTHERWISE, THAT THE PIPE SIZES AS SHOWN ON THE ENGINEERING DRAWINGS WILL BE USED.

1.05 QUALITY ASSURANCE

- A. INSTALLER QUALIFICATIONS
  1. INSTALLER'S RESPONSIBILITIES INCLUDE PREPARING SHOP DRAWING SUBMITTAL, FABRICATING AND INSTALLING SPRINKLER SYSTEMS.
- B. INSTALLER SHALL BE STATE AND LOCALLY LICENSED.
- C. EQUIPMENT AND COMPONENTS NOT SPECIFICALLY SPECIFIED SHALL BE LISTED BY UNDERWRITERS LABORATORIES INC. FOR FIRE PROTECTION SYSTEMS INSTALLATION.
- D. ALL FIRE SPRINKLER SYSTEM COMPONENTS SHALL BE INSTALLED FREE OF ANY RUST, CORROSION OR VISIBLE DAMAGE. ALL ITEMS NOT COMPLYING WITH THIS REQUIREMENT SHALL BE REPLACED WITHOUT COST TO THE OWNER.

1.06 PROJECT CONDITIONS

- A. INTERRUPTION OF EXISTING SPRINKLER SERVICE DO NOT INTERRUPT SPRINKLER SERVICE TO FACILITIES OCCUPIED BY OWNER OR OTHERS UNLESS PERMITTED UNDER THE FOLLOWING CONDITIONS AND THEN ONLY AFTER ARRANGING TO PROVIDE TEMPORARY SPRINKLER SERVICE ACCORDING TO REQUIREMENTS INDICATED:
  1. NOTIFY CONSTRUCTION MANAGER IN ADVANCE OF PROPOSED INTERRUPTION OF SPRINKLER SERVICE.
  2. DO NOT PROCEED WITH INTERRUPTION OF SPRINKLER SERVICE WITHOUT CONSTRUCTION MANAGER'S WRITTEN PERMISSION.
  3. PROVIDE TEMPORARY PIPING, FITTINGS AND VALVES AS REQUIRED TO MAINTAIN SPRINKLER SERVICE.

1.07 REGULATORY REQUIREMENTS

- A. ALL WORK SHALL MEET THE REQUIREMENTS OF SECTION 1.03.
- B. THE FIRE SPRINKLER CONTRACTOR SHALL NOT PURSUE ANY APPROVALS OR INTERPRETATIONS OF CODES CONSTRUCTION DOCUMENTS EXCEPT THROUGH THE CONTRACTOR'S MATERIAL AND TEST CERTIFICATE HAS BEEN OBTAINED.
- C. SPRINKLER PIPING SHALL NOT BE CONCEALED WHERE IT IS NECESSARY UNLESS IT IS FIRST INSPECTED AND ACCEPTED BY A REPRESENTATIVE OF THE AUTHORITY HAVING JURISDICTION.
- D. ANY WORK PERFORMED PRIOR TO THE SATISFACTORY REVIEW BY CCI AND APPROVAL BY THE AUTHORITY HAVING JURISDICTION AND THE INSURANCE UNDERWRITER WILL BE SOLELY AT THE FIRE SPRINKLER CONTRACTOR'S RISK.
- E. THE SYSTEM WILL NOT BE ACCEPTABLE UNTIL FINAL TESTING AND ACCEPTANCE OF THE CONTRACTOR'S MATERIAL AND TEST CERTIFICATE HAS BEEN OBTAINED.

1.08 SUBMITTALS

- A. THE ENGINEERING DRAWINGS HAVE BEEN PREPARED USING AUTOCAD. THE ENGINEERING DRAWINGS ARE 100% CAD. THESE DOCUMENTS WILL BE MADE AVAILABLE TO THE SUCCESSFUL FIRE SPRINKLER CONTRACTOR IN EITHER ELECTRONIC FORM OR HARD COPY. UTILIZATION OF THESE DOCUMENTS FOR THE DEVELOPMENT OF SHOP DRAWINGS AND SUBMITTALS DOES NOT RELIEVE THE FIRE SPRINKLER CONTRACTOR FROM ANY OF HIS RESPONSIBILITIES REQUIRED HEREIN.
  1. SHOP DRAWINGS: SUBMIT IN PDF FORMAT OR TWO (2) HARD COPIES OF EACH DRAWING. DRAWINGS WILL BE RETURNED IN THE SAME FORMAT RECEIVED; SUBMITTAL MUST BE COMPREHENSIVE OF ENTIRE PROJECT, COMPLETE IN ALL DETAIL AND THE SAME SCALE AS THE ENGINEERING DRAWINGS.
  2. MANUFACTURER'S LITERATURE ON ALL SYSTEM EQUIPMENT: SUBMIT IN PDF FORMAT OR TWO (2) HARD COPIES OF THE LITERATURE. LITERATURE WILL BE RETURNED IN THE SAME FORMAT AS RECEIVED. LITERATURE SHALL CLEARLY IDENTIFY EXACTLY WHAT COMPONENTS ARE BEING PROVIDED WHICH SHALL INCLUDE: FINISH, SIZE, TYPE, OPTIONS, ETC. LITERATURE WHICH IS NOT CLEARLY IDENTIFIED WILL BE REJECTED.
- B. CCI WILL REVIEW THIS SUBMITTAL FOR CONSISTENCY WITH CCI'S CONSTRUCTION DOCUMENTS.
- D. AFTER THE SATISFACTORY REVIEW BY CCI, PROVIDE SUBMITTALS TO THE AUTHORITY HAVING JURISDICTION AND THE INSURANCE UNDERWRITER FOR APPROVAL.
- E. THE FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR RESPONDING IN WRITING TO ANY COMMENTS FROM THE AUTHORITY HAVING JURISDICTION OR THE INSURANCE UNDERWRITER WITHIN TEN (10) WORKING DAYS AFTER THE RECEIPT OF THEIR COMMENTS. COPIES OF THE RESPONSE SHALL BE SENT TO THE GENERAL CONTRACTOR AND CCI.

1.09 AS-BUILT DRAWINGS

- A. PROVIDE AS-BUILT DRAWINGS IN ACCORDANCE WITH REQUIREMENTS OF THE GENERAL CONDITIONS OF THE CONTRACT AND NFPA 13.

1.10 OPERATION AND MAINTENANCE DATA

- A. PROVIDE OPERATING AND MAINTENANCE INSTRUCTIONS TO THE OWNER IN ACCORDANCE WITH REQUIREMENTS OF THE GENERAL CONDITIONS OF THE CONTRACT AND NFPA 13.

1.11 WARRANTY

- A. REPAIR ALL DEFECTIVE WORKMANSHIP OR REPLACE ALL DEFECTIVE MATERIALS FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER. WORKMANSHIP OR EQUIPMENT FOUND TO BE DEFECTIVE DURING THAT PERIOD SHALL BE REPLACED WITHOUT COST TO THE OWNER.

PART 2 - PRODUCTS

2.01 PIPING

- A. UNDERGROUND PIPING NONE.
- B. OVERHEAD PIPE: PER LOCAL REQUIREMENTS AND NFPA 13. ALL PIPE SHALL HAVE A CORROSION RESISTANCE RATIO (CRR) EQUAL TO OR GREATER THAN 1.06. REFER TO THE CURRENT IBC FIRE PROTECTION EQUIPMENT DIRECTORY - STEEL SPRINKLER PIPE FOR ACCEPTABLE MANUFACTURERS, SIZES, AND JOINING METHODS.

2.02 JOINING OF PIPE AND FITTINGS

- A. ALL PIPE SHALL BE JOINED IN ACCORDANCE WITH NFPA 13 AND MANUFACTURER'S RECOMMENDATIONS.
- B. FITTINGS SHALL BE 175 PSI SCREWED OR FLANGED BLACK CAST IRON OR APPROVED EQUAL, SUCH AS MECHANICAL, GROOVED, PLAIN END OR WELDED CONNECTIONS, WHERE GROOVED FITTINGS AND COUPLINGS ARE USED TOGETHER, THEY SHALL BE OF THE SAME MANUFACTURER.
- C. BUSHINGS SHALL NOT BE USED.
- D. FLEXIBLE COUPLINGS SHALL BE IDENTIFIED ON THE SHOP DRAWINGS.

2.03 HANGERS AND SLEEVES

- A. PROVIDE PHINEX ESCUTCHEON PLATES AT ALL WALL PENETRATIONS WHERE THE HOLE WOULD OTHERWISE BE EXPOSED TO VIEW.
- B. ALL HANGERS TO BE OF APPROVED MATERIALS AND SPACED IN ACCORDANCE WITH NFPA 13 AND THE PIPING MANUFACTURER'S SPECIFICATIONS.
- C. THE SECTION MODULUS REQUIRED BY NFPA 13 SHALL BE PROVIDED FOR ALL TRAPEZE MEMBERS SUPPORTING PIPING.

2.04 VALVES

- A. INTERIOR VALVES
  1. GLOBE VALVE: BRONZE THREADED, RENEWABLE COMPOSITION (NSC 175 PSI) RATED WORKING PRESSURE.
    - ACCEPTABLE MANUFACTURERS: CRANE, MILWAUKEE, WISCO, STOCKHAM OR APPROVED EQUAL.

2.05 SPRINKLERS

- A. TYPES
  1. CHROME PENDENT - GLASS BULB STANDARD RESPONSE PENDENT SPRINKLER WITH POLISHED CHROME 2-PIECE TELESCOPING ESCUTCHEON.
  2. BRASS UPRIGHT - GLASS BULB STANDARD RESPONSE UPRIGHT SPRINKLER.
- B. ACCEPTABLE MANUFACTURERS: GLOBE, RELIABLE, TYCO, VICTAULIC AND WING.
- C. ONLY SPRINKLERS MANUFACTURED AFTER JANUARY 1, 2001 WILL BE ACCEPTED FOR USE.
- D. ONLY SPRINKLERS MANUFACTURED UTILIZING BELLEVILLE SPRING SEALS WILL BE ACCEPTABLE FOR USE.
- E. PROVIDE AT THE RISER ONE (1) SIX (6) HEAD SPARE SPRINKLER CABINET STOCKED WITH SPRINKLERS AND ESCUTCHEON ASSEMBLIES PROPORTIONATE TO THOSE PROVIDED IN THE BUILDING AND ALL NECESSARY SPRINKLER WRENCHES.
- F. IF FLEXHEAD OR A SIMILAR PRODUCT IS USED, HYDRAULIC CALCULATIONS SHALL INCLUDE THE ADDITIONAL FRICTION LOSS, AND PIPE SIZES ADJUSTED IF REQUIRED AT NO ADDITIONAL COST.

2.06 SIGNS

- A. APPROVED ENAMELED METAL SIGNS SHALL BE SECURELY ATTACHED AT ALL MAIN DRAINS. AUXILIARY DRAINS ALARM TEST CONNECTIONS AND CONTROL VALVES. (SIGNS SHALL INDICATE WHICH ZONE THEY SERVE.)
- B. PROVIDE A PERMANENTLY ATTACHED PLACARD INDICATING GENERAL INFORMATION IN ACCORDANCE WITH NFPA 13 AND PLACED AT THE RISER. A MOUNT-UP PLACARD SHALL BE INCLUDED WITH EQUIPMENT LITERATURE.
- C. PROVIDE IN SPRINKLER RISER ROOM A PLAN INDICATING THE AREAS SERVED BY CONTROL VALVE. THE PLAN SHALL ALSO INCLUDE THE LOCATION OF EACH LOW POINT OR AUXILIARY DRAIN VALVE. THE PLAN SHALL CLEARLY IDENTIFY THE SYSTEM ASSOCIATED WITH EACH LOW POINT AND AUXILIARY DRAIN VALVE. THIS PLAN SHALL BE FRAMED WITH A PLAIN GLASS COVER AND SHALL BE PERMANENTLY ATTACHED TO A WALL. PLAN SHALL BE LARGE ENOUGH TO CLEARLY DEFINE THE AREAS PROTECTED BY SYSTEM.

2.07 DRAIN CONNECTIONS

- A. AUXILIARY DRAINS CONSISTING OF PLYGOS OR GLOBE VALVES AND PLYGOS WHERE CAPACITY OF TRAPPED PIPE SECTION EXCEEDS 3 GALLONS, SHALL BE PROVIDED TO DRAIN ALL POINTS IN THE SYSTEM THAT CANNOT BE DRAINED BACK TO MAIN RISER.

2.08 ALARM TEST CONNECTION

- A. PROVIDE ALARM TEST CONNECTIONS FOR THE SYSTEM AS REQUIRED.

PART 3 - EXECUTION

3.01 COORDINATION WITH OTHER TRADES

- A. COORDINATE CLOSELY WITH ALL OTHER TRADES TO EXPEDITE CONSTRUCTION AND AVOID INTERFERENCE.

3.02 PAINTING AND PATCHING

- A. PAINTING OF SPRINKLER PIPING IS NOT INCLUDED IN THIS CONTRACT. ALL EXPOSED SPRINKLER PIPING SHALL BE THOROUGHLY CLEANED, REMOVING ALL OIL, ETC., AND MADE READY TO RECEIVE PAINT IN ACCORDANCE WITH THE GENERAL CONDITIONS OF THE CONTRACT.
- B. HOLES IN WALLS OR FLOORS CUT DURING THE PERFORMANCE OF THIS WORK SHALL BE PATCHED IF THE HOLES CANNOT BE COVERED BY STANDARD ESCUTCHEON PLATES SO AS TO COMPLETELY CONCEAL THE CUTS WHERE THEY WOULD OTHERWISE BE EXPOSED TO VIEW.
- C. FIRE STOP ALL PENETRATIONS OF FIRE RATED ASSEMBLIES.

3.03 SYSTEM TESTS

- A. HYDROSTATICALLY TEST ENTIRE SYSTEM IN ACCORDANCE WITH NFPA 13.
- B. TEST SHALL BE WITNESSED BY THE AUTHORITY HAVING JURISDICTION AND OWNER'S AUTHORIZED AGENT.
- C. PRELIMINARY TESTING PROCEDURES SHALL BE CONDUCTED AS MENTIONED ABOVE TO ASSURE PROPER OPERATION WHEN THE FINAL TESTING IS PERFORMED.
- D. THE CONTRACTOR'S MATERIAL AND TEST CERTIFICATES AS SHOWN IN NFPA 13 MUST BE COMPLETED AND SUBMITTED TO THE ENGINEER BEFORE FINAL ACCEPTANCE MAY BE GIVEN.
- E. WHEN THE SYSTEMS ARE INITIALLY COMMISSIONED (FILLED WITH WATER), USE THE MANUAL AIR VENT AND HOSE END ADAPTER AT THE END OF EACH SYSTEM. ATTACH A HOSE TO THE EXTERIOR AND OPEN THE VALVE UNTIL WATER IS DISCHARGED THROUGH THE HOSE. REPEAT THIS PROCEDURE FOR EACH SYSTEM AND ANY TIME THE SYSTEM IS DRAINED AND RE-FILLED.

END OF SECTION

HANGER NOTES

1. ALL HANGERS TO BE OF APPROVED MATERIALS AND SPACED IN ACCORDANCE WITH NFPA 13 AND THE PIPING MANUFACTURER'S SPECIFICATIONS.

CONSTRUCTION NOTES

1. DURING CONSTRUCTION, FIRE SPRINKLER CONTRACTOR SHALL KEEP FIRE SPRINKLER SYSTEMS OUT OF CONSTRUCTION AREA FULLY CHARGED AND OPERATIONAL DURING BUSINESS HOURS.
2. COORDINATE REQUIRED SHUT-DOWNS OF THE EXISTING SYSTEMS WITH THE OWNER, INSURANCE UNDERWRITER, AND FIRE DEPARTMENT.
3. PROVIDE TEMPORARY PIPING AND FITTINGS AS REQUIRED TO MAINTAIN SERVICE TO FIRE SPRINKLER SYSTEMS DURING CONSTRUCTION.
4. COORDINATE CONSTRUCTION PHASES WITH OWNER AND GENERAL CONTRACTOR.

FIRE SPRINKLER DEMOLITION NOTES

1. FIRE SPRINKLER CONTRACTOR'S SCOPE OF WORK SHALL INCLUDE:
  - SHUT DOWN AND DRAINING OF EXISTING SYSTEM.
  - DEMOLITION OF EXISTING SPRINKLERS, PIPING, HANGERS, ETC. WHERE INDICATED ON THE PLANS. CAP ALL UNUSED OUTLETS AS REQUIRED.
2. FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY EXISTING PIPE OR FITTINGS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THEIR WORK AT NO COST TO THE OWNER.

MAXIMUM HANGER SPACING

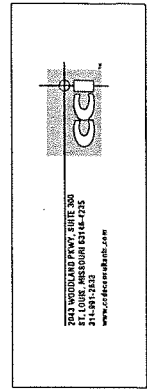
- 1" - 1 1/2" BLACK STEEL PIPE - 12 FT MAXIMUM HANGER SPACING
- 1 1/2" - 2" BLACK STEEL PIPE - 15 FT MAXIMUM HANGER SPACING

GENERAL NOTES

1. PROVIDE ALL NECESSARY OFFSETS, RAISES OR DROPS IN PIPING AND AUXILIARY DRAINS REQUIRED BY BUILDING CONDITIONS WHETHER OR NOT SHOWN ON THE DRAWINGS.
2. EXAMINE THE JOB CONDITIONS AND VERIFY ALL MEASUREMENTS, DISTANCES, ELEVATIONS, CLEARANCES, PIPE SIZES, ETC.
3. ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL BACKGROUND INFORMATION IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO THE PROPER DRAWINGS FOR EXACT LOCATIONS, SIZES, AND QUANTITIES OF OTHER TRADES' WORK.
4. THE ENGINEERING DRAWINGS HAVE BEEN PREPARED USING AUTOCAD. THE DRAWINGS ARE 100% CAD. THESE DOCUMENTS WILL BE MADE AVAILABLE TO THE SUCCESSFUL FIRE SPRINKLER CONTRACTOR IN EITHER ELECTRONIC FORM OR HARD COPY.
5. SUPPLY ONLY ONE (1) SPRINKLER FROM A SINGLE BRANCH LINE OUTLET. PROVIDE NEW BRANCH LINES AS REQUIRED.
6. SPRINKLERS NEAR A HEAT SOURCE (UNIT HEATERS, DPFUSERS, STEAM MAINS, ETC.) SHALL HAVE TEMPERATURE RATINGS IN ACCORDANCE WITH NFPA 13.
7. IT IS UNDERSTOOD, UNLESS SPECIFICALLY INDICATED OTHERWISE, THAT THE PIPE SIZES AS SHOWN ON THE BID DOCUMENTS WILL BE USED.
8. ALL UNUSED OUTLETS ON EXISTING BRANCH LINES SHALL BE PLUGGED.

SPRINKLER NOTES

1. ALL SPRINKLERS ARE 5.8 K FACTOR.
2. SPRINKLER SPACING IN LIGHT HAZARD AREAS - MAXIMUM 225 SQ FT PER SPRINKLER AND MAXIMUM 15 FT BETWEEN SPRINKLERS.
3. SPRINKLER SPACING IN ORDINARY HAZARD AREAS - MAXIMUM 130 SQ FT PER SPRINKLER AND MAXIMUM 15 FT BETWEEN SPRINKLERS.



DATE	PROJECT	DESIGNED	DATE	DATE	DATE
07/07/2017	2714-04	ONE	DATE	DATE	DATE
			check	mark	revision

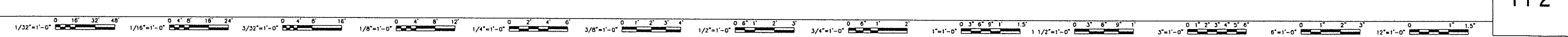
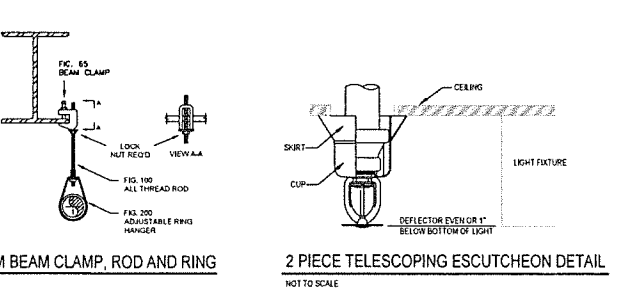
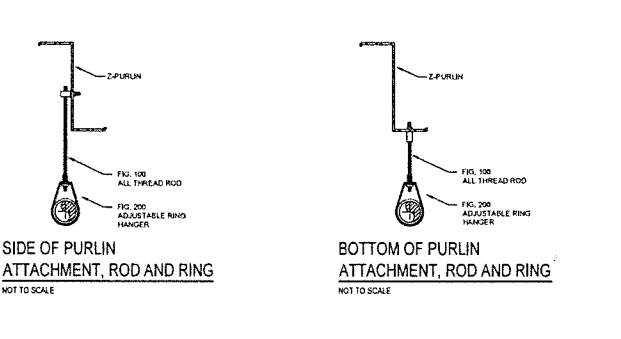
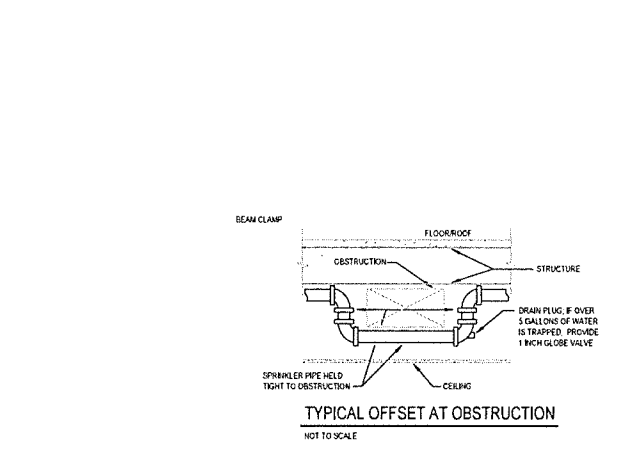
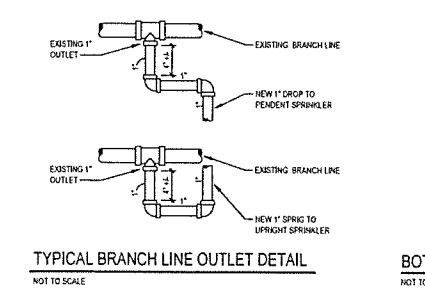
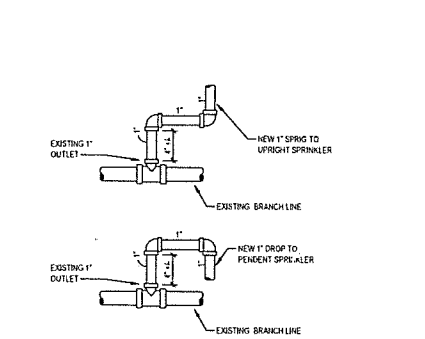
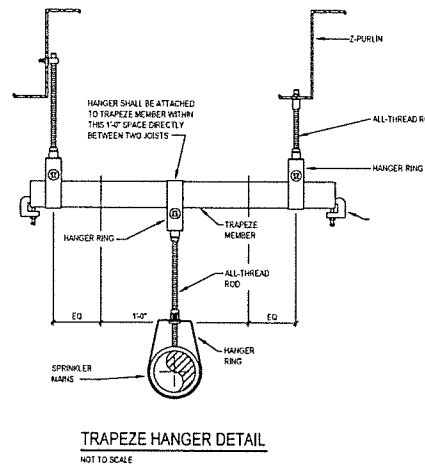
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**JAMES L. KING, DWS**  
 License No. 45334

ENGINEER OF RECORD:  
**JAMES L. KING, DWS, PE**  
 License No. 45334

**FAMILY DOLLAR STORE, FDS# 805702**  
 JONESVILLE, LA

PROJECT: FIRE SPRINKLER SPECIFICATION, NOTES AND DETAILS  
 DRAWING: FP2





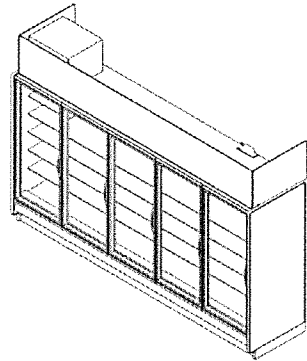
# REACH-IN FREEZER/COOLER UNIT

## JNRBHS A

High Narrow Reach-In Self Contained Merchandiser  
1, 2, 3, 4, 5 Door & 4' (Dairy/Deli/Beverage)

### GENERAL NOTES:

- Lighting Controls and Anti-Sweat Heat Controls are Required
- Option 1 - OEM Provided
- Occupancy Sensor Based Lighting Controls (On/Off) & Hillphoenix provided embedded Anti-Sweat Controls are standard, unless otherwise specified.
- Option 2 - End User Provided
- Lighting Controls should be Occupancy Sensor Based on a minimum 8 Hour Off Schedule. Customer provided A/S Heat Controls should be set to 30% minimum off time at 75°F/55%RH
- 1 Door & 4' case lengths available in 100V R404A/R448A condensing unit configuration
- 2, 3, 4 & 5 door lengths available in 208V R404A/R448A condensing unit configuration



Case	Weight
JNRBHS A	



Rev. Date	Rev. #	Rev. Title
10-16-19	11	DATA UPDATE
10-15-19	10	ENDVIEW UPDATE



REACH-IN FREEZER/COOLER SHEET 1 OF 8

## JNRBHS A (R404A)

High Narrow Reach-In Self Contained Merchandiser  
1, 2, 3, 4, 5 Door & 4' (Dairy/Deli/Beverage)

### SYSTEM REQUIREMENT (R-404A REFRIGERANT)

Case Length	Volts	Phase	Frequency	Minimum Circuit Ampacity (MCA)	Maximum Overcurrent Protection (MOP)
2 Door	208	1	60	15.3	20
3 Door	208	1	60	15.5	20
4 Door	208	1	60	16.6	20
5 Door	208	1	60	18.4	20

\* 24 Hour Energy values includes evaporator fans, standard LEDs, anti-condensate heat & condensing unit

### GUIDELINES AND CONTROL SETTINGS (R-404A REFRIGERANT)

Case Length	Superheat	Set Point @ Bulb (°F)	Discharge Air (°F)	Set Point Differential (°F)	Discharge Air Velocity (FFM)
2-5 Door Beverage	6-8	35	6	230	
2-5 Door Dairy	6-8	30	6	220	
2-5 Door Deli	6-8	29	6	230	

### CONDENSING UNIT DATA (R-404A REFRIGERANT)

Case Length	Volts	Phase	Frequency	Horsepower	Running Load Amps (RLA) (Amps)	Locked Rotor Amps (LRA) (Amps)	Refrigerant	Lbs. of Refrigerant
2 Door	208	1	1/3	4.2	16.8	16.8	R404A	2.2
3 Door	208	1	1/3	4.2	16.8	16.8	R404A	2.6
4 Door	208	1	1/3	5.3	21.2	18.8	R404A	3.0
5 Door	208	1	1/3	5.3	21.5	20.5	R404A	3.5

### DEFROST CONTROLS (R-404A REFRIGERANT)

Case Length	Defrosts Per Day	Run Off Time (Min)	Fair-Safe (Min)	Termination Temp (F)
2-5 Door	2	0	48	44

### DEFROST SCHEDULE (R-404A REFRIGERANT)

Defrosts Per Day	Time
2	12 a.m. - 12 p.m.

### NOTES:

- \* "-" indicates that this feature is not an option on this case model.
- Listed discharge air velocity represents the average velocity at the peak of defrost.
- Temperature and defrost settings listed below are recommended start-up settings. Final operational settings may need to be adjusted for the store conditions in which the case operates.
- The recommended evaporator temperatures may need to be adjusted based on system setup, store conditions, etc. The minimum recommended evaporator temperature is 4°F below the listed evaporator temperature.
- The 24 Hour Energy Value is based upon AHRI 1200 test conditions with Hillphoenix provided Lights, occupancy sensor based (on/off) lighting control and slow speed based anti-sweat heat controller.



Rev. Date	Rev. #	Rev. Title
10-16-19	11	DATA UPDATE
10-16-19	10	ENDVIEW UPDATE

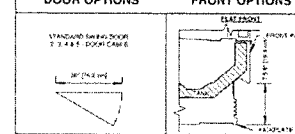


REACH-IN FREEZER/COOLER SHEET 2 OF 8

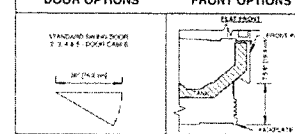
## JNRBHS A

High Narrow Reach-In Self Contained Merchandiser  
1, 2, 3, 4, 5 Door & 4' (Dairy/Deli/Beverage)

### DOOR OPTIONS



### FRONT OPTIONS



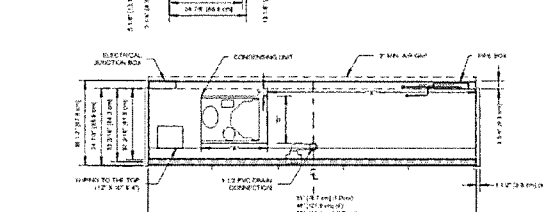
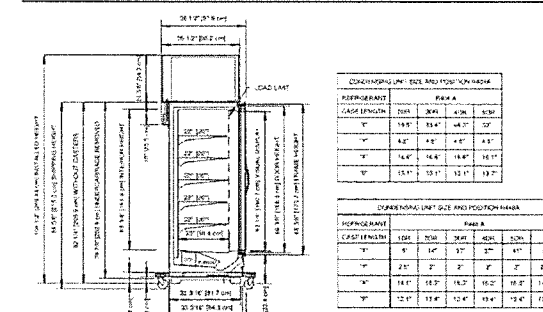
Rev. Date	Rev. #	Rev. Title
10-16-19	11	DATA UPDATE
10-16-19	10	ENDVIEW UPDATE



REACH-IN FREEZER/COOLER SHEET 3 OF 8

## JNRBHS A

High Narrow Reach-In Self Contained Merchandiser  
1, 2, 3, 4, 5 Door & 4' (Dairy/Deli/Beverage)



### NOTES:

- STUB UP AREA
- RECOMMENDED STUB UP CENTERLINE FOR ELECTRICAL AND HUB DRAINS
- Specialized Base Frame
- Case fits through 80" doorway with shipping undercarriage removed
- 2" lifting brackets (installed) & 3/25" slip loose nuts combine for 5" baseframe once installed.
- Drain Braps ship loose.
- Ends add approximately 1" to case height, 1/2" to the back & 1" to the front.



Rev. Date	Rev. #	Rev. Title
10-16-19	11	DATA UPDATE
10-16-19	10	ENDVIEW UPDATE



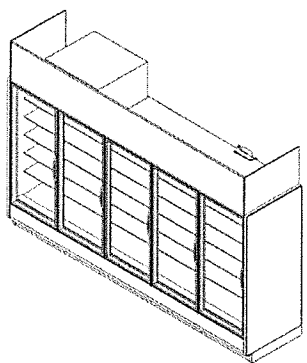
REACH-IN FREEZER/COOLER SHEET 4 OF 8

## JNRZHS A

High Narrow Reach-In Self Contained Merchandiser  
2, 3, 4 & 5 Door (Frozen Food)

### GENERAL NOTES:

- Lighting Controls and Anti-Sweat Heat Controls are Required
- Option 1 - OEM Provided
- Occupancy Sensor Based Lighting Controls (On/Off) & Hillphoenix provided embedded Anti-Sweat Controls are standard, unless otherwise specified.
- Option 2 - End User Provided
- Lighting Controls should be Occupancy Sensor Based on a minimum 8 Hour Off Schedule. Customer provided A/S Heat Controls should be set to 30% minimum off time at 75°F/55%RH
- 2, 3, 4 & 5 door case lengths are available in 208V R404A / R448A Condensing Unit Configuration



Case	Weight
JNRZHS A	



Rev. Date	Rev. #	Rev. Title
10-17-19	7	ENDVIEW UPDATE
9-12-19	6	DATA UPDATE



REACH-IN FREEZER/COOLER SHEET 5 OF 8

## JNRZHS A (R404A)

High Narrow Reach-In Self Contained Merchandiser  
2, 3, 4 & 5 Door (Frozen Food)

### SYSTEM REQUIREMENT (R404A)

Case Length	Volts	Phase	Frequency	Minimum Circuit Ampacity (MCA)	Maximum Overcurrent Protection (MOP)
2 Door	208	1	60	24.1	30.0
3 Door	208	1	60	24.9	30.0
4 Door	208	1	60	29.9	30.0
5 Door	208	1	60	30.0	30.0

\* 24 Hour Energy values includes evaporator fans, standard LEDs, anti-condensate heat & condensing unit

### GUIDELINES AND CONTROL SETTINGS (R404A)

Case Length	Superheat	Set Point @ Bulb (°F)	Discharge Air (°F)	Set Point Differential (°F)	Discharge Air Velocity (FFM)
2-5	3-5	6	-9	300	
3 Door	3-5	6	-9	300	
4 Door	3-5	6	-9	300	
5 Door	3-5	6	-9	300	

### CONDENSING UNIT DATA (R404A)

Case Length	Volts	Phase	Frequency	Horsepower	Running Load Amps (RLA) (Amps)	Locked Rotor Amps (LRA) (Amps)	Refrigerant	Lbs. of Refrigerant
2 Door	208	1	60	3/4	23.0	23.0	R404A	2.8
3 Door	208	1	60	1	9.3	46.0	R404A	3.4
4 Door	208	1	60	1.1/4	12.6	55.0	R404A	3.7
5 Door	208	1	60	2	12.0	56.0	R404A	6.2

### DEFROST CONTROLS (R404A)

Defrosts Per Day	Run Off Time (Min) Electric	Fair-Safe (Min)	Termination Temp (F)
1	0	48	48

### DEFROST SCHEDULE (R404A)

Defrosts Per Day	Time
1	12 midnight

### NOTES:

- \* "-" indicates that this feature is not an option on this case model.
- Listed discharge air velocity represents the average velocity at the peak of defrost.
- Temperature and defrost settings listed below are recommended start-up settings. Final operational settings may need to be adjusted for the store conditions in which the case operates.
- The recommended evaporator temperatures may need to be adjusted based on system setup, store conditions, etc. The minimum recommended evaporator temperature is 4°F below the listed evaporator temperature.
- The 24 Hour Energy Value is based upon AHRI 1200 test conditions with Hillphoenix provided Lights, occupancy sensor based (on/off) lighting control and slow speed based anti-sweat heat controller.



Rev. Date	Rev. #	Rev. Title
10-17-19	7	ENDVIEW UPDATE
9-12-19	6	DATA UPDATE

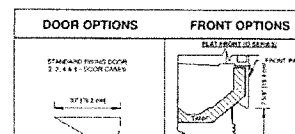


REACH-IN FREEZER/COOLER SHEET 6 OF 8

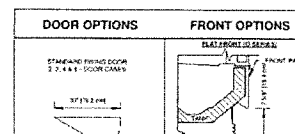
## JNRZHS A

High Narrow Reach-In Self Contained Merchandiser  
2, 3, 4 & 5 Door (Frozen Food)

### DOOR OPTIONS



### FRONT OPTIONS



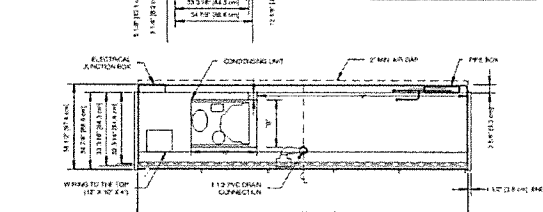
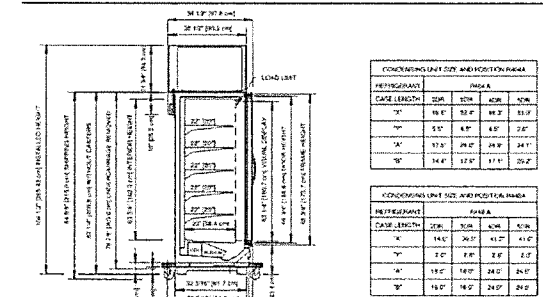
Rev. Date	Rev. #	Rev. Title
10-17-19	7	ENDVIEW UPDATE
9-12-19	6	DATA UPDATE



REACH-IN FREEZER/COOLER SHEET 7 OF 8

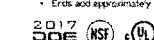
## JNRZHS A

High Narrow Reach-In Self Contained Merchandiser  
2, 3, 4 & 5 Door (Frozen Food)



### NOTES:

- STUB UP AREA
- RECOMMENDED STUB UP CENTERLINE FOR ELECTRICAL AND HUB DRAINS
- Specialized Base Frame
- Case fits through 80" doorway with shipping undercarriage removed
- 2" lifting brackets (installed) & 3/25" slip loose nuts combine for 5" baseframe once installed.
- Drain Braps ship loose.
- Ends add approximately 1" to case height, 1/2" to the back & 1" to the front.

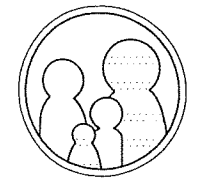


Rev. Date	Rev. #	Rev. Title
10-17-19	7	ENDVIEW UPDATE
9-12-19	6	DATA UPDATE



REACH-IN FREEZER/COOLER SHEET 8 OF 8

date	project	designed	drawn	checked
		BNS	BNS	DCE



FOR REFERENCE ONLY

**FAMILY DOLLAR**

REACH-IN UNITS DETAILS AND SPECIFICATIONS

project drawing

sheet

DS1

**I. GENERAL CONTRACTOR'S RESPONSIBILITIES:**

- a. Read Cylon Retail Solutions (CRS) / Dollar Tree (DT) Documentation Package.
- b. Review all DT drawings.
  - Contact Cylon Retail Solutions Inc. at (888) 211-6789 and submit a fully completed EMS Installation Survey.
  - Confirm CRS Survey Form is fully completed and EMAILED to CRS National Account Team at [Surveys@Cylon.com](mailto:Surveys@Cylon.com) or FAXED to (855) 224-0879, **24 Hours Prior to scheduling the EMS Commissioning.**
  - EMS Commissioning dates cannot be scheduled until fully completed EMS Installation Surveys have been received and approved by the CRS National Deployment Team.
- c. Schedule remote EMS commissioning **24 hours prior** to the requested commissioning date.

**II. ELECTRICAL RESPONSIBILITIES:**

**Power to all EMS equipment and devices must be OFF while terminations are made.**

- a. Provide all labor and installation material, as required, for a complete and operational EMS for this DT store location.
  - b. Receive and store all CRS material in a dry and secure place until the EMS installation is completed.
  - c. The EMS equipment will be supplied by CRS and installed by an approved DT contractor.
  - d. Review the entire set of plans, perform a job site survey and inventory the CRS equipment to ensure the proper equipment has been ordered and received for a complete and operational CRS EMS.
  - e. If any material is missing or additional equipment is required, immediately call CRS at (888) 211-6789 to request an order.
  - f. Approved Contractor shall verify number of controlled lighting circuits against the design, report discrepancies, which cannot be resolved in the field, to the CRS National Account Support Team at (888) 211-6789 and wait for resolution instructions.
  - g. Coordinate the EMS installation with the Mechanical Contractor to avoid any interference that may delay progress during construction.
  - h. Perform all work in accordance with all National, State and Local Codes for this project.
  - i. All EMS cables are to be installed per National and Local Codes. It is the Electrical Contractor's responsibility to determine if National and Local Codes permit Class 2 cables to be installed exposed within the building structure or if a full conduit system is required.
  - j. EMT connectors and bushings are to be installed at the top of every conduit sleeve and threaded connector to protect EMS cables from abrasions.
  - k. All cables are to be clearly and distinctly labeled within one foot of both ends.
  - l. Furnish and install all required conduit, boxes, wire ways, fittings, straps, hangers and wiring for a complete and operational EMS as required.
  - m. Furnish and install a dedicated 120 VAC circuit with breaker lock for the EMS Panel.
  - n. Label breaker: **DO NOT TURN OFF / EMS**
  - o. Confirm wiring is completed as per this documentation package before applying power. Improper wiring will cause damage to equipment.
  - p. Mount the EMS Panel adjacent to the electrical panels.
  - q. Install an Ethernet cable run from the eSCI RJ-45 jack located in the EMS Panel to the network switch specified by the DT networking team.
  - r. Call CRS at 888.211.6789 to verify Network Connectivity before proceeding with the EMS installation.
  - s. Install and terminate the CRS BACnet communication trunk, in a daisy chain fashion, from the EMS Panel to each of the Thermostat Controls and all other BACnet devices. (see this documentation package for requirements)
  - t. When applicable, mount the Auxiliary I/O Panel adjacent to the EMS Panel and ensure both panels are connected to the same Earth Ground.
  - u. When applicable, ensure the Auxiliary I/O panel is connected in series with the other BACnet devices on the BACnet communications trunk.
  - v. Mount and terminate the Outdoor Sensor Assembly (OSA) on the HVAC unit that resides closest to the EMS Panel. When installing, make sure OSA enclosure is:
    - i. Mounted on a 1" rigid riser with an "LB" secured to the back of the OSA (Refer to OTS/OLS Detail as shown on EM-4)
    - ii. Mounted 3 feet above the HVAC unit
    - iii. Mounted facing north, away from the combustion heat blower and condenser fan
    - iv. Weather-proofed
    - v. Mounted with the white PVC sensor pointed downward
    - vi. Positioned to allow the Outdoor Light Sensor exposure to full ambient daylight but is not shadowed or exposed to any artificial illumination
  - w. When applicable, mount and terminate the CO2 Sensor as per the location specified by the DT drawings and this documentation package.
  - x. Mount and terminate the Override Button assembly as per the location specified by the DT drawings and this documentation package.
  - y. Do not adjust the DIP Switches for the EMS Override Buttons. They are factory preset for:
    - i. MSTP Address = 35
    - ii. Baud Rate = 19200
    - iii. Network Termination = Off
  - z. When applicable, mount and terminate the Indoor Ambient Light Sensor(s) as per the location specified by the DT drawings and the Special Instructions in this documentation package.
  - aa. Install and wire load sides of lighting contactors for designated lighting loads and zones as required by DT and this documentation package
  - bb. Employee Zone = 40% of Sales floor and 100% of all Stockroom areas
  - cc. Customer Zone = Remaining 60% of Sales Floor
  - dd. Exterior Zone = Building Exterior and Parking lights
  - ee. When applicable, Daylight Zone = First two (2) rows of lights along the store-front windows.
  - ff. Furnish and install a 3-pole, 20-amp breaker/disconnect at the Main Electrical Distribution Panel (MDP) for the Phase Loss Power Monitor and Energy Meter.
  - gg. When applicable, furnish and install a 3-pole, 20-amp breaker/disconnect at each Electrical Distribution Panel for each additional Phase Loss Power Monitor
  - hh. Terminate wiring as specified in this documentation package.
  - ii. Label Main Electrical Distribution Panel breaker/disconnect: **DO NOT TURN OFF / PHASE FAILURE & ENERGY METER**
  - jj. When applicable, label auxiliary Electrical Distribution Panel breaker/disconnect: **DO NOT TURN OFF / PHASE FAILURE**
  - kk. Confirm wiring is completed as per this documentation package before applying power. Improper wiring will cause damage to equipment.
  - ll. Install and terminate the CRS Modbus communication trunk from the eSCI Controller to the Energy Meter. (Refer to OEM instructions and this documentation package for requirements)
  - mm. Permanently mount and terminate the Electrical Meter in close proximity to the main utility power feed.
  - nn. Permanently mount the 3 Current Sensors, one each, around the 3 phases of the main utility feed.
  - oo. Terminate the 3 Current Sensors to the Energy Meter, correctly maintaining Electrical Phase and Meter Input relationships.
  - pp. Using the OEM Instructions, configure the EMS Energy Meter for:
    - i. Proper Current Transformer (CT) Ratio - Current Sensor Primary (Ct) = 400 - 1500 Amp
    - ii. Nominal Line to Line Voltage = 480 Vac
    - iii. Baud Rate = 19200
    - iv. Address = 1
    - v. Voltage Input Mode = True 3 Phase
    - vi. CT Auto Rotation = Auto Rotate
- Note:** The EMS is designed to monitor a single primary 3 phase power feed. Contact CRS for support when attempting to monitor multiple power feeds
- hh. Provide a technician, on site, for an approximate 2-hour remote telephone checkout with CRS.
  - ii. Coordinate with the Mechanical Contractor to verify HVAC control during the CRS remote telephone checkout.
  - jj. Prior to scheduling the Remote Commissioning Checkout, the Electrical Contractor will:
    - i. Confirm CRS Survey Form is completed and EMAILED to CRS National Account Team at [Surveys@Cylon.com](mailto:Surveys@Cylon.com) or FAXED to (855) 224-0879, **24 Hours Prior to scheduling the EMS Commissioning.**
    - ii. Confirm the Mechanical Contractor will be present during the CRS Remote Commissioning Checkout.
    - iii. Contact CRS to schedule the EMS Commissioning, **24 hours prior** at (888) 211-6789.

**III. MECHANICAL RESPONSIBILITIES:**

**Power to all EMS equipment and devices must be OFF while terminations are made.**

- a. Provide labor and installation material, as required, for a complete and operational EMS for this DT store location.
- b. Verify number and type of HVAC units against the design, report discrepancies, which cannot be resolved in the field, to the CRS National Account Support Team at (888) 211-6789 and wait for resolution instructions.
- c. Perform all work in accordance with all National, State and Local Codes for this project.
- d. Mount and terminate the SimpleSTAT module(s) as per the location(s) specified by the DT drawings and this documentation package.
- e. Utilizing 18/8 cable between the SimpleSTAT module and HVAC unit.
- f. Terminate C, R, G, Y1, Y2, W1 and W2 on the HVAC unit for control of fan, cooling and heating.
- g. Terminate the communications cables to the SimpleSTAT(s) as shown in this documentation package.
- h. Set address on the SimpleSTAT module, as shown in the SimpleSTAT installation instructions. When communications to the EMS is in a failed state, the SimpleSTAT will operate 24/7 as a stand-alone STAT using the following temperature setpoints:
  - i. Default Cooling Setpoint = 72.0 °F
  - ii. Default Heating Setpoint = 68.0 °F
- g. Utilizing the Downrods and associated hardware, specified by the DT drawings and the "Special Instructions" section of this documentation package, mount and terminate the Remote Space Temperature Sensor(s) as per the location(s) specified by the DT drawings.
  - i. In close proximity to the zone return air grille and away from supply air drafts.
  - ii. Install and secure the Remote Temperature Sensor wire to the Thermostat Controller.
  - h. Mount the Supply Duct Temperature sensor of each HVAC unit.
    - i. The remote Supply Duct Temperature Sensor should be mounted in the main Supply Air Duct on the interior side of the HVAC unit's building penetration.
    - ii. Utilizing 18/2 wire, terminate the supply duct temperature sensor wire to the Thermostat module as shown in this documentation package.
  - i. Provide Electrical Contractor with roof plan layout, showing location of HVAC Units on the roof.
  - j. Provide a technician, on site, for an approximate 2-hour remote telephone checkout with CRS.
  - k. Coordinate with the Electrical Contractor to verify proper HVAC control during the CRS Remote Commissioning Checkout.

**IV. CYLON RETAIL SOLUTIONS RESPONSIBILITIES:**

- a. The following services will be supplied by CRS:
  - i. Shipping of all contracted EMS components for the job.
  - ii. Programming and downloading of CRS equipment and software.
  - iii. Provide telephone technical support at (888) 211-6789.
  - iv. Remote system checkout with installing contractor
- b. Verification of proper operation of the following items by exercising the controlled load:
  - i. Timed operation of all applicable EMS lighting loads - Interior and Exterior.
  - ii. Outside light level control of all applicable EMS lighting loads - Interior and Exterior.
  - iii. Operation of HVAC heating stages, as indoor environment allows.
  - iv. Operation of HVAC cooling stages, as indoor and outdoor environments allow.
  - v. Verification of HVAC unit sensor readings - space and supply temperatures.
- c. If any end unit (e.g. lighting, HVAC unit, supply air fan, etc.) cannot be operated for mechanical or electrical reasons, CRS will verify the proper operation of the EMS control devices (e.g. contactors, discrete I/O) leading up to the unit, in order to fully verify the operations of the EMS.
- d. CRS will issue an "EMS Check-Out Number" once all store systems are verified as operational.

DEVICE LEGEND	
SYMBOL	DESCRIPTION
	HVAC UNIT CONTROLLER (SIMPLESTAT)
	HVAC UNIT CONTROLLER (TRC)
	DUCT TEMPERATURE SENSOR
	SPACE TEMPERATURE SENSOR
	OUTDOOR LIGHT SENSOR
	OUTDOOR TEMPERATURE & RELATIVE HUMIDITY SENSORS
	REMOTE TEMPERATURE SENSOR
	INDOOR CO2 SENSOR
	INDOOR RELATIVE HUMIDITY SENSOR
	INDOOR LIGHT SENSOR
	O/H DOOR SENSOR
	SECURITY INTERFACE DEVICE
	eBUILDING SYSTEM CONTROLLER
	REMOTE OVERRIDE SWITCH
	OCCUPANCY SENSOR

CABLE LEGEND				
KEY	SIZE	TYPE	MFG.	MFG. PART #
	18/2	SHIELDED PLENUM	WINDY CITY	# 002320-S
	18/4	SHIELDED PLENUM	WINDY CITY	# 002340-S
	18/8	NON SHIELDED PLENUM	WINDY CITY	# 002392-S
	18/10	NON SHIELDED PLENUM	WINDY CITY	# 002393-S
	24/8	CAT5 E PLENUM	WINDY CITY	# 5556140-S

**Cylon**  
RETAIL SOLUTIONS

25 Sundial Ave - Suite 310 W  
Manchester, NH 03103

FAMILY DOLLAR  
DRAWING NOTES  
(FOR REFERENCE ONLY)

REVISION: 1	DATE: 06/05/20	ECN#: 2396
LOOSE DT OPTION		
REVISION:	DATE:	ECN#:
REVISION:	DATE:	ECN#:
REVISION:	DATE:	ECN#:
DRAWN: WPC	ENGINEER: CGP	
PART #: 94-403	OPTION: P	

ENERGY  
MANAGEMENT  
PLAN

EM-1 of 4



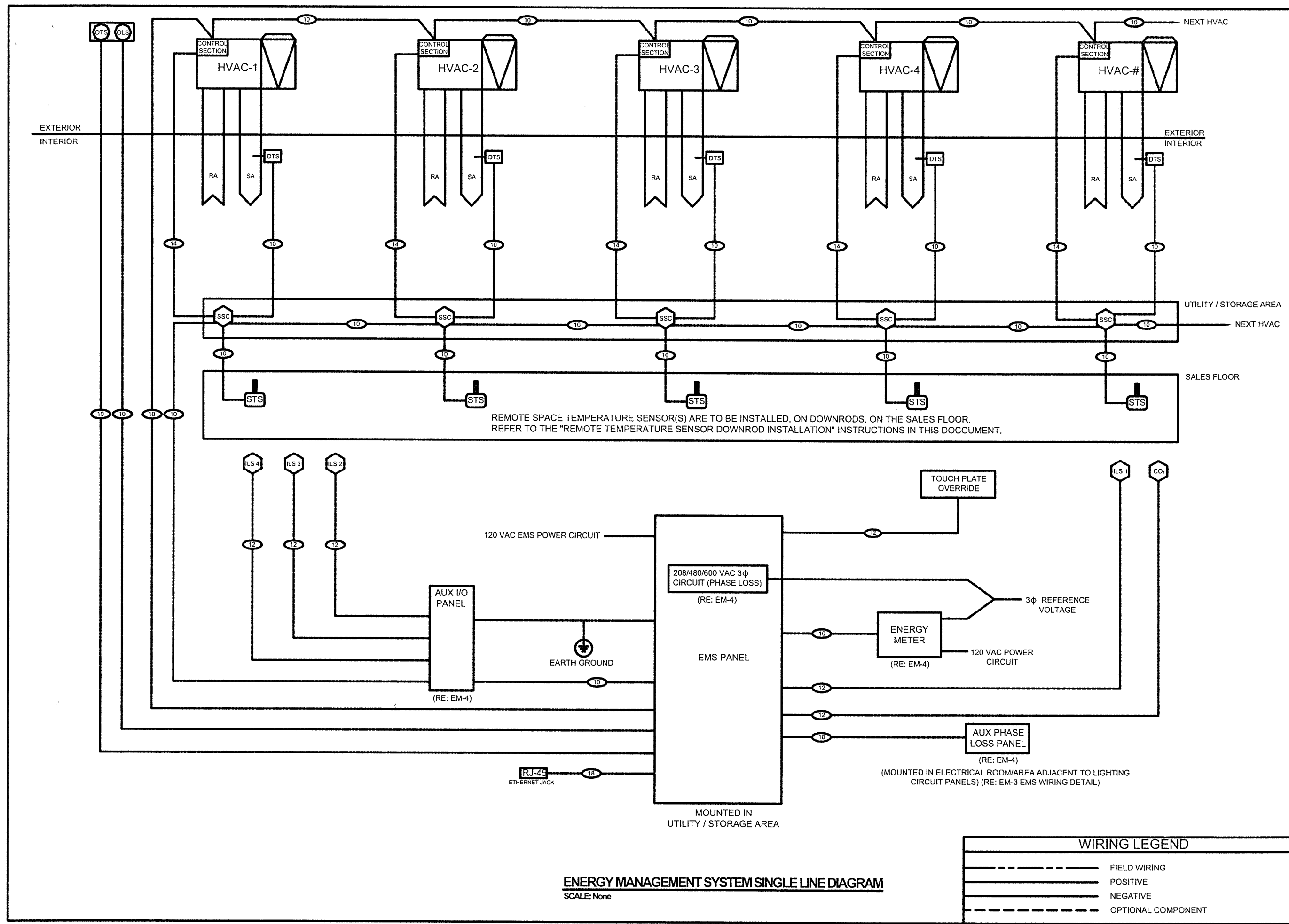
25 Sundial Ave - Suite 310 W  
Manchester, NH 03103

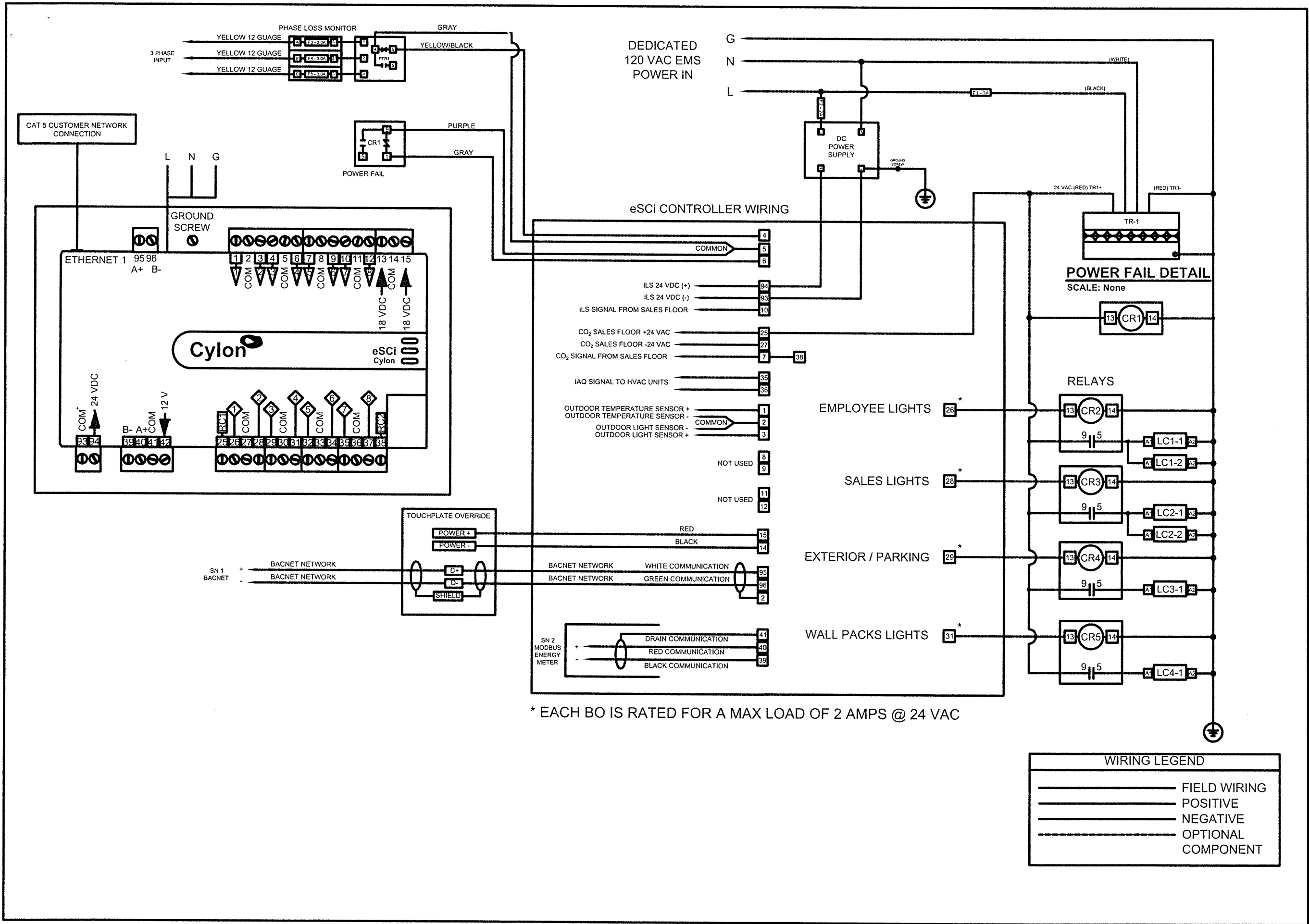
# FAMILY DOLLAR LINE DIAGRAM (FOR REFERENCE ONLY NOT TO SCALE)

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REVISION: ---	DATE: ---	ECN#: ---
REVISION: ---	DATE: ---	ECN#: ---
REVISION: ---	DATE: ---	ECN#: ---
DRAWN: WPC	CHECKED: CGP	
PART #: 94-403	OPTION: P	

## ENERGY MANAGEMENT PLAN

EM-2 of 4



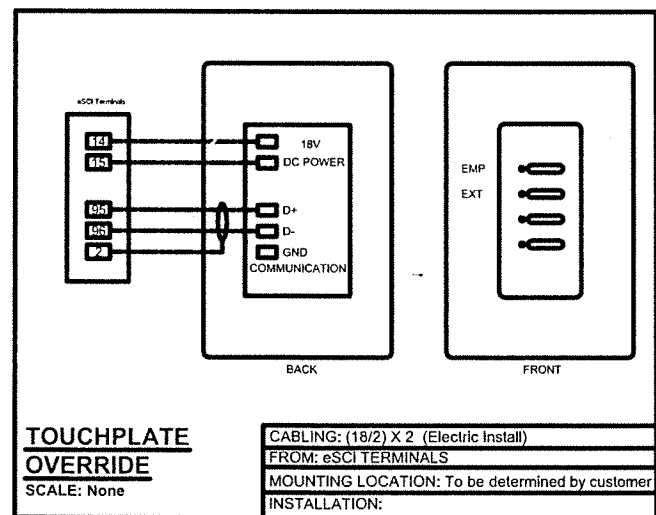
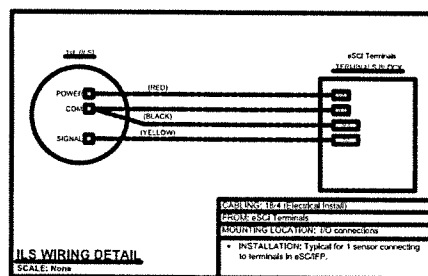
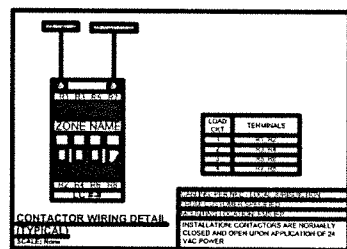
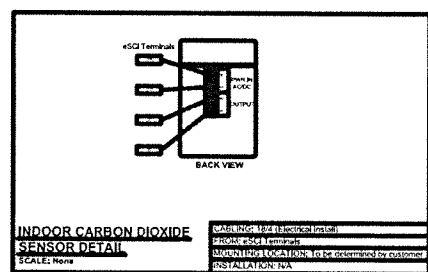
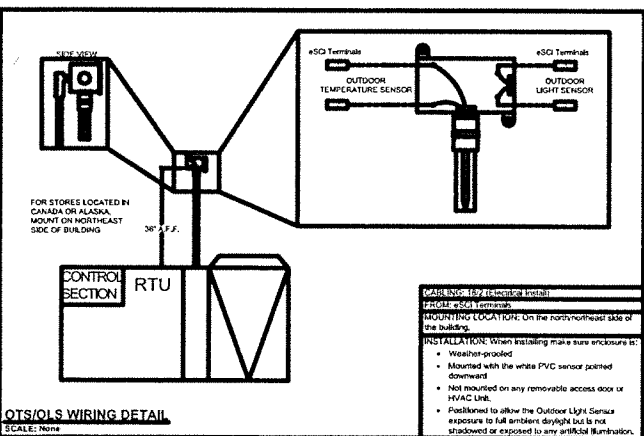
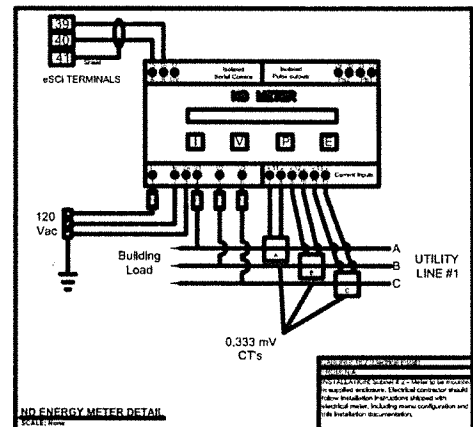
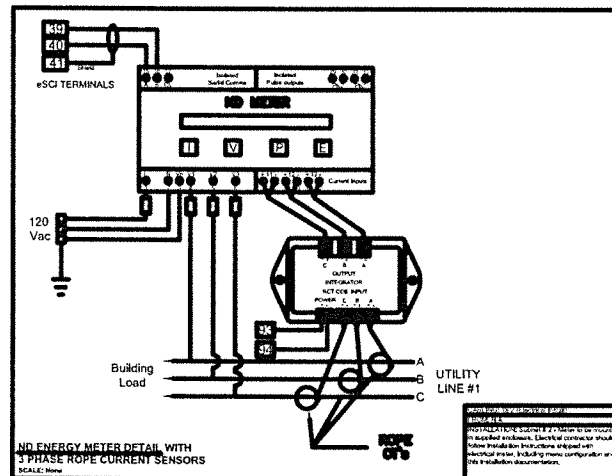
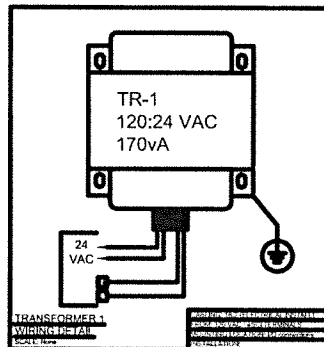
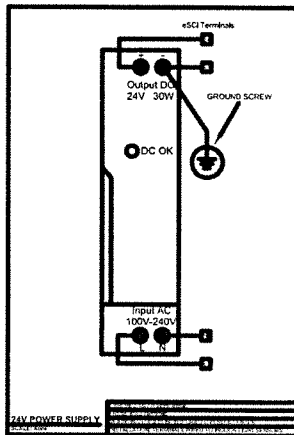
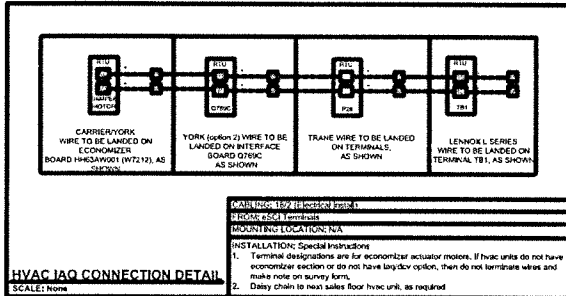
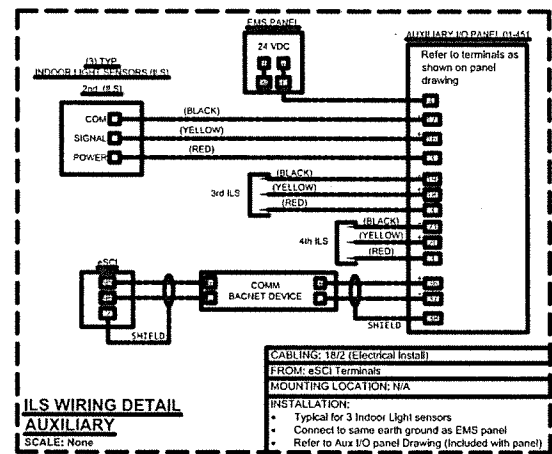
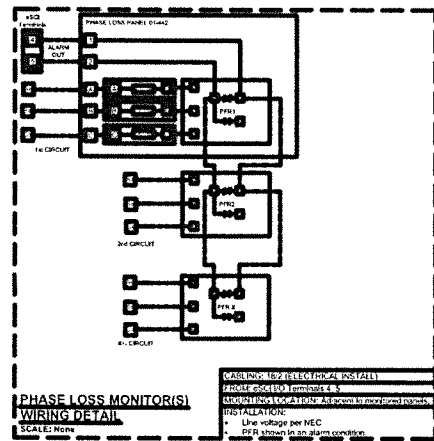
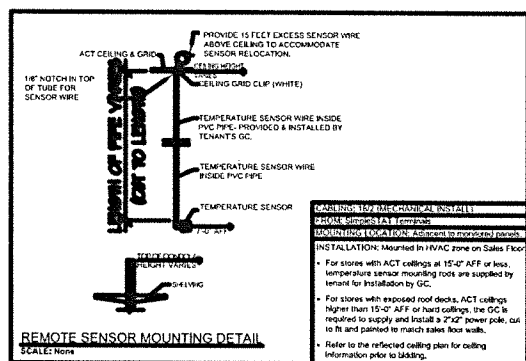
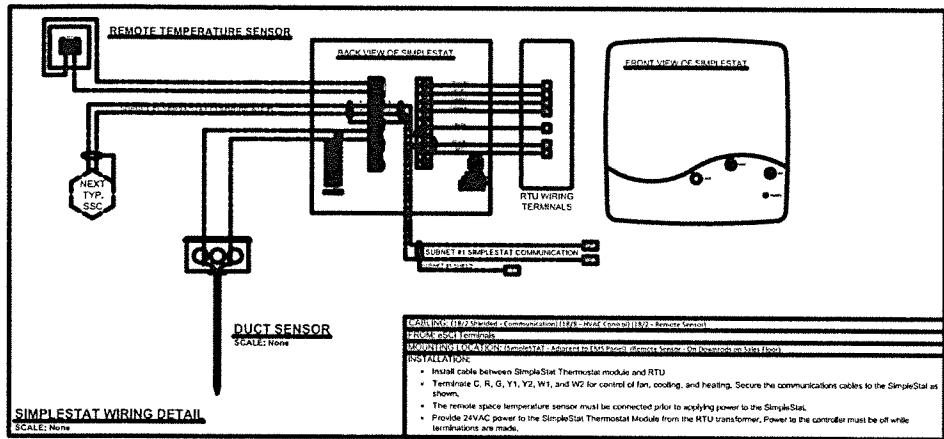


**Cylon**  
 RETAIL SOLUTIONS  
 25 Sundial Ave - Suite 310 W  
 Manchester, NH 03103

**FAMILY DOLLAR**  
**FIELD WIRING**  
 (FOR REFERENCE ONLY NOT TO SCALE)

REVISION: 1	DATE: 06/05/20	ECN#: 2396
LOOSE DT OPTION		
REVISION: --	DATE: --	ECN#: --
REVISION: --	DATE: --	ECN#: --
REVISION: --	DATE: --	ECN#: --
DRAWN: WPC	CHECKED: CGP	
PART #: 94-403	OPTION: P	

**ENERGY MANAGEMENT PLAN**  
 EM-3 of 4



**Cylon** RETAIL SOLUTIONS

25 Sundial Ave - Suite 310 W  
Manchester, NH 03103

**FAMILY DOLLAR EQUIPMENT DETAILS**  
(FOR REFERENCE ONLY NOT TO SCALE)

REVISION: 1	DATE: 06/05/20	ECN#: 2396
LOOSE DT OPTION		
REVISION: —	DATE: —	ECN#: —
REVISION: —	DATE: —	ECN#: —
REVISION: —	DATE: —	ECN#: —
REVISION: —	DATE: —	ECN#: —
DRAWN: WPC	CHECKED: CGP	
PART #: 94-403	OPTION: P	

**ENERGY MANAGEMENT PLAN**

EM-4 of 4