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- APPROVED
- APPROVED AS NOTED: Submit Record Copy for Archives
- DISAPPROVED AS NOTED: Revise and Resubmit
- INCOMPLETE INFORMATION: Add requested information and resubmit

DUNKIN' BRANDS
Construction Manager

Date: _____

Notes:

PROPOSED ALTERATION OF DUNKIN'
40 S. Route 9W
West Haverstraw, NY
PC #302235

"NEXT GENERATION IMAGE"
DD GREEN
COOL PALETTE
OMNI



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ARCHITECTS PC

Gary Kliesch and Associate Architects

ABBREVIATION INDEX

&	AND	FT.	FOOT	Q.T.	QUARRY TILE
@	AT	FURN.	FURNITURE	QTY.	QUANTITY
A/C	AIR CONDITIONING	G.A.	GAUGE	R.A.	RADIUS
A.D.	AREA DRAIN	GALV.	GALVANIZED	RAD.	RADIUS
A.F.F.	ABOVE FINISH FLOOR	GYP. BD.	GYP SUM BOARD	REF.	REFRIGERATOR
ALUM.	ALUMINUM	HDWD.	HARDWOOD	REINF.	REINFORCING
ALT.	ALTERNATE	HDR.	HEADER	REV.	REVISION
APPROX.	APPROXIMATE	H.D.	HUB DRAIN	REQ'D	REQUIRED
BD.	BOARD	H.M.	HOLLOW METAL	RESIL.	RESILIENT
BLDG.	BUILDING	HORIZ.	HORIZONTAL	RM.	ROOM
BM.	BEAM	HGT.	HEIGHT	R.O.	ROUGH OPENING
BSMT.	BASEMENT	I.D.	INSIDE DIAMETER	SCHED.	SCHEDULE
BTWN.	BETWEEN	INSUL.	INSULATION	SEC.	SECTION
BOT.	BOTTOM	INT.	INTERIOR	S.F.	SQUARE FOOT
C.L.	CENTER LINE	JT.	JOINT	SHT.	SHEET
C.T.	CERAMIC TILE	KIT.	KITCHEN	SIM.	SIMILAR
CLG.	CEILING	LAM.	LAMINATE	SPEC.	SPECIFICATION
CLOS.	CLOSET	LAV.	LAVATORY	SQ.	SQUARE
CM	CONSTRUCTION MGR.	LT.	LIGHT	S.S.	STAINLESS STEEL
CMU	CONC. MASONRY UNIT	MAS.	MASONRY	STD.	STANDARD
COL.	COLUMN	MAX.	MAXIMUM	STL.	STEEL
COMBO	DUNKIN'/BASKIN TOGO'S/BASKIN TOGO'S/BASKIN TOGO'S	MECH.	MECHANICAL	STRUCT.	STRUCTURAL
CONC.	CONCRETE	MTL.	METAL	SUSP.	SUSPENDED
CONT.	CONTINUOUS	MFR.	MANUFACTURER	TEL.	TELEPHONE
CONST.	CONSTRUCTION SPECIFICATIONS	MIN.	MINIMUM	THK.	THICK
C.S.	CONSTRUCTION SPECIFICATIONS	MISC.	MISCELLANEOUS	THRU	THROUGH
D.B.I.	DUNKIN' BRANDS INC. DEPT.	M.O.	MASONRY OPENING	T.O.P.	TOP OF PLATE
DEPT.	DEPARTMENT	MTD.	MOUNTED	T.O.S.	TOP OF STEEL
DTL.	DETAIL	N.I.C.	NOT IN CONTRACT	T.O.SL.	TOP OF SLAB
D.F.	DRINKING FOUNTAIN	NO.	NUMBER	TRT.	TREATED
DIA.	DIAMETER	NOM.	NOMINAL	TYP.	TYPICAL
DIM.	DIMENSION	N.T.S.	NOT TO SCALE	U.N.O.	UNLESS NOTED OTHERWISE
DISP.	DISPENSER	O.A.	OVERALL	V.C.B.	VINYL COMPOSITION BASE
DN.	DOWN	O.C.	ON CENTER	V.C.T.	VINYL COMPOSITION TILE
DR.	DOOR	O.D.	OUTSIDE DIAMETER	VERT.	VERTICAL
D.S.	DOWN SPOUT	OPNG.	OPENING	V.I.F.	VERIFY IN FIELD
DWG.	DRAWING	O.P.T.	OPTIONAL	V.W.C.	VINYL WALL COVERING
EA.	EACH	O.S.B.	ORIENTED STRAND BOARD	W/	WITH
EL.	ELEVATION	PL.	PLATE	W.C.	WATER CLOSET
ELEC.	ELECTRICAL	P.LAM.	PLASTIC LAMINATE	W/D	WOOD
EQ.	EQUAL	PLUMB.	PLUMBING	W/O	WITHOUT
EQUIP.	EQUIPMENT	PLYWD.	PLYWOOD	WP.	WATERPROOFING
EXIST.	EXISTING	PR.	PAIR	WT.	WEIGHT
EXT.	EXTERIOR	PROP.	PROPERTY	WWM.	WELDED WIRE MESH
F.D.	FLOOR DRAIN	P.S.F.	PER SQUARE FOOT		
FIN.	FINISH	P.S.I.	PER SQUARE INCH		
FL.	FLOOR	PTD.	PAINTED		
F.O.	FACE OF	P.V.C.	POLY VINYL CHLORIDE		
FRP	FIBERGLASS REINFORCED PANELS				

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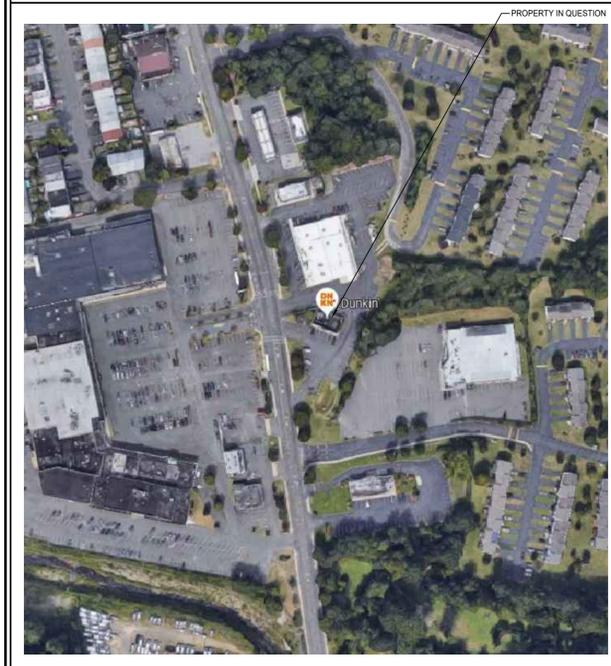
DESIGN CODES

ZONING:	LOCAL MUNICIPALITY ZONING ORDINANCE
BUILDING:	2020 BUILDING CODE OF NEW YORK STATE
ENERGY:	2020 ENERGY CONSERVATION CODE OF NYS
PLUMBING:	2020 PLUMBING CODE OF NEW YORK STATE
MECHANICAL:	2020 MECHANICAL CODE OF NEW YORK STATE
ELECTRICAL:	2017 NATIONAL ELECTRICAL CODE ADOPTED 5/12/2020
ACCESSIBILITY:	I.C.C./A.N.S.I. 117.1 - 2009
SPRINKLER SYSTEM PRESENT:	NO

BUILDING DATA

OCCUPANCY GROUP	B - BUSINESS
CONSTRUCTION CLASS	5B (UNPROTECTED)
NUMBER OF STORIES	EXISTING BUILDING - 1 Story
AREA TO BE ALTERED	+/- 1,759 sq. ft.
VOLUME TO BE ALTERED	+/- 15,831 cu. ft.
OCCUPANT LOAD (Table 1004.1)	31 Persons
EGRESS WIDTH REQUIRED (Section 1005.2)	0.2 inches x 31 Occupants = 6.2 inches
EXIT ACCESS TRAVEL DISTANCE (Table 1017.2) (Based on Occupancy Group B, without Sprinkler System)	200 Feet
MINIMUM CORRIDOR WIDTH (Section 1020.2) (Exception for 36" with a required occupant capacity less than 50)	36 Inches
DEAD END CORRIDOR LENGTH (Section 1020.4) (Distance increases to 50 feet when building is equipped w/ an automatic sprinkler system)	20 Feet
NUMBER OF REQUIRED EXITS (Table 1006.3.1)	2 Exits
PLUMBING FIXTURES (Table 7.21.1 of National Standard Plumbing Code)	
Water Closets Required:	1 Provided: 1
Lavatories Required:	1 Provided: 1
Mop Sinks Required:	1 Provided: 1
Drinking Fountains Req'd:	0 Provided: 0 (Food Service Exemption, Note #2)

KEY MAP



DUNKIN BRANDS DATA

STORE DIMENSIONS:	SQ. FOOTAGE	SEATING:	
RETAIL SERVICE AREA	404 SQ'	# OF TABLES	4
SEATING / SALES AREA	596 SQ'	# OF SEATS	10
PREP / STORAGE AREA	622 SQ'	# OF BARRIER FREE SEATING UNITS	1
RESTROOM, OFFICE	74 SQ'	LOW SEATING COUNTERS (YES/NO)	NO
WALK IN FREEZER AREA	0 SQ'	TOTAL # OF SEATS	10
WALK IN COOLER AREA	0 SQ'	IMAGE TYPE:	
REFIG/ FREEZER COMBO AREA	63 SQ'	SINGLE BRAND/ COMBO (DD-BR-DD/BR)	SINGLE BRAND (DD)
TOTAL:	1,759 SQ'	SIGNAGE:	
REST ROOMS:	NUMBER	SOUTH FACADE	1 11'-1 3/4" x 2'-0" 22.31 sq. ft.
NUMBER OF RESTROOMS	1	WEST FACADE	1 5'-10 1/4" x 3'-0" 17.58 sq. ft.
PUBLIC ACCESS TO RESTROOMS	YES	PYLON SIGN (REFACE)	1 +/- 9'-4" x 4'-4" +/- 40.0 sq. ft.
HANDICAP ACCESSIBLE	YES	DRIVE-THRU:	
YES/NO	NO	NUMBER OF RESTROOMS	1
NUMBER OF DRIVE THRU WINDOWS	N/A	PUBLIC ACCESS TO RESTROOMS	YES
MENU BOARD SIZE (SINGLE, COMBO)	N/A	HANDICAP ACCESSIBLE	YES
CAR LENGTHS FROM MENU TO WINDOW	N/A	DRIVE-THRU:	
STACKING (TOTAL # OF VEHICLES)	N/A	YES/NO	NO
ESCAPE LANE	N/A	NUMBER OF DRIVE THRU WINDOWS	N/A
DRIVE THRU TIMER SYSTEM	N/A	MENU BOARD SIZE (SINGLE, COMBO)	N/A
		CAR LENGTHS FROM MENU TO WINDOW	N/A
		STACKING (TOTAL # OF VEHICLES)	N/A
		ESCAPE LANE	N/A
		DRIVE THRU TIMER SYSTEM	N/A

GRAPHIC SYMBOLS

	SECTION NUMBER		ELEV. NUMBER
	SHEET NUMBER		SHEET NUMBER
SECTION		INTERIOR ELEV. INDICATOR	
	DETAIL NUMBER		PARTITION TYPE
	SHEET NUMBER		
DETAIL		PARTITION TYPE	
	DOOR MARK		COLUMN REFERENCE GRIDS
DOOR		COLUMN REFERENCE GRIDS	
	KEY NOTE		FINISH NUMBER
	EQUIPMENT TAG		ROOM NUMBER
KEY NOTE		FINISHES	
EQUIPMENT TAG		ROOM	

ADA STATEMENT

I HEREBY CERTIFY TO THE BEST OF MY UNDERSTANDING THAT THE PLANS AND DRAWINGS FOR THIS PROJECT WERE DRAWN IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS, INCLUDING, BUT NOT LIMITED TO, THE AMERICANS WITH DISABILITIES ACT (THE "ADA"), THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND ANY STATE OR LOCAL ACCESSIBILITY CODES, REGULATIONS, OR STANDARDS

ARCHITECT'S SIGNATURE HERE

Date:

Rev. No.		Date	
Drawing Issues		Revisions	

NJ: AI 13332
NY: 029618
FL: AR95782
WI: 11180-5
PA: RA-015112-B SC: 8935
D.C.: ARC101838 MA: 10810
GA: RA 013983 MI: 1301064135
VA: 401016373 IL: 001.023586
NC: 11736 WV: 4569 NH: 04487

gary kliesch
AIA, NCARB, NCIID

Proposed Alteration of:

DUNKIN'

40 S. Route 9W
West Haverstraw, NY
PC #302235

OMNI

Drawing Title:	
GRAPHIC SYMBOLS, INDEX OF DRAWINGS, BUILDING DATA, DESIGN CODE DATA, KEY MAP, DUNKIN' BRANDS DATA	
Date:	Dwg No.
08/17/21	T
Drawn By:	1.0
A.T.	
Checked By:	
C.F.	
Job No:	1 of 1
19-242	

CONSTRUCTION SPECIFICATIONS:

GENERAL NOTES:

- 1. THE GENERAL CONTRACTOR (G.C.) SHALL READ ALL GENERAL AND SPECIFIC NOTES AND BE BOUND TO THEIR REQUIREMENTS.
2. THE GENERAL CONTRACTOR (G.C.) SHALL PROVIDE COPIES OF FULL SETS OF CONSTRUCTION DOCUMENTS TO EACH SUBCONTRACTOR (SUBS) NOT JUST TRADE SPECIFIC SHEETS SO SUBCONTRACTOR CAN REVIEW THE FULL SCOPE OF THE ENTIRE JOB NOT JUST THEIR PORTION.
3. EACH CONTRACTOR SHALL EXAMINE THE JOB SITE BEFORE SUBMISSION OF BID TO UNDERSTAND THE EXISTING CONDITION, CONSTRUCTION DOCUMENTS AND, IF ANY, VIOLATION OF BUILDING CODES.
4. SHOULD THE G.C. FIND DISCREPANCIES, OMISSIONS, AMBIGUITIES, OR CONFLICTS WITH THE CONSTRUCTION DOCUMENTS OR BE IN DOUBT OF THEIR MEANING AFTER VISITING THE SITE OR DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY BRING ANY QUESTIONS TO THE ATTENTION OF THE ARCHITECT.
5. VERIFY ALL DIMENSIONS SHOWN ON PLANS AT SITE TO INSURE ACCURATE FITTING WITH THE STRUCTURE. DO NOT SCALE DRAWINGS! THE G. C. WILL BE HELD RESPONSIBLE FOR ANY INCORRECT WORK PERFORMED IF ARCHITECT IS NOT INFORMED OF ANY DISCREPANCIES.
6. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE LATEST ADDITION OF A.I.A. DOCUMENT A201, "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION."
7. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL BUILDING, PUBLIC UTILITY REGULATIONS AND ALL OTHER LAWS OR CODES HAVING JURISDICTION. ANY WORK NOT CONFORMING TO THE CODE WILL BE REMEDIED BY THE CONTRACTOR.
8. ALL CONTRACTORS SHALL HAVE AND MAINTAIN LIABILITY, PROPERTY DAMAGE, AND WORKMEN COMPENSATION INSURANCE. ALL PHASES OF CONSTRUCTION SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL SAFETY LAWS.
9. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, OR SAFETY PRECAUTION AND PROGRAMS IN CONJUNCTION WITH THESE CONTRACT DOCUMENTS.
10. ALL PERMITS AND CONSTRUCTION FEES ARE TO BE PAID FOR BY THE G.C., UNLESS OTHERWISE NOTED.
11. THE CONTRACTOR SHALL PROVIDE LABOR, SUPERVISION, MATERIAL, EQUIPMENT, AND ACCESSORIES AS COORDINATE, PROCURE, FABRICATE, DELIVER, ERECT, OR INSTALL INTERFACE WITH ANY NEW OR EXISTING WORK. START, TEST, ALL WORK AS PER CODE AND CONSTRUCTION DOCUMENTS IN ORDER TO PROVIDE THE OWNER WITH A COMPLETE ASSEMBLY OR SYSTEM. ALL MATERIAL SHALL BE NEW AND FREE FROM ALL DEFECTS. ALL WORK SHALL BE PERFORMED IN A COMPETENT WORKMAN LIKE MANNER ACCEPTABLE WITH MODERN PRACTICES.
12. ALL WORKMANSHIP AND MATERIAL SHALL BE GUARANTEED FOR ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION OF CONSTRUCTION WORK PERFORMED.
13. PROVIDE ALL NECESSARY BARRICADES AND FURNISH ALL NECESSARY LIGHTS AND WARNING SIGNS TO PROTECT ALL WORK, ADJACENT PROPERTIES, DRIVEWAYS WALKS, STEPS, ETC. DURING AND AFTER CONSTRUCTION UNTIL FINAL ACCEPTANCE OR CERTIFICATE OF OCCUPANCY.
14. THE G.C. WILL BE RESPONSIBLE FOR THE DISPOSAL OF ALL REFUSE AND CONSTRUCTION DEBRIS AND BE RESPONSIBLE FOR CLEANING SOILED SPOTS ON ALL SURFACES OR REPLACE WHERE CLEANING HAS FAILED AS DICTATED BY THE OWNER.
15. THE G.C. WILL REPAIR ALL DAMAGES CAUSED BY G.C.'S SUBCONTRACTORS (INCLUDING PAINT MARKS, SURFACES, ETC.) ON ALL SURFACES ARE LEFT CLEAN AND ORDERLY AND ACCEPTABLE TO THE OWNER READY FOR OCCUPANCY.
16. THE G.C. SHALL PROVIDE AND COORDINATE BLOCKING FOR ALL EQUIPMENT, SYSTEMS, MATERIALS, OR ACCESSORIES.
17. THE G.C. SHALL PROVIDE FLASHING, WEATHER STRIPPING AT ALL EXTERIOR OPENING HEADS, JAMBS, AND SILLS.
18. OWNERS MAY GO TO REVIEW LAND LORD/TENANT WORK LETTER AND CONSTRUCTION DRAWINGS AND NOTIFY ARCHITECT IF ANY DISCREPANCIES PRIOR TO BIDDING/START OF CONSTRUCTION.

SECTION 05 5000 METAL FABRICATIONS

PART 1 GENERAL

1.1 SUMMARY

- A. SECTION INCLUDES:
1. LADDERS.
2. BOLLARDS.

1.3 SUBMITTALS

- A. SUSTAINABLE DESIGN SUBMITTALS:
1. REGIONAL MATERIALS.
2. RECYCLED CONTENT.
PRODUCT DATA FOR CREDIT: INDICATING PERCENTAGES BY WEIGHT OF POSTCONSUMER AND PRE CONSUMER RECYCLED CONTENT FOR PRODUCTS HAVING RECYCLED CONTENT.

PART 1 PRODUCTS

1.1 MATERIALS - STEEL

- A. SHAPES: ASTM A36/A36M.
B. PIPE BOLLARDS: ASTM A53.
1.4" DIAMETER THICKNESS, 432 WEIGHT PER FOOT, 28.57 LBS., A.S.A. SCHEDULE 80.
C. BARS: ASTM A108.
D. RECYCLED CONTENT: POSTCONSUMER RECYCLED CONTENT PLUS ONE-HALF OF PRE CONSUMER RECYCLED CONTENT NOT LESS THAN 20% PERCENT.

1.1 FABRICATION

- A. GRIND EXPOSED JOINTS FLUSH AND SMOOTH WITH ADJACENT FINISH SURFACE. MAKE EXPOSED JOINTS BUTT TIGHT, FLUSH, AND HAIRLINE. EASE EXPOSED EDGES TO SMALL UNIFORM RADIUS.
B. SUPPLY COMPONENTS REQUIRED FOR ANCHORAGE OF FABRICATIONS, FABRICATE ANCHORS AND RELATED COMPONENTS OF SAME MATERIAL AND FINISH AS FABRICATION, EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE.
C. CONCEAL FASTENINGS WHERE POSSIBLE.

1.2 FINISHES

- A. EXTERIOR FERROUS METAL: GALVANIZED; ASTM A123/A123M, TO 1.3 OUNCES PER SQUARE FOOT.

PART 2 EXECUTION

2.1 INSTALLATION

- A. INSTALL COMPONENTS PLUMB, LEVEL, AND RIGID.

2.2 SCHEDULE

- A. LADDERS:
I. SIDE RAILS: CONTINUOUS STEEL FLAT BARS, 1/2 X 2-1/2 INCHES, EASED EDGES, SPACED 18 INCHES APART.
II. RUNGS: ROUND STEEL BARS, 3/4 INCH DIAMETER, SPACED 12 INCHES ON CENTER. FIT RUNGS IN CENTERLINE OF SIDE RAILS AND PLUG WELD ON OUTER RAIL FACE.
III. SUPPORT LADDERS AT TOP, BOTTOM, AND AT INTERMEDIATE POINTS SPACED MAXIMUM 5'4" ON CENTER WITH STEEL BRACKETS, BOLTED TO SUPPORTS.
B. BOLLARDS:
I. FABRICATE FROM STEEL PIPE OF SIZES INDICATED.
II. SET INTO CONCRETE FOOTING.
III. FILL PIPE WITH CONCRETE; ROD TO CONSOLIDATE. DOME TOP TO SHED WATER.
IV. PIPE TO BE FILLED WITH CONCRETE TO A 1.5 INCH DOME TOP GROUND SMOOTH. CONCRETE TO PROVIDE A MINIMUM OF 3000 P.S.I. COMPRESSIVE STRENGTH.
V. PIPE TO BE PRIMED WITH ONE COAT OF METAL PRIMER IRON CLAD GALVANIZED AND PROVIDED WITH A PLASTIC SLEEVE - SEE NATIONAL ACCOUNTS.
VI. ALL PIPE BOLLARDS SHOULD BE PLACED A MINIMUM OF 18" BELOW FINISH GRADE, HAVE A MINIMUM HEIGHT OF 36" INCHES ABOVE FINISHED GRADE AND SPACED AS SHOWN ON SITE DRAWINGS.

SECTION 06 1100 FRAMING AND SHEATHING

PART 1 GENERAL

1.1 SUMMARY

- A. SECTION INCLUDES:
1. ROOF AND WALL FRAMING.

- 2. ROOF AND WALL SHEATHING.
3. WOOD BLOCKING AND FURRING.
1.3 SUBMITTALS
A. SUSTAINABLE DESIGN SUBMITTALS:
1. MATERIALS REUSE.
2. RECYCLED CONTENT.
3. REGIONAL MATERIALS.
4. RAPIDLY RENEWABLE MATERIALS.
5. LOW-EMITTING MATERIALS.
6. CERTIFIED WOOD.
1.4 QUALITY ASSURANCE
A. LUMBER GRADING AGENCY: CERTIFIED TO NIST PS 20.
B. IDENTIFY LUMBER AND SHEET PRODUCTS BY OFFICIAL GRADE MARK.
1.5 DELIVERY, STORAGE AND HANDLING
A. STORE MATERIALS MINIMUM 6 INCHES ABOVE GROUND ON FRAMEWORK OR BLOCKING AND COVER WITH PROTECTIVE WEATHERPROOF COVERING PROVIDING FOR ADEQUATE AIR CIRCULATION.
B. DO NOT STORE SEASONED OR TREATED MATERIALS IN DAMP LOCATION.
C. PROTECT EDGES AND CORNERS OF SHEET MATERIALS FROM DAMAGE.

PART 2 PRODUCTS

2.1 MATERIALS

- A. DIMENSION LUMBER:
1. GRADING RULES: NELMA, SPIB OR WVPA.
2. GRADE: #2 OR SELECT STRUCTURAL.
3. SURFACING: SURFACED FOUR SIDES (S4S).
4. MAXIMUM MOISTURE CONTENT: 19 PERCENT.
5. FINGER JOINTED, MANUFACTURED USING LOW-EMITTING, UREA FORMALDEHYDE-FREE BINDERS.
6. CERTIFIED TO FSC STD-04-004.
B. LAMINATED VENEER LUMBER:
1. FABRICATED BY LAMINATING WOOD VENEERS UNDER PRESSURE USING EXTERIOR TYPE ADHESIVE WITH GRAIN OF VENEERS PARALLEL WITH LENGTH.
2. VENEER: DOUGLAS FIR OR SOUTHERN PINE.
3. MANUFACTURED USING LOW-EMITTING, UREA FORMALDEHYDE-FREE BINDERS.
4. CERTIFIED TO FSC STD-04-004.
C. SHEET PRODUCTS:
1. TYPE: APA PLYWOOD OR ORIENTED STRAND BOARD.
2. PANEL GRADE:
a. WALL AND ROOF SHEATHING: APA RATED SHEATHING.
3. EXPOSURE:
a. EXTERIOR APPLICATIONS: EXPOSURE 1.
b. INTERIOR APPLICATIONS: INTERIOR.
4. RAPIDLY RENEWABLE PRODUCT MADE FROM CHOPPED STRAW, MANUFACTURED USING LOW-EMITTING, UREA FORMALDEHYDE-FREE BINDERS.
5. CERTIFIED TO FSC STD-04-004.

PART 3 EXECUTION

3.1 INSTALLATION

- A. SET MEMBERS LEVEL, PLUMB, AND RIGID.
B. MAKE PROVISIONS FOR ERECTION LOADS, AND FOR TEMPORARY BRACING TO MAINTAIN STRUCTURE SAFE, PLUMB, AND IN TRUE ALIGNMENT UNTIL COMPLETION OF ERECTION AND INSTALLATION OF PERMANENT BRACING.
C. PLACE BEAMS, JOISTS, AND RAFTERS WITH CROWN EDGE UP.
D. CONSTRUCT LOAD BEARING FRAMING MEMBERS FULL LENGTH WITHOUT SPICES.
E. STUD FRAMING:
1. PROVIDE SINGLE BOTTOM PLATE AND DOUBLE TOP PLATES FOR LOAD BEARING PARTITIONS.
2. PROVIDE SINGLE BOTTOM AND TOP PLATES FOR NON-LOAD BEARING PARTITIONS.
3. ANCHOR BOTTOM PLATES TO CONCRETE STRUCTURE WITH ANCHOR BOLTS.
4. INSTALL AT CORNERS AND PARTITION INTERSECTIONS.
5. FRAME OPENINGS WITH DOUBLE STUDS AND HEADERS. SPACE SHORT STUDS OVER AND UNDER OPENINGS TO STUD SPACINGS.
F. PROVIDE BLOCKING, WALLERS, GROUNDS, FURRING, AND OTHER SIMILAR ITEMS REQUIRED TO RECEIVE AND SUPPORT WORK.
G. PROVIDE ADEQUATE BLOCKING FOR ALL WALL-MOUNTED UNITS IN ACCORDANCE WITH PLANS.
3.2 TOLERANCES
A. FRAMING MEMBERS: 1/4 INCH FROM TRUE POSITION, MAXIMUM.

SECTION 06 4100 ARCHITECTURAL WOOD CASEWORK

PART 1 GENERAL

1.1 SUMMARY

- A. SECTION INCLUDES:
1. SPECIAL FABRICATED CABINET UNITS.
2. PLASTIC LAMINATE COUNTERTOPS.

1.3 SUBMITTALS

- A. SUSTAINABLE DESIGN SUBMITTALS:
1. MATERIALS REUSE.
2. RECYCLED CONTENT.
3. REGIONAL MATERIALS.
4. RAPIDLY RENEWABLE MATERIALS.
5. LOW-EMITTING MATERIALS.
6. CERTIFIED WOOD.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. ACCEPTABLE MANUFACTURERS - PLASTIC LAMINATE:
1. FORMICA CORP. (WWW.FORMICA.COM)
2. WILSONART INTERNATIONAL, INC. (WWW.WILSONART.COM)
B. SUBSTITUTIONS: NOT PERMITTED.

2.2 MATERIALS

- A. LUMBER:
1. GRADED IN ACCORDANCE WITH AWI/AWMA/CWI ARCHITECTURAL WOODWORK STANDARDS, SECTION 3 REQUIREMENTS FOR QUALITY GRADE SPECIFIED, AVERAGE MOISTURE CONTENT OF 6 PERCENT.
2. EXPOSED AND SEMI-EXPOSED LOCATIONS: CLOSED GRAIN HARDWOOD, OF QUALITY SUITABLE FOR OPAQUE FINISH.
B. PLASTIC LAMINATE: NEMA LD-3.
1. HIGH PRESSURE DECORATIVE LAMINATE:
a. HORIZONTAL SURFACES:
1) BACKING SHEET: 3/4 INCH INT-APA D PLYWOOD.
b. VERTICAL SURFACES:
1) BACKING SHEET: 25/32 INCH EXTERIOR GRADE PLYWOOD.
2. COLORS
a. FORMICA #459-58 "BRIGHT WHITE" MATTE FINISH
b. FORMICA #909-58 "BLACK" MATTE FINISH
c. WILSONART #7560K-18 "STUDIO TEAK" LINEARITY FINISH

2.3 ACCESSORIES

- A. FASTENERS: TYPE AND SIZE AS REQUIRED BY CONDITIONS OF USE.
B. ADHESIVES:
1. WATERPROOF, WATER BASED TYPE, COMPATIBLE WITH BACKING AND LAMINATE MATERIALS.
2. MAXIMUM VOLATILE ORGANIC COMPOUND (VOC) CONTENT: 70 GRAMS PER LITER.
C. FINISH HARDWARE: AS SCHEDULED AT END OF SECTION.

2.4 FABRICATION

- A. PLASTIC LAMINATE COUNTERTOPS:
1. QUALITY: AWI/AWMA/CWI ARCHITECTURAL WOODWORK STANDARDS, SECTION 11, PREMIUM GRADE.
2. FABRICATE FROM SHEET PRODUCT WITH LUMBER FRONTS.
3. PROVIDE HOLES AND CUTOUTS FOR MOUNTING OF ACCESSORIES.
B. SHOP ASSEMBLE FOR DELIVERY TO PROJECT SITE IN UNITS EASILY HANDLED.

- C. PRIOR TO FABRICATION, FIELD VERIFY DIMENSIONS TO ENSURE CORRECT FIT.
D. APPLY PLASTIC LAMINATE IN FULL UNINTERRUPTED SHEETS, FIT CORNERS AND JOINTS TO HAIRLINE, SLIGHTLY BEVEL EDGES, APPLY LAMINATE BACKING SHEET TO REVERSE SIDE OF LAMINATE FACED SURFACES.
E. WHERE FIELD FITTING IS REQUIRED, PROVIDE AMPLE ALLOWANCE FOR CUTTING. PROVIDE TRIM FOR SCRIBING AND SITE CONDITIONS.
F. PROVIDE CUTOUTS AND REINFORCEMENT FOR PLUMBING, ELECTRICAL, APPLIANCES, AND ACCESSORIES. PRIME PAINT SURFACES OF CUT EDGES.

PART 3 EXECUTION

3.1 INSTALLATION

- A. INSTALL IN ACCORDANCE WITH AWI/AWMA/CWI ARCHITECTURAL WOODWORK STANDARDS.
B. SET PLUMB, RIGID AND LEVEL.
C. SCRIBE TO ADJACENT CONSTRUCTION WITH MAXIMUM 1/8 INCH GAPS.
D. FILL JOINTS BETWEEN TOPS AND ADJACENT CONSTRUCTION WITH JOINT SEALER AS SPECIFIED IN SECTION 07 9200; FINISH FLUSH.

3.2 FINISH HARDWARE SCHEDULE

- A. SHELVES SHALL BE INSTALLED ON HEAVY DUTY, ADJUSTABLE KNIFE BRACKETS, KNAPE & VOGT NO. 180-12; AND KNAPE & VOGT NO. 80 STANDARDS, AS NOTED ON DRAWINGS. STANDARDS AND BRACKETS TO BE STEEL WITH ANCHROME FINISH, ISOLATED, INDIVIDUAL SHELVES SHALL BE MOUNTED DIRECTLY TO THE WALL WITH KNAPE & VOGT NO. 284 STEEL BRACKETS, ANCHROME FINISH, AND LENGTH AS SHOWN ON THE DRAWINGS.

SECTION 06 4800 WOOD TRIM

PART 1 GENERAL

1.1 SUMMARY

- A. SECTION INCLUDES:
1. INTERIOR WOOD TRIM.

1.2 SUBMITTALS

- A. SUSTAINABLE DESIGN SUBMITTALS:
1. MATERIALS REUSE.
2. REGIONAL MATERIALS.
3. LOW-EMITTING MATERIALS.
4. CERTIFIED WOOD.
1.3 DELIVERY, STORAGE AND HANDLING
A. DO NOT DELIVER MATERIALS UNTIL PROPER PROTECTION CAN BE PROVIDED, AND UNTIL NEEDED FOR INSTALLATION.

1.4 PROJECT CONDITIONS

- A. ENVIRONMENTAL REQUIREMENTS: MAINTAIN FOLLOWING CONDITIONS IN BUILDING FOR MINIMUM 7 DAYS PRIOR TO, DURING, AND AFTER INSTALLATION OF INTERIOR TRIM:
1. TEMPERATURE: 60 TO 80 DEGREES F.
2. HUMIDITY: 43 TO 70 PERCENT.

PART 2 PRODUCTS

2.1 MATERIALS

- A. INTERIOR TRIM:
1. GRADED IN ACCORDANCE WITH AWI/AWMA/CWI ARCHITECTURAL WOODWORK STANDARDS, SECTION 3 REQUIREMENTS FOR QUALITY GRADE SPECIFIED, AVERAGE MOISTURE CONTENT OF 6 PERCENT.
2. MAPLE SPECIES, NO. 1 SELECT, OF QUALITY SUITABLE FOR OPAQUE AND TRANSPARENT FINISHES.
2.2 ACCESSORIES:
A. FASTENERS: TYPE AND SIZE AS REQUIRED BY CONDITIONS OF USE; PLAIN STEEL FOR INTERIOR USE; HOT DIP GALVANIZED STEEL FOR EXTERIOR USE.
B. ADHESIVES:
1. WATERPROOF, WATER BASED TYPE, COMPATIBLE WITH TRIM AND SUBSTRATE MATERIALS.
2. MAXIMUM VOLATILE ORGANIC COMPOUND (VOC) CONTENT: 30 GRAMS PER LITER.
C. FASTENERS: TYPE AND SIZE AS REQUIRED BY CONDITIONS OF USE; PLAIN STEEL FOR INTERIOR USE; HOT DIP GALVANIZED STEEL FOR EXTERIOR USE.
2.3 FINISHES
A. FACTORY FINISHING:
1. PAINT OR STAIN AS INDICATED ON DRAWINGS.

PART 3 EXECUTION

3.1 PREPARATION

- A. PRIOR TO INSTALLATION, CONDITION WOOD TO AVERAGE HUMIDITY THAT WILL PREVAIL AFTER INSTALLATION.

3.2 INSTALLATION

- A. INSTALL IN ACCORDANCE WITH AWI/AWMA/CWI ARCHITECTURAL WOODWORK STANDARDS.
B. INSTALL IN LONGEST PRACTICAL LENGTHS.
C. SET PLUMB AND LEVEL.
D. MITER ENDS, CORNERS AND INTERSECTIONS.
E. SCRIBE TO ADJACENT CONSTRUCTION WITH MAXIMUM 1/8 INCH GAPS.
F. FASTEN OR ADHERE TO SUPPORTING CONSTRUCTION.

SECTION 07 2400 EXTERIOR INSULATION AND FINISH SYSTEM

PART 1 GENERAL

1.1 SUMMARY

- A. SECTION INCLUDES:
1. MOISTURE BARRIER.
2. COMPOSITE WALL CLADDING OF RIGID INSULATION AND APPLIED COATING.
3. TRIM AND ACCESSORIES.

1.3 SYSTEM DESCRIPTION

- A. SYSTEM CLASSIFICATION: EIMA CLASS PB, STANDARD AND HIGH IMPACT RESISTANCE.
B. FIRE HAZARD CLASSIFICATION: MAXIMUM FLAME SPREAD/SMOKE DEVELOPED RATING OF 25/450, TESTED TO ASTM E84.

1.4 SUBMITTALS

- A. SUBMITTALS FOR REVIEW:
1. SHOP DRAWINGS: INDICATE JOINT LAYOUT AND DIMENSIONS, SYSTEM PENETRATION DETAILS, AND TERMINATION DETAILS.
2. PRODUCT DATA: INCLUDE PRIMARY AND SECONDARY PRODUCT DESCRIPTIONS, APPLICATION INSTRUCTIONS, PERFORMANCE CRITERIA, AND LIST OF SEALANTS APPROVED FOR USE WITH SYSTEM.
3. SAMPLES:
a. 3 X 3 INCH FINISH COAT SAMPLES FOR ALL APPLICABLE COLORS SHOWN ON DRAWINGS.
4. WARRANTY: SAMPLE WARRANTY FORM.
B. QUALITY CONTROL SUBMITTALS:
1. CERTIFICATES OF COMPLIANCE:
a. MANUFACTURER'S CERTIFICATION THAT INSTALLED SYSTEM COMPLIES WITH REQUIREMENTS OF CONTRACT DOCUMENTS.
b. CERTIFICATE OF APPROVAL BY CODE AUTHORITIES HAVING JURISDICTION OVER PROJECT.
c. CERTIFICATION FROM AN INDEPENDENT TESTING LABORATORY THAT SYSTEM MEETS FIRE HAZARD CLASSIFICATION REQUIREMENTS.

1.5 QUALITY ASSURANCE

- A. FURNISH EIFS SYSTEM COMPONENTS FROM SINGLE MANUFACTURER.
B. INSTALLER QUALIFICATIONS: MINIMUM 5 YEARS DOCUMENTED EXPERIENCE IN WORK OF THIS SECTION.

1.6 DELIVERY, STORAGE AND HANDLING

- A. STORE ADHESIVES AND COATINGS IN PROTECTED, DRY AREA UNTIL USED, AT TEMPERATURE PER THE MANUFACTURER'S PRODUCT SPECIFICATIONS.

1.7 PROJECT CONDITIONS

- A. DO NOT APPLY ADHESIVES AND COATINGS IF:
1. AMBIENT TEMPERATURE IS BELOW 40 DEGREES F, OR IS EXPECTED TO FALL BELOW THAT TEMPERATURE WITHIN 24 HOURS AFTER APPLICATION.
2. RELATIVE HUMIDITY IS ABOVE 85 PERCENT AND SURFACE TEMPERATURE IS LOWER THAN 5 DEGREES F BELOW DEW POINT.
3. WIND VELOCITY IS OVER 20 MPH.

1.8 WARRANTIES

- A. FURNISH MANUFACTURER'S AND APPLICATOR'S SEPARATE STANDARD WARRANTY PROVIDING COVERAGE AGAINST AIR AND WATER LEAKAGE THROUGH EIFS SYSTEM.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. ACCEPTABLE MANUFACTURERS:
1. DRYVIT SYSTEM, INC. (WWW.DRYVIT.COM)
B. SUBSTITUTIONS: ALLOWED UPON APPROVAL OF CLIENT OR DESIGN PROFESSIONAL.

2.2 MATERIALS

- A. MOISTURE BARRIER: FLUID-APPLIED TYPE, SYSTEM MANUFACTURER'S STANDARD PRODUCT.
B. ADHESIVE: ACRYLIC BASED; TYPE RECOMMENDED BY SYSTEM MANUFACTURER.
C. FINISH COAT: EIMA CLASS PB; POLYMER BASE, MEDIUM TEXTURE, COLORS AS SHOWN ON DRAWINGS.
D. RIGID INSULATION:
1. ASTM C578, TYPE VI, CLOSED CELL EXTRUDED POLYSTYRENE, SLOTTED ON BACK SIDE FOR DRAINAGE.
2. EDGES: SQUARE.
3. MINIMUM THICKNESS: 2 INCHES.
4. THERMAL RESISTANCE: MINIMUM R VALUE OF 10.
E. REINFORCING: GLASS FIBER MESH, BALANCED OPEN WEAVE, ALKALINE RESISTANT, TREATED FOR IMPROVED BOND WITH COATING, TESTED TO ASTM E2098 AND CLASSIFIED TO EIMA IMPACT CLASSIFICATION.
1. STANDARD IMPACT MESH: MINIMUM 4.5 OUNCES PER SQUARE YARD.
2. HIGH IMPACT MESH: MINIMUM 14.0 OUNCES PER SQUARE YARD.
3. CORNER MESH: MINIMUM 20.0 OUNCES PER SQUARE YARD.

2.3 ACCESSORIES

- A. TRIM:
1. EXTRUDED PVC, PERFORATED ATTACHMENT FLANGES, OF LONGEST PRACTICAL LENGTH.
2. CORNER BEAD: BEADED EDGE. SIZE AND PROFILE TO SUIT APPLICATION.
3. CASING BEAD: THICKNESS GOVERNED BY SYSTEM THICKNESS, SQUARE EDGE.
4. DRAINAGE CASING: THICKNESS GOVERNED BY SYSTEM THICKNESS, SQUARE EDGE, PERFORATED FOR DRAINAGE.
5. CONTROL JOINT: ACCORDION PROFILE WITH MINIMUM 2 INCH FLANGES EACH SIDE, WITH ATTACHMENT FLANGES.
B. INSULATION FASTENERS: HOT-DIP GALVANIZED OR FLUOROPOLYMER COATED STEEL WITH MINIMUM 1/8 INCH DIAMETER WASHERS, MINIMUM 5/8 INCH PENETRATION INTO FRAMING, OF TYPE RECOMMENDED BY SYSTEM MANUFACTURER.
C. TRIM FASTENERS: HOT-DIP GALVANIZED OR FLUOROPOLYMER COATED STEEL, TYPE RECOMMENDED BY SYSTEM MANUFACTURER.
D. WATER: CLEAN AND POTABLE.
2.4 MIXES
A. BASE AND FINISH COAT: IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

PART 3 EXECUTION

3.1 APPLICATION OF MOISTURE BARRIER

- A. APPLY MOISTURE BARRIER IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
B. APPLY MOISTURE BARRIER BY ROLLER TO CONTINUOUS AND UNIFORM COVERAGE WITH MINIMUM MIL THICKNESS AS RECOMMENDED BY MANUFACTURER.
C. COMPLETELY JOINT COMPOUND APPLIED AT CRACKS, JOINTS, PERIMETER, AND PENETRATIONS WITH MOISTURE BARRIER.
D. INSTALL HEAVY MESH UP TO 8 FEET ABOVE GRADE OR PAVING.
E. INSTALL CORNER MESH FOR MINIMUM 12 INCHES ON BOTH SIDES OF EXTERNAL CORNERS.
F. INSTALL DRAINAGE CASING AT WALL BASE AND OVER OPENINGS IN WALLS, SEAL CORNERS AND INTERSECTIONS.

3.2 APPLICATION OF INSULATION AND REINFORCING

- A. INSTALL SYSTEM IN ACCORDANCE WITH ANSIEIMA 99A AND MANUFACTURER'S INSTRUCTIONS.
B. ADHERE INSULATION TO SUBSTRATE WITH FULL ADHESIVE BED APPLIED USING NOTCHED TROWEL, WITH DRAINAGE CHANNELS RUNNING VERTICALLY.
1. INSTALL INSULATION IN MOST ECONOMIC MANNER, WITH JOINTS OFFSET JOINTS FROM THOSE IN SUBSTRATE.
2. STAGGER END JOINTS IN ADJACENT ROWS MINIMUM 12 INCHES.
3. CUT PANELS TO FIT AT PERIMETER AND AROUND PENETRATIONS.
4. PRESS TO FULL CONTACT WITH ADHESIVE WITHOUT RESTRICTING DRAINAGE BEHIND PANELS.
C. APPLY MINIMUM 1/16 INCH LAYER OF ADHESIVE OVER INSULATION BOARD.
D. FULLY EMBED REINFORCEMENT IN ADHESIVE, WRINKLE FREE.
E. LAP ENDS AND EDGES 2 INCHES MINIMUM.
F. WRAP REINFORCEMENT AND ADHESIVE AROUND INSULATION EDGE AT REVEALS, CORNER JOINTS AND WHERE SYSTEM ABUTS DISSIMILAR MATERIALS OR STOPS WITH EDGE EXPOSED EXCEPT AT BOTTOM EDGES.

3.3 APPLICATION OF FINISH COAT

- A. APPLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
B. WORK IN CONTINUOUS OPERATION IN EACH PANEL FORMED BY TRIM AND INTERSECTIONS TO ENSURE EVEN TEXTURE.
C. CUT EDGES IN CLEAN AND SHARP WHERE WORK JOINS OTHER MATERIALS.
D. APPLY TO UNIFORM TEXTURE AND COLOR WITHOUT STREAKS, LAPS, HEAVY BUILDUPS, AND MISSED AREAS.
E. ENSURE CONSISTENT APPLICATION AND UNIFORM APPEARANCE.

3.4 ADJUSTING

- TOUCH UP FINISH COAT AS REQUIRED TO OBTAIN UNIFORM TEXTURE.

SECTION 07 2500 WEATHER BARRIERS

DUPONT TM TYVEK® THERMAWRAP TM

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. WEATHER BARRIER MEMBRANE (DUPONT™ TYVEK® THERMAWRAP™)
B. SEAM TAPE (DUPONT™ TYVEK® METALLIZED TAPE OR DUPONT™ TYVEK® TAPE)
C. FLASHING (DUPONT™ FLEXWRAP™ DUPONT™ FLEXWRAP™NF, DUPONT™ STRAIGHTFLASH™, DUPONT™ STRAIGHTFLASH™ VF, AND/OR DUPONT™ THRU-WALL FLASHING) D. FASTENERS

1.2 SUBMITTALS

- A. REFER TO SECTION [01 33 00 SUBMITTAL PROCEDURES] (INSERT SECTION NUMBER AND TITLE)
B. PRODUCT DATA: SUBMIT MANUFACTURER CURRENT TECHNICAL LITERATURE FOR EACH COMPONENT.
C. SAMPLES: WEATHER BARRIER MEMBRANE, MINIMUM 8-1/2 INCHES BY 11 INCH.
D. QUALITY ASSURANCE SUBMITTALS
1. DESIGN DATA, TEST REPORTS: PROVIDE MANUFACTURER TEST REPORTS INDICATING PRODUCT COMPLIANCE WITH INDICATED REQUIREMENTS.
2. MANUFACTURER INSTRUCTIONS: PROVIDE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
3. MANUFACTURER'S FIELD SERVICE REPORTS: PROVIDE SITE REPORTS FROM AUTHORIZED FIELD SERVICE REPRESENTATIVE, INDICATING OBSERVATION OF WEATHER BARRIER ASSEMBLY INSTALLATION.
E. CLOSEOUT SUBMITTALS
1. REFER TO SECTION [01 78 00 CLOSEOUT SUBMITTALS] (INSERT SECTION NUMBER AND TITLE)
2. WEATHER BARRIER MANUFACTURER'S WARRANTY: MANUFACTURER'S EXECUTED WARRANTY FORM WITH AUTHORIZED SIGNATURES AND ENDORSEMENTS INDICATING DATE OF WEATHER BARRIER PURCHASE.

1.3 QUALITY ASSURANCE

- A. QUALIFICATIONS
1. INSTALLER SHALL HAVE EXPERIENCE WITH INSTALLATION OF DUPONT™ TYVEK® WEATHER BARRIER ASSEMBLIES UNDER SIMILAR CONDITIONS.
2. INSTALLATION SHALL BE IN ACCORDANCE WITH WEATHER BARRIER MANUFACTURER'S INSTALLATION GUIDELINES AND RECOMMENDATIONS.
3. SOURCE LIMITATIONS: PROVIDE WEATHER BARRIER AND ACCESSORY MATERIALS PRODUCED BY SINGLE MANUFACTURER.
B. MOCK-UP
1. INSTALL MOCK-UP USING APPROVED WEATHER BARRIER ASSEMBLY INCLUDING FASTENERS, FLASHING, TAPE AND RELATED ACCESSORIES PER MANUFACTURER'S CURRENT PRINTED INSTRUCTIONS AND RECOMMENDATIONS.
a. MOCK-UP SIZE: [10 FEET BY 10 FEET] (INSERT SIZE).
b. MOCK-UP SUBSTRATE: MATCH WALL ASSEMBLY CONSTRUCTION, INCLUDING WINDOW

- OPENING.
2. CONTACT MANUFACTURER'S DESIGNATED REPRESENTATIVE PRIOR TO WEATHER BARRIER ASSEMBLY INSTALLATION, TO PERFORM REQUIRED MOCK-UP VISUAL INSPECTION AND ANALYSIS AS REQUIRED FOR WARRANTY.
C. PRE-INSTALLATION MEETING
1. REFER TO SECTION [01 31 19 PROJECT MEETINGS] (INSERT SECTION NUMBER AND TITLE).
2. HOLD A PRE-INSTALLATION CONFERENCE, TWO WEEKS PRIOR TO START OF WEATHER BARRIER INSTALLATION. ATTENDEES SHALL INCLUDE CONTRACTOR, ARCHITECT, INSTALLER, OWNER'S REPRESENTATIVE, AND WEATHER BARRIER MANUFACTURER'S DESIGNATED REPRESENTATIVE.
3. REVIEW ALL RELATED PROJECT REQUIREMENTS AND SUBMITTALS, STATUS OF SUBSTRATE WORK AND PREPARATION, AREAS OF POTENTIAL CONFLICT AND INTERFACE, AVAILABILITY OF WEATHER BARRIER ASSEMBLY MATERIALS AND COMPONENTS, INSTALLER'S TRAINING REQUIREMENTS, EQUIPMENT, FACILITIES AND SCAFFOLDING, AND COORDINATE METHODS, PROCEDURES AND SEQUENCING REQUIREMENTS FOR FULL AND PROPER INSTALLATION, INTEGRATION AND PROTECTION.

1.4 DELIVERY, STORAGE AND HANDLING

- A. REFER TO SECTION [01 60 00 PRODUCT REQUIREMENTS] (INSERT SECTION NUMBER AND TITLE)
B. DELIVER WEATHER BARRIER MATERIALS AND COMPONENTS IN MANUFACTURER'S ORIGINAL, UNOPENED, UNDAMAGED CONTAINERS WITH IDENTIFICATION LABELS IN TACT.
C. STORE WEATHER BARRIER MATERIALS AS RECOMMENDED BY WEATHER BARRIER MANUFACTURER.

1.5 SCHEDULING

- A. REVIEW REQUIREMENTS FOR SEQUENCING OF INSTALLATION OF WEATHER BARRIER ASSEMBLY WITH INSTALLATION OF WINDOWS, DOORS, LOUVERS AND FLASHINGS TO PROVIDE A WEATHER-TIGHT BARRIER ASSEMBLY.
B. SCHEDULE INSTALLATION OF WEATHER BARRIER MATERIALS AND EXTERIOR CLADDING WITHIN FOUR MONTHS OF WEATHER BARRIER ASSEMBLY INSTALLATION.

1.6 WARRANTY

- A. REFER TO SECTION [01 78 36 WARRANTIES] (INSERT SECTION NUMBER AND TITLE).
B. SPECIAL MANUFACTURER'S WARRANTY
1. WEATHER BARRIER MANUFACTURER'S WARRANTY FOR WEATHER BARRIER FOR A PERIOD OF TEN YEARS FROM DATE OF WEATHER BARRIER PURCHASE.
2. PRE-INSTALLATION MEETINGS AND JOBSITE OBSERVATIONS BY WEATHER BARRIER MANUFACTURER FOR WARRANTY ARE REQUIRED PRIOR TO ASSEMBLY INSTALLATION.
3. MANUFACTURER'S WARRANTY AREAS: (DESCRIBE SPECIFIC AREAS OF WORK PROTECTED AND AREAS OF WORK EXCLUDED AS REQUIRED BY PROJECT CONDITIONS).
4. FOR WARRANTY DETAILS REVIEW MANUFACTURER'S PUBLISHED WARRANTY. THE FOREGOING IS MERELY A BRIEF SUMMARY OF THE WARRANTY AND MANUFACTURER'S OBLIGATIONS ARE LIMITED TO THOSE SET OUT IN THE WARRANTY DOCUMENT.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. DUPONT: 4417 LANCASTER PIKE, CHESTNUT RUN PLAZA 728, WILMINGTON, DE 19805; 1-800-44-TYVEK (8-9835); HTTP://WWW.CONSTRUCTION.TYVEK.COM

2.2 MATERIALS

- A. BASIS OF DESIGN: SPUNBONDED POLYOLEFIN, NON-WOVEN, NON-PERFORATED, WEATHER BARRIER IS BASED UPON DUPONT™ TYVEK® THERMAWRAP™ AND RELATED ASSEMBLY COMPONENTS.
B. PERFORMANCE CHARACTERISTICS (VALUES LISTED ARE NOMINAL VALUES MEASURED BY AN ACCREDITED THIRD PARTY LAB.):
1. EFFECTIVE R-VALUE: R-2 (INCLUDING 1/2" MINIMUM AIRSPACE), AS DESIGNATED ON ASHRAE TABLES, ASTM HANDBOOK OF FUNDAMENTALS, CHAPTER 25- TABLE 3

CONSTRUCTION SPECIFICATIONS:

SECTION 07 2000 WEATHER BARRIERS DUPONT TM TYVEK® THERMAWRAP TM (CONTINUED)

AND/OR 5. DUPONT™ THRU-WALL SURFACE ADHERED MEMBRANE WITH INTEGRATED DRIP EDGE THRU-WALL FLASHING MEMBRANE MATERIALS FOR FLASHING AT CHANGES IN DIRECTION OR ELEVATION (SHELF ANGLES, FOUNDATIONS, ETC.) AND AT TRANSITIONS BETWEEN DIFFERENT ASSEMBLY MATERIALS.

AND/OR 6. PREFORMED INSIDE AND OUTSIDE CORNERS AND END DAMS AS DISTRIBUTED BY DUPONT; PREFORMED THREE-DIMENSIONAL SHAPES TO COMPLETE THE FLASHING SYSTEM USED IN CONJUNCTION WITH DUPONT™ THRU-WALL FLASHING.

PART 3 - EXECUTION

3.1 EXAMINATION

A. VERIFY SUBSTRATE AND SURFACE CONDITIONS ARE IN ACCORDANCE WITH WEATHER BARRIER MANUFACTURER RECOMMENDED TOLERANCES PRIOR TO INSTALLATION OF WEATHER BARRIER AND ACCESSORIES.

3.2 INSTALLATION - WEATHER BARRIER

A. INSTALL WEATHER BARRIER OVER EXTERIOR FACE OF EXTERIOR WALL SUBSTRATE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS

B. INSTALL WEATHER BARRIER PRIOR TO INSTALLATION OF WINDOWS AND DOORS.

C. START WEATHER BARRIER INSTALLATION AT A BUILDING CORNER, LEAVING 6-12 INCHES OF WEATHER BARRIER EXTENDED BEYOND CORNER TO OVERLAP.

D. INSTALL WEATHER BARRIER SILVER SIDE FACING AIR SPACE.

E. INSTALL WEATHER BARRIER IN A HORIZONTAL MANNER STARTING AT THE LOWER PORTION OF THE WALL SURFACE WITH SUBSEQUENT LAYERS INSTALLED IN A SHINGLING MANNER TO OVERLAP LOWER LAYERS. MAINTAIN WEATHER BARRIER PLUMB AND LEVEL.

F. SILL PLATE INTERFACE: EXTEND LOWER EDGE OF WEATHER BARRIER OVER SILL PLATE INTERFACE 3-4 INCHES. SECURE TO FOUNDATION WITH ELASTOMERIC SEALANT AS RECOMMENDED BY WEATHER BARRIER MANUFACTURER.

G. WINDOW AND DOOR OPENINGS: EXTEND WEATHER BARRIER COMPLETELY OVER OPENINGS.

H. OVERLAP WEATHER BARRIER 1. EXTERIOR CORNERS: MINIMUM 12 INCHES. 2. SEAMS: MINIMUM 12 INCHES.

I. WEATHER BARRIER ATTACHMENT: 1. ATTACH WEATHER BARRIER TO STUDS THROUGH EXTERIOR SHEATHING. SECURE USING WEATHER BARRIER MANUFACTURER RECOMMEND FASTENERS, SPACE 6-18 INCHES VERTICALLY ON CENTER ALONG STUD LINE, AND 24 INCH ON CENTER, MAXIMUM HORIZONTALY.

AND/OR 2. ATTACH WEATHER BARRIER TO MASONRY. SECURE USING WEATHER BARRIER MANUFACTURER RECOMMEND FASTENERS, SPACE 6-18 INCHES VERTICALLY ON CENTER AND 24 INCHES MAXIMUM HORIZONTALY. WEATHER BARRIER MAY BE TEMPORARILY ATTACHED TO MASONRY USING RECOMMENDED ADHESIVE, PLACED IN VERTICAL STRIPS SPACED 24 INCHES ON CENTER, WHEN COORDINATED ON THE PROJECT SITE.

J. APPLY 4 INCH BY 7 INCH PIECE OF DUPONT TM STRAIGHTFLASH™ OR WEATHER BARRIER MANUFACTURER APPROVED ALTERNATE TO WEATHER BARRIER MEMBRANE PRIOR TO THE INSTALLATION CLADDING ANCHORS.

3.3 SEAMING

A. SEAL SEAMS OF WEATHER BARRIER WITH SEAM TAPE AT ALL VERTICAL AND HORIZONTAL OVERLAPPING SEAMS

B. SEAL ANY TEARS OR CUTS AS RECOMMENDED BY WEATHER BARRIER MANUFACTURER.

3.4 OPENING PREPARATION

A. CUT WEATHER BARRIER IN AN "CUT" PATTERN. A MODIFIED "CUT" IS ALSO ACCEPTABLE. 1. CUT WEATHER BARRIER HORIZONTALLY ALONG THE BOTTOM AND TOP OF WINDOW OPENING.

2. FROM TOP CENTER OF THE WINDOW OPENING, CUT WEATHER BARRIER VERTICALLY DOWN TO SILL.

3. FOLD SIDE AND BOTTOM WEATHER BARRIER FLAPS INTO WINDOW OPENING AND FASTEN. B. CUT A HEAD FLAP AT 45-DEGREE ANGLE IN THE WEATHER BARRIER AT WINDOW HEAD TO EXPOSE 8 INCHES OF SHEATHING. TEMPORARILY SECURE WEATHER BARRIER FLAP AWAY FROM SHEATHING WITH TAPE.

3.5 FLASHING

A. CUT [2 INCH] [8 INCH] WIDE DUPONT™ FLEXWRAP™ NF OR DUPONT™ FLEXWRAP™ NF A MINIMUM OF 12 INCHES LONGER THAN WIDTH OF SILL ROUGH OPENING.

B. COVER HORIZONTAL SILL BY ALIGNING DUPONT™ FLEXWRAP™ OR DUPONT™ FLEXWRAP™ NF EDGE WITH INSIDE EDGE OF SILL. ADHERE TO ROUGH OPENING ACROSS SILL AND UP JAMBS A MINIMUM OF 6 INCHES. SECURE FLASHING TIGHTLY INTO CORNERS BY WORKING IN ALONG THE SILL BEFORE ADHERING UP THE JAMBS.

C. FAN DUPONT™ FLEXWRAP™ OR DUPONT™ FLEXWRAP™ NF AT BOTTOM CORNERS ONTO FACE OF WALL. FIRMLY PRESS IN PLACE. MECHANICALLY FASTEN FANNED EDGES. MECHANICAL FASTENING OF DUPONT™ FLEXWRAP™ NF IS NOT REQUIRED.

D. ON EXTERIOR, APPLY CONTINUOUS BEAD OF SEALANT TO WALL OR BACKSIDE OF WINDOW MOUNTING FLANGE ACROSS JAMBS AND HEAD. DO NOT APPLY SEALANT ACROSS SILL.

E. INSTALL WINDOW ACCORDING TO MANUFACTURER'S INSTRUCTIONS.

F. APPLY 4 INCH WIDE STRIPS OF DUPONT™ STRAIGHTFLASH™ AT JAMBS OVERLAPPING ENTIRE MOUNTING FLANGE. EXTEND JAMB FLASHING 1 INCH ABOVE TOP OF ROUGH OPENING AND BELOW BOTTOM EDGE OF SILL FLASHING.

G. APPLY 4-INCH WIDE STRIP OF DUPONT™ STRAIGHTFLASH™ AS HEAD FLASHING OVERLAPPING THE MOUNTING FLANGE. HEAD FLASHING SHOULD EXTEND BEYOND OUTSIDE EDGES OF BOTH JAMB FLASHINGS.

H. POSITION WEATHER BARRIER HEAD FLAP ACROSS HEAD FLASHING. ADHERE USING 4-INCH WIDE DUPONT™ STRAIGHTFLASH™ OVER THE 45-DEGREE SEAMS.

I. TAPE HEAD FLAP IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS

J. ON INTERIOR, INSTALL BACKER ROD IN JOINT BETWEEN FRAME OF WINDOW AND FLASHED ROUGH FRAMING. APPLY SEALANT AROUND ENTIRE WINDOW TO CREATE AIR SEAL. APPLY SEALANT IN ACCORDANCE WITH SEALANT MANUFACTURER'S INSTRUCTIONS AND ASTM C 1193.

3.6 FIELD QUALITY CONTROL

A. NOTIFY MANUFACTURER'S DESIGNATED REPRESENTATIVE TO OBTAIN [REQUIRED] PERIODIC OBSERVATIONS OF WEATHER BARRIER ASSEMBLY INSTALLATION.

3.7 PROTECTION

A. PROTECT INSTALLED WEATHER BARRIER FROM DAMAGE.

SECTION 07 4646 MINERAL-FIBER CEMENT SIDING

PART 1 GENERAL

1.1 SUMMARY

A. SECTION INCLUDES: 1. MINERAL-FIBER CEMENT SIDING AND TRIM. 2. TRIM, ANCHORAGE, AND ACCESSORIES.

1.2 SUBMITTALS

A. SUBMITTALS FOR REVIEW: 1. PRODUCT DATA: INDICATE PROFILES, SIZES, FASTENING METHODS, SURFACE TEXTURE, AND FINISH. 2. WARRANTY: SAMPLE WARRANTY FORM.

B. SUSTAINABLE DESIGN SUBMITTALS: 1. REGIONAL MATERIALS.

1.3 QUALITY ASSURANCE

A. INSTALLER QUALIFICATIONS: MINIMUM 3 YEARS DOCUMENTED EXPERIENCE IN WORK OF THIS SECTION.

1.4 WARRANTIES

A. FURNISH MANUFACTURER'S WARRANTY, MADE OUT IN OWNER'S NAME WITH COPY TO OWNER, PROVIDING COVERAGE AGAINST CRACKING, ROTTING, OR DELAMINATION OF SIDING.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. ACCEPTABLE MANUFACTURERS: 1. JAMES HARDIE BUILDING PRODUCTS INC. WWW.JAMESHARDIE.COM 2. APPROVED EQUAL - TO BE CONSIDERED AND APPROVED BY ARCHITECT.

2.2 MATERIALS

A. MINERAL-FIBER CEMENT SIDING: 1. ASTM C1186, GRADE II, TYPE A; FORMULATED FROM PORTLAND CEMENT, GROUND SAND, CELLULOSE FIBERS, ADDITIVES, AND WATER, FORMED UNDER PRESSURE TO REQUIRED PROFILE.

2. FINISH: FACTORY PRIME PAINTED.

3. FIRE HAZARD CLASSIFICATION: CLASS A, TESTED TO ASTM E84.

4. LAP SIDING: a. SIZE: 7 1/2" INCH HIGH (6 INCH EXPOSURE) X 12 FEET LONG (SEE DRAWINGS). b. THICKNESS: 5/16 INCH. c. SURFACE TEXTURE: SMOOTH.

5. TRIM a. SIZE: 3 INCHES WIDE X MAXIMUM PRACTICAL LENGTH. b. THICKNESS: 7/16 INCH. c. SURFACE TEXTURE: SMOOTH.

2.3 ACCESSORIES

A. FASTENERS: TYPE RECOMMENDED BY SIDING MANUFACTURER.

B. SHEET METAL FLASHINGS AND TRIM: SPECIFIED IN SECTION 07 6200.

C. JOINT SEALERS: SPECIFIED IN SECTION 07 9200.

PART 3 EXECUTION

3.1 INSTALLATION - LAP SIDING

A. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS

B. INSTALL SIDING WITH 10 INCH EXPOSURE (SEE DRAWINGS)

C. LAP SIDING FOR NATURAL WATER SHED. D. BUTT JOINTS TIGHT.

E. SET PLUMB AND LEVEL. F. CUT SIDING TO FIT AT PERIMETER AND AROUND PENETRATIONS WITH MAXIMUM 1/4 INCH GAPS. SMOOTH CUT EDGES.

G. POSITION CUT ENDS OVER BEARING SURFACES.

H. INSTALL CORNER STRIPS, CLOSURES, AND TRIM AS SHOWN ON DRAWINGS.

I. FASTEN AT MAXIMUM 12 INCHES ON CENTER. BLIND NAIL EXCEPT TRIM.

J. INSTALL METAL FLASHINGS AT SILLS AND HEADS OF WALL OPENINGS. FASTEN AT 12 INCHES ON CENTER MAXIMUM.

K. APPLY JOINT SEALER BETWEEN SIDING AND TRIM AND ADJACENT SURFACES AS SPECIFIED IN SECTION 07 9200. ENSURE WATERTIGHT CONDITION.

3.2 INSTALLATION - TRIM

A. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

B. BUTT JOINTS TIGHT.

C. SET PLUMB AND LEVEL. D. CUT TO FIT AT PERIMETER AND AROUND PENETRATIONS WITH MAXIMUM 1/4 INCH GAPS. SMOOTH CUT EDGES.

E. FASTEN AT MAXIMUM 16 INCHES ON CENTER.

SECTION 07 6200 SHEET METAL FLASHING AND TRIM

PART 1 GENERAL

1.1 SUMMARY

A. SECTION INCLUDES: 1. COPINGS. 2. EDGE FLASHINGS. 3. SCUPPERS, CONDUCTOR HEADS AND DOWNSPOUTS. 4. COUNTERFLASHINGS OVER MEMBRANE ROOF BASE FLASHINGS. 5. COUNTERFLASHINGS AT ROOF MOUNTED EQUIPMENT AND UTILITY PENETRATIONS.

1.2 SUBMITTALS

A. SUBMITTALS FOR REVIEW: 1. SHOP DRAWINGS: SHOW LOCATIONS, TYPES AND THICKNESSES OF METAL, PROFILES, DIMENSIONS, FASTENING METHODS, PROVISIONS FOR EXPANSION AND CONTRACTION, AND JOINT DETAILS.

B. SUSTAINABLE DESIGN SUBMITTALS: 1. RECYCLED CONTENT. 2. REGIONAL MATERIALS.

1.4 QUALITY ASSURANCE

A. DESIGN, FABRICATE, AND INSTALL METAL COPINGS IN ACCORDANCE WITH ANSIPRI ES-1.

PART 2 PRODUCTS

2.1 MATERIALS

A. ALUMINUM SHEET: 1. ASTM B209, ALLOY 3003, TEMPER H14, 0.032 INCH THICK. 2. FINISH: NATURAL.

2.2 FABRICATION

A. FABRICATE COMPONENTS IN ACCORDANCE WITH [SMACNA MANUAL] CDA HANDBOOK.]

B. FABRICATE CORNERS IN SINGLE UNITS WITH MINIMUM 18 INCH LONG LEGS.

C. FABRICATE VERTICAL FACES WITH BOTTOM EDGE FORMED OUTWARD 1/4 INCH AND HEMMED TO FORM DRIP.

D. FORM SECTIONS ACCURATE TO SIZE AND SHAPE, SQUARE AND FREE FROM DISTORTION AND DEFECTS.

E. PROVIDE FOR THERMAL EXPANSION AND CONTRACTION IN SHEET METAL: 1. OTHER SHEET METAL: a. PROVIDE EXPANSION JOINTS IN SHEET METAL EXCEEDING 15 FEET IN RUNNING LENGTH. b. PLACE EXPANSION JOINTS AT 10 FEET ON CENTER MAXIMUM AND MAXIMUM 2 FEET FROM CORNERS AND INTERSECTIONS.

2. JOINT WIDTH: CONSISTENT WITH TYPES AND SIZES OF MATERIALS, MINIMUM WIDTH 1/4 INCH.

F. FABRICATE EXPANSION JOINTS IN METAL COPINGS WITH BACKING AND COVER PLATES FORMED TO FLASHING PROFILE. MINIMUM 8 INCHES LONG.

G. UNLESS OTHERWISE INDICATED, PROVIDE MINIMUM 3/4 INCH WIDE FLAT LOCK SEAMS; LAP IN DIRECTION OF WATER FLOW.

H. FABRICATE CLEATS AND STARTER STRIPS OF SAME MATERIAL AS SHEET METAL.

PART 3 EXECUTION

3.1 INSTALLATION

A. INSTALL CLEATS AND STARTER STRIPS BEFORE STARTING INSTALLATION OF SHEET METAL. FASTEN AT 6 INCHES ON CENTER MAXIMUM.

B. EXPANSION JOINTS IN METAL COPINGS: 1. CENTER BACKING PLATE BETWEEN FLASHING PIECES AT END JOINTS. 2. APPLY TWO CONTINUOUS BEADS OF JOINT SEALER BETWEEN BACKING PLATE AND FLASHING SECTIONS AT EACH END.

3. INSTALL FLASHING PIECES WITH 1/2 INCH EXPANSION SPACE AT BUTTING ENDS; APPLY SEALER TO EXPANSION SPACE.

4. APPLY TWO CONTINUOUS BEADS OF JOINT SEALER BETWEEN COVER PLATE AND FLASHING SECTIONS AT EACH END.

C. SECURE FLASHINGS WITH CONCEALED FASTENERS WHERE POSSIBLE.

D. APPLY PLASTIC CEMENT BETWEEN METAL AND BITUMINOUS FLASHINGS.

E. FIT FLASHINGS TIGHT, WITH SQUARE CORNERS AND SURFACES TRUE AND STRAIGHT. F. SEAM AND SEAL FIELD JOINTS. G. SEPARATE DISSIMILAR METALS WITH BITUMINOUS COATING OR NON-ABSORPTIVE GASKETS. H. DOWNSPOUTS: 1. SECURE WITH STRAPS SPACED MAXIMUM 8 FEET ON CENTER AND WITHIN 2 FEET OF ENDS AND ELBOWS. 2. FLASH DOWNSPOUTS INTO CONDUCTOR HEADS AND FASTEN. 3. FLASH UPPER SECTIONS INTO LOWER SECTIONS MINIMUM 2 INCHES AT JOINTS; FASTEN SECTIONS TOGETHER.

1. APPLY JOINT SEALERS AS SPECIFIED IN SECTION 07 9200. 3.2 CLEANING A. CLEAN SHEET METAL; REMOVE SLAG, FLUX, STAINS, SPOTS, AND MINOR ABRASIONS WITHOUT ETCHING SURFACES.

SECTION 07 9200 JOINT SEALERS

PART 1 GENERAL

1.1 SUMMARY

A. SECTION INCLUDES: 1. JOINT BACKUP MATERIALS. 2. JOINT SEALERS.

1.3 SUBMITTALS

A. SUBMITTALS FOR REVIEW: 1. PRODUCT DATA: INDICATE SEALERS, PRIMERS, BACKUP MATERIALS, BOND BREAKERS, AND ACCESSORIES PROPOSED FOR USE.

B. SUSTAINABLE DESIGN SUBMITTALS: 1. REGIONAL MATERIALS. 2. LOW-EMITTING MATERIALS.

1.4 QUALITY ASSURANCE A. MAXIMUM VOLATILE ORGANIC COMPOUND (VOC) CONTENT; INTERIOR SEALERS AND ACCESSORIES: 1. SEALANTS: 250 GRAMS PER LITER. 2. PRIMERS FOR NON-POROUS SUBSTRATES: 250 GRAMS PER LITER. 3. PRIMERS FOR POROUS SUBSTRATES: 775 GRAMS PER LITER.

1.5 PROJECT CONDITIONS A. DO NOT APPLY SEALERS AT TEMPERATURES BELOW 40 DEGREES F UNLESS APPROVED BY SEALER MANUFACTURER.

PART 2 PRODUCTS

2.1 MATERIALS

A. JOINT SEALER TYPE 1: 1. ASTM C920, GRADE NS, SINGLE COMPONENT BUTYL RUBBER TYPE, NON SAG. 2. MOVEMENT CAPABILITY: PLUS OR MINUS 12-1/2 PERCENT. 3. COLOR: TO BE SELECTED FROM MANUFACTURER'S FULL COLOR RANGE, MATCH ADJACENT FINISH.

B. JOINT SEALER TYPE 2: 1. ASTM C920, GRADE NS, SINGLE COMPONENT SILICONE, NON SAG, MILDEW RESISTANT. 2. MOVEMENT CAPABILITY: PLUS OR MINUS 25 PERCENT. 3. COLOR: TO BE SELECTED FROM MANUFACTURER'S FULL COLOR RANGE, MATCH ADJACENT FINISH.

2.2 ACCESSORIES A. PRIMERS, BONDBREAKERS, AND SOLVENTS: AS RECOMMENDED BY SEALER MANUFACTURER.

B. JOINT BACKING: 1. ASTM C1330, CLOSED CELL POLYETHYLENE FOAM, PREFORMED ROUND JOINT FILLER, NON ABSORBING, NON STAINING, RESILIENT, COMPATIBLE WITH SEALER AND PRIMER, RECOMMENDED BY SEALER MANUFACTURER FOR EACH SEALER TYPE. 2. SIZE: MINIMUM 1.25 TIMES JOINT WIDTH.

PART 3 EXECUTION

3.1 PREPARATION

A. REMOVE LOOSE AND FOREIGN MATTER THAT COULD IMPAIR ADHESION. IF SURFACE HAS BEEN SUBJECT TO CHEMICAL CONTAMINATION, CONTACT SEALER MANUFACTURER FOR RECOMMENDATION.

B. CLEAN AND PRIME JOINTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

C. PROTECT ADJACENT SURFACES WITH MASKING TAPE OR PROTECTIVE COVERINGS.

D. SEALER DIMENSIONS: 1. MINIMUM JOINT SIZE: 1/4 X 1/4 INCH. 2. JOINTS 1/4 TO 1/2 INCH WIDE: DEPTH EQUAL TO WIDTH. 3. JOINTS OVER 1/2 INCH WIDE: DEPTH EQUAL TO ONE HALF OF WIDTH.

3.2 APPLICATION

A. APPLY PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

B. INSTALL SEALERS AND ACCESSORIES IN ACCORDANCE WITH ASTM C193.

C. INSTALL JOINT BACKING TO MAINTAIN REQUIRED SEALER DIMENSIONS; COMPRESS BACKING APPROXIMATELY 25 PERCENT WITHOUT PUNCTURING SKIN. DO NOT TWIST OR STRETCH.

D. USE BONDBREAKER TAPE WHERE JOINT BACKING IS NOT INSTALLED.

E. FILL JOINTS FULL WITHOUT AIR POCKETS, EMBEDDED MATERIALS, RIDGES, AND SAGS.

F. TOOL SEALER TO SMOOTH PROFILE.

G. APPLY SEALER WITHIN MANUFACTURER'S RECOMMENDED TEMPERATURE RANGE.

3.3 CLEANING

A. CLEAN ADJACENT SURFACES.

3. CLOSING AND LATCHING SPEEDS AND BACKCHECK: CONTROLLED BY INDEPENDENTLY ADJUSTABLE CONCEALED VALVES. 4. MOUNTING: SURFACE MOUNTED, NON-HANDED WITH UNIVERSAL REGULAR OR PARALLEL ARM. SUITABLE FOR MOUNTING ON 1-3/4 INCH MINIMUM DOOR TOP RAIL OR TRANSOM BAR WITHOUT DROP PLATE. 5. ADJUSTABLE OPENING FORCE AND DELAYED CLOSING IN ACCORDANCE WITH APPLICABLE ACCESSIBILITY CODE.

D. DOOR STOPS: FLOOR MOUNTED, ALUMINUM HOUSING WITH RESILIENT BUMPER. E. KICK PLATES: 1. TYPE: 1/2 INCH PLASTIC LAMINATE, BEVELED EDGES, SECURED WITH FLATHEAD COUNTERSUNK SCREWS. 2. SIZE: 8 INCHES HIGH X DOOR WIDTH LESS 2 INCHES. F. FLUSH BOLTS: MANUAL TYPE, 12 INCHES LONG, WITH DUSTPROOF STRIKE.

2.3 FINISHES

A. FINISHES: TO ANSIBHMA A156.18. B. DOOR CLOSERS: FINISH NO. 689, SILVER ENAMEL. C. THRESHOLDS AND DOOR SEAL HOUSINGS: CLEAR ANODIZED. D. OTHER: FINISH NO. 626, SATIN CHROME PLATED.

PART 3 EXECUTION

3.1 INSTALLATION

A. INSTALL HARDWARE IN ACCORDANCE WITH APPROVED HARDWARE SCHEDULE AND MANUFACTURER'S INSTRUCTIONS.

B. INSTALL MORTISE ITEMS FLUSH WITH ADJACENT SURFACES.

C. INSTALL LOCKSETS, CLOSERS, AND TRIM AFTER FINISH PAINTING.

D. SET THRESHOLDS IN MASTIC AND SECURE.

E. MOUNT CLOSERS SO THAT CLOSERS AND CLOSER ARMS ARE NOT VISIBLE ON CORRIDOR OR PUBLIC SIDE OF DOORS OR ON EXTERIOR OF BUILDING. F. MOUNTING HEIGHTS - SEE DRAWINGS.

3.2 PROTECTION

A. REMOVE OR PROTECT HARDWARE UNTIL PAINTING IS COMPLETED.

3.3 ADJUSTING

A. TEST AND ADJUST HARDWARE FOR QUIET, SMOOTH OPERATION. FREE FROM BINDING AND RATTLING. B. ADJUST DOORS TO OPERATE WITH MAXIMUM OPENING FORCES IN ACCORDANCE WITH APPLICABLE ACCESSIBILITY CODE.

3.4 SCHEDULE

A. SET NO. 1 - DOOR FROM SALES AREA TO EXTERIOR. (SEE DOOR SCHEDULE AND FLOOR PLAN FOR QUANTITY, SIZE AND DIRECTION OF SWING.)

1. TEMPORARY CYLINDER, HAGER 3901 OR 3902 AS REQUIRED. 2. HAGER 5200 MLT 1-6 DLY ALM (HANDICAP ACCESS) DOOR CLOSERS. 3. OFFSET PIVOTS. 4. ADAMS RITE MS 1850A DEADLOCK. 5. MANUFACTURER'S STANDARD PUSH/PULL HARDWARE. REFER TO DRAWINGS FOR DOORS WHICH ARE TO BE PREPARED FOR CUSTOM "D" HANDLES. REFER TO NATIONAL ACCOUNTS FOR ORDERING AND INSTALLATION INFORMATION.

6. HAGER 4045 Mil. 1/2" X 4" THRESHOLD. B. SET NO. 2 - DOORS FROM TOILETS TO HALL. (SEE DOOR SCHEDULE AND FLOOR PLAN FOR QUANTITY, SIZE AND DIRECTION OF SWING.)

1. 1-1/2 PAIR BUTTS, HAGER, BB-1279 26D. 2. 1 LOCKSET, HAGER 3440 WTN US26D. 3. 1 FLOOR STOP, HAGER 241F US26D. 4. 1 KICK PLATE, HAGER 214S BLACK 10" X 2" L.W.O.D. LOCAL BARRIER FREE CODE MAY REQUIRE LARGER KICK PLATES - VERIFY BEFORE ORDERING.

5. 1 CLOSER, HAGER 5200 MLT 1-6 ALM. C. SET NO. 3 - DOOR FROM STORAGE TO EXTERIOR, METAL DOOR AND FRAME. (SEE DOOR SCHEDULE AND FLOOR PLAN FOR QUANTITY, SIZE AND DIRECTION OF SWING.)

1. 3 EA. HINGES, HAGER BB1191 32D. 2. 1 LOCKSET, HAGER 3495 WTN US26D. 3. 1 CLOSER, HAGER 5100 PA 1-6 HDHOS ALM. 4. 1 THRESHOLD, HAGER 413S MIL. 5. 1 SWEEP, HAGER 802S 9 MIL. 6. 1 HOLDER/STOP, HAGER 268S US26D. 7. 1 SET W/STRIPPING, HAGER 800S 8 MIL. 8. 1 LOCK GUARD, HAGER 341D 32D. 9. 1 DOOR VIEWER, HAGER 1756 US26D. 10. ALTERNATE DOOR VIEWER: MODEL #L-VGLF-WD, 9" X 5", NATIONAL GUARD PRODUCTS

SECTION 09 2000 GYPSUM BOARD

PART 1 GENERAL

1.1 SUMMARY

A. SECTION INCLUDES: 1. GYPSUM BOARD. 2. CEMENTITIOUS PANELS. 3. TAPING AND BEDDING OF GYPSUM BOARD.

1.3 SUBMITTALS

A. SUSTAINABLE DESIGN SUBMITTALS: 4. RECYCLED CONTENT. 5. REGIONAL MATERIALS. 6. LOW-EMITTING MATERIALS.

1.4 PROJECT CONDITIONS

A. DO NOT INSTALL GYPSUM BOARD UNTIL BUILDING IS SUBSTANTIALLY WEATHERTIGHT.

B. MAINTAIN TEMPERATURE IN SPACES IN WHICH WORK IS BEING PERFORMED ABOVE 50 DEGREES F DURING AND AFTER INSTALLATION.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. ACCEPTABLE MANUFACTURERS - GYPSUM PANELS: 1. CERTAINTED GYPSUM, INC. (WWW.CERTAINTED.COM) 2. GP GYPSUM CORPORATION. (WWW.GP.COM) 3. NATIONAL GYPSUM CO. (WWW.NATIONALGYPSUM.COM) 4. TEMPLE-INLAND. (WWW.TEMPLEINLAND.COM) 5. USG CORPORATION. (WWW.USG.COM)

B. ACCEPTABLE MANUFACTURERS - CEMENTITIOUS PANELS: 1. USG CORPORATION. (WWW.USG.COM)

2.2 MATERIALS - GYPSUM PANELS

A. REGULAR GYPSUM BOARD: ASTM C1396, 48 INCHES WIDE X THICKNESS INDICATED, MAXIMUM PRACTICAL LENGTH, TAPERED EDGE.

B. FIRE RESISTANT GYPSUM BOARD: ASTM C1396, TYPE X; 48 INCHES WIDE X THICKNESS INDICATED, MAXIMUM PRACTICAL LENGTH, TAPERED EDGE; APPLY TO FIRE RATED ASSEMBLIES.

C. WATER RESISTANT GYPSUM BOARD: ASTM C1396, 48 INCHES WIDE X THICKNESS INDICATED, MAXIMUM PRACTICAL LENGTH, WATER RESISTANT; APPLY TO WALLS TO RECEIVE TILE, SANITARY WALL PANELS AND WALLS AT LOCATIONS SPECIFIED ON DRAWINGS.

D. FIRE RESISTANT, WATER RESISTANT GYPSUM BOARD: ASTM C1396, TYPE X; 48 INCHES WIDE X THICKNESS INDICATED, MAXIMUM PRACTICAL LENGTH, WATER RESISTANT; APPLY TO WALLS TO RECEIVE TILE, SANITARY WALL PANELS AND WALLS AT LOCATIONS SPECIFIED ON DRAWINGS.

E. RECYCLED CONTENT: GYPSUM WALLBOARD SHALL

CONSTRUCTION SPECIFICATIONS:

SECTION 09 3000 TILING (CONTINUED)

3.2 INSTALLATION
A. INSTALL CRACK SUPPRESSION MEMBRANE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
B. METHODS:
1. WALLS: ANSI A108.6, THIN SET WITH EPOXY ADHESIVE.
2. FLOORS: ANSI A108.5, THIN SET WITH LATEX-PORTLAND CEMENT MORTAR.
C. MINIMIZE PIECES LESS THAN ONE HALF SIZE. LOCATE CUTS TO BE INCONSPICUOUS.
D. LAY TILE TO PATTERN SHOWN ON DRAWINGS. DO NOT INTERRUPT TILE PATTERN THROUGH OPENINGS.
E. JOINT WIDTHS:
1. CERAMIC TILE: 1/8 INCH, PLUS OR MINUS 1/16 INCH.
2. PORCELAIN AND QUARRY TILE: 1/4 INCH, PLUS OR MINUS 1/8 INCH.
F. MAKE JOINTS WATERTIGHT, WITHOUT VOIDS, CRACKS, EXCESS MORTAR, OR EXCESS GROUT. ALIGN JOINTS IN WALL AND FLOOR OF SAME-SIZED TILE.
G. FIT TILE AROUND PROJECTIONS AND AT PERIMETER. SMOOTH AND CLEAN CUT EDGES. ENSURE THAT TRIM WILL COMPLETELY COVER CUT EDGES.
H. INSTALL TRIM:
1. INSIDE CORNERS: COVE UNITS.
2. OUTSIDE CORNERS: BEAD UNITS.
3. BASE: BASE UNITS.
4. EXPOSED TILE ENDS: BULLNOSE UNITS.
I. ALLOW TILE TO SET FOR A MINIMUM OF 48 HOURS BEFORE GROUTING.
J. GROUT TILE JOINTS IN ACCORDANCE WITH ANSI A108.10 WITHOUT EXCESS GROUT.
K. CONTROL JOINTS:
1. PROVIDE CONTROL JOINTS AT:
a. CHANGES IN BACKUP MATERIAL.
b. CHANGES IN PLANE.
c. OVER JOINTS IN SUBSTRATE.
d. MAXIMUM 24 FEET ON CENTER AT INTERIOR LOCATIONS EXCEPT MAXIMUM 8 FEET AT SURFACES EXPOSED TO DIRECT SUNLIGHT.
2. FORM JOINTS PER TCNA METHOD EJ-171.
3. INSTALL JOINT BACKING AND JOINT SEALER AS SPECIFIED IN SECTION 07 9200.
3.3 ADJUSTING
A. REMOVE AND REPLACE PIECES THAT HAVE BEEN DAMAGED DURING INSTALLATION.
3.4 PROTECTION
A. PROVIDE PROTECTION FOR COMPLETED WORK USING NON-STAINING SHEET COVERINGS.
B. PROHIBIT TRAFFIC ON TILE FLOORS FOR MINIMUM 3 DAYS AFTER INSTALLATION.

SECTION 09 5100 ACOUSTICAL CEILINGS

PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. SUSPENDED METAL CEILING GRID SYSTEM.
2. ACOUSTICAL PANELS.
1.2 SUBMITTALS
A. SUSTAINABLE DESIGN SUBMITTALS:
1. RECYCLED CONTENT.
2. REGIONAL MATERIALS.
1.3 PROJECT CONDITIONS
A. ENVIRONMENTAL REQUIREMENTS: INSTALL IN APPROXIMATELY SAME CONDITIONS OF TEMPERATURE AND HUMIDITY AS WILL PREVAIL AFTER INSTALLATION.
1.4 MAINTENANCE
A. EXTRA MATERIALS: ONE UNOPENED CARTON OF EACH ACOUSTICAL PANEL.
PART 2 PRODUCTS
2.1 MANUFACTURERS
A. ACCEPTABLE MANUFACTURERS - SUSPENSION SYSTEM:
1. ARMSTRONG WORLD INDUSTRIES. (WWW.ARMSTRONG.COM)
2. ACCEPTABLE MANUFACTURERS - ACOUSTICAL UNITS:
1. ARMSTRONG WORLD INDUSTRIES. (WWW.ARMSTRONG.COM)
2. SUBSTITUTIONS: NOT PERMITTED.
2.2 MATERIALS
A. SUSPENSION GRID SYSTEM:
1. GRID TYPE: EXPOSED T.
2. MATERIAL: GALVANIZED STEEL.
3. RUNNERS: 1-1/2 INCHES HIGH, 15/16 INCH EXPOSED WIDTH, FLUSH SLOTTED PROFILE.
4. PERIMETER MOLDING: ANGLE SHAPE.
5. FINISH: FACTORY APPLIED ENAMEL PAINT, SPRAYED AND BAKED, WHITE.
6. ACCESSORIES: STABILIZER BARS, CLIPS AND SPLICES.
B. ACOUSTICAL PANELS (PUBLIC AREAS):
1. SIZE: 24 X 24 INCHES X 3/4 INCH THICK.
2. EDGE CONFIGURATION: BEVELED.
3. PERFORMANCE REQUIREMENTS: TESTED IN ACCORDANCE WITH ASTM E1264.
a. NRC: 0.55.
b. CAC: 35.
c. LIGHT REFLECTANCE: LR-0.85.
C. ACOUSTICAL PANELS (KITCHEN, SERVICE LINE AND FOOD AREAS):
1. SIZE: 24 X 48 INCHES X 5/8 INCH THICK.
2. EDGE CONFIGURATION: SQUARE.
3. PERFORMANCE REQUIREMENTS: TESTED IN ACCORDANCE WITH ASTM E1264.
a. NRC: NA.
D. RECYCLED CONTENT:
1. CEILING TILES CONTAIN 23% - 55% RECYCLED CONTENT.
2. SUSPENSION SYSTEMS CONTAIN 30% RECYCLED CONTENT - 23% POST-CONSUMER, 7% PRE-CONSUMER.
2.3 ACCESSORIES
A. SUPPORT CHANNELS: GALVANIZED STEEL, SIZE AND TYPE TO SUIT APPLICATION.
B. HANGER WIRE:
1. ASTM A641, MINIMUM 12 GAGE GALVANIZED STEEL.
C. TOUCH-UP PAINT: COLOR TO MATCH ACOUSTICAL PANELS AND SUSPENSION GRID.
PART 3 EXECUTION
3.1 INSTALLATION
A. INSTALL CEILINGS IN ACCORDANCE WITH ASTM C636 AND CISCA HANDBOOK.
B. MINIMIZE PANELS LESS THAN ONE HALF SIZE.
C. INSTALL MOLDING AROUND PERIMETERS AND ABUTTING SURFACES. MITER MOLDING AT EXTERIOR CORNERS. CUT FLANGES AND BEND WEB TO FORM INTERIOR CORNERS.
D. SPACE HANGER WIRES MAXIMUM 48 INCHES ON CENTER. INSTALL ADDITIONAL HANGERS WHERE REQUIRED TO SUPPORT LIGHT FIXTURES AND CEILING SUPPORTED EQUIPMENT.
E. DO NOT SUSPEND HANGERS DIRECTLY FROM METAL DECK. ATTACH STEEL CHANNEL HORIZONTALLY TO ADJACENT FRAMING MEMBERS; PLACE HANGER AT REGULAR SPACING.
F. HANG SUSPENSION SYSTEM INDEPENDENT OF WALLS, COLUMNS, DUCTS, PIPES, AND CONDUIT.
G. WHERE DUCTS OR OTHER EQUIPMENT PREVENT REGULAR SPACING OF HANGERS:
1. REINFORCE NEAREST RELATED HANGERS TO SPAN EXTRA DISTANCE. OR
2. SUSPEND STEEL CHANNEL HORIZONTALLY BENEATH DUCT OR EQUIPMENT; PLACE HANGER AT REGULAR SPACING.
H. INSTALL MAIN TEES AT MAXIMUM 48 INCHES ON CENTER.
I. INSTALL CROSS TEES TO FORM 24 X 48 INCH MODULES. LOCK CROSS TEES TO MAIN TEES.
J. SUPPORT ENDS OF TEES ON FLANGE OF PERIMETER MOLDING.
K. PLACE ACOUSTICAL PANELS WITH EDGES RESTING FLAT ON SUSPENSION GRID.
L. CUTTING ACOUSTIC UNITS:
1. CUT TO FIT IRREGULAR GRID AND PERIMETER EDGE TRIM AND AROUND PENETRATIONS.

2. LOCATE CUTS TO BE CONCEALED.
3. CUT AND FIELD PAINT EXPOSED EDGES OF REVEAL EDGE UNITS TO MATCH FACTORY EDGE.
M. INSTALLATION TOLERANCES: CEILINGS LEVEL TO 1/8 INCH IN 12 FEET MEASURED IN ANY DIRECTION.
3.2 ADJUSTING
TOUCH UP MINOR SCRATCHES AND ABRASIONS TO MATCH FACTORY FINISH.

SECTION 09 7200 WALL COVERINGS

PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. VINYL WALL COVERINGS.
1.2 SUBMITTALS
A. SUSTAINABLE DESIGN SUBMITTALS:
1. RECYCLED CONTENT.
2. REGIONAL MATERIALS.
3. LOW-EMITTING MATERIALS.
1.3 QUALITY ASSURANCE
A. INSTALLER QUALIFICATIONS: MINIMUM 5 YEARS' EXPERIENCE IN WORK OF THIS SECTION.
1.4 DELIVERY, STORAGE AND HANDLING
A. STORE MATERIALS IN CLEAN, DRY STORAGE AREA AT MINIMUM 40 DEGREES F AND NORMAL HUMIDITY.
B. DO NOT STORE ROLLS IN UPRIGHT POSITION.
1.5 PROJECT CONDITIONS
A. MAINTAIN MINIMUM TEMPERATURE OF 50 DEGREES F IN AREAS TO RECEIVE WALL COVERING FOR THREE DAYS PRIOR TO, DURING, AND AFTER INSTALLATION.
1.6 MAINTENANCE
A. EXTRA MATERIALS: 5 PERCENT OF EACH COLOR AND PATTERN.
PART 2 PRODUCTS
2.1 MANUFACTURERS
A. ACCEPTABLE MANUFACTURERS:
1. DL COUCH (HTTP://WWW.DLCOUCH.COM)
2. WOLF GORDON (HTTP://WWW.WOLFGORDON.COM/WALLCOVERING.HTML)
B. SUBSTITUTIONS: NOT PERMITTED.
2.2 MATERIALS
A. VINYL WALL COVERING:
1. MANUFACTURER: SEE SECTION 2.1.
2. PATTERN AND COLOR: SEE NATIONAL ACCOUNTS SOURCE INFORMATION.
2.3 ACCESSORIES
A. SEALER: TYPE RECOMMENDED BY WALL COVERING MANUFACTURER.
B. ADHESIVE:
1. TYPE RECOMMENDED BY WALL COVERING MANUFACTURER; WATER BASED, MILDEW RESISTANT.
2. MAXIMUM VOLATILE ORGANIC COMPOUND (VOC) CONTENT: 50 GRAMS PER LITER.
C. PATCHING COMPOUND: WHITE LATEX TYPE.
PART 3 EXECUTION
3.1 PREPARATION
A. PREPARE SUBSTRATE TO RECEIVE WALL COVERING:
1. REMOVE HIGH SPOTS.
2. FILL HOLES, CRACKS, AND DEPRESSIONS WITH PATCHING COMPOUND; SAND SMOOTH AND FLUSH.
3. REMOVE LOOSE AND FOREIGN MATTER THAT COULD IMPAIR ADHESION.
4. APPLY SEALER AS RECOMMENDED BY WALL COVERING MANUFACTURER.
B. REMOVE WALL COVERING FROM PACKAGING; PLACE IN INSTALLATION AREA, AND ALLOW TO ACCLIMATE FOR MINIMUM 24 HOURS PRIOR TO INSTALLATION.
3.2 INSTALLATION
A. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
B. INSTALL PANELS VERTICALLY.
C. DO NOT LOCATE JOINTS WITHIN 6 INCHES OF CORNERS. HORIZONTAL JOINTS NOT PERMITTED.
D. SMOOTH WALL COVERING TO ELIMINATE BUBBLES AND ENSURE ADHESION. REMOVE EXCESS ADHESIVE FROM SEAMS IMMEDIATELY.
E. USE PANELS IN EXACT ORDER THEY ARE CUT FROM ROLL. REVERSE EVERY OTHER PANEL OF NON-MATCHING PATTERNS.
F. FILL IN ABOVE AND BELOW OPENINGS WITH PANELS CUT IN CONSECUTIVE ORDER FROM ROLL.
G. INSTALL WALL COVERING FREE FROM BUBBLES, WRINKLES, OPEN OR LOOSE SEAMS, AND OTHER VISIBLE DEFECTS.

SECTION 09 7333 SANITARY WALL PANELS

PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. PREFINISHED SANITARY WALL PANELS.
2. TRIM.
1.2 SUBMITTALS
A. SUSTAINABLE DESIGN SUBMITTALS:
1. REGIONAL MATERIALS.
2. LOW-EMITTING MATERIALS.
1.3 QUALITY ASSURANCE
A. INSTALLER QUALIFICATIONS: MINIMUM 5 YEARS' EXPERIENCE IN WORK OF THIS SECTION.
1.4 PROJECT CONDITIONS
A. DO NOT INSTALL PRODUCTS IF TEMPERATURE, HUMIDITY, AND VENTILATION REQUIREMENTS ARE OUTSIDE LIMITS RECOMMENDED BY MANUFACTURER.
PART 2 PRODUCTS
2.1 MANUFACTURERS
A. ACCEPTABLE MANUFACTURERS:
1. CRANE COMPOSITES (WWW.CRANECOMPOSITES.COM)
2. MARLITE (WWW.MARLITE.COM)
B. SUBSTITUTIONS: NOT PERMITTED.
2.2 MATERIALS
A. SANITARY WALL PANELS:
1. TYPE: GLASS FIBER REINFORCED PLASTIC, USDA APPROVED FOR INCIDENTAL FOOD CONTACT.
2. SIZE: 3/32 INCH THICK X 48 INCHES WIDE X MAXIMUM PRACTICAL LENGTH.
3. COLOR: AS INDICATED ON DRAWINGS
4. SURFACE TEXTURE: LOW GLOSS, PEBBLED.
2.3 ACCESSORIES
A. TRIM:
1. ONE PIECE EXTRUDED PVC, MANUFACTURER'S STANDARD PROFILE.
2. INSIDE AND OUTSIDE CORNERS, DIVISION BAR, AND J-MOLDING.
3. COLOR: TO MATCH PANELS.
B. ADHESIVE:
1. COMPATIBLE WITH PANELS AND SUBSTRATE; RECOMMENDED BY PANEL MANUFACTURER.
2. MAXIMUM VOLATILE ORGANIC COMPOUND (VOC) CONTENT: 70 GRAMS PER LITER.
C. JOINT SEALER: SPECIFIED IN SECTION 07 9200.
D. PATCHING COMPOUND: WHITE LATEX TYPE.
PART 3 EXECUTION
3.1 PREPARATION
A. PREPARE SUBSTRATE TO RECEIVE PANELS:
1. REMOVE HIGH SPOTS.
2. FILL LOW SPOTS WITH PATCHING COMPOUND; SAND SMOOTH.
3. REMOVE LOOSE AND FOREIGN MATTER THAT COULD IMPAIR ADHESION.

3.2 INSTALLATION
A. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
B. INSTALL TRIM:
1. PANEL-TO-PANEL JOINTS: DIVISION BAR.
2. INTERNAL AND EXTERNAL CORNERS.
3. EXPOSED EDGES: J MOLDING.
4. SECURE TO SUBSTRATE.
C. CUT PANELS TO FIT AT PERIMETER AND AROUND PENETRATIONS. ENSURE THAT TRIM WILL COMPLETELY COVER CUT EDGES.
D. MAINTAIN 1/8 TO 3/16 INCH EXPANSION SPACE AT PERIMETER AND AROUND PENETRATIONS.
E. ADHERE PANELS TO SUBSTRATE WITH FULL BED OF ADHESIVE.
F. INSTALL CONTINUOUS BEAD OF JOINT SEALER BETWEEN PANELS AND TRIM AND BETWEEN TRIM AND ADJACENT CONSTRUCTION.

SECTION 09 9100 PAINTING

PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. TEXTURING OF GYPSUM BOARD.
2. SURFACE PREPARATION AND FIELD APPLICATION OF PAINTS.
1.2 SUBMITTALS
A. SUSTAINABLE DESIGN SUBMITTALS:
1. REGIONAL MATERIALS.
2. LOW-EMITTING MATERIALS.
1.3 DELIVERY, STORAGE AND HANDLING
A. PAINT MATERIALS: STORE AT AMBIENT TEMPERATURE FROM 45 TO 90 DEGREES F IN VENTILATED AREA, OR AS REQUIRED BY MANUFACTURER'S INSTRUCTIONS.
1.4 PROJECT CONDITIONS
A. DO NOT APPLY MATERIALS WHEN SURFACE AND AMBIENT TEMPERATURES OR RELATIVE HUMIDITY ARE OUTSIDE RANGES REQUIRED BY PAINT MANUFACTURER.
B. MAINTAIN AMBIENT AND SUBSTRATE TEMPERATURES ABOVE MANUFACTURER'S MINIMUM REQUIREMENTS FOR 24 HOURS BEFORE, DURING AND AFTER PAINT APPLICATION.
C. DO NOT APPLY MATERIALS WHEN RELATIVE HUMIDITY IS ABOVE 85 PERCENT OR WHEN DEW POINT IS LESS THAN 5 DEGREES F DIFFERENT THAN AMBIENT OR SURFACE TEMPERATURE.
D. PROVIDE LIGHTING LEVEL OF 30 FOOT-CANDLES AT SUBSTRATE SURFACE.
1.5 MAINTENANCE
A. EXTRA MATERIALS: 1 GALLON OF EACH COLOR AND SHEEN.
PART 2 PRODUCTS
2.1 MANUFACTURERS
A. ACCEPTABLE MANUFACTURERS:
1. SHERWIN WILLIAMS (WWW.SHERWIN-WILLIAMS.COM)
B. SUBSTITUTIONS: NOT PERMITTED.
2.2 MATERIALS
A. PAINTS:
1. AS SCHEDULED AT END OF SECTION, OR APPROVED SUBSTITUTE.
2. FREE FROM ALL FORMS OF LEAD AND MERCURY.
3. ALL PAINTS USED IN EITHER FOOD PREPARATION, SALES OR STORAGE AREAS MUST BE NON-TOXIC TO FOODS.
2.3 ACCESSORIES
A. ACCESSORY MATERIALS: PAINT THINNERS AND OTHER MATERIALS REQUIRED TO ACHIEVE SPECIFIED FINISHES: COMMERCIAL QUALITY.
B. PATCHING MATERIALS: LATEX FILLER.
C. FASTENER HEAD COVER MATERIALS: LATEX FILLER.
2.3 MIXES
A. DELIVER PAINTS PRE-MIXED AND PRE-TINTED.
B. UNIFORMLY MIX TO THOROUGHLY DISPERSE PIGMENTS.
C. DO NOT THIN IN EXCESS OF MANUFACTURER'S RECOMMENDATIONS.
D. RE-MIX PAINT DURING APPLICATION; ENSURE COMPLETE DISPERSION OF SETTLED PIGMENT AND UNIFORMITY OF COLOR AND GLOSS.
PART 3 EXECUTION
3.1 EXAMINATION
A. TEST SHOP APPLIED PRIMER FOR COMPATIBILITY WITH SUBSEQUENT COATINGS.
B. MEASURE MOISTURE CONTENT OF SURFACES USING ELECTRONIC MOISTURE METER. DO NOT APPLY COATINGS UNLESS MOISTURE CONTENT OF SURFACES ARE BELOW FOLLOWING MAXIMUMS:
1. GYPSUM BOARD AND PLASTER: 12 PERCENT.
2. WOOD: 15 PERCENT, MEASURED TO ASTM D4442.
3.2 PREPARATION
A. GENERAL:
1. PROTECT ADJACENT AND UNDERLYING SURFACES.
2. REMOVE OR MASK ELECTRICAL PLATES, HARDWARE, LIGHT FIXTURE TRIM, ESCUTCHEONS, AND FITTINGS PRIOR TO PREPARING SURFACES OR FINISHING.
3. CORRECT DEFECTS AND CLEAN SURFACES CAPABLE OF AFFECTING WORK OF THIS SECTION.
4. SEAL MARKS THAT MAY BLEED THROUGH SURFACE FINISHES WITH SHELLAC.
B. IMPERVIOUS SURFACES: REMOVE MILDEW BY SCRUBBING WITH SOLUTION OF TRISODIUM PHOSPHATE AND BLEACH, RINSE WITH CLEAN WATER AND ALLOW TO DRY.
C. GYPSUM BOARD:
1. FILL MINOR DEFECTS WITH FILLER COMPOUND. SPOT PRIME DEFECTS AFTER REPAIR.
D. PLASTER:
1. FILL HAIRLINE CRACKS, SMALL HOLES, AND IMPERFECTIONS WITH LATEX PATCHING PLASTER. FINISH SMOOTH AND FLUSH WITH ADJACENT SURFACES.
2. WASH AND NEUTRALIZE HIGH ALKALI SURFACES.
E. ALUMINUM: SSPC METHOD SP1 - SOLVENT CLEANING.
F. UNCOATED FERROUS METALS: SSPC METHOD SP2 - HAND TOOL CLEANING OR METHOD SP3 - POWER TOOL CLEANING.
G. SHOP PRIMED FERROUS METALS:
1. SSPC METHOD SP2 - HAND TOOL CLEANING OR METHOD SP3 - POWER TOOL CLEANING.
2. FEATHER EDGES TO MAKE PATCHES INCONSPICUOUS.
3. PRIME BARE STEEL SURFACES.
H. INTERIOR WOOD:
1. WIPE OFF DUST AND GRIT.
2. SEAL KNOTS, PITCH STREAKS, AND SAPPY SECTIONS WITH SEALER.
3. FILL NAIL HOLES AND CRACKS AFTER PRIMER HAS DRIED; SAND BETWEEN COATS.
I. EXISTING SURFACES:
1. REMOVE LOOSE, FLAKING, POWDERY, AND PEELING PAINTS.
2. LIGHTLY SAND GLOSSY PAINTED SURFACES.
3. FILL HOLES, CRACKS, DEPRESSIONS AND OTHER IMPERFECTIONS WITH PATCHING COMPOUND; SAND FLUSH WITH SURFACE.
4. REMOVE OIL, GREASE, AND WAX BY SCRUBBING, SOLVENT WASH AND THOROUGHLY RINSE.
5. REMOVE RUST BY WIRE BRUSHING TO EXPOSE BASE METAL.
3.3 APPLICATION
A. APPLY PAINTS IN ACCORDANCE WITH MPI PAINTING MANUAL, PREMIUM GRADE FINISH REQUIREMENTS.
B. APPLY PRIMER OR FIRST COAT CLOSELY FOLLOWING SURFACE PREPARATION TO PREVENT RECONTAMINATION.
C. DO NOT APPLY FINISHES TO SURFACES THAT ARE NOT DRY.
D. APPLY COATINGS TO MINIMUM DRY FILM THICKNESS RECOMMENDED BY MANUFACTURER.
E. APPLY EACH COAT OF PAINT SLIGHTLY DARKER THAN PRECEDING COAT UNLESS SPECIFIED OTHERWISE.
F. APPLY COATINGS TO UNIFORM APPEARANCE WITHOUT LAPS, SAGS, CURTAINS, HOLIDAYS, AND BRUSH MARKS.
G. ALLOW APPLIED COATS TO DRY BEFORE NEXT COAT IS APPLIED.
H. WHEN REQUIRED ON DEEP AND BRIGHT COLORS APPLY AN ADDITIONAL FINISH COAT TO ENSURE COLOR CONSISTENCY.
I. CONTINUE PAINT FINISHES BEHIND WALL-MOUNTED ACCESSORIES.
J. SAND BETWEEN COATS ON INTERIOR WOOD AND METAL SURFACES.
K. MATCH FINAL COAT TO APPROVED COLOR SAMPLES.
L. WHERE CLEAR FINISHES ARE SPECIFIED, TINT FILLERS TO MATCH WOOD. WORK FILLERS INTO GRAIN BEFORE SET. WIPE EXCESS FROM SURFACE.
M. PRIME CONCEALED SURFACES OF EXTERIOR WOOD AND INTERIOR WOOD IN CONTACT WITH

MASONRY OR CEMENTITIOUS MATERIALS] WITH ONE COAT PRIMER PAINT.
N. MECHANICAL AND ELECTRICAL COMPONENTS:
1. PAINT FACTORY PRIMED EQUIPMENT.
2. PANEL-TO-PANEL UNFINISHED AND PRIMED LOUVERS, GRILLES, COVERS, AND ACCESS PANELS; PAINT SEPARATELY.
3. PAINT EXPOSED AND INSULATED PIPES, CONDUIT, BOXES, DUCTS, HANGERS, BRACKETS, COLLARS, AND SUPPORTS UNLESS FACTORY FINISHED.
4. DO NOT PAINT NAME TAGS OR IDENTIFYING MARKINGS.
5. PAINT EXPOSED CONDUIT AND ELECTRICAL EQUIPMENT IN FINISHED AREAS.
6. PAINT DUCT WORK BEHIND LOUVERS, GRILLES, AND DIFFUSERS FLAT BLACK TO MINIMUM OF 18 INCHES OR BEYOND SIGHT LINE.
O. DO NOT PAINT:
1. SURFACES INDICATED ON DRAWINGS OR SPECIFIED TO BE UNPAINTED OR UNFINISHED.
2. SURFACES WITH FACTORY APPLIED FINISH COAT OR INTEGRAL FINISH.
3. ARCHITECTURAL METALS, INCLUDING BRASS, BRONZE, STAINLESS STEEL, AND CHROME PLATING.
3.4 ADJUSTING
A. TOUCH UP OR REFINISH DISFIGURED SURFACES.
3.5 CLEANING
A. REMOVE PAINT FROM ADJACENT SURFACES.
3.6 NEW BUILDING - EXTERIOR FINISH SCHEDULE
A. DOORS AND TRIM
1. BACK DOOR
GALVANIZED IRON, NEW
PRIMER: PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER, B66-310 SERIES, <100 GIL VOC
1ST COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES, 0 GIL VOC
2ND COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES, 0 GIL VOC
2. ALUMINUM TRIM
PRIME COAT: S-W DTM WASH PRIMER, B71Y1 (3.4 MILS. WET, 0.7 MILS. DRY)
1ST COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES 0 GIL VOC
2ND COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES 0 GIL VOC
WOOD, NEW
USE THREE SEALANT COATS OF SHERWIN WILLIAMS #A68 SERIES WATERBORNE POLYURETHANE SEMI-GLOSS OR GLOSS
OVER SHERWIN WILLIAMS #SWBW "BRIGHTON WALNUT" CUSTOM DD STAIN MIX.
EG-SHEL FINISH - LOW ODOR ZERO VOC SYSTEM
PRIMER: PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER, B28W2600 0 GIL VOC
1ST COAT: PROMAR 200 ZERO VOC EG-SHEL B26-2600 SERIES, 0 GIL VOC
2ND COAT: PROMAR 200 ZERO VOC EG-SHEL B26-2600 SERIES, 0 GIL VOC
WOOD, NEW
USE THREE SEALANT COATS OF SHERWIN WILLIAMS #A68 SERIES WATERBORNE POLYURETHANE SEMI-GLOSS OR GLOSS
OVER SHERWIN WILLIAMS #SWBW "BRIGHTON WALNUT" CUSTOM DD STAIN MIX.
EG-SHEL FINISH - LOW ODOR ZERO VOC SYSTEM
PRIMER: PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER, B28W2600 0 GIL VOC
1ST COAT: PROMAR 200 ZERO VOC EG-SHEL B26-2600 SERIES, 0 GIL VOC
2ND COAT: PROMAR 200 ZERO VOC EG-SHEL B26-2600 SERIES, 0 GIL VOC
FOR DETAILED INFORMATION
SPOT PRIME: SW PRO-CRYL UNIVERSAL PRIMER AT AREAS WHICH HAVE SIGNS OF RUST
1ST COAT: S-W BOND-PLEX ACRYLIC COATING
2ND COAT: S-W BOND-PLEX ACRYLIC COATING
B. BACK DOOR (NEW, REPAINTED OR WEATHERED)
PRIMER: PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER, B66-310 SERIES, <100 GIL VOC
1ST COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES, 0 GIL VOC
2ND COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES, 0 GIL VOC
C. EXTERIOR WALLS
CMU (STANDARD)
1ST COAT: S-W PREPRITE BLOCK FILLER, B25W25 (75-125 SQ FT/GAL)
2ND COAT: S-W A-100 EXTERIOR LATEX GLOSS, A8 SERIES
3RD COAT: S-W A-100 EXTERIOR LATEX GLOSS, A8 SERIES (4 MILS WET, 1.4 MILS DRY PER COAT)
3.8 REMODELING SPECIFICATIONS - INTERIOR FINISH SCHEDULE (REFER TO SECTION 3.6 FOR ALL WALLS, SOFFITS, CEILINGS, DOORS AND TRIMS NOT LISTED BELOW)
A. DOORS AND TRIMS
WOOD, REPAINT
PRIMER: HARMONY ZERO VOC WALL PRIMER, B11W1500, 0 GIL VOC
1ST COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES, 0 GIL VOC
2ND COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES, 0 GIL VOC

SECTION 10 2813 TOILET AND KITCHEN ACCESSORIES

PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. TOILET ACCESSORIES.
2. KITCHEN ACCESSORIES.
1.2 SUBMITTALS
A. SUSTAINABLE DESIGN SUBMITTALS:
1. RECYCLED CONTENT.
2. REGIONAL MATERIALS.
1.3 QUALITY ASSURANCE
A. CONFORM TO APPLICABLE ACCESSIBILITY CODE FOR LOCATING ACCESSORIES.
1.4 WARRANTIES
PART 2 PRODUCTS
2.1 MANUFACTURERS
A. ACCEPTABLE MANUFACTURERS:
1. AMERICAN SPECIALTIES, INC. (WWW.AMERICANSPECIALTIES.COM)
2. BOBRICK WASHROOM EQUIPMENT, INC. (WWW.BOBROCK.COM)
3. KIMBERLY-CLARK PROFESSIONAL (WWW.KCPROFESSIONAL.COM)
4. KAY CHEMICAL COMPANY (WWW.ECOLAB.COM)
5. EXCEL DRYER INC. (WWW.EXCELDRYER.COM)
6. PROCTOR AND GAMBLE (WWW.PG.COM)
B. SUBSTITUTIONS: NOT PERMITTED.
2.2 ACCESSORIES
A. FASTENERS: STAINLESS STEEL WHERE EXPOSED, HOT DIP GALVANIZED WHERE CONCEALED; TYPE BEST SUITED TO SUBSTRATE CONDITIONS.
2.3 FABRICATION
A. PROVIDE HANGERS, ADAPTERS, ANCHOR PLATES, AND ACCESSORIES REQUIRED FOR INSTALLATION.
PART 3 EXECUTION
3.1 INSTALLATION
A. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
B. SET PLUMB, LEVEL, SQUARE, AND RIDG.
C. INSTALL WIRING BETWEEN POWER SUPPLY AND ACCESSORIES.
3.2 SCHEDULE
A. BATHROOM HARDWARE (SEE NATIONAL ACCOUNT SOURCE INFO FOR PACKAGE ORDERING INFORMATION)
REFER TO RESTROOM EQUIPMENTS SCHEDULE ON SHEET.
B. KITCHEN AND STORAGE HARDWARE
REFER TO KITCHEN EQUIPMENTS SCHEDULE ON SHEET.

SECTION 12 2413 ROLLER WINDOW SHADES

PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. MANUALLY OPERATED WINDOW SHADES.
1.2 SUBMITTALS
A. SUBMITTALS FOR REVIEW:
1. PRODUCT DATA: INDICATE COMPONENTS, MATERIALS, FINISHES, ATTACHMENT, AND OPERATION.
2. SAMPLES:
a. 12 X 12 INCH SHADE CLOTH SAMPLES IN EACH COLOR.
b. SUBMIT WORKING HAND SAMPLE OR MOCK UP SHADE AS REQUIRED.
3. WARRANTY: SAMPLE WARRANTY FORM.
1.3 PROJECT CONDITIONS
A. VERIFY DIMENSIONS AT SITE PRIOR TO FABRICATION OF SHADES.
B. DO NOT INSTALL SHADES UNTIL PAINTING AND FINISHING WORK IS COMPLETE AND AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS ARE MAINTAINED AT OCCUPANCY LEVELS.
PART 2 PRODUCTS
2.1 MANUFACTURERS
A. ACCEPTABLE MANUFACTURERS:
1. PHIFER, INC. (WWW.PHIFER.COM)
2. ROLL-A-SHADE (WWW.ROLLASHADE.COM)
B. SUBSTITUTIONS: NOT PERMITTED.
2.2 MANUFACTURED UNITS
A. PRODUCT: MYLAR SHADES
B. SOLAR SHADE FABRIC: SELECT FROM NFPA 701-1999 FR AND ASTM-G21 AND G22 BACTERIA AND FUNGAL RESISTANCE APPROVED
COLOR: BRONZE / BRONZE
NO SEAMS FOR SHADES LESS THAN 72" IN ONE DIRECTION
% SOLAR TRANSMITTANCE 27
% SOLAR REFLECTANCE 19
% SOLAR ABSORBANCE 54
% VISIBLE LIGHT TRANSMITTANCE 15
SHADING COEFFICIENT 0.48
THICKNESS 4+ MM
C. ROLLER TUBES: SHALL BE 1 1/2" HARDENED ALUMINUM ROLLER WITH INTERNAL DRIVE KEY. LARGER DIAMETER ROLLERS SHOULD BE SUPPLIED FOR HEAVY SHADES.
D. CLUTCH SYSTEMS: SHALL BE ROLL EASE MULTI DIRECTIONAL 8 POUND LIFT - COLOR TO BE BLACK. LARGER CLUTCHES SHOULD BE SUPPLIED FOR HEAVY SHADES.
E. BRACKETS - SAFETY LOCKING POSITIVE DRIVE SPEER - LOCKING IDLER SIDE.
F. CHAIN - STAINLESS STEEL QUALIFIED WITH STOPS
G. BOTTOM HEM BAR WILL BE DÉCOR BAR BLACK 1/2" X 1" PUNCH PRESS TAPERED CUT FOR CLEAN (NO BUR) EDGE.
H. END CAPS - COLOR TO BE BLACK. BONDED TO THE BOTTOM BAR.
I. CHAIN HOLD DOWN - CLEAR DOG BONE WITH SCREW THAT LOCKS CHAIN INTO PLACE.
PART 3 EXECUTION
3.1 INSTALLATION
A. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
B. PROVIDE ADEQUATE CLEARANCES TO ALLOW FOR PROPER OPERATION.
C. PLACE UNITS TO LOCATE SHADE CLOTH MINIMUM 2 INCHES FROM INTERIOR FACE OF GLASS.
3.2 ADJUSTING
ADJUST SHADES FOR SMOOTH, QUIET OPERATION.

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Table with 2 columns: No., Date. Rows for Drawing Issues and Revisions.

Project information: NJ CID: 21D00025000, NY: 025618, FL: AR95762, WI: 11180-5, PA: RA-01511218, DC: ARG101828, GA: RA 019883, VA: 401016373, NC: 11736. Includes Gary Kliesch AIA, NCARB, NCID.

Proposed Alteration of: DUNKIN' 40 S. Route 9W West Haverstraw, NY PC #302235 OMNI

Table with 2 columns: Date, Dwg No. Date: 08/17/21, Dwg No: GN 1.2. Includes fields for Drawn By (A.T.), Checked By (C.F.), Job No (19-242), and Page (3 of 8).

CONSTRUCTION SPECIFICATIONS:

DIVISION 22 - PLUMBING

SECTION 22 1000 PLUMBING

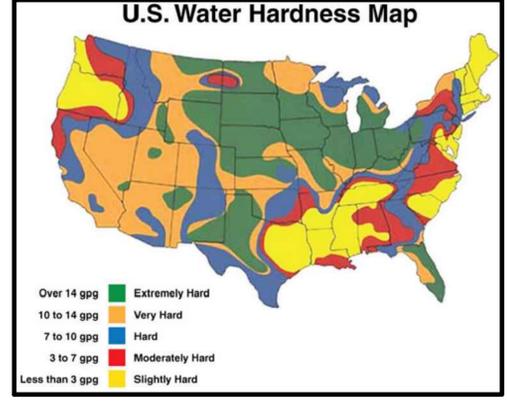
PART 1 GENERAL
1.1 WORK INCLUDED
A. FURNISH ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY FOR THE COMPLETE INSTALLATION OF THE SANITARY SEWER SYSTEM INCLUDING SOIL AND VENT PIPING, WATER SERVICE, WATER METER, TRAP VALVES, BOXES, AND COLD AND HOT WATER SUPPLY SYSTEM INCLUDING ALL REQUIRED 140 DEGREE PIPING, ALL REQUIRED GAS PIPING, HOT WATER HEATER, PLUMBING FITTINGS AND FIXTURES, AND ALL RELATED FITTINGS AND CONTROLS; CONNECTING OF ALL KITCHEN AND SERVICE AREA EQUIPMENT PROVIDED BY LESSEE OR FRANCHISE OWNER AND ALL OTHER WORK REQUIRED FOR A COMPLETE SYSTEM AS DETAILED ON THE DRAWINGS OR SPECIFIED IN THIS SECTION.
B. IN AREAS WHERE NATURAL GAS IS NOT AVAILABLE, FURNISH AND INSTALL L.P. GAS PIPING AND TANKS.
1.2 PERMITS AND INSPECTIONS
A. ALL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH STATE, COUNTY AND MUNICIPAL ORDINANCES AND REGULATIONS.
B. ALL PERMITS AND FEES SHALL BE APPLIED AND PAID FOR UNDER THIS SECTION, INCLUDING ALL REQUIRED INSPECTIONS FOR WATER, GAS AND SANITARY DRAINAGE SYSTEMS, REQUIRED WATER METER AND CONNECTIONS TO SEWERS.
1.3 LESSEE'S OR FRANCHISE OWNER'S EQUIPMENT
A. MAKE FINAL CONNECTIONS TO ALL LESSEE'S OR FRANCHISE OWNER'S EQUIPMENT AND FURNISH AND INSTALL ANY FITTINGS OR INCIDENTAL ACCESSORIES THAT MAY BE NECESSARY FOR JOB CONDITIONS OR THAT MAY BE REQUIRED BY LOCAL BUILDING OR HEALTH CODES FOR COMPLETING FINAL CONNECTIONS AND MAKING EQUIPMENT READY FOR OPERATION.
1.4 UNDER-SLAB UTILITIES
A. DIMENSIONS FOR ALL UNDER-SLAB UTILITIES ARE CRITICAL FOR LATER EQUIPMENT INSTALLATION. CROSS-REFERENCE ALL DRAWINGS WITH THIS WORK, INCLUDING ALL ELEVATIONS, SHOWING DIMENSIONAL LOCATION OF THIS WORK.

PART 2 PRODUCTS
2.1 MATERIAL
A. DOMESTIC WATER PIPING SHALL BE COPPER OR PEX PIPING ACCORDING TO THE LOCAL CODE MINIMUM REQUIREMENTS.
B. COPPER WATER PIPING ABOVE GRADE SHALL BE TYPE "M" HARD DRAWN COPPER TUBING, WITH WROUGHT COPPER FITTINGS; PIPING BELOW GRADE SHALL BE TYPE "K" SOFT COPPER TUBING WITH FLARED FITTINGS. SIZES ARE SHOWN ON PLUMBING DRAWINGS. PIPING SHALL BE MADE UP WITH SWEAT FITTINGS. SOLDER SHALL BE 95-50 TYPE. THE ENTIRE LENGTH OF ALL TYPE "K" PIPING UNDER THE SLAB AND PENETRATING THROUGH THE SLAB WILL BE INSTALLED IN THE 1/2 IN. THICK ARMAFLEX INSULATION.
C. PEX PIPING AND FITTING SHALL BE SUITABLE FOR DOMESTIC USE. INSTALL PIPING SYSTEM IN COMPLIANCE WITH THE MANUFACTURERS REQUIREMENTS. PEX PIPING OR FITTING SHALL NOT BE INSTALLED IN AREAS WITH FIVE FEET OF UV LIGHT OR EXPOSED TO UV LIGHT FOR AN EXTENDED PERIOD. PEX PIPING IS SUPPORTED AS SPECIFIED BY THE MANUFACTURER AND LOCAL CODE REQUIREMENTS. UNDERGROUND / UNDER-BUILDING SLAB, DOMESTIC WATER PIPING SHALL BE 1/2 INCH THROUGH 3 INCH PEX PIPING SUITABLE FOR DOMESTIC USE WITH ENGINEERED POLYMER (EP) OR LEAD-FREE BRASS FITTINGS USING THE FEWEST POSSIBLE JOINTS AS POSSIBLE. REFER TO THE MANUFACTURER'S RECOMMENDATIONS FOR THE PIPING AS REQUIRED. ABOVEGROUND DOMESTIC WATER PIPING (3 INCHES AND BELOW SHALL BE THE FOLLOWING: PEX PIPING SUITABLE FOR DOMESTIC USE WITH ENGINEERED POLYMER (EP) OR LEAD-FREE BRASS FITTINGS.
D. BUILDING SEWER AND ALL UNDERGROUND DRAINAGE AND VENT LINES SHALL BE SIZED AS SHOWN ON DRAWINGS, OR AS REQUIRED BY LOCAL CODES. TYPE SHALL BE STANDARD WEIGHT HUB AND SPIGOT CAST IRON PIPE AND NEOPRENE GASKET FITTINGS, UNLESS OTHERWISE SHOWN OR NOTED. SERVICE WEIGHT CAST IRON PIPE, IF ALLOWED BY LOCAL CODES, MAY BE USED IF ALLOWED BY LOCAL CODES. FROM 10 FT. OUTSIDE THE BUILDINGS, SEWER MAY BE VITRIFIED CLAY SEWER PIPE WITH AMTIT JOINTS OR TRANSITE PIPE. MINIMUM SIZE OF PIPES TO BE 4 IN.
E. VENTS ABOVE GRADE SHALL BE AS SHOWN ON DRAWINGS AND SHALL BE HUBLESS CAST IRON PIPE FITTINGS AND CONNECTORS. IF PERMITTED BY LOCAL CODES, TYPE DWV COPPER MAY BE USED WITH DWV FITTINGS.
F. ADJUST, IF NECESSARY, SIZES OF GAS PIPING WITH LOCAL GAS COMPANY CHARACTERISTICS TO DELIVER THE SPECIFIED BTUS AT THE FIXTURE. PIPING SHALL BE BLACK STEEL, SCHEDULE 40, WITH SCREWED MALLEABLE IRON FITTINGS.
G. FURNISH AND INSTALL A MECHANICAL GAS VALVE (SIZED TO PIPE) FOR INSTALLATION IN THE GAS LINE TO THE FRYER(S) AND OVENS) AS PER SECTION 3.04 GAS PIPING, PARAGRAPH 1.
H. CONDENSATE LI.V. DRIP DRAINS SHALL BE HUB DRAINS, FLOOR DRAIN WITH OPEN FENEL TYPE, OR FLOOR SINK WITH INTEGRAL TRAP. AS SHOWN ON DRAWINGS OR AS REQUIRED BY CODE, AS MANUFACTURED BY THE JOSAM COMPANY OR JAY R. SMITH, INC. ALL CONDENSATE DRAIN LINES FROM EQUIPMENT TO DRAIN SHALL BE PVC.
I. KITCHEN FLOOR SINKS "FS" AS REQUIRED SHALL BE JOSAM MANUFACTURING COMPANY, SERIES NO. 49000 WITH HALF-GRATE, NICKALLOY TOP AND SEDIMENT BUCKET. ALL OTHER FLOOR DRAINS "FD" TO BE JOSAM NO. 30000-A. ALL EXPOSED PARTS TO BE OF NICKEL BRONZE FINISH.

2.2 FIXTURES
A. WATER CLOSET
REFER TO RESTROOM EQUIPMENT SCHEDULE.
B. LAVATORY
REFER TO RESTROOM EQUIPMENT SCHEDULE.
C. MOP SINK
1. FURNISH ONE MOLDED CONSTRUCTION ONE PIECE MOP SERVICE BASIN AS MANUFACTURED BY E.L. MUSTEE & SONS, MODEL NO. 63M. COMPLETE WITH DRAIN BODY, STRAINER AND UNIT BASKET. FINISH SHALL BE MOEN COMMERCIAL NO. 8200 (CHROME). PROVIDE CLICK AND CLEAN DISPENSING SYSTEM BY KAY CHEMICAL COMPANY AT MOP SINK. REFER TO NATIONAL ACCOUNT SOURCE INFORMATION FOR COMPLETE DETAILS.
D. DISHWASHER
REFER TO KITCHEN EQUIPMENT SCHEDULE.
E. OPTIONAL URINAL TO BE AMERICAN STANDARD TRIMBROOK NO. 6561 017 COMPLETE WITH WALL SUPPORTS AND SLOAN ROYAL FLUSH VALVE.
F. BACK BAR FITTINGS AND EXPOSED PIPE TO BE CHROME PLATED. STOP VALVES BY AMERICAN STANDARD.
G. IN KITCHEN, FURNISH AND INSTALL THREE COMPARTMENT POT SINK UNIT AND DRAIN BOARDS AS REQUIRED BY LOCAL CODES, NSF STANDARDS AND AS SPECIFIED.
1. COMPARTMENT SIZE, DRAIN BOARD SIZE AND TOTAL DIMENSIONS AS SHOWN ON DRAWINGS. REFER TO EQUIPMENT SPECIFICATIONS FOR SINK FABRICATION. EACH COMPARTMENT TO HAVE KOHLER #8601 BRASS WASTE OUTLET, CHROME PLATED, SATIN FINISH, WITH A 3-1/2 IN. DIAMETER STAINLESS STEEL, PERFORATED, FLUSH STRAINER PLATE, THREADED FOR CONNECTION TO A 2 IN. DRAIN LINE.
2. FITTINGS SHALL BE T & S B-133 PRE-RINSE SPRAY WITH B-107C SPRAY HEAD, B-109 WALL BRACKET, B-156 ADF ADD-A-FAUCET WITH 1/2 IN. NOZZLE AND SPECIAL 4 IN. CHROME NIPPLE B-231.
3. DRAIN SHALL INCLUDE ROTARY WASTE VALVE SIMILAR TO T & S MODEL B3901 WITH EXTENDED HANDLE AND SNAP-IN STAINLESS STEEL STRAINERS. FITS DRAIN OPENING OF 3 1/2 INCHES TO 4 1/2 INCHES.
4. NOTE: SMALLER THREE COMPARTMENT SINKS MAY BE ALLOWED PROVIDED THE SINK COMPARTMENT CAN BE RECONFIGURED TO THE LARGEST EQUIPMENT ITEM THAT WILL REQUIRE WASHING, RINSING, AND SANITIZING. SINK SPECIFICATION FOR GALVE, TYPE OF STAINLESS STEEL AND FINISH SHALL BE THE SAME AS LARGER THREE-COMPARTMENT SINK LISTED BELOW.
5. PROVIDE CLICK AND CLEAN DISPENSING SYSTEM BY KAY CHEMICAL COMPANY AT THREE-COMPARTMENT POT SINK. REFER TO NATIONAL ACCOUNT SOURCE INFORMATION FOR COMPLETE DETAILS.
G. ON 1/2 IN. DOMESTIC COLD WATER CONNECTION TO PROOFERS), PROVIDE AN WATER FILTRATION SYSTEM. SEE PLAN FOR SPECIFIC REQUIREMENTS.
H. FURNISH AND INSTALL AS REQUIRED BY LOCAL OR STATE HEALTH AND PLUMBING CODES, THE FOLLOWING ITEMS OR EQUIPMENT:
1. INSTALL IMMERSION HEATER AND DIP BASKET FOR POT SINK.
2. GREASE TRAPS "GT" SHALL BE JOSAM 60100 ON-FLOOR MODEL OR 60130 RECESSED TYPE GREASE INTERCEPTOR WITH FLOW CONTROL VALVE 25 GPM (WITH FLUSH FLOOR COVER, REMOVABLE BUCKET AND TWIST LOCK HANDLE). WASTE FROM FOOD DISPOSAL SHALL NOT RUN THROUGH GREASE TRAP. TOP COVER TO BE FLUSH WITH QUARRY TILE FLOOR. IN ADDITION TO "JOSAM SERIES 60100" GREASE TRAP THAT IS USED WHEN ROUGH-IN CENTER IS MORE THAN 6" BELOW SLAB "JOSAM SERIES 60120" EXTENDED TOP IS APPROVED. THIS ALSO APPLIES TO ROUGH-IN CENTER BELOW HEADLINE. REFER TO THE MANUFACTURER'S PLUMBING CODES FOR GREASE TRAP SIZE RESTRICTIONS. NOTE: PROVIDE EXTERIOR GREASE TRAP OUTSIDE OF BUILDING WHERE POSSIBLE.
3. PRODUCT: ENDURA GREASE INTERCEPTOR 25-35 GPM BY IPEX. THE UNIT SHALL BE COMPRISED OF ENGINEERED THERMOPLASTICS TO WITHSTAND OPERATIONAL TEMPERATURES UP TO 220 DEGREE F (104 DEGREE C) COMPRISING A PEDESTAL RATED COVER CAPABLE OF SUPPORTING 440 LB (200 KG)AND INCORPORATING AN OPERATIONALLY AIR TIGHT SEAL. THE COVER SHALL ALSO UTILIZE A QUICK ACCESS LATCHING SYSTEM TO FUNCTIONALLY SECURE AND RETAIN THE COVER TO THE TANK, BUT ALLOW CONSISTENT REMOVAL AND REPLACEMENT OF THE COVER WITHOUT OPERATIONAL COMPROMISE. FUNCTIONAL ELEMENTS SUCH AS BAFFLES WILL BE MADE OF MATERIAL THAT PREVENTS CORROSION OR DETERIORATION AND SHALL BE EASILY REMOVABLE FOR THE PURPOSES OF MAINTENANCE. PROVIDING UNRESTRICTED UPSTREAM AND DOWNSTREAM DRAIN ACCESS. THE GREASE INTERCEPTOR SHALL BE CERTIFIED TO THE CURRENT VERSION OF THE PDJ-6101, ASME 112.14.3 OR CSA B481.1 AND WHERE LOCALLY APPLICABLE HAVE UPC LISTING.
4. MODEL 3925AL702 - ENDURA 25GPM/50LB
A. FLOW RATE: 25 US GALLONS PER MINUTE (1.6 L PER SECOND).
B. MINIMUM GREASE CAPACITY: 50 LB (22.68 KG).
C. GREASE CAPACITY ACTUAL: 56.25 LB (25.51 KG).
D. AVERAGE EFFICIENCY % (ASME 112.14.3): 98%.
E. UNIT WEIGHT (EMPTY): 45 LB (10.85 KG).
F. LIQUID CAPACITY: 39.4 GAL (149.1 L).

G. CONNECTION SIZE (MECHANICAL): 2 INCHES (51 MM)
H. BASKET: SOLIDS BASKET ACCESSORY MODEL 3911A-1.
I. MODULAR RISER EXTENSIONS: MODEL 3920AX6 (RISER EXTENSION), FOR USE WITH ON-FLOOR INSTALLATIONS; SIZED DURING INSTALLATION TO PROJECT REQUIREMENTS, 18 INCHES (457 MM) MAXIMUM HEIGHT ADJUSTMENT. ALL INSTALLATION COMPONENTS TO BE SUPPLIED BY THE MANUFACTURER.
1. RISER EXTENSIONS REQUIRED: ONE.
2. RISER EXTENSIONS REQUIRED: TWO.
3. RISER EXTENSIONS REQUIRED: THREE.
5. MODEL 3925AL703 - ENDURA 25GPM/50LB
a. FLOW RATE: 25 US GALLONS PER MINUTE (1.6 L PER SECOND).
b. MINIMUM GREASE CAPACITY: 50 LB (22.68 KG).
c. GREASE CAPACITY ACTUAL: 56.25 LB (25.51 KG).
d. AVERAGE EFFICIENCY % (ASME 112.14.3): 98%.
e. UNIT WEIGHT (EMPTY): 45 LB (10.85 KG).
f. LIQUID CAPACITY: 39.4 GAL (149.1 L).
g. CONNECTION SIZE (MECHANICAL): 3 INCHES (76 MM)
h. BASKET: SOLIDS BASKET ACCESSORY MODEL 3911A-1.
I. MODULAR RISER EXTENSIONS: MODEL 3920AX6 (RISER EXTENSION), FOR USE WITH ON-FLOOR INSTALLATIONS; SIZED DURING INSTALLATION TO PROJECT REQUIREMENTS, 18 INCHES (457 MM) MAXIMUM HEIGHT ADJUSTMENT. ALL INSTALLATION COMPONENTS TO BE SUPPLIED BY THE MANUFACTURER.
i.a. RISER EXTENSIONS REQUIRED: ONE.
i.b. RISER EXTENSIONS REQUIRED: TWO.
i.c. RISER EXTENSIONS REQUIRED: THREE.
2.3 ROOF FLASHING
J. CAP FLASHING FOR ROOF VENTS SHALL BE GALVANIZED METAL SLEEVE, OVERLAPPING 4 IN ON EXTERIOR AND TURNED 2" INTO STACK AND CLOSELY FITTED INTO INTERIOR SURFACE OF STACK TO AVOID REDUCING OPENING SIZE UNNECESSARILY. A 16 OZ. COPPER FLASHING SHALL BE PROVIDED AROUND THE PIPE AND FLASHED INTO THE SINGLE PLY ROOFING. COORDINATE CAP FLASHING WITH SECTION 07531 EPDM ELASTOMERIC MEMBRANE ROOFING.
2.4 HOT WATER HEATER
NOTE: SPECIFICATIONS PROVIDE GENERAL GUIDANCE FOR HOT WATER HEATERS. THE CONTRACTOR SHALL CONSULT DRAWINGS, LOCAL HEALTH DEPARTMENT REVIEW OF DRAWINGS BEFORE ORDERING WATER HEATER. IF A VARIATION EXISTS BETWEEN THE SPECIFICATIONS AND ANY OF THE OTHER REFERENCES MENTIONED, CONTACT THE ARCHITECT BEFORE PLACING ORDERS FOR EQUIPMENT.
A. TANKLESS HOT WATER HEATER SYSTEM TO BE MANUFACTURED BY RINNAI - MODELS TO BE USED AS APPLICABLE: RUK189 and RUK196 (BOTH UNITS CONTAIN BUILT IN RECIRCULATING FUNCTION). INPUT: 15,200 TO 199,000 BTUH CAPACITY; DIRECT ELECTRONIC IGNITION; FLOW RATE: 0.4 - 9.8 GPM (DEPENDENT ON TEMPERATURE RISE); THERMAL EFFICIENCY: 97%; CONDENSING TECHNOLOGY; CABINET DIMENSIONS: 18.3"W X 31.2"H X 10.1"D; GAS TYPE: NATURAL GAS OR PROPANE GAS APPLICABLE; RINNAI VENTING: CONDENSING CONCENTRIC VENT COMPONENTS, 3" OR 4" SCHEDULE 40 PVC DWV SOLID CORE PIPE (OR APPROVED EQUIV); PROVIDE DIRECT VENT FOR INTERIOR MOUNTING - NO VENT REQUIRED FOR EXTERIOR MOUNT. PROVIDE RINNAI CONDENSATE NEUTRALIZER AS NEEDED. CONDENSATE TO BE NEUTRALIZED AND DRAINED ACCORDING TO THE PIPE AND FLASHED INTO THE SINGLE PLY ROOFING. # OF REQUIRED UNITS W/ MANUFACTURER BASED ON STORE TYPE, STORE SIZE, STORE LOCATION AND ALL LOCAL CODE REQUIREMENTS FOR HOT WATER SYSTEMS. RINNAI MANUFACTURER CUSTOMER SUPPORT: 866-383-0707. RINNAI TECHNICAL SUPPORT: 888-RINNAIS (1-888-746-6247)

2.5 FLUE
A. FURNISH AND INSTALL UNDERWRITERS' LABORATORIES APPROVED, 5 IN. DIAMETER, METALBESTOS TYPE B, FLUE FOR WATER HEATER. EXTEND FLUE TO 6 FT. ABOVE ROOF / AS PER LOCAL CODE REQUIREMENTS. PROVIDE TALL CONE ROOF FLASHING, STORM COLLAR AND METALBESTOS TOP. THE DOUBLE WALL METAL VENT FLUE SHALL HAVE AN OUTER CASING OF GALVANIZED STEEL WITH A MINIMUM OF 0.028 GAUGE OR 0.018 IN. THICKNESS, AND AN INNER CASING OF ALUMINUM. THE VENT SHALL BE LABORATORY-TESTED AND LISTED BY THE UNDERWRITERS' LABORATORIES.
B. AUTOMATIC FIRE EXTINGUISHING SYSTEM
A. THE INSTALLER WILL HOOK-UP THE MECHANICAL GAS SHUT-OFF VALVE, FURNISHED AND INSTALLED BY THE PLUMBER BEFORE THE FRYER(S) AND/OR OVEN(S), TO THE AUTOMATIC FIRE EXTINGUISHING SYSTEM. SEE SECTION 15500 AUTOMATIC FIRE EXTINGUISHING SYSTEM.



RECOMMEND BI-ANNUAL FLUSHING OF TANKLESS HEAT EXCHANGER IN AREAS WHERE THE HARD WATER CAUSES FRICTION. REFER TO RINNAI WATER HEATER INSTALLATION AND OPERATION MANUAL FOR INSTRUCTIONS.
C. AS AN ALTERNATE, FURNISH AND INSTALL A HOT WATER HEATER AS NOTED ON THE PLUMBING DRAWINGS TO BE EQUAL TO OR EXCEED THE FOLLOWING REQUIREMENTS:
1. FOR FULL PRODUCTION SHOPS, PROVIDE A HOT WATER HEATER UNIT THAT WILL PROVIDE 75-GAL. ON STORAGE WITH AN INPUT RATING OF 75,000 BTU/H WITH A 98-GPM RECOVERY AT 70-DEGREE TEMPERATURE RISE. RECOMMENDED MANUFACTURER FOR GAS FUELED:
- STATE: SBN81 154NE
- A.O. SMITH: BT-80
- RHEEM: G75-75.
ELECTRIC:
- STATE: CSB-82-18-IE
- A.O. SMITH: DVE-52
- RHEEM: ELD-80.
2. IN AREAS WHERE WATER HAS A HIGH LIMB CONCENTRATION, BE SURE TO USE A UNIT THAT IS SPECIALLY DESIGNED TO REDUCE LIMB DEPOSITS.
3. FOR SATELLITE SHOPS OR SHOPS WITH NO PRODUCTION FACILITIES USE A UNIT THAT WILL PROVIDE A MINIMUM 50-GAL. ON STORAGE WITH AN INPUT RATINGS OF 60,000 B.T.U./HOUR WITH AN 80 G.P.M. AT 70 DEGREE TEMPERATURE RISE.
GAS FUELED:
- A.O. SMITH: BT 65
ELECTRIC:
- STATE: CSB-52-12-IE
- A.O. SMITH: DVE-52
- RHEEM: ELD-52

D. FURNISH AND INSTALL A SEPARATE 6 GALLON ELECTRIC HOT WATER HEATER FOR THE RESTROOMS IF NOTED ON THE PLUMBING DRAWINGS TO BE EQUAL TO OR EXCEED THE FOLLOWING PRODUCTS:
A. WATER SUPPLY LINES
1. INSTALL IMMERSION HEATER AND DIP BASKET FOR POT SINK.
2. GREASE TRAPS "GT" SHALL BE JOSAM 60100 ON-FLOOR MODEL OR 60130 RECESSED TYPE GREASE INTERCEPTOR WITH FLOW CONTROL VALVE 25 GPM (WITH FLUSH FLOOR COVER, REMOVABLE BUCKET AND TWIST LOCK HANDLE). WASTE FROM FOOD DISPOSAL SHALL NOT RUN THROUGH GREASE TRAP. TOP COVER TO BE FLUSH WITH QUARRY TILE FLOOR. IN ADDITION TO "JOSAM SERIES 60100" GREASE TRAP THAT IS USED WHEN ROUGH-IN CENTER IS MORE THAN 6" BELOW SLAB "JOSAM SERIES 60120" EXTENDED TOP IS APPROVED. THIS ALSO APPLIES TO ROUGH-IN CENTER BELOW HEADLINE. REFER TO THE MANUFACTURER'S PLUMBING CODES FOR GREASE TRAP SIZE RESTRICTIONS. NOTE: PROVIDE EXTERIOR GREASE TRAP OUTSIDE OF BUILDING WHERE POSSIBLE.
3. PRODUCT: ENDURA GREASE INTERCEPTOR 25-35 GPM BY IPEX. THE UNIT SHALL BE COMPRISED OF ENGINEERED THERMOPLASTICS TO WITHSTAND OPERATIONAL TEMPERATURES UP TO 220 DEGREE F (104 DEGREE C) COMPRISING A PEDESTAL RATED COVER CAPABLE OF SUPPORTING 440 LB (200 KG)AND INCORPORATING AN OPERATIONALLY AIR TIGHT SEAL. THE COVER SHALL ALSO UTILIZE A QUICK ACCESS LATCHING SYSTEM TO FUNCTIONALLY SECURE AND RETAIN THE COVER TO THE TANK, BUT ALLOW CONSISTENT REMOVAL AND REPLACEMENT OF THE COVER WITHOUT OPERATIONAL COMPROMISE. FUNCTIONAL ELEMENTS SUCH AS BAFFLES WILL BE MADE OF MATERIAL THAT PREVENTS CORROSION OR DETERIORATION AND SHALL BE EASILY REMOVABLE FOR THE PURPOSES OF MAINTENANCE. PROVIDING UNRESTRICTED UPSTREAM AND DOWNSTREAM DRAIN ACCESS. THE GREASE INTERCEPTOR SHALL BE CERTIFIED TO THE CURRENT VERSION OF THE PDJ-6101, ASME 112.14.3 OR CSA B481.1 AND WHERE LOCALLY APPLICABLE HAVE UPC LISTING.
4. MODEL 3925AL702 - ENDURA 25GPM/50LB
A. FLOW RATE: 25 US GALLONS PER MINUTE (1.6 L PER SECOND).
B. MINIMUM GREASE CAPACITY: 50 LB (22.68 KG).
C. GREASE CAPACITY ACTUAL: 56.25 LB (25.51 KG).
D. AVERAGE EFFICIENCY % (ASME 112.14.3): 98%.
E. UNIT WEIGHT (EMPTY): 45 LB (10.85 KG).
F. LIQUID CAPACITY: 39.4 GAL (149.1 L).

3.1 INSTALLATION
A. ALL PIPING AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE DRAWINGS AND SHALL COMPLY WITH ALL APPLICABLE CODES, PARTICULARLY HEALTH AND PLUMBING, AND STANDARDS OF GOOD PRACTICE.
B. VERIFY INVERTS OF SEWER AND DRAINAGE CONNECTIONS BEFORE INSTALLING SEWER LINES.
3.2 WATER SUPPLY LINES
A. WATER SERVICE, LOCATED AS SHOWN ON SITE DRAWING, SHALL BE INSTALLED AND TESTED AS REQUIRED BY THE LOCAL UTILITY COMPANY. SERVICE TO BE 1/2" IN. MINIMUM, TYPE "K" COPPER, OR AS INDICATED ON DRAWINGS.
B. PIPING SHALL BE OF MINIMUM SIZES SHOWN ON DRAWINGS.
C. PROVIDE VALVES ON ALL LINES AS SHOWN ON DRAWINGS AND ON UP-STREAM AND DOWN-STREAM SIDE OF WATER METER. EACH FIXTURE SHALL HAVE SEPARATE STOP AND WASTE VALVES AND ALL PIPING SHALL BE CONCEALED EXCEPT AS OTHERWISE INDICATED ON DRAWINGS, WHERE WATER PIPES AND VALVES ARE EXPOSED IN FINISHED SALES AND TOILET AREAS. PIPING SHALL BE THREADED CHROME AND SHALL HAVE CHROME PLATED ESCUTCHEONS AND VALVE AS REQUIRED. KITCHEN AND WORK AREAS MAY BE COPPER.

D. HOSE BIBBS SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS AND SHALL HAVE SEPARATE 3/4 IN. MAIN FEED. WHEN SERVING EXTERIOR AREAS, HOSE BIBBS SHALL BE FROST-PROOF TYPE WITH REMOVABLE KEY HANDLE. FASTEN SECURELY TO WALL. INSTALL 18 IN. ABOVE FINISH SLAB.
E. STANDARD AIR CHAMBERS, 20 DIAMETERS OF PIPE HIGH, AND ONE SIZE LARGER SHALL BE PROVIDED ABOVE EACH FIXTURE OR EQUIPMENT. IF LINE PRESSURE IS GREATER THAN 60 POUNDS AT WATER METER OUTLET, A PRESSURE REDUCING VALVE SHALL BE PROVIDED AND INSTALLED. SET AT 60 POUNDS PRESSURE FOR THE COMPLETE SYSTEM. ON THE COLD WATER SUPPLY LINE TO THE ICE MACHINE, INSTALL PRV AND SET AT 20 POUNDS PRESSURE. PRESSURE GAUGE TABS SHALL BE PROVIDED. COMPLETE SYSTEM SHALL BE TESTED AS REQUIRED BY APPLICABLE CODES.
F. MINIMUM TESTING OF WATER PIPING - MAINTAINS 75 PSI OF AIR PRESSURE WITHIN THE ENTIRE SYSTEM FOR A PERIOD OF NOT LESS THAN 15 MINUTES. PROVIDE A THERMOSTATIC MIXING VALVE AND SERVICE AREA EQUIPMENT PROVIDED BY LESSEE OR FRANCHISE OWNER.
G. INSULATE ALL PIPING IN SPACES SUBJECT TO FREEZING WITH 1-1/2 IN. PIPE INSULATION AS SPECIFIED ABOVE. ALL PIPING SHALL BE PROPERLY SUPPORTED WITH HANGERS OF COMPATIBLE MATERIAL AND ALL WATER PIPES PASSING THROUGH CONCRETE SHALL BE WRAPPED WITH AN APPROVED PLASTIC TAPE TO PREVENT CHEMICAL ACTIONS.
H. FINAL WATER CONNECTIONS TO PROOFERS SHALL BE AS SHOWN ON EQUIPMENT SPECIFICATIONS.
3.3 SANITARY SEWER SYSTEM
A. SEWER SYSTEM SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH ALL APPLICABLE CODES AND AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS.
B. WHEN HOUSE TRAP AND FRESH AIR INLET IS REQUIRED BY CODE, TRAP SHALL HAVE BRASS CLEANOUT PLUGS FLUSH WITH FLOOR.
C. VENTS SHALL BE SIZED AS SHOWN, OR AS REQUIRED OR PERMITTED BY LOCAL CODES, AND SHALL PROJECT ABOVE ROOF A MINIMUM OF 1 FOOT. ALL VENTS SHALL BE 3 IN. MINIMUM DIAMETER THROUGH ROOF. (USE INCREASER IF NECESSARY) UNLESS CODES REQUIRE GREATER DIMENSION.
D. SEWER PIPING SHALL BE PROPERLY SLOPED AND ALL REQUIRED FITTINGS, VENTS, TRAPS AND CLEANOUTS SHALL BE PROVIDED.
E. VERIFY INVERTS AT SEWER TAP AND BUILDING BEFORE STARTING INSTALLATION.
F. MINIMUM TESTING OF WASTE PIPING - PLOG OPENINGS AND FILL THE ENTIRE SYSTEM TO THE TOP OF THE VENTS WITH WATER AND ALLOW TO REMAIN AT LEAST 30 MINUTES.
3.4 GAS PIPING
A. CONNECT TO ALL EQUIPMENT REQUIRING GAS SERVICE WITH A SHUT-OFF COCK AND DRIP AT EACH FIXTURE LOCATION.
B. CONNECTIONS INCLUDE, BUT ARE NOT LIMITED TO, HEATING AND AIR CONDITIONING UNIT, HOT WATER HEATER, FRYERS AND OVENS.
C. PITCH PIPING FOR DRAINAGE AND INSTALL DRIP AND DIRT LEGS AT ALL LOW POINTS.
D. MAKE FINAL CONNECTIONS TO EACH FRYER AND OVEN WITH HEAVY DUTY, COMMERCIAL TYPE, FLEXIBLE METAL CONNECTOR COMPLETE WITH QUICK CONNECT-DISCONNECT GAS MATE COUPLING, CONSISTING OF BRASS SOCKET AND BRASS PLUG. FLEXIBLE CONNECTOR AND VALVE GAS OR PROPANE GAS APPLICABLE. MANUFACTURED BY HANSEN MANUFACTURING COMPANY.
E. CONNECTOR SHALL BE A FACTORY ASSEMBLED INTEGRAL UNIT, CONSISTING OF AN INNER LINER OF CONVULATED 8515 RED BRASS TUBING, WITH AN OUTER FLEXIBLE CASING OF INTERLOCKED STRIP WOUND GALVANIZED STEEL.
F. MINIMUM LENGTH OF CONNECTOR SHALL BE 24 IN.
G. UNCOUPLING SHALL CAUSE INSTANT AUTOMATIC SHUT-OFF OF GAS SUPPLY.
H. CONNECTOR AND COUPLING SHALL BE SIZED, TO DELIVER THE REQUIRED BTU RATING TO THE RESPECTIVE EQUIPMENT.
I. FURNISH AND INSTALL A MECHANICAL GAS SHUT-OFF VALVE (SIZED TO PIPE). THE VALVE WILL BE INSTALLED IN THE GAS LINE BEFORE THE FRYER(S) AND/OR OVENS) AS INDICATED ON THE DRAWINGS. THE OPERATING HOOK-UP OF THE VALVE WILL BE DONE BY THE INSTALLER OF THE AUTOMATIC FIRE EXTINGUISHING SYSTEM.
3.5 FINAL CONNECTIONS
A. COMPLETE THE FINAL CONNECTIONS OF EQUIPMENT SUPPLIED BY THE LESSEE OR FRANCHISE OWNER IMMEDIATELY UPON ITS DELIVERY IN PLACE.
B. FROM CHROME SHUT-OFF VALVES ON BACK BAR WALL, PROVIDE COPPER PIPING TO BACK BAR EQUIPMENT. SOME EQUIPMENT REQUIRES FLARE FITTINGS - COORDINATE WITH EQUIPMENT SPECIFICATIONS.

SECTION 22 6000 WATER FILTER SYSTEM

PART 1 GENERAL
1.1 WORK INCLUDED
A. FURNISH ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY FOR THE INSTALLATION OF A STORE-IDE FILTRATION SYSTEM, TO BE INSTALLED AFTER THE METER AND BACKFLOW PREVENTOR. SITE SPECIFIC CONDITIONS MAY REQUIRE THAT A REVERSE OSMOSIS SYSTEM BE INSTALLED. REFER TO THE MANUFACTURER'S DESIGN GUIDANCE DOCUMENTS AVAILABLE ON THE EXTRACT FOR DIAGRAMMATIC DESCRIPTIONS OF BOTH. (REFER TO DRAWINGS FOR TYPE & LOCATION)
PART 2 PRODUCTS
2.1 FILTER INSTALLATION
A. FILTRATION SYSTEM TO BE INSTALLED AS PER MANUFACTURER'S REQUIREMENTS AND SPECIFICATIONS.
B. FILTRATION SYSTEM TO BE AS MANUFACTURED BY 3M OR EVERPURE - REFER TO NATIONAL ACCOUNT SOURCE INFORMATION.
2.2 SERVICE
A. THE RESPONSIBILITY OF THE FRANCHISEE TO PROVIDE A CONTINUOUS SERVICE CONTRACT FOR THE ONGOING MAINTENANCE OF THE WATER CONDITIONING SYSTEM. FILTER TO BE REPLACED AS PER MANUFACTURER'S RECOMMENDATION OR WHEN THE GAUGE INDICATES LOW WATER PERFORMANCE.
PART 3 EXECUTION
3.1 INSTALLATION
A. ALL PIPING AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE DRAWINGS AND SHALL COMPLY WITH ALL APPLICABLE CODES, PARTICULARLY HEALTH AND PLUMBING, AND STANDARDS OF GOOD PRACTICE.
B. VERIFY INVERTS OF SEWER AND DRAINAGE CONNECTIONS BEFORE INSTALLING SEWER LINES.
3.2 WATER SUPPLY LINES
A. WATER SERVICE, LOCATED AS SHOWN ON SITE DRAWING, SHALL BE INSTALLED AND TESTED AS REQUIRED BY THE LOCAL UTILITY COMPANY. SERVICE TO BE 1/2" IN. MINIMUM, TYPE "K" COPPER, OR AS INDICATED ON DRAWINGS.
B. PIPING SHALL BE OF MINIMUM SIZES SHOWN ON DRAWINGS.
C. PROVIDE VALVES ON ALL LINES AS SHOWN ON DRAWINGS AND ON UP-STREAM AND DOWN-STREAM SIDE OF WATER METER. EACH FIXTURE SHALL HAVE SEPARATE STOP AND WASTE VALVES AND ALL PIPING SHALL BE CONCEALED EXCEPT AS OTHERWISE INDICATED ON DRAWINGS, WHERE WATER PIPES AND VALVES ARE EXPOSED IN FINISHED SALES AND TOILET AREAS. PIPING SHALL BE THREADED CHROME AND SHALL HAVE CHROME PLATED ESCUTCHEONS AND VALVE AS REQUIRED. KITCHEN AND WORK AREAS MAY BE COPPER.

DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING

SECTION 23 2000 HEATING, VENTILATING AND AIR CONDITIONING

PART 1 GENERAL
1.1 WORK INCLUDED
A. REQUIREMENTS OF THE GENERAL CONDITIONS, WHERE APPLICABLE, ARE HEREBY MADE PART OF THIS SECTION.
B. FURNISH ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY FOR THE INSTALLATION OF A COMPLETE, AUTOMATIC, GAS FIRED, MECHANICAL WARM AIR HEATING & AIR CONDITIONING SYSTEM, FRYER EXHAUST AND MAKE-UP AIR SYSTEM AS SHOWN ON THE DRAWINGS, AND AS SPECIFIED IN THIS SECTION.
C. CONTRACTOR TO COMPLY WITH STATE AND MUNICIPAL CODES, AND ORDINANCES, INCLUDING HEALTH AND MECHANICAL, AND APPLICABLE CODES OF THE NATIONAL FIRE PROTECTION ASSOCIATION. PAY FOR ALL PERMITS AND FEES AS REQUIRED.
1.2 WARRANTY
A. THIS CONTRACTOR SHALL PROVIDE A WRITTEN GUARANTEE AGAINST DEFECTS IN WORKMANSHIP OR MATERIAL FOR ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION OF BUILDING. ADDITIONAL FOUR (4) YEARS FACTORY WARRANTY ON MOTOR-COMPRESSOR ASSEMBLY SHALL BE PROVIDED IN WRITING.
B. CONTRACTOR SHALL PROPERLY FILL OUT ALL WARRANTY CARDS FOR HEATING-AIR CONDITIONING UNIT AND DELIVER TO THE FRANCHISEE FOR PROCESSING.
C. MATERIAL AND EQUIPMENT PACKAGE PURCHASED FROM CAPTIVE-AIRE SYSTEMS, INC. WILL CONTAIN A ONE (1) YEAR GENERAL EQUIPMENT WARRANTY. MOTOR COMPRESSORS HAVE AN ADDITIONAL FOUR (4) YEAR LIMITED MATERIAL WARRANTY BACKED BY THE MANUFACTURER. GAS HEAT EXCHANGERS HAVE AN ADDITIONAL NINE (9) YEAR LIMITED MATERIAL WARRANTY BACKED BY THE MANUFACTURER.
PART 2 PRODUCTS
2.1 MATERIALS AND EQUIPMENT
DUNKIN' BRANDS HAS NATIONALLY ACCOUNTED TWO HVAC MANUFACTURERS TO SUPPLY ROOFTOP EQUIPMENT FOR THE BRAND. CONTACT INFORMATION IS AS NOTED FOR EACH OF THE MANUFACTURERS BELOW.
CARRIER CORPORATION
ACCOUNT REPRESENTATIVE:
BOB ECKWEILER
P: 315-432-3941
M: 973-222-6742
F: 860-988-2679
BOB.ECKWEILER@CARRIER.UTC.COM
TRANE, INC.
ACCOUNT REPRESENTATIVE:
JONATHAN RALYS
P: 978-737-3814 OR 1-800-392-8956
F: 781-938-9038
E: JONATHAN.RALYS@TRANE.COM
WEB: WWW.TRANE.COM
A. FURNISH AND INSTALL FACTORY ASSEMBLED ROOFTOP HEATING AND AIR CONDITIONING UNITS (IN THE POSITIONS) LOCATED ON THE DRAWINGS AND AS FURTHER SPECIFIED IN THIS SECTION.
B. FURNISH AND INSTALL A KITCHEN EXHAUST SYSTEM CONSISTING OF A HOOD, FILTERS, AND ROOF MOUNTED EXHAUST FAN IN THE POSITION SHOWN ON THE DRAWINGS AND AS FURTHER SPECIFIED IN THIS SECTION.
C. CLEARLY VISIBLE RED SIGNAL LIGHT SHALL BE INSTALLED IN THE FIRE CABINET TO INDICATE WHEN THE KITCHEN EXHAUST FANS ARE OPERATING.
D. FURNISH AND INSTALL A ROOF MOUNTED EXHAUST FANS AND CURBS WITH ASSOCIATED DUCTWORK AND EXHAUST GRILLES FOR TWO (2) TOILET ROOMS AND BAGEL TOASTER AS SHOWN ON DRAWINGS AND AS FURTHER SPECIFIED IN THIS SECTION.

PART 3 EXECUTION
3.1 ROOF OPENING
A. HEATING CONTRACTOR AND GENERAL CONTRACTOR MUST VERIFY ALL ROOF OPENINGS IN RELATION TO SPECIFIC UNITS SELECTED FROM SCHEDULE AS SHOWN ON THE DRAWINGS.
B. COORDINATE THIS WORK WITH OTHER SECTIONS AND MAKE ARRANGEMENTS FOR FRAMING, OPENINGS, SPRING AND DUCT LOCATIONS.
C. GENERAL CONTRACTOR WILL PROVIDE AND PATCH ALL DUCT OPENINGS REQUIRED. INSTALLER WILL INFORM THE GENERAL CONTRACTOR OF ALL REQUIRED DUCT OPENINGS THROUGH THE ROOF. WORK TO BE ACCOMPLISHED UNDER SECTION 07510.
A. PREFABRICATED CURBS ARE TO BE SUPPLIED BY HVAC CONTRACTOR AND INSTALLED UNDER SECTION 0731. FOR CURB DIMENSIONS OF APPLICABLE FANS AND UNITS SEE SUBMITTALS AND/OR DRAWINGS. THIS CURB MUST BE SET LEVEL. GENERAL CONTRACTOR MAY NEED TO PROVIDE WOOD LEVELING CURB.
PART 3 EXECUTION
3.1 ROOF OPENING
A. HEATING CONTRACTOR AND GENERAL CONTRACTOR MUST VERIFY ALL ROOF OPENINGS IN RELATION TO SPECIFIC UNITS SELECTED FROM SCHEDULE AS SHOWN ON THE DRAWINGS.
B. COORDINATE THIS WORK WITH OTHER SECTIONS AND MAKE ARRANGEMENTS FOR FRAMING, OPENINGS, SPRING AND DUCT LOCATIONS.
C. GENERAL CONTRACTOR WILL PROVIDE AND PATCH ALL DUCT OPENINGS REQUIRED. INSTALLER WILL INFORM THE GENERAL CONTRACTOR OF ALL REQUIRED DUCT OPENINGS THROUGH THE ROOF. WORK TO BE ACCOMPLISHED UNDER SECTION 07510.

2.1 DUCTWORK
A. BLACK IRON
1. FURNISH AND INSTALL 16-GAUGE STEEL EXHAUST DUCT FOR HOOD EXHAUST SYSTEM. ALL SEAMS AND JOINTS SHALL HAVE A LIQUID-TIGHT CONTINUOUS EXTERNAL WELD.
2. EXHAUST DUCTWORK SHALL BE WITHIN FIRE ENCLOSURE. FIRE ENCLOSURE FURNISHED AND INSTALLED BY GENERAL CONTRACTOR.
3. EXHAUST DUCTWORK SHALL BE WITHIN FIRE ENCLOSURE. FIRE ENCLOSURE FURNISHED AND INSTALLED BY GENERAL CONTRACTOR.
B. FLEXIBLE ROUND FIBERGLASS DUCT
1. FLEXIBLE DUCTWORK BETWEEN HVAC UNITS OR DIFFUSER DROPS, PLENUMS, MIXING BOXES, ETC. SHALL BE ATCO SERIES 900 FLEXIBLE DUCT OR PERFORMANCE EQUIVALENT.
2. EACH SECTION SHALL BEAR A FACTORY APPLIED UL_181, CLASS 1 LABEL, STATICAL PRESSURE 12 IN. W.G. POSITIVE AND 1 IN. W.G. NEGATIVE AND SHALL HAVE A THERMAL CONDUCTANCE OF C + 0.26.
3. PROVIDE SUPPORT AT OR NEAR EVERY JOINT AND AT THE MIDSECTION WHEN UNDER SAGGING OCCURS.
4. ALL JOINTS MUST BE SEALED FOR CONNECTIONS TO SHEET METAL SUCH AS TEE UNDES, BOOTS BOXES. PULL INSULATION AND INSTALL DRAW BANDS, SCREW TIGHT. SEAL WITH A 2 IN. WIDE APPROVED DUCT TAPE.
C. DIFFUSERS AND REGISTERS
1. FURNISH AND INSTALL ALL SUPPLY REGISTERS, CEILING DIFFUSERS AND RETURN AIR GRILLES SCHEDULED ON DRAWINGS.
D. SHEET METAL
1. FURNISH AND INSTALL ALL GALVANIZED STEEL DUCTWORK AND HOUSINGS AS SHOWN ON DRAWINGS. ALL DUCTS SHALL BE IN CONFORMANCE WITH CURRENT SMACNA STANDARDS RELATIVE TO GAUGE, BRACING, JOINTS, ETC. REINFORCE ALL HOUSINGS AND ALL DUCTS DIAMETER THROUGH ROOF. (USE INCREASER IF NECESSARY) UNLESS CODES REQUIRE GREATER DIMENSION.
2. PROVIDE BALANCING DAMPERS WHERE SHOWN ON DRAWINGS AND WHEREVER NECESSARY FOR COMPLETE CONTROL OF AIR FLOW. SEAL ALL JOINTS IN DUCTWORK AS RECOMMENDED BY SMACNA.
E. INSULATION
1. PROVIDE DUCT LINER ON ALL SUPPLY AND RETURN DUCTWORK. LINER SHALL BE 1/2" THICK, THREE POUND DENSITY FIBERGLASS CERTAINTED CORP. #300 "ULTRALITE", WITH NON-TOXIC, NON-BURNING FIBERGLASS DUCT LINER OR PERFORMANCE EQUIVALENT. INSTALL WITH MASTIC AND MECHANICAL FASTENERS WITH VINYL SURFACE ON AIR STREAM SIDE ACCORDING TO MANUFACTURER'S INSTRUCTIONS. DUCT SIZES SHOWN ON DRAWINGS ARE INSIDE CLEAR AIR SIZE. SHEET METAL MUST BE INCREASED BY LINER THICKNESS IN BOTH DIRECTIONS WHERE LINER IS INSTALLED.
2. ROUND DUCT AND OUTSIDE AIR DUCTS SHALL BE COVERED WITH 1-1/2" THICK DUCT WRAP, CERTAINTED TYPE IV-A, OWENS-CORNING OR PERFORMANCE EQUIVALENT, 3/4 POUND DENSITY, WITH HEAVY-DUTY FOL-SCRIM-KRAFT FACING, AND WITH ALL JOINTS TAPED WITH 3" WIDE FOL TAPE.
3. INSULATING MATERIALS, ADHESIVES, COATINGS, ETC. SHALL HAVE A FLAME SPREAD OF 25 OR LESS AND SMOKE DEVELOPED RATING NOT HIGHER THAN 50. ALL CONTAINERS FOR MASTICS AND ADHESIVES SHALL HAVE U.L. LABEL.
2.2 EXHAUST SYSTEMS
A. HOOD HOOD
1. HOOD SHALL BE CONSTRUCTED OF 18-GAUGE STAINLESS STEEL, LIQUID TIGHT SEAM WELDED THROUGHOUT, GROUND AND POLISHED, N.F.P.A. 96 CONNECTION, N.S.F. (NO. 1362), AND CARRY THE FOLLOWING LABELS: BOCA (REPORT NO. 86-48), SBCCI (REPORT NO. 8469), U.L. CLASSIFIED (REPORT NO. 9166).
2. FILTER HOLDING RACKS SHALL BE OF LOW AIR BYPASS LEAKAGE DESIGN ALLOWING FOR EASY REMOVAL AND REPLACEMENT OF FILTERS.
3. FURNISH AND INSTALL A ONE (1) PINT CAPACITY GREASE COLLECTING CUP AT LOW POINT OF GREASE OUTLET.
4. LOCAL CODES MAY REQUIRE ALTERNATIVE HOOD REQUIREMENTS.
B. KITCHEN EXHAUST FAN
1. AS SPECIFIED ON THE DRAWINGS AND SHALL BE CAPABLE OF MEETING ALL PERFORMANCE REQUIREMENTS AS SO STATED ON THE DRAWINGS.
C. TOILET EXHAUST FAN
1. AS SPECIFIED ON THE DRAWINGS AND SHALL BE CAPABLE OF MEETING ALL PERFORMANCE REQUIREMENTS AS SO STATED ON THE DRAWINGS.
D. FILTERS AND EXTRACTORS
1. GREASE FILTERS SHALL BE 2 IN. THICK PANEL EXTRACTOR TYPE. EXTRACTOR U.L. CLASSIFIED.
E. BLOTTED OVEN VENT
1. FURNISH AND INSTALL UNDERWRITERS' LABORATORIES APPROVED 6 IN. DIAMETER METALBESTOS DOUBLE WALL TYPE B GAS VENT FOR BLOTTED OVEN FROM FINISHED CEILING TO FINISHED ROOF. FURNISH AND INSTALL 6 IN. DIAMETER STAINLESS STEEL GAS VENT FROM FINISHED CEILING TO DRAFT HOOD OF OVEN. EXHAUST FAN FOR OVEN TO BE PENN FUMEX MODEL NO. FX08B.
F. BAGEL TOASTER VENT
1. EXHAUST FAN OVER BAGEL TOASTER SHALL BE AS SPECIFIED ON THE DRAWINGS AND SHALL BE CAPABLE OF MEETING ALL PERFORMANCE REQUIREMENTS AS SO STATED ON THE DRAWINGS.
G. CONTROLS
1. SYSTEM CONCEPT:
PROVIDE AN HVAC SYSTEM CONTROL PANEL TO INTERLOCK HEATING AND COOLING ROOF TOP UNITS TO EXHAUST SYSTEM. THIS PANEL SHALL MAINTAIN PROPER BUILDING PRESSURIZATION BY BRINGING OUTSIDE AIR INTO THE BUILDING TO REPLACE THE AIR EXHAUSTED FROM THE KITCHEN AND TOILET EXHAUST.
2. FIRE CABINET CONTROL PANEL:
INTERLOCKS KITCHEN EXHAUST FAN TO MAKE UP AIR OF HVAC ROOF TOP UNITS. INDICATOR LIGHT ON SURFACE OF PANEL TO INDICATE WHEN EXHAUST FAN IS ON.
3. ALL POWER WIRING, CONTROL WIRING, AND INTERLOCK WIRING SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
4. FIRE CABINET CONTROL PANEL SHALL BE FURNISHED BY KITCHEN HOOD MANUFACTURER.
H. THE OPTIONAL CEILING HEATER UNIT OVER THE REAR DOOR SHALL BE AS SPECIFIED ON THE DRAWINGS.
I. AN OPTIONAL AIR CURTAIN IS AVAILABLE WITH THE DRIVE-THRU WINDOW. COORDINATE THIS ITEM WITH THE NATIONAL ACCOUNT SOURCE INFORMATION AND SECTION 08411.
2.3 ROOF TOP UNIT
A. CONTRACTOR SHALL FURNISH AND INSTALL SELF-CONTAINED ROOF TOP COOLING AND NATURAL GAS HEATING UNIT, AS MANUFACTURED BY TRANE OR CARRIER OR EQUAL AS INDICATED ON THE DRAWINGS.
B. ROOF TOP UNIT SHALL BE DESIGNED AND BUILT FOR OUTDOOR SERVICE AND BE FACTORY ASSEMBLED AND INCLUDE COMPRESSOR, AIR COOLED CONDENSER COIL WITH FANS AND INTERCONNECTING REFRIGERANT PIPING, NATURAL GAS HEATING SECTION PRE-WIRED CONTROLS MOUNTED IN A CORROSION RESISTANT ALL WEATHER CABINET.
C. UNIT SHALL BE SHIPPED FULLY CHARGED WITH REFRIGERANT AND OIL, REQUIRING ONLY ELECTRICAL, NATURAL GAS, AND DUCT CONNECTIONS FOR OPERATIONS.
D. THE CABINET IS TO BE HOT DIPPED GALVANIZED STEEL FINISHED WITH BAKED ENAMEL OVER PRIMER MOUNTED ON A CHANNEL BASE WITH RIGGING BRACKETS ON THE BASE RAIL.
E. COMPRESSOR IS TO BE EQUIPPED WITH EXTENDED AND INTERNAL OVERLOAD AND OVERHEAT PROTECTION, CRANKCASE HEATER AND HIGH AND LOW REFRIGERANT PRESSURE CUT-OUTS.
F. LOW AMBIENT LOCKOUT CONTROL PREVENTS COMPRESSOR FROM OPERATING BELOW 55 DEGREES F (DURING ECONOMIZER CYCLE). THE CONTROL SECTION IS TO INCLUDE COMPRESSOR CONTACTORS, CONDENSER AND EVAPORATOR FAN MOTOR RELAYS, 24-VOLT CONTROL CIRCUIT TRANSFORMER WITH CIRCUIT BREAKER.
G. NATURAL GAS HEATING SECTION IS TO HAVE WELDED TUBULAR ALUMINIZED STEEL HEAT EXCHANGER, COMBUSTION AIR BLOWER ELECTRICAL RE-IGNITION, LIMIT SWITCH AND VENT BLOWER PROVING SWITCH.
H. UNIT IS TO INCLUDE FILTER RACK, PERMANENT METAL FILTER FRAMES, MODULATING INFINITE POSITION AIR CONTROL VALVE, ALL FACTORY FABRICATED.
I. ROOF CURB TO BE FURNISHED AS SPECIFIED ON DRAWINGS AND IN THIS SECTION OF THE SPECIFICATIONS.
J. PLASTIC LOCKING COVER, HEATING/COOLING THERMOSTAT FURNISHED WITH UNIT. 2 STAGE HEATING AND 2 STAGE COOLING.
K. ROOF TOP UNIT TO COME COMPLETE WITH DISCONNECT SWITCH FOR FIELD MOUNTING BY ELECTRICIAN.
L. SPECIFY AND VERIFY VOLTAGE AVAILABLE AT JOB SITE WHEN ORDERING EQUIPMENT.
M. SEE HVAC DRAWINGS FOR ROOFTOP UNIT SCHEDULE.
2.4 CURBS
A. PREFABRICATED CURBS ARE TO BE SUPPLIED BY HVAC CONTRACTOR AND INSTALLED UNDER SECTION 0731. FOR CURB DIMENSIONS OF APPLICABLE FANS AND UNITS SEE SUBMITTALS AND/OR DRAWINGS. THIS CURB MUST BE SET LEVEL. GENERAL CONTRACTOR MAY NEED TO PROVIDE WOOD LEVELING CURB.

2.5 LIGHTING AND ELECTRICAL
A. HEATING CONTRACTOR AND GENERAL CONTRACTOR MUST VERIFY ALL ROOF OPENINGS IN RELATION TO SPECIFIC UNITS SELECTED FROM SCHEDULE AS SHOWN ON THE DRAWINGS.
B. COORDINATE THIS WORK WITH OTHER SECTIONS AND MAKE ARRANGEMENTS FOR FRAMING, OPENINGS, SPRING AND DUCT LOCATIONS.
C. GENERAL CONTRACTOR WILL PROVIDE AND PATCH ALL DUCT OPENINGS REQUIRED. INSTALLER WILL INFORM THE GENERAL CONTRACTOR OF ALL REQUIRED DUCT OPENINGS THROUGH THE ROOF. WORK TO BE ACCOMPLISHED UNDER SECTION 07510.

DIVISION 26 - ELECTRICAL

SECTION 26 1000 ELECTRICAL

PART 1 GENERAL
1.1 WORK INCLUDED
A. FURNISH ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY FOR THE COMPLETE INSTALLATION OF THE ELECTRICAL SYSTEM AS SHOWN ON THE DRAWINGS, INCLUDING FINAL CONNECTIONS TO LESSEE'S OR FRANCHISE OWNER'S EQUIPMENT AND SIGNS, AS SPECIFIED HEREIN, IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, STATE ELECTRICAL CODE, THE REQUIREMENTS OF THE LOCAL UTILITY COMPANY, AND ALL APPLICABLE CODES AND LAWS.
B. IT IS THE INTENT OF THIS SECTION OF THE SPECIFICATIONS AND ACCOMPANYING ELECTRICAL DRAWINGS TO REQUIRE THESE SYSTEMS TO BE FURNISHED COMPLETE IN EVERY RESPECT. FURNISH ALL WIRING AND EQUIPMENT NEEDED AND USUALLY FURNISHED IN CONNECTION WITH SUCH WORK, WHERE SPECIFICALLY MENTIONED OR NOT.
1.2 PERMITS
A. PROCURE ALL NECESSARY PERMITS FOR WORK INSTALLED, PAY ALL FEES AND CHARGES CONNECTED HEREIN, DELIVER CERTIFICATES OF APPROVAL BY AUTHORITIES HAVING JURISDICTION OVER WORK, TO THE OWNER, BEFORE THE WORK WILL BE FINALLY ACCEPTED.
1.3 FRANCHISE OWNER'S EQUIPMENT AND SIGNS
A. MAKE FINAL CONNECTIONS TO ALL LESSEE'S OR FRANCHISE OWNER'S EQUIPMENT AND EQUIPMENT AND FURNISH AND INSTALL ANY FITTINGS OR INCIDENTAL ACCESSORIES THAT MAY BE NECESSARY OR THAT MAY BE REQUIRED BY LOCAL CODES FOR COMPLETING FINAL CONNECTIONS AND MAKING EQUIPMENT READY FOR OPERATION.
B. COORDINATE WITH THE APPROVED SIGN INSTALLATION COMPANY AND, IN CONJUNCTION WITH THE SIGN COMPANY, MAKE FINAL CONNECTIONS TO SIGNS AT THE TIME OF INSTALLATION.
1.4 UNDER-SLAB UTILITIES
A. DIMENSIONS FOR ALL UNDER-SLAB UTILITIES ARE CRITICAL FOR LATER EQUIPMENT INSTALLATION. CROSS REFERENCE ALL DRAWINGS AND EQUIPMENT SPECIFICATIONS WITH THIS WORK INCLUDING THE ELEVATIONS SHOWING DIMENSIONAL LOCATION OF ALL STUBS FOR UNDER-SLAB UTILITIES.
1.5 ALL-ELECTRICAL BUILDING
A. IN AREAS WHERE NO GAS SERVICE IS AVAILABLE AND

DAL TILE PALETTE					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
G-01 (C)	GROUT	MAPEI	ULTRSCOLOR PLUS FA # 107 - IRON	CUSTOMER AREA GROUT- SEE FINISH SCHEDULE FLOOR TILE (FT) COMMENTS FOR LOCATION	ALL INQUIRIES MUST MENTION THE NATIONAL ACCOUNT WITH DUNKIN BRANDS PHONE: 877-566-5728 EMAIL: NATIONAL.ACCOUNT@DALTILE.COM DBI REP: PAULA.TOSTI@DALTILE.COM 978.836.7793 EMAIL: PAULA.TOSTI@DALTILE.COM
G-02	GROUT	MAPEI	ULTRSCOLOR PLUS FA # 47 - CHARCOAL	BACK OF HOUSE GROUT- SEE FINISH SCHEDULE FLOOR TILE (FT) COMMENTS FOR LOCATION	
G-03	GROUT	MAPEI	ULTRSCOLOR PLUS FA # 39 - AVALANCHE	BACK LINE GROUT- SEE FINISH SCHEDULE WALL TILE (WT) COMMENTS FOR LOCATION	
G-04	GROUT	MAPEI	ULTRSCOLOR PLUS FA # 10 - BLACK	BRICK TILE GROUT- SEE FINISH SCHEDULE FLOOR TILE (FT) OR WALL TILE (WT) COMMENTS FOR LOCATION	
G-05	GROUT	MAPEI	ULTRSCOLOR PLUS FA # 09 - GRAY	RESTROOM GROUT- SEE FINISH SCHEDULE WALL TILE (WT) COMMENTS FOR LOCATION	
FT-01 (C)	PORCELAIN TILE	DAL TILE	DB PORTFOLIO POR -- 12X24 FLOOR PF05 "ASH GREY STD" # PF0512241PK	COOL PALETTE - 12"X24" FRONT OF HOUSE (PUBLIC AREAS) AND RESTROOM AREA TILE - USE W/ GROUT G-01 (C)	
FT-01 (E)	PORCELAIN TILE	DAL TILE	REMODEL KEEPING EXISTING FLOOR TILE	2015 IMAGE TILE (TAN COLOR) MAYBE AVAILABLE (COLOR MATCH REQUIRED) FROM DAL TILE N500 "PUNKIN LATTE"	
FT-02	QUARRY TILE	DAL TILE	DB TEXTURES - 6X6X1/2 FLOOR CE 0T03 "ASHEN GRAY STD" # 0T03661P	COOL AND WARM PALETTE - 6"X6" BACKLINE/SERVICE AREA & B.O.H. AREAS - USE W/ GROUT G-02	
FT-02 (E)	QUARRY TILE	DAL TILE	REMODEL KEEPING EXISTING FLOOR TILE		
FTB-01 CUT (C)	PORCELAIN TILE	DAL TILE	DB PORTFOLIO POR -- 12X24 FLOOR PF05 "ASH GREY STD" # PF0512241PK	COOL PALETTE - CUT 12"X24" FLOOR TILE W/ BRUSHED NICKEL SCHLUTER STRIP CAP JOLLY - ANIGB COLOR MATCH WALL TILE ALUMINUM TRIM MATTE WHITE TSDA DARK ANTHRACITE TSSG STONE GREY	
FTB-01 COVE (C)	PORCELAIN TILE	DAL TILE	DB PORTFOLIO PORC - 6X12 COVE BASE HM05 "ASH GREY STD" # PF05P96C81B1P2	COOL PALETTE - 6"X12" COVED BASE TILE (OPTIONAL UPGRADE FOR FRONT OF HOUSE PUBLIC AREAS AND RESTROOMS)	
FTB-02 COVE	QUARRY TILE WALL BASE	DAL TILE	DB TEXTURES Q3565U 0T03 "ASHEN GRAY STD" # 0T03Q3565U1P	COOL AND WARM PALETTE - 5"X 6" COVE BASE - SEE NATIONAL ACCOUNTS FOR INSIDE/OUTSIDE CORNER PRODUCT NUMBERS # 0T03Q3565U1P - COVE BASE # 0T03QCL3565U1P - LEFT CORNER # 0T03OCR3565U1P - RIGHT CORNER # 0T03OB3565U1P - INSIDER CORNER USE W/ GROUT G-02	
WT-01 (C)	PORCELAIN TILE	DAL TILE	DB DUNKIN SWITCH ACCENT 12" x 24" (backline wall) # N812DD12241P2	COOL PALETTE - INSTALL PER PATTERN SHOWN IN DETAIL, 12X24 BACKLINE WALL TILE - USE W/ GROUT G-03 ALUMINUM PROFILE: SCHLUTER, JOLLY, MBW MATTE WHITE HEIGHT 10 mm (3/8") A100MBW	
WT-02	PORCELAIN TILE	DAL TILE	DB PORTFOLIO POR -- 6X24 FLOOR PF09 "CHARCOAL" # PF096241PK	COOL AND WARM PALETTE - BRICK STYLE 6" X 24" OR 4" X 12" SP. ORDER CUT TO SIZE (WT-2) - USE W/ GROUT G-04 ALUMINUM PROFILE: SCHLUTER, JOLLY, TSDA DARK ANTHRACITE HEIGHT 8 mm (5/16") A80TSDA	
WT-03	PORCELAIN TILE	DAL TILE	DB FIELD - 6"X18" WHITE (RESTROOMS), COLOR WHEEL LINEAR - ARCTIC WHITE # 0790 MATTE	COOL AND WARM PALETTE - RESTROOMS INSTALL IN A STACK BOND PATTERN 6"X18" - USE W/ GROUT G-5 ALUMINUM PROFILE: SCHLUTER, JOLLY, MBW MATTE WHITE HEIGHT 8 mm (5/16") A80MBW	
WT-04 (C)	PORCELAIN TILE	DAL TILE	DB BLOCK PARTY 6" X 6" - 2 TILE ACCENT (RESTROOMS) # N515BP01661P4	COOL PALETTE - RESTROOM ACCENT INSTALL PER PATTERN SHOWN IN DETAIL, 6" X 6" - USE W/ GROUT G-5 ALUMINUM PROFILE: SCHLUTER, JOLLY, TSSG STONE GREY 8 mm (5/16") A80TSSG	

WALL PROTECTION					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
WP-PL2 (C)	LAMINATE	WILSONART	4857-60 "SHADOW ZEPHYR" MATTE FINISH (SAME AS PL-10)	PLAM WALL PANELS 48" x 96" (MILLWORK FABRICATED ITEM)	
WP-CR1		IMPACT SPECIALTIES	COLOR: "BRUSHED NICKEL"	SARATOGA CHAIR RAIL 3" H x 114" L x 1/2" THK; VA200 "BRUSHED NICKEL" CORNER GUARD	CLEARLY STATE THAT YOUR ARE A MEMBER OF DUNKIN' BRANDS, INC. STRATEGIC ACCOUNT UPON PURCHASING MATERIAL TO RECEIVE NATIONAL PRICING FOR ASSISTANCE, PLEASE CONTACT CUSTOMER SERVICE AT PHONE: 988-424-6287
WP-CR2 (C)	SOLID SURFACE	LG HI-MACS	CUSTOM COLOR: CANTON (SEE AS SS-01(C)) FINISH: POLISHED EDGE PROFILE: REFERENCE MILLWORK DETAIL ALUMINUM PROFILE: SCHLUTER, JOLLY	SOLID SURFACE CHAIR RAIL	
WP-C1		IMPACT SPECIALTIES	COLOR: "BRUSHED SILVER" VA-200 CORNER 72" X 11/2" X 1 1/2"	CHAIR RAIL CORNER PIECE	CLEARLY STATE THAT YOUR ARE A MEMBER OF DUNKIN' BRANDS, INC. STRATEGIC ACCOUNT UPON PURCHASING MATERIAL TO RECEIVE NATIONAL PRICING FOR ASSISTANCE, PLEASE CONTACT CUSTOMER SERVICE AT PHONE: 988-424-6287

VINYL WALL COVERING					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
WC-01 (C)	TYPE II VINYL WALL COVERING	DL COUCH	DL-122 "MINERAL" VERSA ARIES PATTERN 20 OZ TYPE II w/ AQUASAFE	ARCHITECT/G.C. TO CONFIRM FRANCHISEE PREFERENCE ON MANUFACTURER	CLEARLY STATE THAT YOUR ARE A MEMBER OF DUNKIN' BRANDS, INC. STRATEGIC ACCOUNT UPON PURCHASING MATERIAL TO RECEIVE NATIONAL PRICING. KAITLYN FEASTER- ACCOUNT MANAGER P: 800.433.0790 E: DUNKINORDERS@DLCOUCH.COM
		WOLF GORDON	DUNKIN RIVULET 54" WIDE GOH 31818546 COLOR NEXT GEN NEUTRAL COOL PALLETTE		CLEARLY STATE THAT YOUR ARE A MEMBER OF DUNKIN' BRANDS, INC. STRATEGIC ACCOUNT UPON PURCHASING MATERIAL TO RECEIVE NATIONAL PRICING. FAX ORDER FORM TO :718.706.5912 OR ALFREDO.ORTIZ@WOLFGORDON.COM
WC-02 (C)	TYPE III (WALL PROTECTION)	DL COUCH	VERSA GAURD HALCYN TYP3 127860 "WINDWARD"	ARCHITECT/G.C. TO CONFIRM FRANCHISEE PREFERENCE ON MANUFACTURER	CLEARLY STATE THAT YOUR ARE A MEMBER OF DUNKIN' BRANDS, INC. STRATEGIC ACCOUNT UPON PURCHASING MATERIAL TO RECEIVE NATIONAL PRICING. KAITLYN FEASTER- ACCOUNT MANAGER P: 800.433.0790 E: DUNKINORDERS@DLCOUCH.COM
		WOLF GORDON	RAMPART GOH 12691266 "STONE"		CLEARLY STATE THAT YOUR ARE A MEMBER OF DUNKIN' BRANDS, INC. STRATEGIC ACCOUNT UPON PURCHASING MATERIAL TO RECEIVE NATIONAL PRICING. FAX ORDER FORM TO :718.706.5912 OR ALFREDO.ORTIZ@WOLFGORDON.COM
WC-03 (C)	ADVANCED WALL PROTECTION	DL COUCH	DL-26519C P3TEC (NATURELLE) (48" WIDE 15 YARD BOLT)	MUST BE INSTALLED RAILROADED.	CLEARLY STATE THAT YOUR ARE A MEMBER OF DUNKIN' BRANDS, INC. STRATEGIC ACCOUNT UPON PURCHASING MATERIAL TO RECEIVE NATIONAL PRICING. KAITLYN FEASTER- ACCOUNT MANAGER P: 800.433.0790 E: DUNKINORDERS@DLCOUCH.COM
	NOT USED	WOLF GORDON	SEE DL COUCH WC-03 (C)		CLEARLY STATE THAT YOUR ARE A MEMBER OF DUNKIN' BRANDS, INC. STRATEGIC ACCOUNT UPON PURCHASING MATERIAL TO RECEIVE NATIONAL PRICING. FAX ORDER FORM TO :718.706.5912 OR ALFREDO.ORTIZ@WOLFGORDON.COM
	NOT USED	DL COUCH	SEE WOLF GORDON WC-04		CLEARLY STATE THAT YOUR ARE A MEMBER OF DUNKIN' BRANDS, INC. STRATEGIC ACCOUNT UPON PURCHASING MATERIAL TO RECEIVE NATIONAL PRICING. KAITLYN FEASTER- ACCOUNT MANAGER P: 800.433.0790 E: DUNKINORDERS@DLCOUCH.COM
WC-04	TYPE III (WALL PROTECTION)	WOLF GORDON	RAMPART 54" WIDE CHARCOAL GOH 31818583 TYPE III WALL PROTECTION	CHARCOAL WALL ALTERNATE FOR WT-02	CLEARLY STATE THAT YOUR ARE A MEMBER OF DUNKIN' BRANDS, INC. STRATEGIC ACCOUNT UPON PURCHASING MATERIAL TO RECEIVE NATIONAL PRICING. FAX ORDER FORM TO :718.706.5912 OR ALFREDO.ORTIZ@WOLFGORDON.COM

INTERIOR WALL PAINT					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
PT-01 (C)	PAINT	SHERWIN WILLIAMS	LIGHT GREY SW 7671 "ON THE ROCKS"	SHEEN: "SATIN-EGGSHELL" - WALL / SOFFIT PAINT WHERE INDICATED	PLACE ORDER WITH LOCAL SHERWIN WILLIAMS STORE FOR A STORE NEAR YOU CALL: 800-474-3794
PT-02 (C)	PAINT	SHERWIN WILLIAMS	CHARCOAL SW 7069 "IRON ORE"	SHEEN: FLAT FOR CEILING / SOFFIT; SEMIGLOSS FOR DOORS AND FRAMES	MARK T. WEINER NATIONAL ACCOUNT EXECUTIVE 93 CHURCH ST BARRINGTON RI 02806 M: 617-438-1408 O: 401-245-9176 EMAIL: MARK.T.WEINER@SHERWIN.COM
PT-03 (C)	PAINT	SHERWIN WILLIAMS	OFF WHITE SW 6252 "ICE CUBE"	SHEEN: FLAT FOR CEILING; SEMIGLOSS FOR DOORS AND FRAMES	

CEILING FINISH					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
CT-01	ACOUSTIC CEILING TILE	ARMSTRONG	WHITE FACTORY FINISH #1732 WH (2' X 2')	WHITE, FINE FISSURED TILE WITH WHITE GRID [ARMSTRONG#7300 WH/ SIZE: 5/16"]	PLEASE CONTACT ARMSTRONG @ 1-800-442-4212.
CT-02	CEILING TILE AND GRID SYSTEM	ARMSTRONG	BLACK FACTORY FINISH 1728 BL (2' X 2')	BLACK, FINE FISSURED-TILE AND BLACK GRID	CLEARLY STATE THAT YOUR ARE A MEMBER OF DUNKIN' BRANDS, INC. STRATEGIC ACCOUNT UPON PURCHASING MATERIAL TO RECEIVE NATIONAL PRICING.
CT-03	VINYL FACED CLG TILE	ARMSTRONG	#970 (2' X 4') / #868 (2' X 2')	WHITE TILE AND GRID	
CT-04	ACOUSTIC CEILING TILE	ARMSTRONG	BLACK FACTORY FINISH 1729 BL (2' X 4')	BLACK, FINE FISSURED-TILE AND BLACK GRID	

INTERIOR FIBERGLASS REINFORCED PANEL					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
FRP-01	FIBERGLASS REINFORCED PANELS	CRANE COMPOSITES	GLASBOARD COLOR: 48- PEARL GRAY TEXTURE: EMBOSSED (PEBBLE FINISH)	BOHKITCHEN AREAS NOT IN PUBLIC VIEW	CRANE - KEMLITE COMPOSITES VENDOR CONTACT: JEFF TOLLE P: 1-800-435-0090 OR 1-815-467-9800 OR 1-815-274-9125 (DIRECT) C: 330-260-7627 SALES@CRANECOMPOSITES.COM
FRP-01 ALT	FIBERGLASS REINFORCED PANELS	MARLITE	COLOR: P151 "LIGHT GRAY" TEXTURE: EMBOSSED (PEBBLE FINISH)	BOHKITCHEN AREAS NOT IN PUBLIC VIEW	
FRP-02 ALT	FIBERGLASS REINFORCED PANELS	PANOLAM	COLOR: SILVER TEXTURE: EMBOSSED (PEBBLE FINISH)	BOHKITCHEN AREAS NOT IN PUBLIC VIEW	
FRP-03 (C)	FIBERGLASS REINFORCED PANELS	CRANE COMPOSITES	COLOR: 113DCP 4' X 8' PART # 113 DCP8 OR 4' X 10' PART # 113 DCP10	COOL PALETTE - APPROVED FOR BACK LINE WALL IN NEW AND REMODEL RESTAURANTS.	CRANE - KEMLITE COMPOSITES VENDOR CONTACT: JEFF TOLLE P: 1-800-435-0090 OR 1-815-467-9800 OR 1-815-274-9125 (DIRECT) C: 330-260-7627 SALES@CRANECOMPOSITES.COM

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Gary Kliesch and Associate Architects

Rev. No.	Drawing Issues / Revisions	Date

NJ: AI 13332
NY: 029618
FL: AR95762
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D.C.: ARC101888 MA: 10610
GA: RA 019863 MI: 1301064135
VA: 401016373 IL: 001.023586
NC: 11736 WY: 4569 NH: 04487

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Gary Kliesch
A.L.A., N.A.A.R.B., N.C.I.D.

Proposed Alteration of:

DUNKIN'

40 S. Route 9W
West Haverstraw, NY
PC #302235

OMNI

Drawing Title: MASTER FINISH SCHEDULE	
Date: 08/17/21	Dwg No. GN 2.0
Drawn By: A.T.	Checked By: C.F.
Job No: 19-242	6 of 8

MILLWORK INTERIOR QUARTZ					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
SS-01 (C)	SOLID SURFACE	LG HI-MACS	CUSTOM COLOR: CANTON FINISH: POLISHED	COOL PALETTE (HANDOFF, BAKERY AND TAPS)	PROVIDED BY MILLWORK VENDOR

MILLWORK LAMINATES					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
PL-01 (C)	LAMINATE	FORMICA	5887-58 "MILLENNIUM OAK" MATTE FINISH		FORMICA FOR LOCAL DISTRIBUTOR CALL KAREN KENNEY 866-573-3512
PL-02	LAMINATE	FORMICA	837-58 GRAPHITE MATTE FINISH		
PL-03	LAMINATE	WILSONART	4830K-18 SATIN STAINLESS		WILSONART FOR LOCAL DISTRIBUTOR CALL 800-433-3222
PL-04 (C)	LAMINATE	WILSONART	ALTERNATE: M2022-99 BRUSHED ALUMINUM DECO METAL FINISH 1500 "GRAY" MATTE FINISH		
PL-05	LAMINATE	FORMICA	459-58 BRITE WHITE MATTE FINISH		
PL-06 (C)	LAMINATE	WILSONART	4783 "WHITE TIGRIS" BLACK LAMINATE	MILLWORK TABLE TOPS	
PL-07	LAMINATE	FORMICA			
PL-08	NOT USED				
PL-09	LAMINATE	FORMICA	NJ103-3959-48 "COOL WHITE"	MILLWORK CABINETS & INTERIOR SHELF FINISHES	
PL-10 (C)	LAMINATE	WILSONART	4857-60 "SHADOW ZEPHYR"	WAINSCOT	

EXTERIOR WALL PAINT					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
PTE-01	PAINT	SHERWIN WILLIAMS	CONCRETE FINISH	SW 7019 "GAUNTLET GRAY"	PLACE ORDER WITH LOCAL SHERWIN WILLIAMS STORE FOR A STORE NEAR YOU CALL: 800-474-3794
PTE-02	PAINT	SHERWIN WILLIAMS	CHARCOAL FINISH	SW 7069 "IRON ORE"	
PTE-04	PAINT	SHERWIN WILLIAMS	OFF WHITE FINISH	SW 7063 "NEBULOUS WHITE"	
PTE-05	PAINT	SHERWIN WILLIAMS	MID-TONE FINISH	SW 7066 "GRAY MATTERS"	MARK T. WEINER NATIONAL ACCOUNT EXECUTIVE 93 CHURCH ST BARRINGTON RI 02806 M. 617-438-1408 O. 401-245-5176 EMAIL: MARK.T.WEINER@SHERWIN.COM
PTE-09	PAINT	SHERWIN WILLIAMS	WALK-IN BOX	SW 7064 "PASSIVE"	
PTE-12	PAINT		DD PINK	COLOR MATCH PMS 219 C MAP ULTRA LOW V.O.C.	
PTE-13	PAINT		DD ORANGE	COLOR MATCH PMS 165C MAP ULTRA LOW V.O.C.	

EXTERIOR FIBER-CEMENT EXTERIOR SIDING AND PANELS					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
PS-01	FIBER CEMENT PANEL	JAMES HARDIE	CONCRETE FINISH	COLOR "PEARL GRAY" SURFACE: HARDIE SIDING DIMENSION: 7 1/4" X 12" X 5/16" THK WITH 6" SIDING EXPOSURE	JEFF HARVEY 774-287-6278 JEFFERY.HARVEY@JAMESHARDIE.COM
PS-01 LP	FIBER CEMENT PANEL	JAMES HARDIE	CONCRETE FINISH	COLOR "PEARL GRAY" SURFACE: REVEAL PANEL DIMENSION: (48"X96" PANEL)	
PS-02	FIBER CEMENT SIDING	JAMES HARDIE	CHARCOAL FINISH	COLOR "IRON GRAY - VOLCANO GRAY" SURFACE: HARDIE SIDING DIMENSION: 7 1/4" X 12" X 5/16" THK WITH 6" SIDING EXPOSURE	
PS-02 LP	FIBER CEMENT PANEL	JAMES HARDIE	CHARCOAL FINISH	COLOR "IRON GRAY - VOLCANO GRAY" SURFACE: REVEAL PANEL DIMENSION: (48"X96" PANEL)	
PS-03	FIBER CEMENT SIDING	WOODTONE	WOOD FINISH	COLOR "HONEY GLAZE" WOOD PATTERN SURFACE: WOOD PATTERN PLANK DIMENSION: 7 1/4" X 12" X 5/16" THK WITH 6" SIDING EXPOSURE NOTE: NAILS TO MATCH WOOD FINISH	FOR WOODTONE PRODUCTS: PAUL ADOLPHE P. 800.663.9844 X1124 PAUL@WOODTONE.COM
PS-04 LP	FIBER CEMENT PANEL	JAMES HARDIE	OFF WHITE FINISH	COLOR "ARCTIC WHITE" SURFACE: REVEAL PANEL DIMENSION: (48"X96" PANEL)	TIM FOLSTER MANAGER STRATEGIC ACCOUNTS P. 800.663.9844 X1122 TIM@WOODTONE.COM
PS-05	FIBER CEMENT SIDING	JAMES HARDIE	MID-TONE FINISH	COLOR "GRAY SLATE" SURFACE: HARDIE SIDING DIMENSION: 7 1/4" X 12" X 5/16" THK WITH 6" SIDING EXPOSURE	
PS-05 LP	FIBER CEMENT PANEL	JAMES HARDIE	MID-TONE FINISH	COLOR "GRAY SLATE" SURFACE: REVEAL PANEL DIMENSION: (48"X96" PANEL)	

EXTERIOR EIFS					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
EIFS-01	EIFS	DRYVIT	CONCRETE PATTERN	"CONCRETE" EIFS: DRYVIT #DUO 29 2745 ST: MATCH SW 7064 PASSIVE WHITE; LIMESTONE FINISH	ROBERT DAZEL C. 734-276-0404 BOB.DAZEL@DRYVIT.COM
EIFS-02	EIFS	DRYVIT	CHARCOAL PATTERN	"CHARCOAL" EIFS: DRYVIT #DUO 312736S: MATCH SW 7069 IRON ORE; SANDPEBBLE FINE	
EIFS-02 BR	EIFS	DRYVIT	CHARCOAL BRICK PATTERN	"BRICK" EIFS: DRYVIT NEWBRICK; MODULAR WIRE CUT; GATE HOUSE; IRON SPOT AND FLASHED	
EIFS-04	EIFS	DRYVIT	OFF WHITE PATTERN	"WHITE" EIFS: DRYVIT #DUO 23 2736S ST: MATCH SW 7063 NEBULOUS WHITE; SANDPEBBLE FINE	
EIFS-05	EIFS	DRYVIT	MID-TONE CLADDING	"MIDDLE GREY" EIFS: DRYVIT COLOR: #DUO 362736S; SANDPEBBLE FINE	
EIFS-12	EIFS	DRYVIT	PINK BAND	COLOR: PINK - DUDO 33 1413 S NOTE: STRATOTONE COLORANT	
EIFS-13	EIFS	DRYVIT	ORANGE BAND	ORANGE - DUDO 34 1413 S NOTE: STRATOTONE COLORANT	

EXTERIOR METAL PAINTED COATINGS					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
PC-01	PAINTED COATING	SHERWIN WILLIAMS	CONCRETE FINISH	SW 7064 "PASSIVE WHITE"	PLACE ORDER WITH LOCAL SHERWIN WILLIAMS STORE FOR A STORE NEAR YOU CALL: 800-474-3794 MARK T. WEINER NATIONAL ACCOUNT EXECUTIVE 93 CHURCH ST BARRINGTON RI 02806 M. 617-438-1408 O. 401-245-5176 EMAIL: MARK.T.WEINER@SHERWIN.COM
	PAINTED COATING	POWDER COAT	CONCRETE FINISH	SW 7064 "PASSIVE WHITE"	
PC-02	PAINTED COATING	MATTHEWS PAINT	CHARCOAL FINISH	COLOR: MP10269 DARK SLATE FINISH LVS SATIN V2.0	PLACE ORDER WITH LOCAL SHERWIN WILLIAMS STORE FOR A STORE NEAR YOU CALL: 800-474-3794 MARK T. WEINER NATIONAL ACCOUNT EXECUTIVE 93 CHURCH ST BARRINGTON RI 02806 M. 617-438-1408 O. 401-245-5176 EMAIL: MARK.T.WEINER@SHERWIN.COM
	PAINTED COATING	SHERWIN WILLIAMS	CHARCOAL FINISH	SW 7069 "IRON ORE"	
PC-04	PAINTED COATING	POWDER COAT	CHARCOAL FINISH	SW 7069 "IRON ORE"	
	PAINTED COATING	MATTHEWS PAINT	OFF WHITE FINISH	COLOR MATCH PMS COOL GREY 1C MAP ULTRA LOW V.O.C.	
PC-05	PAINTED COATING	SHERWIN WILLIAMS	OFF WHITE FINISH	SW 7063 "NEBULOUS WHITE"	
	PAINTED COATING	POWDER COAT	OFF WHITE FINISH	SW 7063 "NEBULOUS WHITE"	
PC-09	PAINTED COATING	SHERWIN WILLIAMS	MID-TONE FINISH	SW 7066 "GRAY MATTERS"	
	PAINTED COATING	POWDER COAT	MID-TONE FINISH	SW 7066 "GRAY MATTERS"	
PC-12	PAINTED COATING	SHERWIN WILLIAMS	WALK-IN	SW 7064 "PASSIVE"	
	PAINTED COATING	POWDER COAT	WALK-IN	SW 7064 "PASSIVE"	
PC-13	PAINTED COATING	MATTHEWS PAINT	DD PINK FINISH	COLOR MATCH PMS 219 C COLOR: MP73206 R161426 FINISH: LVS SATIN V1.0 OVER MP55898 WHITE BASECOAT	
	PAINTED COATING	SHERWIN WILLIAMS	DD PINK FINISH	COLOR MATCH PMS 219 C	
	PAINTED COATING	POWDER COAT	DD PINK FINISH	COLOR MATCH PMS 219 C	
PC-13	PAINTED COATING	MATTHEWS PAINT	DD ORANGE FINISH	COLOR MATCH PMS 165C COLOR: MP797700 R161426 FINISH: LVS SATIN V1.0 OVER MP55898 WHITE BASECOAT	
	PAINTED COATING	SHERWIN WILLIAMS	DD ORANGE FINISH COLOR # 5059990	Blended At Sherwin Williams Product Finishes, Lowell MA Product: LV3 - Genesis Low VOC Satin GT1039 Orange Toner 785.97g / .19gal GT1511 Low VOC Gloss Clear 529.21g / .12gal GT1043 Autumn Orange 194.04g / .05gal GT1011 Artic White 137.20g / .02gal GR1088 Reducer 442.38g / .13gal GT1510 Low VOC Flat Clear 2157.21g / .49gal	
PC-13	PAINTED COATING	POWDER COAT	DD ORANGE FINISH	COLOR MATCH PMS 165C	

EXTERIOR METAL TRIM					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
TR-01	METAL	TAMLIN	EXTRUDED METAL CHANNEL USED AT TOWER ELEMENT	PINK ACCENT BAND SEE SF03 (PINK)	TAMLIN - XTREME TRIM IAN DANIELS 713-446-3075, idaniels@tamlyn.com OR HORACIOS SHEET METAL MICHAEL TAVERES P. 508-985-9940; mike@horacios.com OR AGI RANDY KERR 800-877-3810 EXT. 3248; rkerr@agi.net
	METAL	HORACIO			
	METAL	AGI			
TR-02	METAL	TAMLIN	EXTRUDED METAL CHANNEL USED AT TOWER ELEMENT	OFF WHITE ACCENT BAND SEE SF04 (WHITE)	
	METAL	HORACIO			
	METAL	AGI			
TR-04	METAL	TAMLIN	KOCLP34) OUTSIDE CORNER TRIM. USED AT TOWER ELEMENT	TO MATCH FIBER CEMENT LAP SIDING PS-03	
TR-05	METAL	TAMLIN	(XS516) BOTTOM "STARTER" TRIM. USED AT TOWER ELEMENT	CLEAR ANODIZED	
TR-06	METAL	TAMLIN	(JMH34) VERTICAL TERMINATION TRIM-TYP. USED AT TOWER ELEMENT	FACTORY FINISH TO MATCH FIBER CEMENT LAP SIDING PS-03	
TR-07	METAL	TAMLIN	(JMH716) TOP TRIM USED AT TOWER ELEMENT	FACTORY FINISH TO MATCH FIBER CEMENT LAP SIDING PS-03	
TR-08	METAL	JAMES HARDIE	JH SURROUND VERTICAL TRIM	FINISH: FACTORY CLEAR ANODIZED 16 GA TRIM AVAILABLE IN 8'-0" LENGTHS, USED WITH JAMES HARDIE REVEAL PANELS	
TR-09	METAL	JAMES HARDIE	JH SURROUND HORIZONTAL TRIM	FINISH: FACTORY CLEAR ANODIZED 16 GA TRIM AVAILABLE IN 8'-0" LENGTHS, USED WITH JAMES HARDIE REVEAL PANELS	
TR-10	METAL	JAMES HARDIE	JH SURROUND OUTSIDE CORNER TRIM	FINISH: FACTORY CLEAR ANODIZED 16 GA TRIM AVAILABLE IN 8'-0" LENGTHS, USED WITH JAMES HARDIE REVEAL PANELS	JEFF HARVEY 774-287-6278 JEFFERY.HARVEY@JAMESHARDIE.COM
TR-11	METAL	JAMES HARDIE	JH SURROUND J-CHANNEL TRIM	FINISH: FACTORY CLEAR ANODIZED 16 GA TRIM AVAILABLE IN 8'-0" LENGTHS, USED WITH JAMES HARDIE REVEAL PANELS. NOTE: CAN BE USED VERTICALLY & HORIZONTALLY @ PENETRATION OR TRANSITION W/ OTHER MATERIALS	

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NJ: AI 13332
NY: 026618
FL: AR95782
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D.C.: ARC101838 MA:10810
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ARI 0009367
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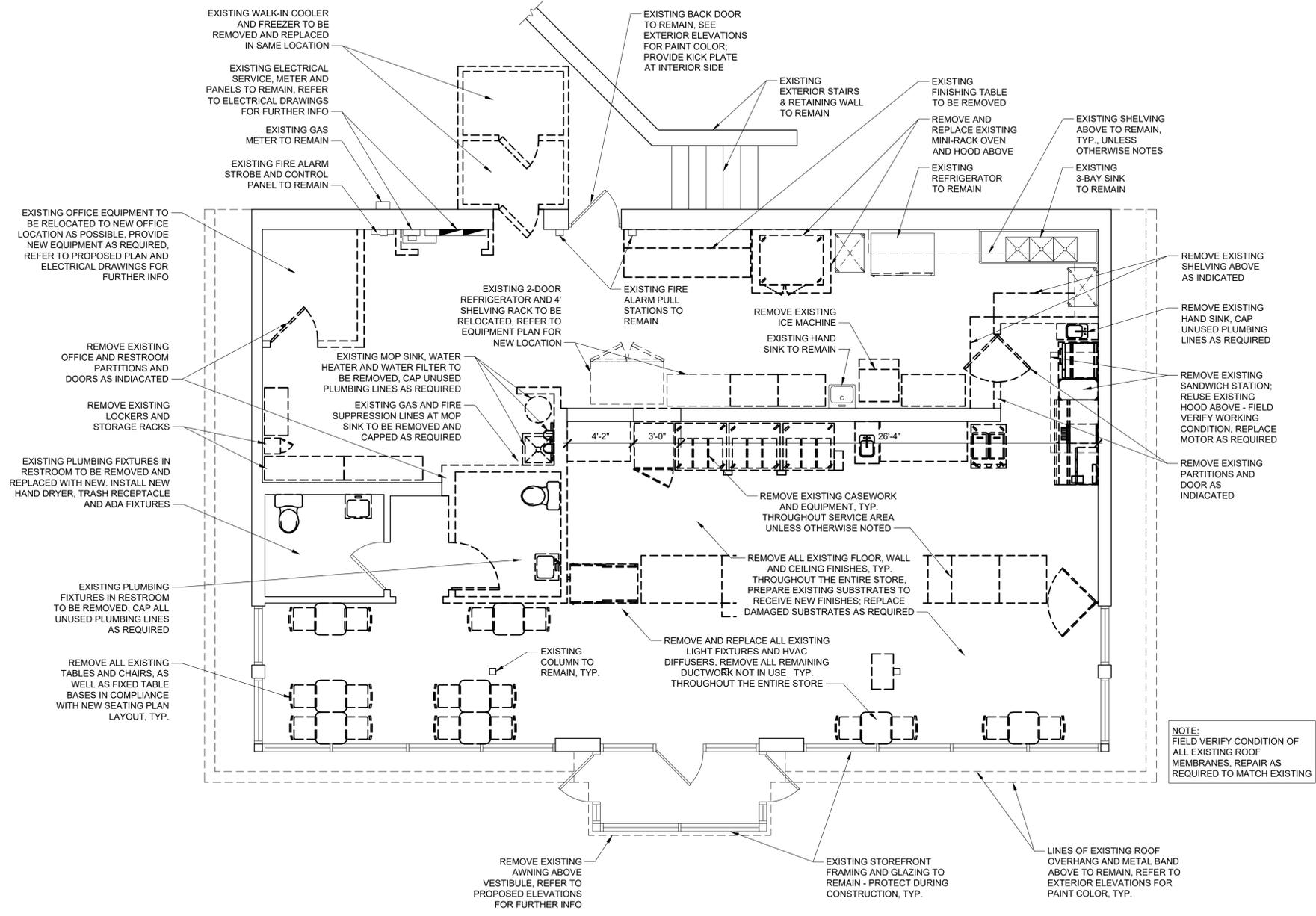
Proposed Alteration of:

DUNKIN'

40 S. Route 9W
West Haverstraw, NY
PC #302235

OMNI

Drawing Title: MASTER FINISH SCHEDULE (CONT.)	
Date: 08/17/21	Dwg No. GN 2.1
Drawn By: A.T.	Checked By: C.F.
Job No: 19-242	7 of 8



PLAN LEGEND

	EXISTING WALL TO REMAIN		EXISTING WALL TO BE DEMOLISHED
	EXISTING DOOR TO REMAIN		EXISTING DOOR TO BE DEMOLISHED
	EXISTING CASEWORK AND EQUIPMENT TO BE RELOCATED		EXISTING CASEWORK AND EQUIPMENT TO BE REMOVED

- DEMOLITION NOTES**
- REMOVE EXISTING FLOOR FINISHES AND REPLACE W/ NEW, TYP. THROUGHOUT ENTIRE STORE. PREPARE EXISTING SUBSTRATES TO RECEIVE NEW FINISHES - REPLACE DAMAGED SUBSTRATES AS REQUIRED.
 - REMOVE EXISTING WALL FINISHES AND REPLACE W/ NEW, TYP. THROUGHOUT ENTIRE STORE. PREPARE EXISTING SUBSTRATES TO RECEIVE NEW FINISHES - REPLACE DAMAGED SUBSTRATES AS REQUIRED.
 - REMOVE EXISTING PARTITIONS AND DOORS AS INDICATED ON DEMOLITION PLAN.
 - REMOVE EXISTING CEILINGS, TYP. THROUGHOUT ENTIRE STORE. REMOVE EXISTING LIGHT FIXTURES AND REPLACE W/ NEW, TYP. THROUGHOUT ENTIRE STORE.
 - REVIEW EXISTING EMERGENCY AND EXIT LIGHTS FOR CONDITION; REPLACE AS REQUIRED.
 - REMOVE ALL EXISTING EQUIPMENT, FURNITURE AND APPLIANCES AS INDICATED ON DEMOLITION PLAN.
 - REMOVE EXISTING PLUMBING FIXTURES AS INDICATED ON DEMOLITION PLAN - CAP UNUSED PLUMBING LINES AS REQUIRED.
 - REMOVE EXISTING WATER FILTRATION SYSTEM AND REPLACE W/ NEW, REFER TO PLUMBING DRAWINGS FOR FURTHER INFO.
 - REMOVE AND REPLACE EXISTING EXTERIOR WALK-IN COOLER/FREEZER IN SAME LOCATION AND SIZE.
 - REMOVE AND REPLACE EXISTING HVAC DIFFUSERS, REMOVE ALL REMAINING DUCTWORK NOT IN USE, TYP. THROUGHOUT ENTIRE STORE.
 - REUSE EXISTING ROOFTOP UNIT, VERIFY WORKING CONDITION IN FIELD, REPLACE EXISTING DUCTWORK AS REQUIRED.
 - REMOVE EXISTING CANOPY ABOVE VESTIBULE, REFER TO EXTERIOR ELEVATIONS FOR FURTHER INFO.
 - REMOVE AND REPLACE EXISTING BUILDING SIGN, REFER TO EXTERIOR ELEVATIONS FOR FURTHER INFO.
 - EXISTING PYLON SIGN TO BE REFACED.
 - DO NOT DEMOLISH ANY BEARING WALLS OR STRUCTURAL MEMBERS, NOTIFY ARCHITECT OF ANY CONFLICTS.
 - GENERAL CONTRACTOR TO OBTAIN ALL CONSTRUCTION MATERIALS IN ADVANCE AND STORE WITHIN ONSITE STORAGE AREA. MATERIALS WITHIN STORAGE UNIT ARE TO BE PACKED AND STAGED ACCORDING TO SEQUENCE OF PROJECT TO FACILITATE LOADING JOB.
 - GENERAL CONTRACTOR TO DISCONNECT ALL EXISTING EQUIPMENT AS REQUIRED PER SCOPE OF OUTLINED WORK, SHUTDOWNS MAY BE STAGED, UNLESS MAJOR ELECTRICAL OR PLUMBING WORK IS REQUIRED THAT COULD CAUSE DAMAGE TO EQUIPMENT THAT IS CONNECTED.
 - GENERAL CONTRACTOR TO MAKE ALL MECHANICAL, PLUMBING AND ELECTRICAL CONNECTIONS FOR ALL THE EQUIPMENT AS INDICATED ON EQUIPMENT PLAN.
 - GENERAL CONTRACTOR TO COORDINATE PERMIT, APPROVALS, AND LOCATION OF DUMPSTER AND STORAGE UNIT PRIOR TO STORE CLOSING.

NOTE:
FIELD VERIFY CONDITION OF ALL EXISTING ROOF MEMBRANES, REPAIR AS REQUIRED TO MATCH EXISTING

1 DEMOLITION PLAN
1/4" = 1'-0" NOTE:

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NC: 11736	WV: 4569
	NH: 04487

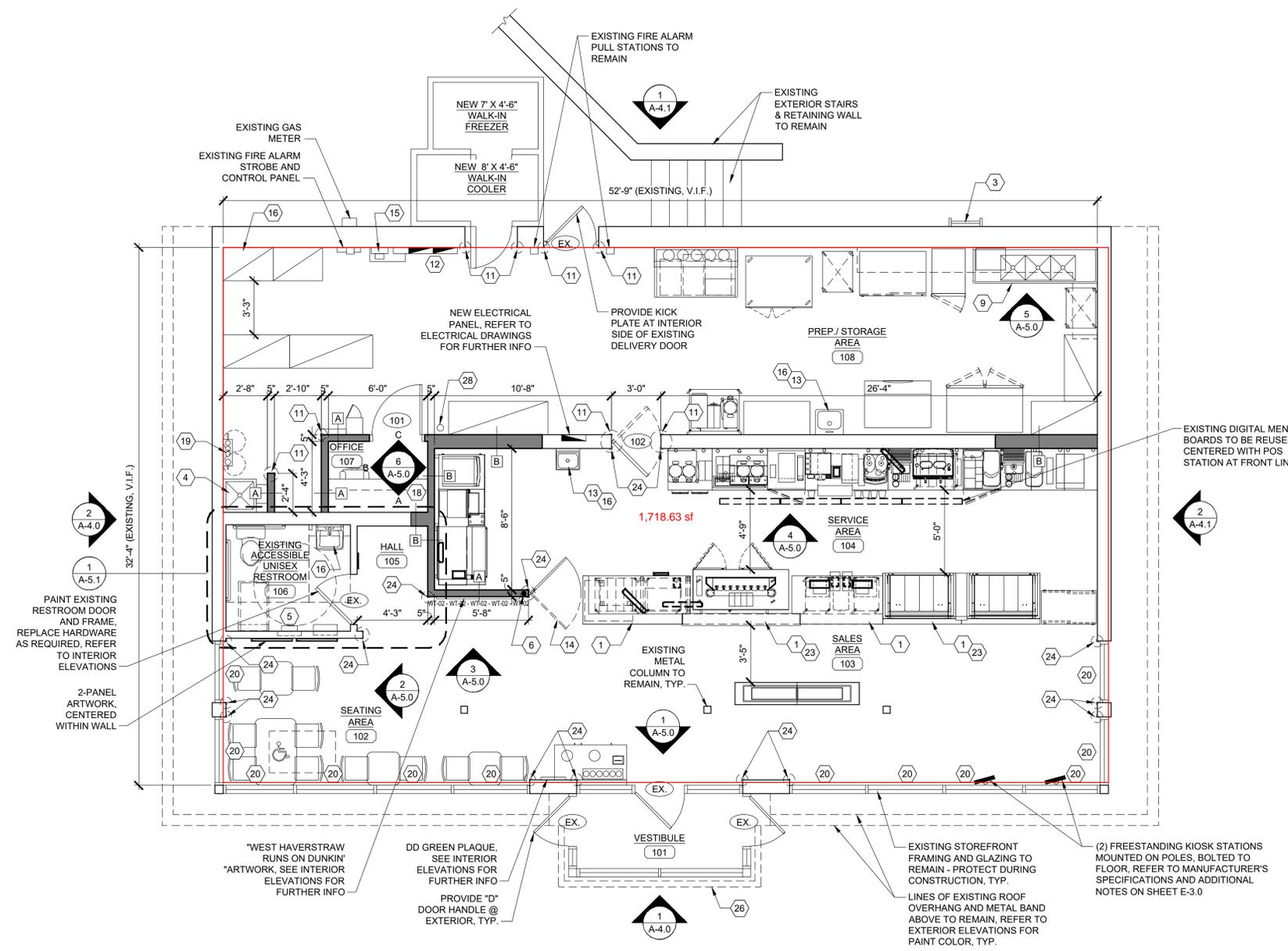
Proposed Alteration of:

DUNKIN'

40 S. Route 9W
West Haverstraw, NY
PC #302235

OMNI

Drawing Title: DEMOLITION PLAN NOTES, LEGEND	
Date: 08/17/21	Dwg No. A
Drawn By: A.T.	1.0
Checked By: C.F.	
Job No: 19-242	1 of 10



- ### PLAN NOTES:
- CASEWORK BY OTHERS.
 - EXISTING DRIVE-THRU WINDOW.
 - ROOF LADDER - WHERE ALLOWED OR REQUIRED BY CODE
 - JANITOR'S SINK - PROVIDE DEDICATED WATER SUPPLY FOR P&G DISPENSER (SEE NATIONAL ACCOUNTS). P&G EQUIPMENT INSTALLED BY VENDOR. SEE DETAIL #10/ SHEET P-3.0.
 - SURFACE MOUNT HAND DRYER W/ DBI BRANDING AND SUSTAINABILITY MESSAGE; REFER TO RESTROOM EQUIP. SCHEDULE ON SH. A-5.1
 - P.O.S. OUTLET BOX (48" A.F.F.) WITH 1/2" CONDUIT W/ PULLSTRING TO CEILING.
 - PROVIDE SHELF AND STRAPPING FOR TANK WATER HEATER (WHEN USED) MOUNTED OVER MOP SINK - PER LOCAL CODE.
 - EXISTING BOLLARD - REFER TO EXTERIOR ELEVATIONS FOR NEW COLOR.
 - EXISTING 3 COMPARTMENT SINK W/ 2 INTEGRATED DRAIN BOARDS - PROVIDE DEDICATED WATER SUPPLY FOR P&G DISPENSER (SEE NATIONAL ACCOUNTS).
 - FROST PROOF HOSE BIB.
 - 2" X 2" STAINLESS STEEL CORNER GUARDS, FULL LENGTH OF CORNER UP TO CEILING (TYPICAL THROUGHOUT BACK OF HOUSE).
 - EXISTING ELECTRICAL PANELS: SEE ELECTRICAL SHEETS FOR FURTHER INFO.
 - HAND SINKS ARE REQUIRED WITHIN A 25 FT. RADIUS OF ALL WORK STATIONS IN SERVICE AREAS AND KITCHEN (OR PER LOCAL CODE IF MORE STRINGENT).
 - SWING GATE BY MILLWORK VENDOR.
 - EXISTING ELECTRICAL METER - PROVIDE APPROPRIATE CONNECTION TO ELECTRICAL PANELS AS PER FEDERAL, STATE AND LOCAL CODES.
 - PROVIDE DIRECT LINE W/ TEMPERATURE REGULATOR VALVE FROM HWH TO ALL HAND WASHING SINKS.
 - TANK-TYPE HOT WATER HEATER (SEE SPECS. ON SHEET GN-1.3). MAY BE USED IN PLACE OF RINNAI UNIT - COORDINATE EXACT SIZE W/ LOCAL REQUIREMENTS.
 - G.C. TO PROVIDE ANCHOR BOLTS FOR SLAB MOUNTED SAFE IN OFFICE - REFER TO SPECIFICATIONS TO BE PROVIDED BY FRANCHISEE.
 - WATER FILTRATION SYSTEM (BRANCH OFF MAIN LINE) FOR COFFEE BREWING EQUIPMENT, BEVERAGE MACHINES, ETC. LOCATE ABOVE WATER METER.
 - WINDOW SHADE: SEE CONSTRUCTION SPECIFICATIONS ON GN-1.2 AND NATIONAL ACCOUNTS SUPPLIER ON THE EXTRANET.
 - CORE DRILL: SEE DETAIL #6/ SHEET A-6.0.
 - MILLWORK SUPPLIER SHALL PROVIDE ACCESS FOR UTILITIES & CLEANING AT ALL FRONT LINE MILLWORK.
 - PROVIDE CLEAR ANODIZED ALUM. EDGE TRIM (SCHLUTER "JOLLY") FOR FULL HEIGHT OF WALL @ EXTERNAL CORNERS & ALL LOCATIONS WHERE TILE ENDS, SEE DETAIL #5/ SHEET A-6.0.
 - PROJECTION OF LOWER BAND @ MONOLITH.
 - PROJECTION OF NEW ORANGE CANOPY ABOVE VESTIBULE. SEE EXTERIOR ELEVATIONS.
 - EXTERIOR ACCENT PANEL: SEE EXTERIOR ELEVATIONS.
 - "PLAN TUBE" MOUNTED ON WALL. SEE DETAIL #2/ SHEET A-6.0.

- ### GENERAL NOTES:
- TYPICAL SUBSTRATES FOR INTERIOR WALLS SHALL BE AS FOLLOWS:
PREP/ KITCHEN AND STORAGE AREAS:
0'-0" TO 3'-0" - 5/8" DUROCK CEMENT BOARD, 3'-0" AND ABOVE - 5/8" ORIENTED STRAND BOARD (OSB)
SERVICE AREA:
5/8" MIN. ORIENTED STRAND BOARD (OSB), 5/8" DUROCK CEMENT BOARD BEHIND PORCELAIN/ CERAMIC TILES.
SALES AND SEATING AREAS:
5/8" GYPSUM BOARD, 5/8" DUROCK CEMENT BOARD BEHIND CERAMIC TILES, 5/8" ORIENTED STRAND BD. @ DECORATIVE PLAM
"WOOD" WALLS.
RESTROOMS:
5/8" DUROCK CEMENT BOARD
- GENERAL CONTRACTOR SHALL PROVIDE ADEQUATE BLOCKING AS REQUIRED THROUGHOUT IN RESTROOMS FOR GRAB BARS, LAVATORIES, HAND DRIERS, MIRRORS, PAPER TOWEL DISPENSERS, SOAP DISPENSERS, AND OTHER ACCESSORIES UNLESS OTHERWISE NOTED; IN SERVICE AREA FOR: VDU, WALL SHELVES, ETC.
 - DIMENSIONS SHOWN ARE TO THE FACE OF FINISH.
 - REFER TO EQUIPMENT "K" SHEETS FOR INFORMATION REGARDING THE EQUIPMENT AND EQUIPMENT LAYOUT.
 - SEE SHEET A-6.0 FOR DOOR SCHEDULE AND DOOR & FRAME TYPES.
 - SEE SITE PLAN PROVIDED BY OWNER FOR NUMBER AND LOCATION OF THE FOLLOWING SITE FURNISHINGS: TABLE WITH SEATING, ADA TABLE WITH SEATING, TRASH CAN NEXT TO EXTERIOR SEATING AREA, TRASH CAN WITH GUYE NEXT TO DRIVE-THRU AREA - AND GROUNDSKEEPER SMOKING MANAGEMENT RECEPTACLE: SEE NATIONAL ACCOUNT SOURCE INFORMATION FOR MANUFACTURER / SUPPLIER.
 - THE FOLLOWING SITE ELEMENTS SHALL BE UPGRADED TO THE NEXT GENERATION IMAGE AS APPLICABLE:
- HEIGHT RESTRICTION BAR
- PREVIEW BOARD
- MENU BOARD/ ORDER CANOPY
- DIRECTIONAL SIGNS
- PYLON / MONUMENT SIGN
- BOLLARD COVERS
 - PROVIDE FIRE EXTINGUISHERS, TYPE ABC, WALL HUNG, TOP @ 5'-0" A.F.F. (BY G.C.) - NUMBER AND LOCATION AS DETERMINED BY LOCAL CODE.
 - EQUIPMENT SUPPLIER TO PLACE ALL NEW EQUIPMENT.
 - GENERAL CONTRACTOR TO PLACE ALL EXISTING EQUIPMENT AS INDICATED ON EQUIPMENT PLAN.
 - GENERAL CONTRACTOR TO MAKE ALL MECHANICAL, PLUMBING AND ELECTRICAL CONNECTIONS FOR ALL THE EQUIPMENT AS INDICATED ON EQUIPMENT PLAN.
 - CLEAN ENTIRE STORE UPON COMPLETION OF JOB INCLUDING ALL FRP. FLOORS, HVAC GRILLS, LIGHT FIXTURES, WALLS, WINDOWS, SNAKE DRAINS, ETC.
 - INDOOR AIR QUALITY MANAGEMENT REQUIREMENTS:
A. DURING CONSTRUCTION THE USE OF SMOKING/TOBACCO PRODUCTS INSIDE THE BUILDING IS PROHIBITED.
B. CONTRACTOR AND SUBCONTRACTORS SHOULD MAKE EVERY EFFORT TO MAINTAIN CLEAN WORK AREAS.
C. CONSTRUCTION ACTIVITIES THAT PRODUCE DUST SHOULD TAKE PLACE PRIOR TO HVAC STARTUP/USE, AND EVERY EFFORT SHOULD BE MADE TO DIRECT THESE POLLUTANTS TO THE OUTDOORS WITH FANS.
D. MATERIALS THAT ARE ABSORPTIVE SHOULD NOT BE BROUGHT ON-SITE UNTIL THE BUILDING IS SUFFICIENTLY DRIED IN, AND SHOULD BE ELEVATION FROM THE GROUND AND COVERED WITH VISQUEEN WHILE STORED ON SITE.
E. IF THE HVAC SYSTEMS WILL BE USED DURING CONSTRUCTION ACTIVITIES, TEMPORARY FILTRATION (MERV 8) SHOULD BE USED ON ALL RETURN AIR INTAKES, AND THE FILTERS INSIDE THE UNIT SHOULD BE REPLACED PRIOR TO BUILDING TURN OVER.
F. ALL INDOOR AIR QUALITY MANAGEMENT POLICIES OUTLINED ABOVE ARE PHOTOGRAPHED AT 25%, 50%, AND 75% PROJECT COMPLETION TO CONFIRM MEASURES WERE FOLLOWED.
 - CONSTRUCTION WASTE RECYCLING REQUIREMENTS:
A. ALL CONSTRUCTION-RELATED RECYCLABLE WASTE SHOULD BE RECYCLED/REUSED OR OTHERWISE DIVERTED FROM LANDFILL WHENEVER POSSIBLE.
B. AT MINIMUM ALL CONCRETE, METAL, AND PLASTIC THAT MEETS LOCAL RECYCLING STANDARDS SHOULD BE RECYCLED.
C. WHERE LOCAL MUNICIPALITIES OR VENDORS OFFER COMMINGLED RECYCLING OPPORTUNITIES TO HELP ACHIEVE OVER 50% CONSTRUCTION WASTE DIVERSION RATE FROM LANDFILL, FRANCHISEE SHOULD PURSUE.

1 PROPOSED PLAN

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

PLAN LEGEND

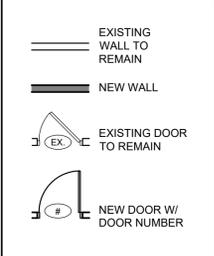
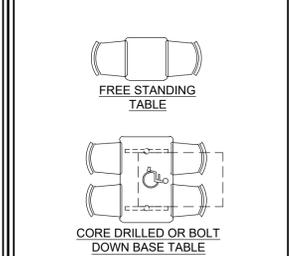
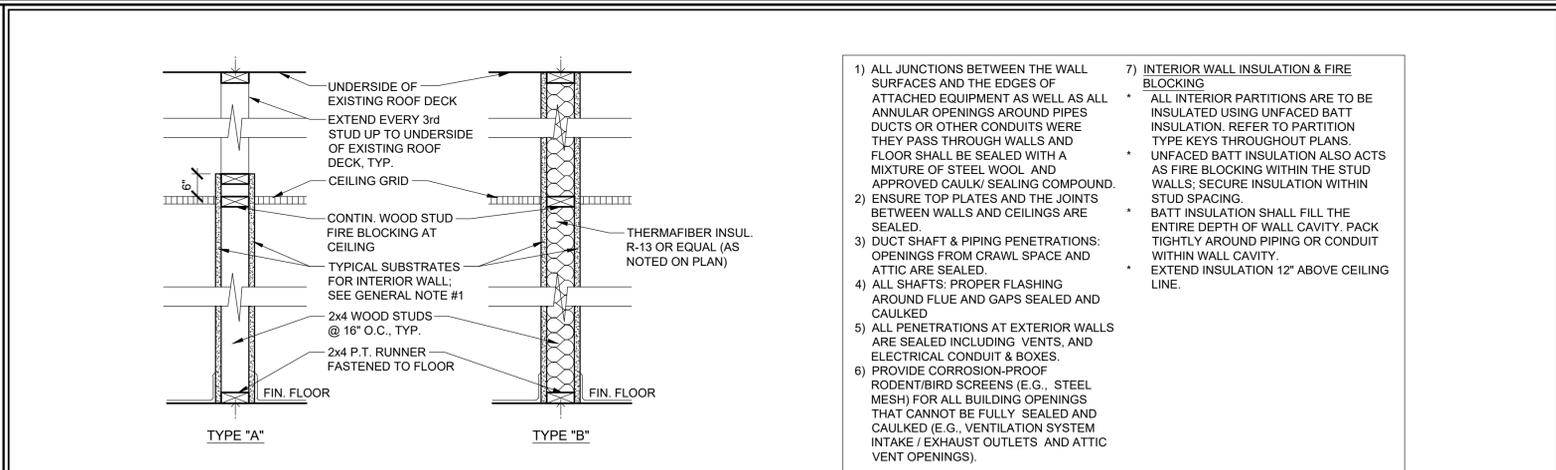


TABLE LEGEND



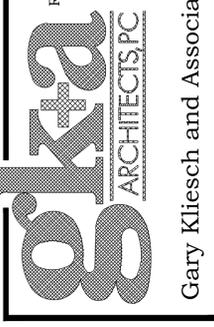
2 PARTITION TYPES

1" = 1'-0" NOTE:



- ALL JUNCTIONS BETWEEN THE WALL SURFACES AND THE EDGES OF ATTACHED EQUIPMENT AS WELL AS ALL ANNULAR OPENINGS AROUND PIPES DUCTS OR OTHER CONDUITS WERE THEY PASS THROUGH WALLS AND FLOOR SHALL BE SEALED WITH A MIXTURE OF STEEL WOOL AND APPROVED CAULK/ SEALING COMPOUND.
- ENSURE TOP PLATES AND THE JOINTS BETWEEN WALLS AND CEILINGS ARE SEALED.
- DUCT SHAFT & PIPING PENETRATIONS: OPENINGS FROM CRAWL SPACE AND ATTIC ARE SEALED.
- ALL SHAFTS: PROPER FLASHING AROUND FLUE AND GAPS SEALED AND CAULKED
- ALL PENETRATIONS AT EXTERIOR WALLS ARE SEALED INCLUDING VENTS, AND ELECTRICAL CONDUIT & BOXES.
- PROVIDE CORROSION-PROOF RODENT/BIRD SCREENS (E.G., STEEL MESH) FOR ALL BUILDING OPENINGS THAT CANNOT BE FULLY SEALED AND CAULKED (E.G., VENTILATION SYSTEM INTAKE / EXHAUST OUTLETS AND ATTIC VENT OPENINGS).
- INTERIOR WALL INSULATION & FIRE BLOCKING
 - ALL INTERIOR PARTITIONS ARE TO BE INSULATED USING UNFACED BATT INSULATION. REFER TO PARTITION TYPE KEYS THROUGHOUT PLANS.
 - UNFACED BATT INSULATION ALSO ACTS AS FIRE BLOCKING WITHIN THE STUD WALLS. SECURE INSULATION WITHIN STUD SPACING.
 - BATT INSULATION SHALL FILL THE ENTIRE DEPTH OF WALL CAVITY. PACK TIGHTLY AROUND PIPING OR CONDUIT WITHIN WALL CAVITY.
 - EXTEND INSULATION 12" ABOVE CEILING LINE.

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Rev. No.	Drawing Issues / Revisions	Date

N.J. AI 13332 NJCID: 21D00020000
 NY: 025618 CT: ARI0009367
 FL: AR95782 DE: SS-0007765
 WI: 11180-5 MD: 14129
 PA: RA-0151121B SC: 8935
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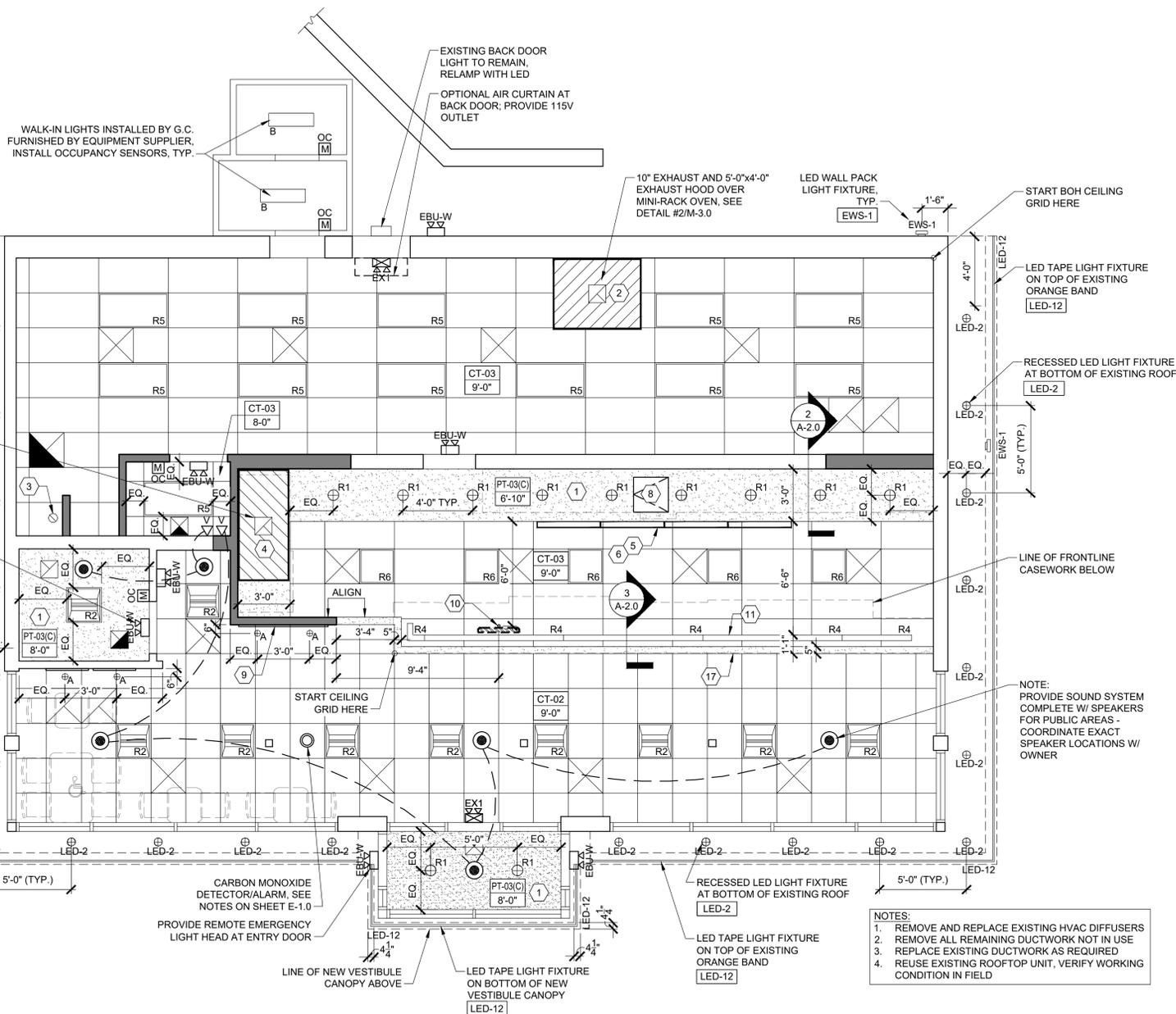
Gary Kliesch
A.I.A., NARB, NJCID

Proposed Alteration of:
DUNKIN'
 40 S. Route 9W
 West Haverstraw, NY
 PC #302235

OMNI

Drawing Title:
PROPOSED PLAN, NOTES,
LEGENDS, PARTITION TYPES

Date:	Dwg No.
08/17/21	A.1
Drawn By:	A.T.
Checked By:	C.F.
Job No:	19-242
	2 of 10



PLAN NOTES:

- GYPSUM WALL BOARD CEILING.
- HOOD FOR MINI-RACK OVEN; HOOD SHROUD IS OPTIONAL IF LOCAL JURISDICTION ALLOWS; EXHAUST FAN IS REQUIRED PER DBI STANDARDS.
- FLUE FOR HOT WATER HEATER.
- NEW LOCATION OF EXISTING EXHAUST HOOD FOR SANDWICH STATION WITH ROOF FAN REQUIRED PER DBI STANDARDS, FIELD VERIFY WORKING CONDITION, REPLACE MOTOR AS REQUIRED, HOOD TO HAVE DEMAND CONTROLS.
- DIGITAL MENU BOARDS TO BE CENTERED WITH POS STATION AT FRONT LINE; MAINTAIN 2" CLEARANCE BOTH ENDS OF SYSTEM FOR UNIT VENTILATION.
- ARCHITECT TO ENSURE THAT ADEQUATE DISTANCE IS MAINTAINED BETWEEN DIGITAL MENU BOARDS AND OTHER OBSTRUCTIONS SUCH AS LIGHTS, SPRINKLER HEADS, CAMERAS, AND TOASTER/OVEN. 36" MIN DISTANCE BETWEEN DMBS AND EACH OBSTRUCTION IS PREFERRED. LIGHTS PLACED TOO CLOSE TO DIGITAL MENUBOARD SYSTEM MAY CAUSE UNWANTED GLARE. HEAT FROM TOASTERS WILL LEAD TO SCREEN FAILURE.
- DIGITAL MENU BOARD (DMB) MINIMUM SOFFIT SIZE:
 - 4'-49" (DEFAULT SIZE) DIAGONAL BOARDS IS 176" L (14'-8") AND 26 1/2" H (2'-2 1/2")
 - 4'-43" DIAGONAL BOARDS IS 155" L (12'-11") AND 23 3/4" H (1'-11 3/4")
 - 4'-32" DIAGONAL BOARDS IS 118" L (9'-10") AND 19" H (1'-7")
- 24"x24" ACCESS PANEL - CENTER ON POS AT FRONT LINE.
- "HAVERSTRAW RUNS ON DUNKIN" PANEL ARTWORK - SEE INTERIOR ELEVATION #3 SHEET A-5.0.
- G.C. TO PROVIDE BLOCKING TO INSTALL CEILING MOUNT POLE AND BUTTERFLY MOUNT (PROVIDED BY VENDOR) FOR OPTIONAL ORDER STATUS BOARD. TELEHOOK TH-1040 WITH (1) SCREEN MOUNTING PLATE.
- SURFACE MOUNTED CUSTOM LIGHT BAR, SEE DETAIL #3/ SHEET A-2.0.
- HVAC DUCTWORK SHALL BE INSTALLED AS HIGH AS POSSIBLE OR 1" BELOW SERVICE AREA CEILING SOFFIT CONSTR.
- BOTTOM OF SUSPENDED LINEAR LED FIXTURES @ 10'-0" A.F.F. (FIXTURE P-1 AND P-2) - SEE DETAIL #3 SHEET A-2.1.
- PENDANT LIGHTS TO BE CENTERED ON COMMUNITY TABLE, MOUNTED @ 7'-6" A.F.F. - SEE DETAIL #4 SHEET A-3.0.
- TRACK LIGHT 'C' TO BE USED IN LIEU OF LIGHT FIXTURE 'A' WHEN ILLUMINATING ARTWORK WHERE CLG. ABOVE IS OPEN MOUNT @ 11'-0" A.F.F. (TYP.)
- SPEAKERS LOCATED @ OPEN CLG. TO BE MOUNTED UNDER BOTTOM CHORD OF ROOF TRUSS.
- FRONTLINE SOFFIT TO ALIGN WITH MILLWORK BELOW.
- "R1" LIGHT FIXTURES ABOVE FRONTLINE SOFFIT TO ALIGN WITH "R1" LIGHT FIXTURES AT BACKLINE SOFFIT (TYP.)

GENERAL NOTES:

- ALL INTERIOR & EXTERIOR LIGHTING TO BE LED (INCLUDING IN THE WALK-IN BOX). EFFECTIVE LIGHTING CONTROLS STANDARD THROUGHOUT. INTEGRATE OCCUPANCY SENSORS IN SPACES NOT ACTIVELY USED THROUGHOUT THE DAY INCLUDING: RESTROOMS, OFFICE, WALK-IN BOX, CONFERENCE ROOMS & CLOSETS.
- REFER TO MASTER FINISH SCHEDULE FOR CEILING FINISHES.
- OPEN CEILING IN SALES & SEATING AREA TO BE ALTERNATIVE OPTION.
- ALL DEVICES (DIFFUSERS, RETURNS, SMOKE DETECTORS, ETC.) TO MATCH CEILING. WHEN OPEN CEILING IS USED ALL PIPES AND DUCTS AND ALL OTHER ITEMS THAT ARE ON CEILING TO BE PAINTED TO MATCH CEILING.
- LAYOUT NOTES:
 - PROVIDE EMERGENCY LIGHTS & SMOKE DETECTORS AS REQUIRED BY LOCAL GOVERNING CODE.
 - ADD THE RH REMOTE WEATHER PROOF EMERGENCY HEAD (PRODUCT #Z1PB) TO THE EXTERIOR EGRESS DOORS IF REQUIRED BY CODE.
 - HOOD OVER SANDWICH STATION IS RECOMMENDED BUT NOT REQUIRED. ARCHITECT / ENGINEER MUST REVIEW LOCAL CODES TO DETERMINE WHETHER A HOOD IS REQUIRED. IF A HOOD IS NOT USED IT IS REQUIRED THAT AN EXHAUST GRILL BE PLACED IN THE CEILING ABOVE THE SANDWICH STATION. IF NO EXHAUST IS PROVIDED AT THE SANDWICH STATION THE FRP PANELS AND / OR DIGITAL MENU BOARDS COULD BE AFFECTED BY THE HEAT FROM THE SANDWICH STATION.
 - MUSIC SYSTEM NOTES: THE MUSIC SYSTEM IS A REQUIREMENT OF THE BRAND.
 - MUSIC SYSTEM IS REQUIRED IN ALL NEW AND REMODEL STORES. ALL CEILING SPEAKERS TO BE FLUSH MOUNTED @ GYP. BOARD CLG. & ACT CLG. SPEAKERS @ OPEN CEILING TO BE MOUNTED ON LOWER CHORD OF ROOF TRUSSES ALL INTERIOR SPEAKERS TO MATCH SURFACE IT IS MOUNTED ON. ALL EXTERIOR SPEAKERS TO BE BLACK, WITH EXTERIOR GRADE CONSTRUCTION.
 - ONE SPEAKER IN EACH RESTROOM. FLUSH MOUNT.
 - A MINIMUM OF TWO SPEAKERS IN THE SEATING AREA NO SPEAKERS IN THE SERVICE AREA.
 - A MINIMUM OF TWO SPEAKERS AT EXTERIOR SEATING AREAS WHERE APPLICABLE.
 - SPEAKER AT EXTERIOR OF BUILDING ADJACENT TO ENTRY.
 - PROVIDE AND INSTALL SEPARATE VOLUME CONTROLS FOR EACH AREA (RESTROOMS, SEATING AREA, EXTERIOR).
 - HARDWARE TO BE INSTALLED IN THE OFFICE. FIELD VERIFY AND COORDINATE WITH FRANCHISE FOR THE EXACT LOCATION OF THE UNIT AND VOLUME CONTROLS.

LIGHTING SCHEDULE - VILLA LIGHTING

CODE	DESCRIPTION	MANUFACTURER	PRODUCT
A	WALL WASH FIXTURE - TO BE USED AT ARTWORK AND LROD SIGN	CONTECH	RL20SA3-35K-12-D/CTR202CLR-P
B	PROVIDED BY WALK-IN BOX MANUF.	VARIES	VARIES
C	TRACK LIGHT & HEAD - USED @ WALL W/ART WORK AND WHERE CEILING IS OPEN	JUNO	R600L-35K-FL
EBU-W	ULTRA COMPACT LED EMERGENCY UNIT (WHITE)	EXITRONIX	EBU-W-LED-51-52
EBU-B	ULTRA COMPACT LED EMERGENCY UNIT - USED ON W-02 WALL ONLY (BLACK)	EXITRONIX	EBU-B-LED-51-52
EMR	EXTERIOR COMBO LED REMOTE EXIST LIGHT HEAD - USED ABOVE OR ADJACENT TO EXIT DOORS (GRAY)	EXITRONIX	MLED-2-G-WP
EWS-1	WALL PACK (GRAY) EXTERIOR - USED ON DARK WALL FINISH	WAC	WP-LED227-30-AGH
EWS-2	WALL PACK (WHITE) EXTERIOR - USED ON LIGHT WALL FINISH	WAC	WP-LED227-30-AWT
G	WALL PACK - ABOVE SERVICE DOOR	COOPER	XTOR3A
EX1	COMBO LED EXIT SIGN W/ LIGHT HEADS (WHITE)	EXITRONIX	VLED-U-WH-EL90
BL	BATHROOM SCIENCE	LUMENIA	LLW260D3K-SN
LED 2	EXTERIOR RECESSED LIGHT FIXTURE - USED UNDER ORANGE BEAM CANOPY	LUMARK	XTOR2B-W
LED 11	NOT USED		
LED 12	EXTERIOR LIGHT FIXTURE - USED ON TOP OF CHARCOAL TRIM AND FIELD FRAMED ORANGE BEAM	SOLID STATE LUMINARIES SOLUTIONS OF LIGHTING	SSL-LSSL-5165-400 LUMENS
LED 13	EXTERIOR LIGHT FIXTURE - USED ON TOP OF AND ON THE UNDERSIDE OF THE ORANGE BEAM WHEN USING THE PREFAB VENDOR		TO BE PROVIDED BY PREFAB ORANGE BEAM VENDOR
LED 14	EXTERIOR LIGHT FIXTURE - ACCENT LIGHT USED ON TOP OF CHARCOAL TRIM AT BASE OF MONOLITH ONLY	LED POWER	HB308-48"41K-15D-AC
OC	WALL MOUNTED OCCUPANCY SENSOR	WATTSTOPPER	WS-250-W
P1	6' SUSPENDED LINEAR LIGHT FIXTURE - USED IN SEATING/SALES AREA	TEXAS FLUORESCENTS	SES-FR-96L-S62W/6200L-DMW-35K-BK
P2	4' SUSPENDED LINEAR LIGHT FIXTURE - USED IN SEATING/SALES AREA	TEXAS FLUORESCENTS	SES-FR-48L-S62W/3100L-DMW-35K-BK
P3	PENDANT CHANDELIER - USED ABOVE COMMUNITY TABLE	TECH LIGHTING	700TD-ALVPMCO-OS-LED930
PKL3	PARKING LOT LIGHTING	COOPER LIGHTING	LUMARK PRV-PREVAL PRV-A40-LIN-T3-SA-BZ
PKL4	PARKING LOT LIGHTING	COOPER LIGHTING	LUMARK PRV-PREVAL PRV-A40-LIN-T4-SA-BZ
R1	RECESSED LED LIGHT FIXTURE	CREE	RC6/CR6T-1600L-35K
R2	2X2 LAY-IN TROFFER LED LIGHT FIXTURE, USED IN FRONT OF	CREE	CR22-32L-35K-S-HD
R3	4' LED ADJ DOWNLIGHT, 400K, 200 LUMEN	NORA	NCH436-L20-40-D-SF
R4	LED LINEAR LIGHT BAR - USED ABOVE FRONT LINE (NOTE: AVAILABLE IN INCREMENTS OF 1FT WITH A 1FT/1FT CORNER)	PINNACLE ARCHITECTURAL LIGHTING	EX3D-A-N-835VHO-8-S/AC120S2
R5	2X4 LAY-IN LED LIGHT FIXTURE, USED IN BACK OF HOUSE	LSI	SFP24-LED-50-LE-DIM35-U
R6	2X2 LAY-IN LED LIGHT FIXTURE, USED OVER SERVICE AREA - REMODELS ONLY	LSI	SFP22-LED-UE-30-DIM35-U
R7	2X4 LAY-IN TROFFER LED LIGHT FIXTURE, USED IN FRONT OF HOUSE - REMODELS ONLY	CREE	CR24-40L-35K-S-HD
WSCX-2	EXTERIOR SIGN LIGHT FIXTURE - USED AT ACCENT PANELS	H-LITE MFG INC.	H-HDMR16/18-1-119/MR16A1D1C233010T-10-S1

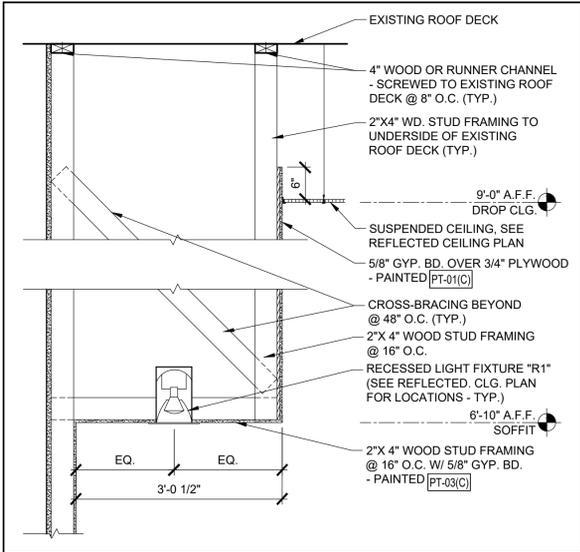
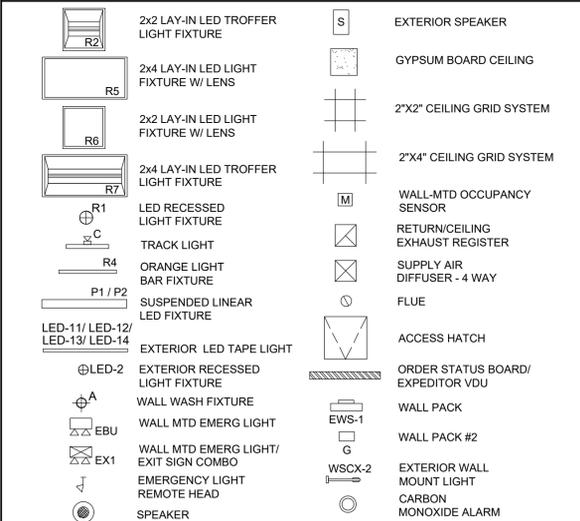
LIGHTING SCHEDULE NOTES

- PROVIDE ALL FIXTURES COMPLETE WITH LAMPS. REF. NATIONAL ACCOUNT SOURCE INFO FOR LAMP SPECS & VILLA LIGHTING RE-LAMPING PROGRAM.
- ALL BALLASTS SHALL BE HIGH POWER FACTOR.
- PROVIDE HOLD-DOWN CLIPS FOR EACH CORNER OF FLUORESCENT GRID TROFFERS.
- COORDINATE AND VERIFY ALL FIXTURE INFORMATION, TYPES AND FINAL LOCATIONS WITH THE REFLECTED CEILING PLAN.
- LAMPS SHALL BE AS MANUFACTURED BY SYLVANIA, WESTINGHOUSE, GENERAL ELECTRIC OR APPROVED EQUAL.

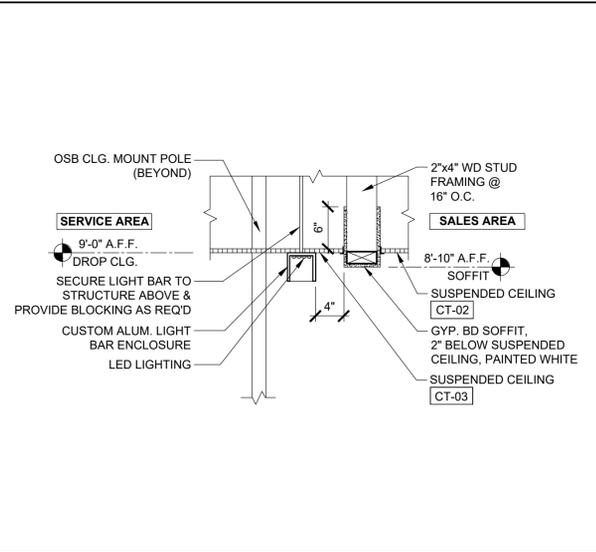
1 REFLECTED CEILING PLAN

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

CEILING LEGEND:

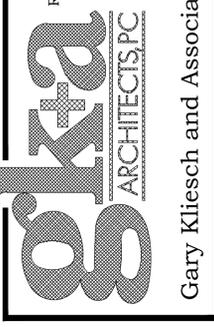


2 SOFFIT DETAIL @ BACKLINE
3/4" = 1'-0" NOTE:



3 SECTION @ SOFFIT ABOVE FRONT LINE
1" = 1'-0" NOTE:

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Rev. No.	Drawing Issues / Revisions	Date

Gary Kliesch
A.L.A., N.A.A.B., N.C.I.D.

N.J.: AI 13332
N.Y.: 025618
FL: AR95782
WI: 11180-5
PA: RA-015121B SC: 8935
D.C.: ARC101838 MA: 10810
VA: RA 013883
VA: 401016373
NC: 11736 WY: 4569 NH: 04487

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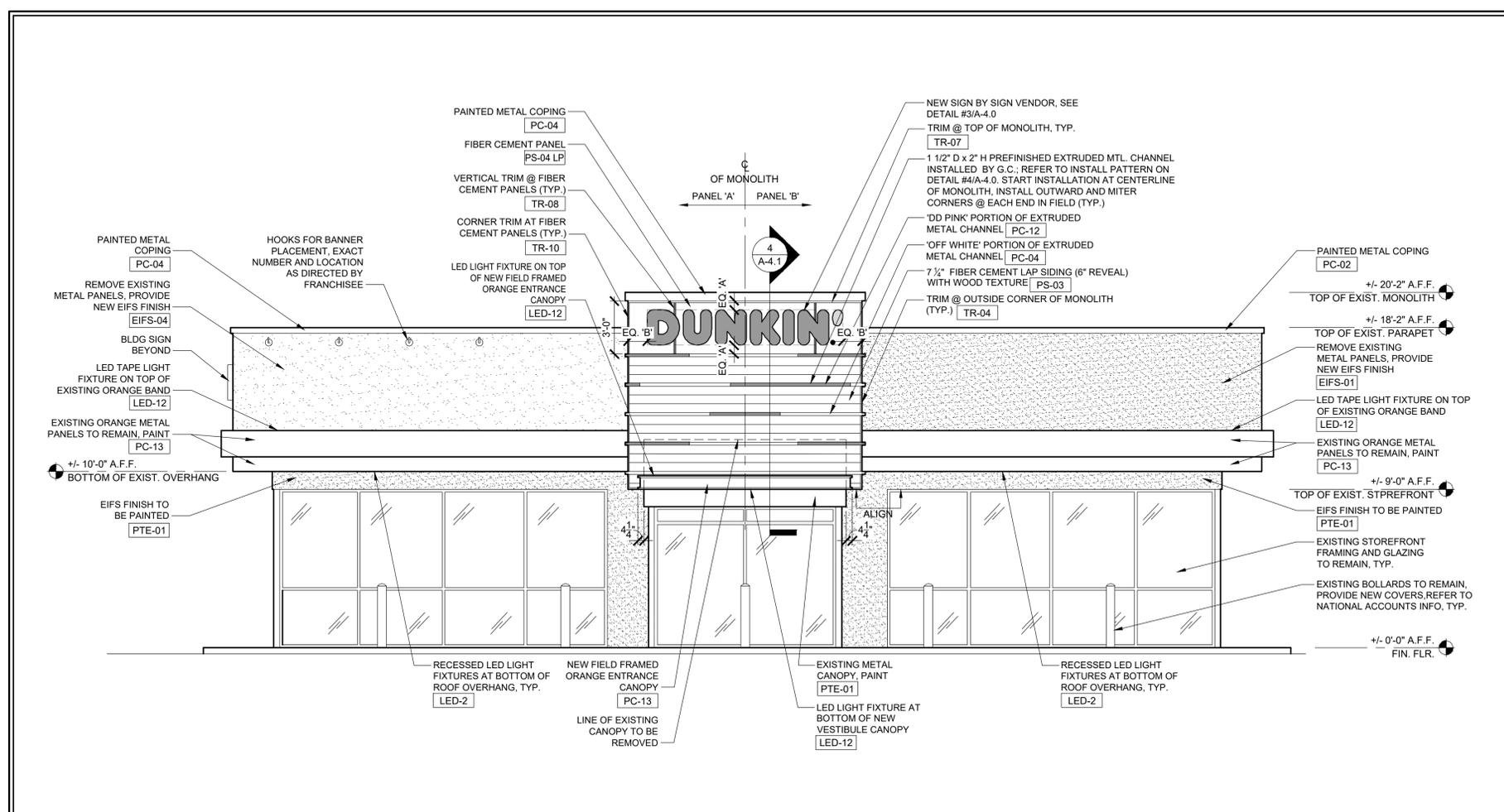
DUNKIN'

40 S. Route 9W
West Haverstraw, NY
PC #302235

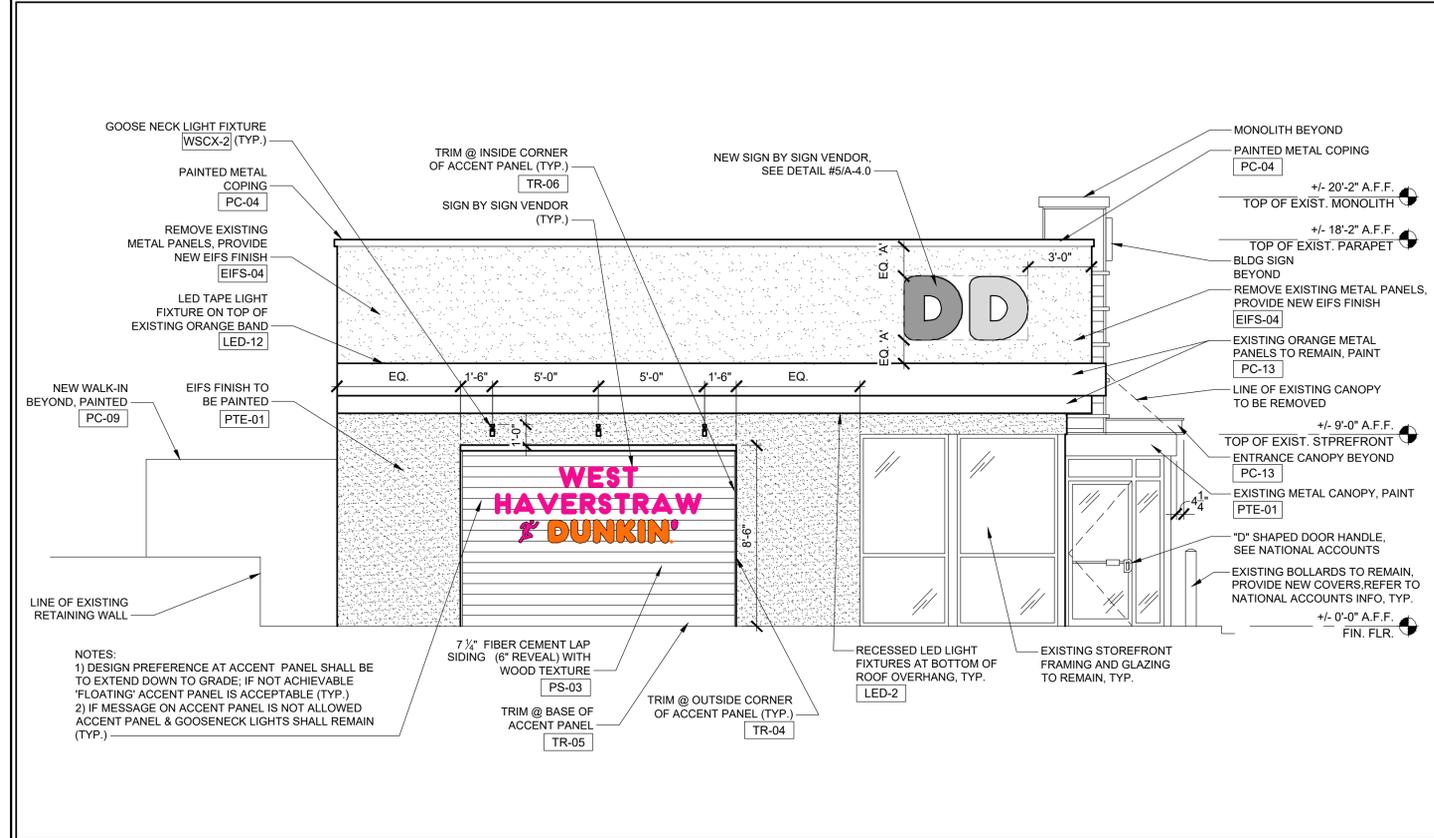
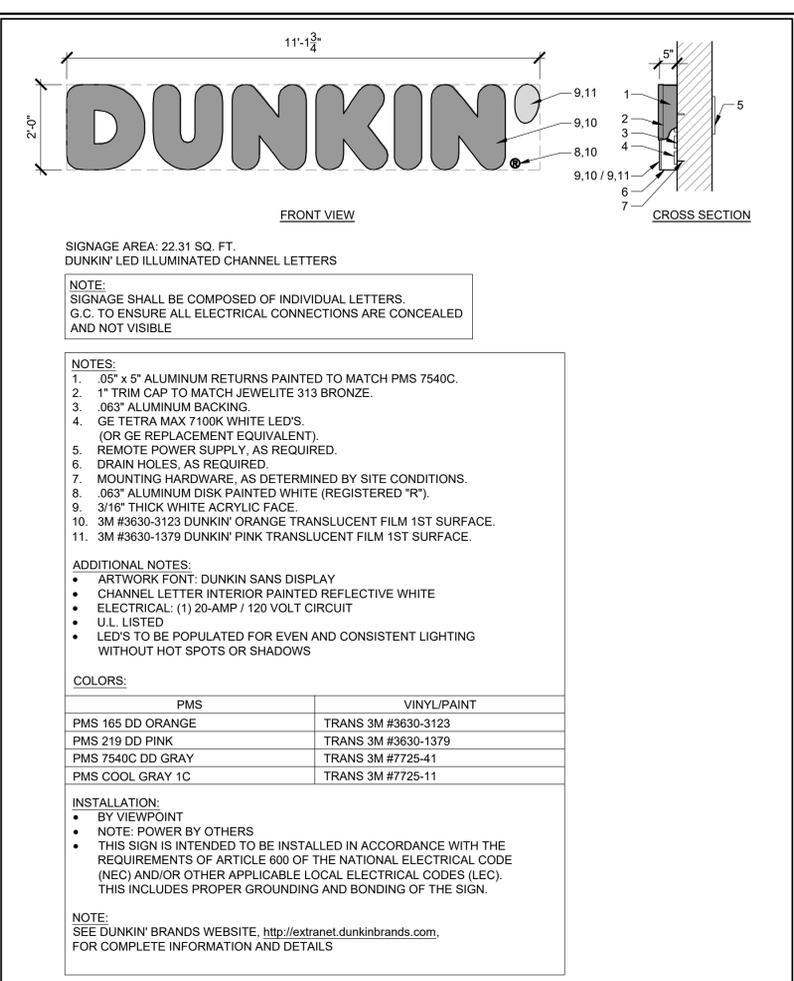
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Drawing Title:
REFLECTED CEILING PLAN,
NOTES, LIGHTING SCHEDULE,
LEGEND, DETAILS

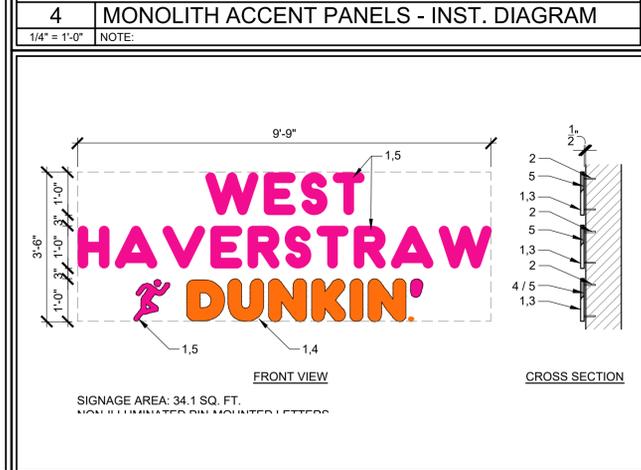
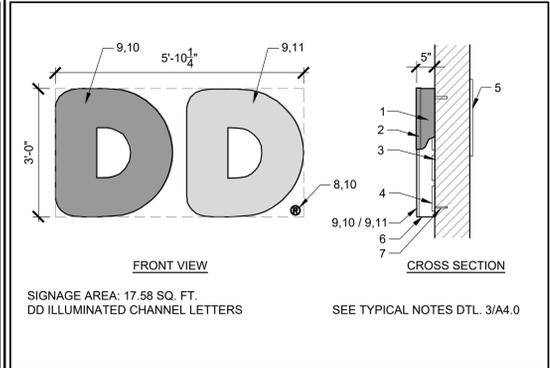
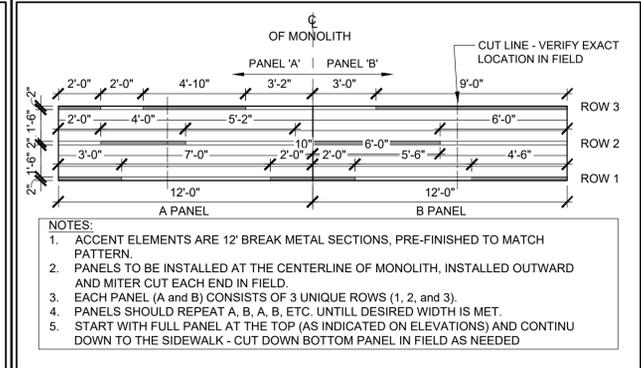
Date:	Dwg No.
08/17/21	A.T.
Drawn By:	Checked By:
A.T.	C.F.
Job No:	3 of 10
19-242	



1 PROPOSED SOUTH ELEVATION
 1/4" = 1'-0" NOTE:



2 PROPOSED WEST ELEVATION
 1/4" = 1'-0" NOTE:



5 DD SIGN DETAIL
 1/2" = 1'-0" NOTE:

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 ARCHITECTS PC

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Rev. No.	Drawing Issues / Revisions	Date

NJ: AI 13332
 NY: 029618
 FL: AR95782
 WI: 11180-5
 PA: RA-01511218 SC: 8935
 D.C.: ARC101888 MA:10810
 GA: RA 019883 MI: 1301064135
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Gary Kliesch
 A.I.A., N.A.A.S.P., N.C.I.B.

Proposed Alteration of:

DUNKIN'

40 S. Route 9W
 West Haverstraw, NY
 PC #302235

OMNI

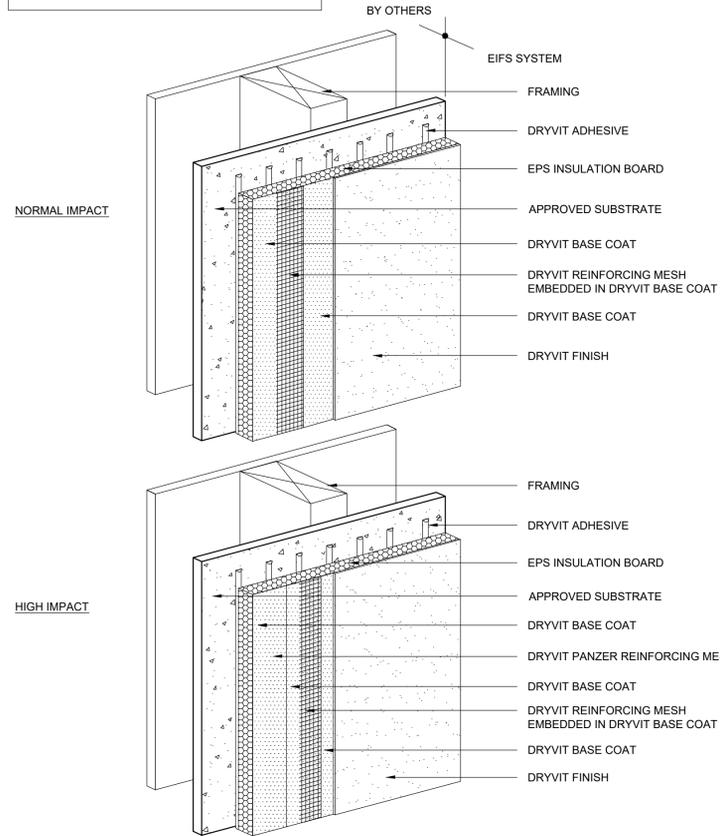
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 EXTERIOR ELEVATIONS, BUILDING SIGN DETAILS, MONOLITH ACCENT PANELS INSTALLATION DIAGRAM

Date: 08/17/21
 Dwg No. A.4.0

Drawn By: A.T.
 Checked By: C.F.

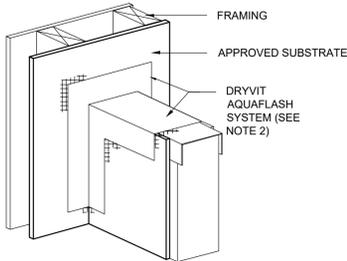
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 5 of 10

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER MESH PRIOR TO STANDARD OR STANDARD PLUS MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.

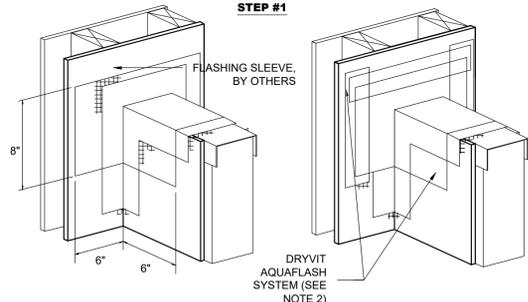


EIFS APPLICATION

NOTE:
1. DRYVIT FLASHING TAPE SURFACE CONDITIONER AND DRYVIT FLASHING TAPE MAY BE USED IN LIEU OF DRYVIT AQUAFASH SYSTEM.



STEP #1

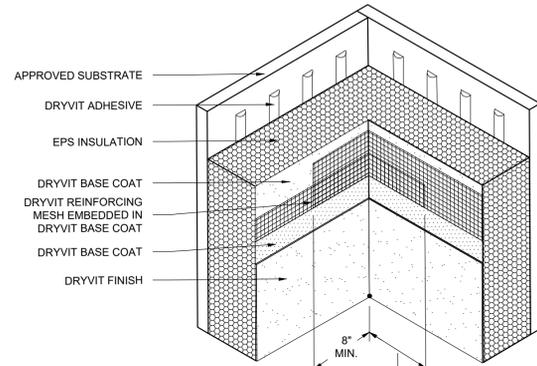


STEP #2

STEP #3

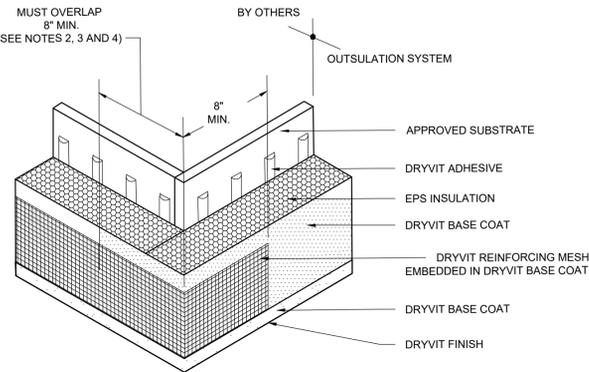
EIFS PREPARATION AT PARAPET/WALL INTERSECTION

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER® MESH PRIOR TO STANDARD™ OR STANDARD PLUS™ MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.
2. DOUBLE WRAP OUTSIDE CORNERS WITH REINFORCING MESH OR USE CORNER MESH.
3. DO NOT LAP REINFORCING MESH WITHIN 8" OF A CORNER.
4. OUTSIDE INSULATION BOARD EDGES SHALL BE OFFSET.



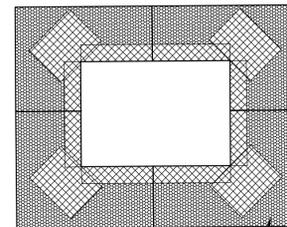
MUST OVERLAP 8" MIN. SEE NOTE 3

MUST OVERLAP 8" MIN. (SEE NOTES 2, 3 AND 4)

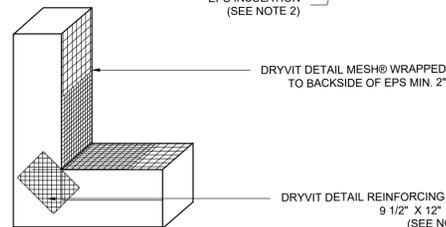


EIFS DETAIL @ INSIDE/ OUTSIDE CORNERS

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER MESH PRIOR TO STANDARD™ OR STANDARD PLUS MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.
2. LOCATE INSULATION BOARDS SUCH THAT BOARD EDGES DO NOT ALIGN WITH CORNERS OF PENETRATION.
3. APPLY A PIECE OF 9 1/2" X 12" DETAIL REINFORCING MESH DIAGONALLY AT EACH CORNER.



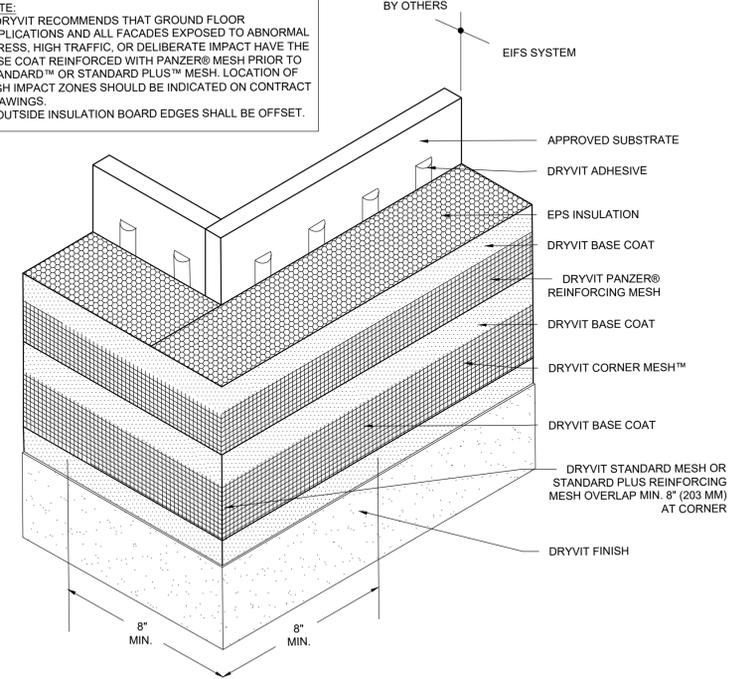
EPS INSULATION (SEE NOTE 2)



DRYVIT DETAIL REINFORCING MESH 9 1/2" X 12" (TYP.) (SEE NOTE 3)

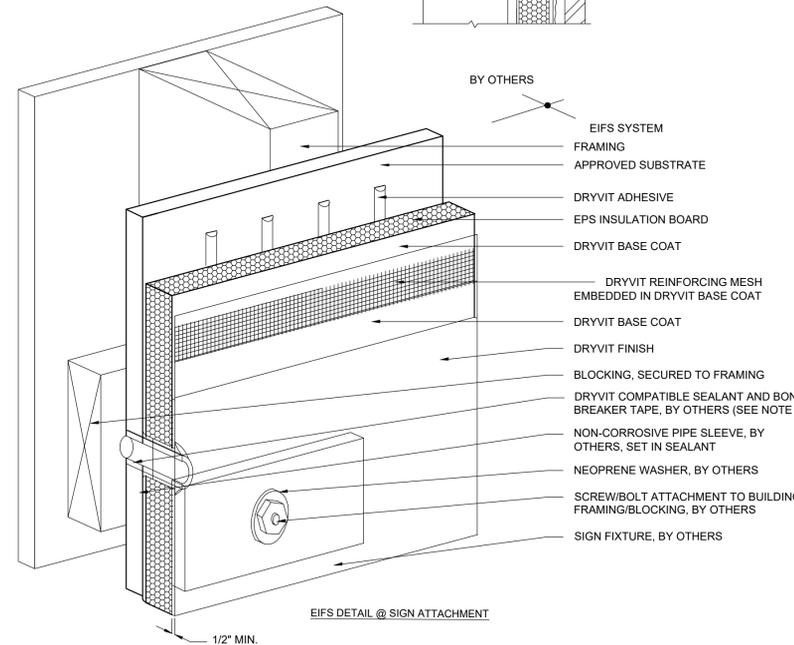
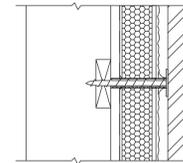
EIFS DETAIL - EPS PREPARATION AT WALL PENETRATIONS

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER® MESH PRIOR TO STANDARD™ OR STANDARD PLUS™ MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.
2. OUTSIDE INSULATION BOARD EDGES SHALL BE OFFSET.



EIFS DETAIL @ OUTSIDE CORNER - HIGH IMPACT

NOTE:
1. DRYVIT RECOMMENDS THAT GROUND FLOOR APPLICATIONS AND ALL FACADES EXPOSED TO ABNORMAL STRESS, HIGH TRAFFIC, OR DELIBERATE IMPACT HAVE THE BASE COAT REINFORCED WITH PANZER MESH PRIOR TO STANDARD OR STANDARD PLUS MESH. LOCATION OF HIGH IMPACT ZONES SHOULD BE INDICATED ON CONTRACT DRAWINGS.
2. PERIMETER OF PIPE SLEEVE IS CAULKED TO PREVENT WATER ENTRY INTO WALL.



EIFS DETAIL @ SIGN ATTACHMENT

1 EIFS DETAILS
NTS NOTE:

Rev. No.	Drawing Issues / Revisions	Date

NJ: AI 13332	NJCID: 21D00029000	<p>Gary Kliesch A.I.A., NCAARB, NJCID</p>
NY: 029618	CT: ARI0009367	
FL: AR95762	DE: SS-0007765	
WI: 11180-5	MD: 14129	
PA: RA-015124B	SC: 8935	
D.C.: ARC101838	MA: 10610	
GA: RA 019863	MI: 1301064135	
VA: 401016373	IL: 001.023586	
NC: 11736	WV: 4569	NH: 04487

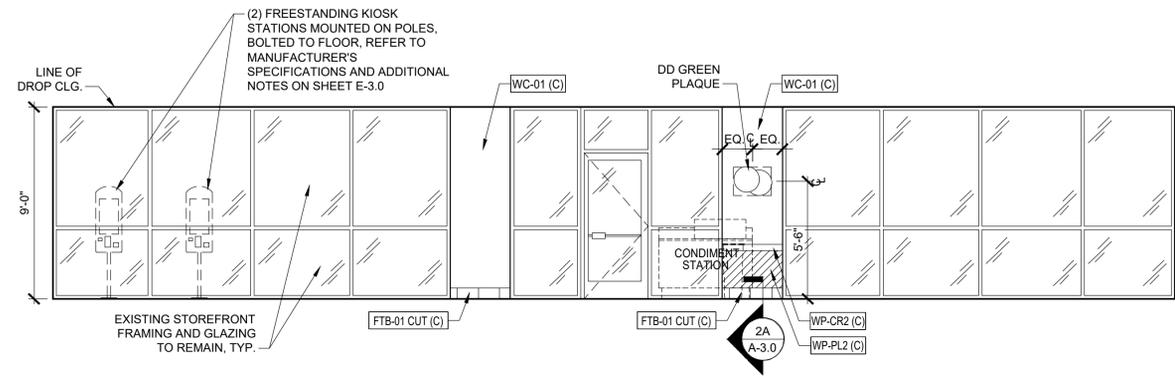
Proposed Alteration of:

DUNKIN'

40 S. Route 9W
West Haverstraw, NY
PC #302235

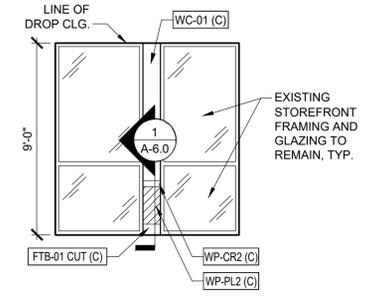
OMNI

Drawing Title: EIFS DETAILS	
Date: 08/17/21	Dwg No. A.4.2
Drawn By: A.T.	
Checked By: C.F.	
Job No: 19-242	7 of 10



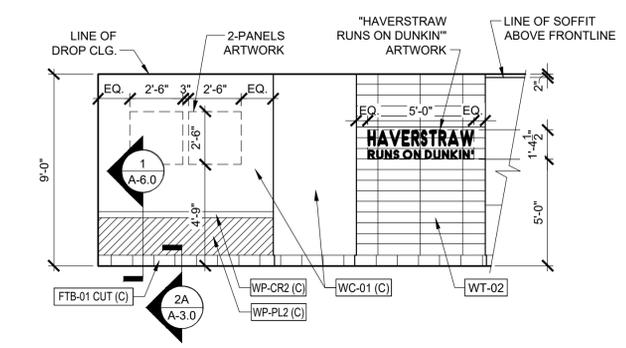
1 INTERIOR ELEVATION @ SALES/ SEATING AREA

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



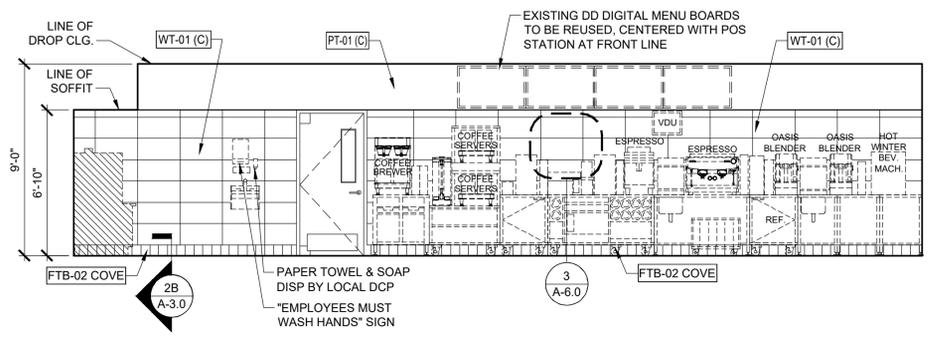
2 INTERIOR ELEVATION @ SEATING AREA

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



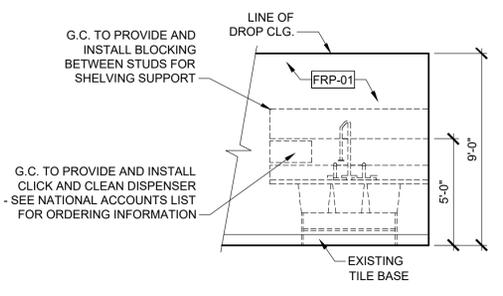
3 INTERIOR ELEVATION @ SEATING AREA AND HALL

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



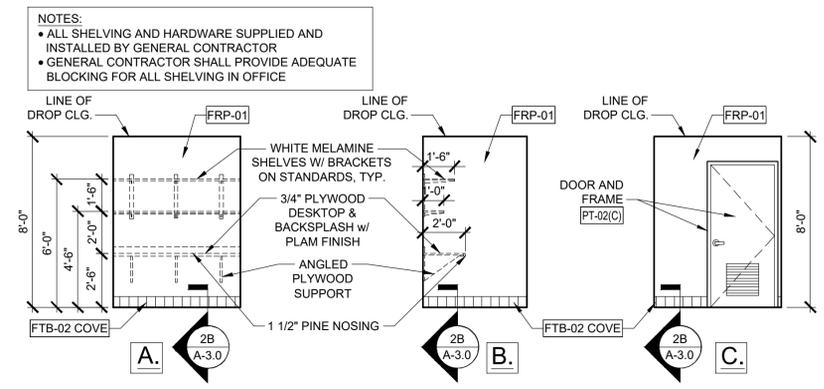
4 INTERIOR ELEVATION @ SERVICE AREA

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



5 INTERIOR ELEVATION @ 3-BAY SINK

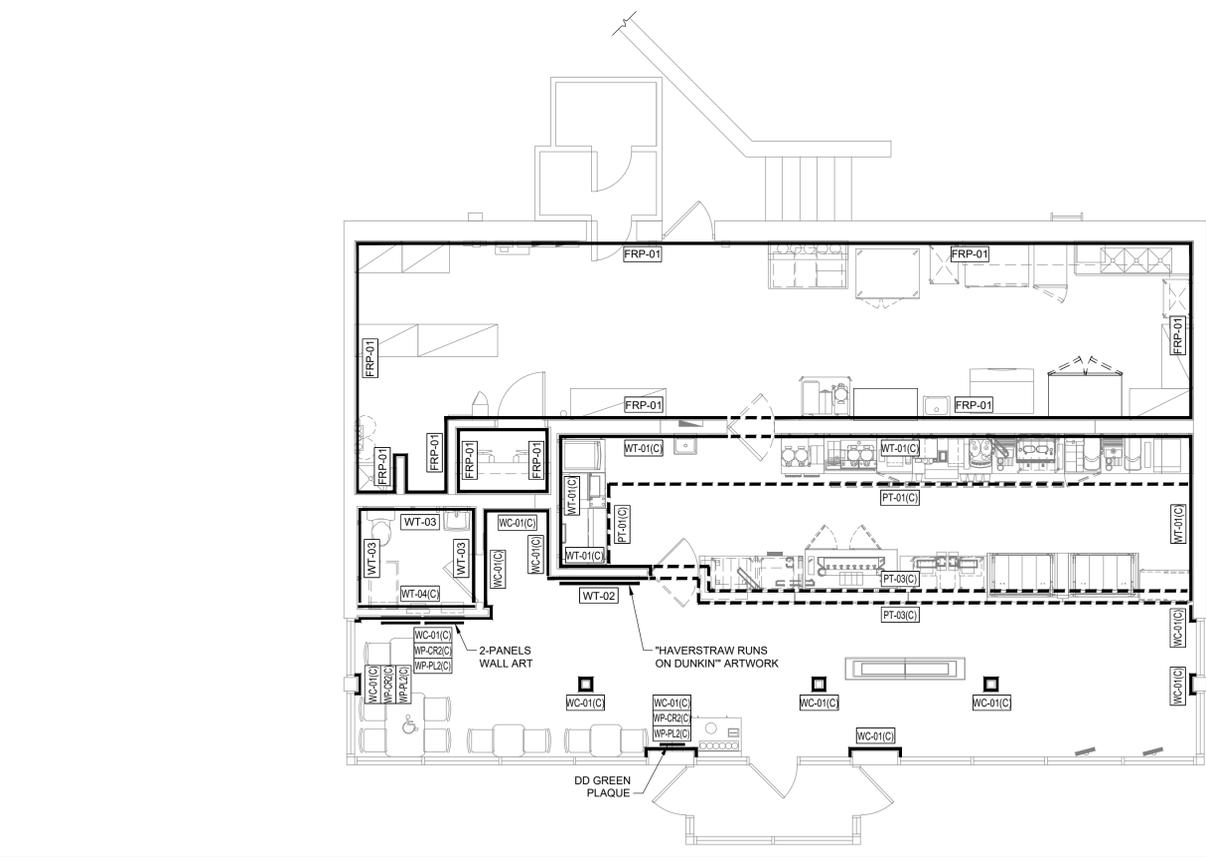
1/4" = 1'-0" NOTE:



6 INTERIOR ELEVATION @ 3-BAY SINK

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

NOTES:
 • ALL SHELVING AND HARDWARE SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR
 • GENERAL CONTRACTOR SHALL PROVIDE ADEQUATE BLOCKING FOR ALL SHELVING IN OFFICE



7 WALL FINISH PLAN

NO SCALE NOTE:

--- SOFFIT PAINT/
 WALLCOVER
 --- WALL PAINT/
 WALLCOVER

Rev. No.	Drawing Issues / Revisions	Date

NJ: AI 13332	NJ/CID: 21D00029000
NY: 025618	CT: ARI0009367
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D.C.: ARC101838	MA: 10610
GA: RA 019863	MI: 1301064135
VA: 401016373	IL: 001.0235866
NC: 11736	WV: 4569
	NH: 04487

Gary Kliesch
 A.I.A., N.A.A.S.P., N.C.I.B.

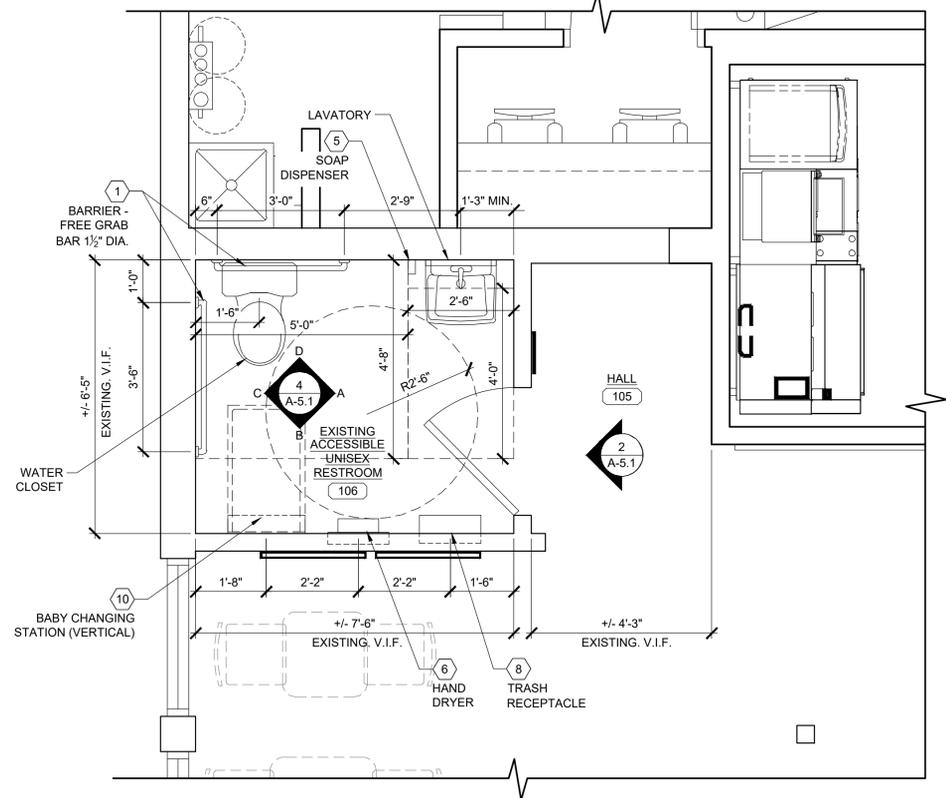
Proposed Alteration of:

DUNKIN'

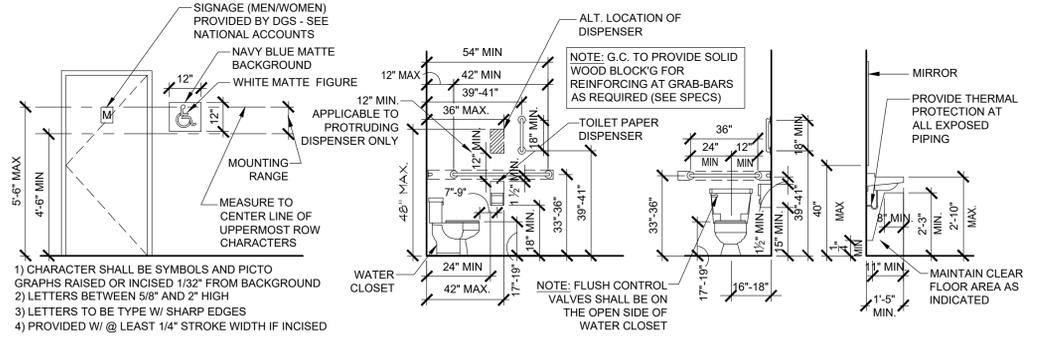
40 S. Route 9W
 West Haverstraw, NY
 PC #302235

OMNI

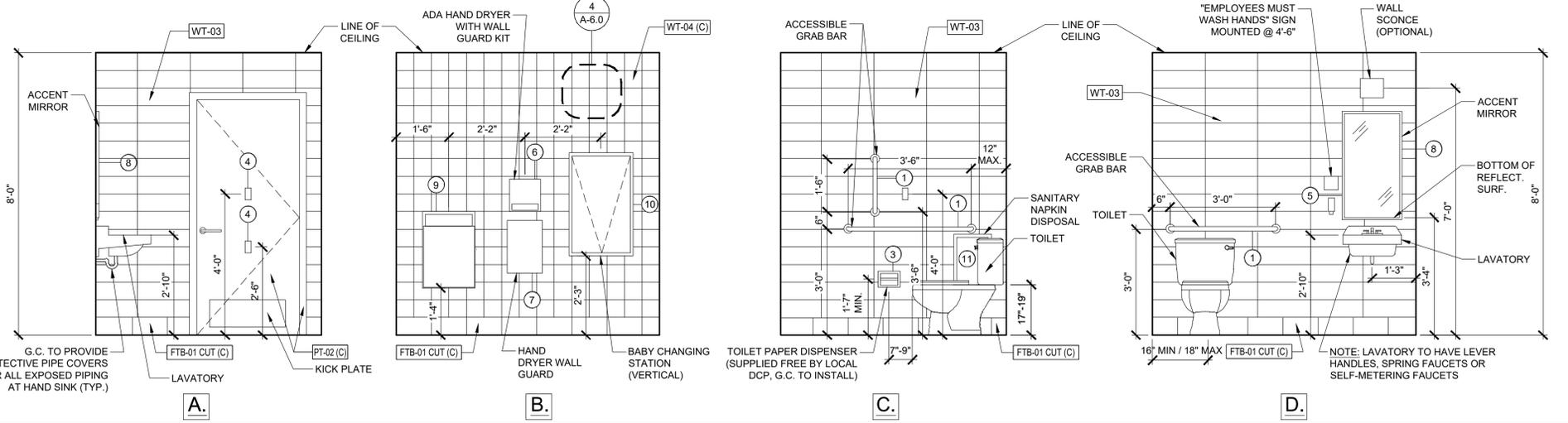
Drawing Title: INTERIOR ELEVATIONS, WALL FINISH PLAN	
Date: 08/17/21	Dwg No. A.5.0
Drawn By: A.T.	
Checked By: C.F.	
Job No: 19-242	8 of 10



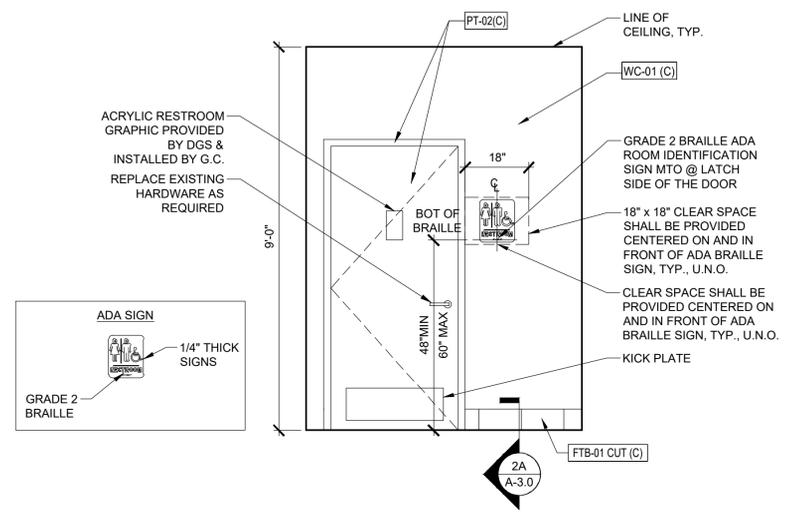
1 ENLARGED RESTROOM PLAN
1/2" = 1'-0" NOTE:



3 ACCESSIBILITY DETAILS
1/4" = 1'-0" NOTE:



4 INTERIOR RESTROOM ELEVATIONS
1/2" = 1'-0" NOTE:



2 INTERIOR ELEVATIONS @ HALL
1/2" = 1'-0" NOTE:

ADA NOTES:

THE GENERAL CONTRACTOR SHALL ACQUAINT HIMSELF WITH THE BARRIER FREE REQUIREMENTS FOR THE APPLICABLE STATES AND THE AMERICAN DISABILITIES ACT (ADA) AND SHALL ENSURE THAT THIS FACILITY WILL BE ACCESSIBLE ACCORDING TO THE STRICTER REQUIREMENTS OF THE APPLICABLE STANDARDS. THE FOLLOWING IS A PARTIAL LIST OF REQUIREMENTS.

- DOOR HARDWARE SHALL BE MOUNTED BETWEEN 36" AND 42" ABOVE FLOOR AND BE LEVER TYPE.
- TOILETS:
 - LAVATORY TO HAVE LEVER HANDLES, SELF METERING FAUCETS OR SPRING FAUCET. FAUCETS SHALL BE SET TO REMAIN OPEN FOR 10 SECONDS MINIMUM.
 - A COAT HOOK 48" ABOVE THE FLOOR SHALL BE MOUNTED ADJACENT TO THE BARRIER FREE STALL DOOR.
 - LOCATE THE WATER CLOSET 16" TO 18" FROM THE CENTER LINE OF THE FIXTURE TO THE WALL. THE SEAT WILL BE 17" TO 19" ABOVE THE FLOOR TO THE TOP OF SEAT. FLUSH HANDLE TO BE ON EXPOSED SIDE OF WATER CLOSET.
 - PROVIDE ONE 42" AND ONE 36" LONG x 1 1/2" OUTSIDE DIAMETER PEENED GRAB BARS, 1 1/2" FROM THE WALL WITH ONE BEHIND AT 12" FROM CENTER LINE OF WATER CLOSET ON ONE SIDE. ONE ADJACENT TO AT 12" FROM THE WALL 33"-36" PARALLEL TO AND ABOVE THE FLOOR.
 - LAVATORY TO BE MOUNTED 34" MAX. ABOVE THE FINISHED FLOOR TO RIM WITH KNEE SPACE OF 30" IN WIDTH AND 27" IN CLEAR HEIGHT. (29" CLEAR UNDER FRONT EDGE)
 - INSTALL MIRROR 40" MAX. ABOVE THE FINISHED FLOOR TO BOTTOM EDGE OF REFLECTING SURFACE (MIRROR GLASS BOTTOM) AND 72" TO TOP.
 - DISPENSERS TO BE MOUNTED A MAXIMUM OF 42" ABOVE THE FLOOR TO ALL OPERATING OR DISPENSING SLOTS.
 - TOILET PAPER DISPENSERS MOUNTED 19" MIN. TO CENTER LINE ABOVE THE FLOOR AND 7" MINIMUM AND 9" MAXIMUM FROM FRONT EDGE OF WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER

RESTROOM EQUIPMENT SCHEDULE

CODE	ITEM	MANUFACTURER & PRODUCT #	MOUNTING HEIGHT	REMARKS
1	GRAB BARS	ASI 370 1-18P (18"), -36P (36") & -42P (42")	36" MAX. A.F.F.	NOTE C
2	SWING-UP GRAB BAR	BOBRICK #B-4988.99	SEE INSTALLATION INSTRUCTIONS	NOTE C, INSTALL WHEN REQUIRED
3	TOILET PAPER HOLDER	KC PROFESSIONAL 09551	20" BOT OF UNIT, SURFACE MOUNTED	
4	COAT HOOK	ASI0751	48" A.F.F., MOUNTED ON DOOR	
5	SOAP DISPENSER	DERMA FOAME-KAY CHEMICAL COMPANY		NOTE A, C
6	AUTOMATIC HAND DRYER	"WORLD VERDOR" Q974-A - WHITE OR Q973-A - STAINLESS OR "EXCEL" XLERATOR THIN AIR TA-SI WG - WHITE OR TA-SI WG - STAINLESS		NOTE A, C & E
7	HAND DRYER WALL GUARD	WORLD		NOTE F
8	MIRROR (18"x30")	ASI0220-2436	40" A.F.F. TO BOTTOM	NOTE C
9	TRASH RECEPTACLE	ASI0458	41" A.F.F. TO OPENING FOR ADA	
10	BABY CHANGING STATION	ASI 9012 HORIZONTAL OR ASI 9015 VERTICAL	27" TO BOTTOM OF UNIT	NOTE C
11	SANITARY NAPKIN DISPOSAL	ASI0852	24" TO TOP OF UNIT	WOMEN'S RESTROOM ONLY
12	SEAT COVER DISPENSER (OPTIONAL)	ASI0477 SM		(OPTIONAL)
13	WALL SHELF	ASI0892-516 (5"x16")	42" A.F.F. FOR ADA, NOTE C	(OPTIONAL)

NOTES

NOTE A: OPERATING CONTROLS OF ALL HAND DRYERS, SOAP DISPENSERS AND MULTIPURPOSE UNITS TO BE 42" A.F.F.

NOTE B: G.C. TO FIELD VERIFY ALL SIZES

NOTE C: PROVIDE BLOCKING FOR ALL WALL MOUNTED FIXTURES AND ACCESSORIES

NOTE D: TOILET TISSUE & PAPER TOWEL DISPENSERS SUPPLIED FREE FROM LOCAL DCP, INSTALLED BY G.C.

NOTE E: HAND DRYER TO BE ORDERED FROM NATIONAL ACCOUNT SUPPLIER AND IS REQUIRED TO HAVE STANDARD DBI GREEN MESSAGING/BRANDING.

NOTE F: AVAILABLE WITH HAND DRYER. CAN BE PURCHASED SEPARATELY (FOR REMODELS).

RESTROOM EQUIPMENT LIST

ALTERNATE HANDS FREE TOILET EQUIPMENT IS AVAILABLE FOR OPTIONAL USE IN RESTROOMS

WALL MOUNTED LAVATORY: LUCERNE BY AMERICAN STANDARD #0355.012

AUTOMATIC FAUCET (STANDARD): SLOAN #ET-F500-B-BDT, (W/ TRANSFORMER #EL-154 AND 0.5 GPM AERATOR #ETE-F1024-A.

TANK TOILET (STANDARD): AMERICAN STANDARD CADET PRO RIGHT THE LIGHT ELONGATED 1.28 GPF #215AA.104 (LEFT TRIP) #215AA.105 (RIGHT TRIP)

PRESSURE-ASSIST OPTION: AMERICAN STANDARD CADET FLOWEIGHT WIGHTHEIGHT ELONGATED, PRESSURE ASSIST 1.1 GPF #2467.00 (LEFT TRIP) #2467.00X (SPECIFY RIGHT TRIP)

TANKLESS TOILET (OPTIONAL): AMERICAN STANDARD MADERA FLOWEISE ELONGATED, 1.28 GPF #3043.001

MANUAL FLUSH (STANDARD): SLOAN REGAL 111.128 (3780048) FLUSHOMETER

AUTOMATIC FLUSH (OPTIONAL): SLOAN #111-1.28 (3790071) EXPOSED, BATTERY POWERED, SENSOR ACTIVATED DUAL FLUSH FLUSHOMETER

URINAL: AMERICAN STANDARD WASHBROOK FLOWEISE 0.5 GPF HIGH EFFICIENCY URINAL #6590.001

MANUAL FLUSH (STANDARD): SLOAN 188-0.5 (3782055) REGAL 188-1

AUTOMATIC FLUSH (OPTIONAL): SLOAN #188-0.5 (3790058) TOUCH-FREE OPERATION, METAL COVER, OVERRIDE BUTTON & FLUSH METER BODY LESS HANDLE OPERNER

WATERLESS URINAL (OPTIONAL - DD ELITE): SLOAN WATERFREE URINAL WITH SLOANTEC GLAZE WES-4000-STG (1074000)

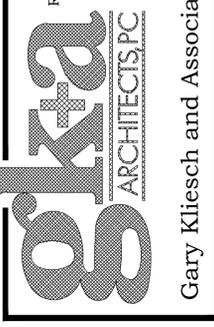
1. LOW FLOW PLUMBING FIXTURES MUST MEET FLOW VOLUMES STANDARDS OF 1.28 GPF TOILETS, 0.5 GPF URINALS, 0.5 GPM HAND WASH FAUCETS, AND 2.2 GPM POT SINK FAUCET (BY OTHERS) WITH 1.24 GPM SPRAY HEAD (BY OTHERS)

2. G.C. TO PROVIDE PRICING FOR STANDARD EQUIPMENT UNLESS DIRECTED OTHERWISE BY FRANCHISEE

VENDOR CONTACT INFO:

RESTROOM REMODELS 15 HAINMATT ST. - P.O. BOX 34 IPSWICH, MA 01938 PHONE: 617-500-2554 / FAX: 617-845-0350 WWW.RESTROOMREMODELS.COM SALES@RESTROOMREMODELS.COM	NEWTON DISTRIBUTORS VENDOR CONTACT: PEDRO GRILLON P. 877-837-7745 E: PEDRO@NEWTONDISTRIBUTING.COM WWW.NEWTONDISTRIBUTING.COM
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36 Ames Avenue
Rutherford, NJ 07070
Tel. 201.896.0333
Fax. 201.896.9469
email@gkanda.biz



Gary Kliesch and Associate Architects

Rev. No.	Drawing Issues / Revisions	Date

NJ: AI 13332
NY: 025618
FL: AR95782
WI: 11180-5
PA: AR-01511218 SC: 8935
D.C.: ARC101838 MA:10610
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CT: ARI0009387
DE: SS-0007765
MD: 14129
MI: 1301064135
IL: 001.023586
LA: 001.023586

Gary Kliesch
AIA, NCARB, NCBID

Proposed Alteration of:

DUNKIN'

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OMNI

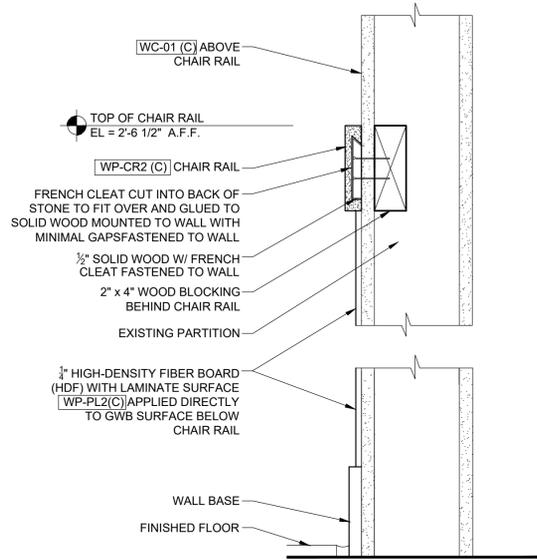
Drawing Title:
INTERIOR ELEVATIONS (CONT.),
ENLARGED RESTROOM PLAN,
ACCESSIBILITY DETAILS, ADA
NOTES, RESTROOM EQUIP. SCHED.

Date: 08/17/21
Dwg No. 19-242

Drawn By: A.T.
Checked By: C.F.

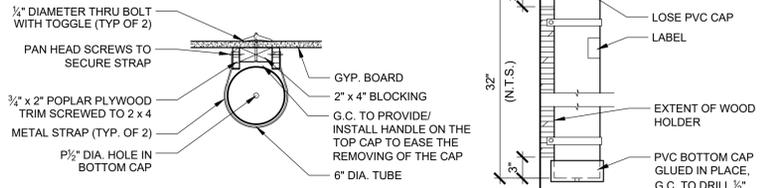
Job No: 19-242
9 of 10

A 5.1



1 WALL PROTECTION DETAIL

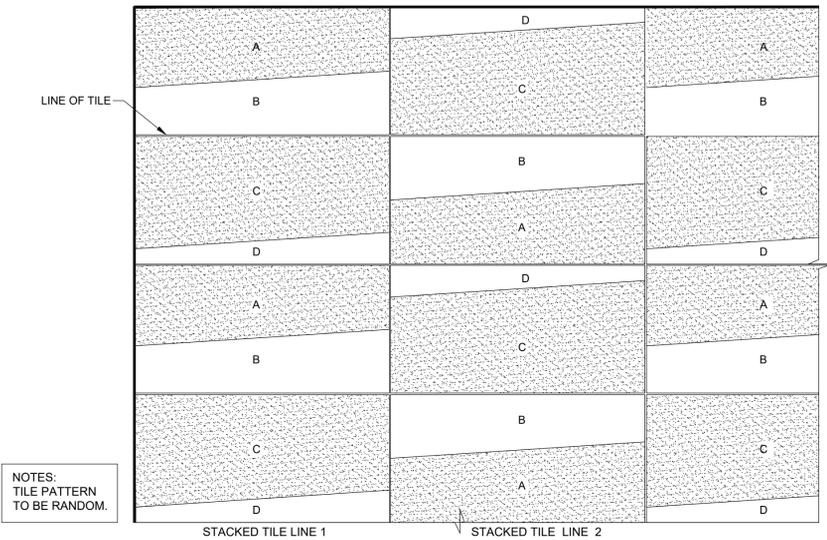
3" = 1'-0" NOTE:



- NOTES:**
- UPON COMPLETION OF PROJECT, G.C. PROVIDE A COMPLETE AS-BUILT SET OF DRAWINGS FOR THE COMPLETED STORE (ARCHITECTURAL, MECHANICAL AND ELECTRICAL) AND PLACE DRAWINGS INTO THE PLAN TUBE HOLDER
 - G.C. MUST PROVIDE AND ATTACH A LABEL (WITH CLEAR TAPE) STATING THIS TUBE CONTAINS STORE DRAWINGS AND IS NOT TO BE REMOVED WITHOUT THE CONSENT OF THE FRANCHISEE.
 - ENTIRE ASSEMBLY IS CONSTRUCTED BY G.C. IN FIELD. G.C. TO PAINT BLOCKING TO MATCH WALL

2 PLAN TUBE DETAILS

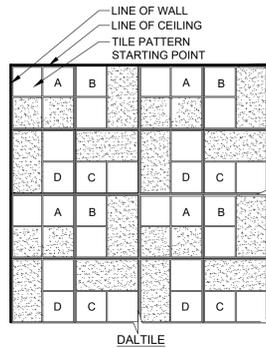
1" = 1'-0" NOTE:



NOTES:
TILE PATTERN TO BE RANDOM.

3 WALL TILE INSTALLATION PATTERN @ BACKLINE/ SERVICE AREA

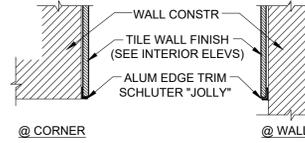
1 1/2" = 1'-0" NOTE:



- NOTES:**
TILE PATTERN TO BE RANDOM. INSTALL PER THE GUIDELINES BELOW:
- TILE A - START OF TILE PATTERN.
 - TILE B = TILE "A" ROTATED COUNTER CLOCKWISE 90 DEG.
 - TILE C = TILE "B" ROTATED COUNTER CLOCKWISE 90 DEG.
 - TILE D = TILE "C" ROTATED COUNTER CLOCKWISE 90 DEG.

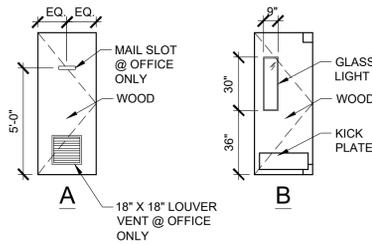
4 WALL TILE INSTALLATION PATTERN @ RESTROOM

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



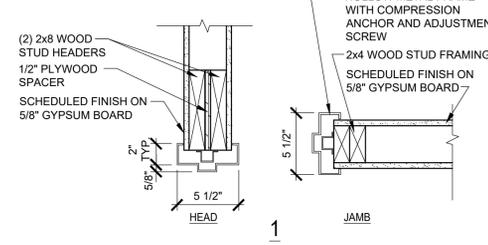
5 ALUM EDGE TRIM DETAIL

3" = 1'-0" NOTE:



6 DOOR AND OPENING FRAME TYPES

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



7 DOOR JAMB AND HEAD DETAILS

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

DOOR SCHEDULE

NO.	DOOR DATA				FINISH	FRAME DATA		FINISH	NOTES
	LOCATION	SIZE	MATERIAL	TYPE		MATERIAL	TYPE		
101	OFFICE	3'-0" X 6'-8" X 1 3/4"	WOOD	A	PT-02 (C)	H.M.	1	PT-02 (C)	4 AND 5
102	SERVICE AREA	3'-0" X 6'-8" X 1 3/4"	P-LAM	B	NOTE #6	H.M.	1	PT-02 (C)	2, 4 AND 6

NOTES

- PROVIDE 1" INSULATED & TEMPERED GLASS, FRAME TO MATCH STOREFRONT COLOR
- UNDERCUT DOOR 1"
- PROVIDE 190 DEGREE DOOR VIEWER CENTERED IN DOOR @ 5'-0" A.F.F. - MODEL SSVLAB FROM DAVSTAR SECURITY
- REFER TO DUNKIN BRANDS MASTER HARDWARE SCHEDULE FOR ALL DOORS.
- PROVIDE LOUVERED VENT @ OFFICE DOOR. REFER TO LOCAL CODES FOR FIRE RATING OF DOORS
- ADD DOUBLE-ACTING ELIASON DOOR TO SEPARATE SERVICE AREA FROM PREP AREA WHEN APPLICABLE (NOT SHOWN ON PLAN); REFER TO NATIONAL ACCOUNTS FOR CONTACT INFO, DOOR TO BE LAMINATED ON BOTH SIDES. FORMICA #837-58 "GRAPHITE" HPL, 12" STAINLESS STEEL BASE PLATES ON BOTH SIDES AND 9"x30" ACRYLIC WINDOW UP 54 1/4" TO CENTER.

MASTER HARDWARE SCHEDULE

SET No.	LOCATION	HARDWARE	MODEL #	MANUFACTURER	REMARKS
1	VESTIBULE	"D" DOOR HANDLE	CUSTOM	HEALY FOUNDRY	SEE ELEVATIONS & NATIONAL ACCOUNTS
2	OFFICE	HINGES	1279 US26D	HAGER	
		SPRING HINGES	1250 US26D	HAGER	
		LOCKSET	3480 WTN US26D	HAGER	
		LETTER SLOT	626 PA28	IVES	
		SLEEVE	600	IVES	
		FLOOR STOP	241F US26D	HAGER	
3	RESTROOM	1-1/2 PAIR BUTT HINGES	BB-1279 26D	HAGER	
		LOCKSET	3440 WTN US26D	HAGER	
		FLOOR STOP	241 F US26D	HAGER	
		KICK PLATE	214S Black 10" x 2" LW.O.D.	HAGER	
		DOOR CLOSER	5200 MLT 1-4 ALM	HAGER	
4	SERVICE AREA	FLOOR STOP	252F US26D	HAGER	ALL ADDITIONAL HARDWARE INCL. WITH DOOR BY MANUF.

ROOM FINISH SCHEDULE

NO.	ROOM NAME	FLOOR CODE	BASE CODE	WALL CODE	CEILING CODE	NOTES
101	VESTIBULE	FT-01 (C)	FTB-01 CUT (C)	NOTE #1	PT-03 (C)	1,3,4
102	SEATING AREA	FT-01 (C)	FTB-01 CUT (C)	NOTE #1	CT-02	1,3,4
103	SALES AREA	FT-01 (C)	FTB-01 CUT (C)	NOTE #1	CT-02	1,3,4
104	SERVICE AREA	FT-02	FTB-02 COVE	NOTE #1	CT-03	1,2,3,4
105	HALL	FT-01 (C)	FTB-01 CUT (C)	NOTE #1	CT-02	1,2,3,4
106	EXISTING ACCESSIBLE UNISEX RESTROOM	FT-01 (C)	FTB-01 CUT (C)	NOTE #1	PT-03 (C)	1,2,3,4
107	OFFICE	EXIST. / FT-02	EXIST. / FTB-02 COVE	FRP-01	CT-03	1,2,3,4
108	PREP/STORAGE AREA	EXIST. / FT-02	EXIST. / FTB-02 COVE	FRP-01	CT-03	3,4

NOTES

- REFER TO INTERIOR ELEVATIONS FOR PROPER WALL FINISHES IN DESIGNATED AREA
- SEE INTERIOR ELEVATIONS FOR DOOR FINISHES
- PROVIDE ALUMINUM CORNER GUARDS AT ALL OUTSIDE CORNERS OF WALLS. SEE FLOOR PLAN FOR LOCATIONS
- G.C. TO VERIFY ALL FINISHES WITH DBI CM PRIOR TO ORDERING MATERIALS.

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gkanda ARCHITECTS PC

Gary Kliesch and Associate Architects

Rev. No.	Date	Revisions

NJ: AI 13332
NY: 025618
FL: AR95762
WI: 11180-5
PA: RA-01511218 SC: 8935
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VA: 401016373
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NJCID: 21D00025000
CT: ARI0009367
DE: SS-0007765
MD: 14129
SC: 8935
MA:10810
MI: 1301064135
IL: 001.023586
WV: 4569 NH:04487

Gary Kliesch
A.I.A., N.A.A.S.P., N.C.I.D.

Proposed Alteration of:

DUNKIN'

40 S. Route 9W
West Haverstraw, NY
PC #302235

OMNI

Drawing Title:
INTERIOR DETAILS, DOOR AND
HARDWARE SCHEDULES, ROOM
FINISH SCHEDULE, DOOR DETAILS

Date: 08/17/21
Dwg No. A.6.0
A.T.
Checked By: C.F.
Job No: 19-242
10 of 10

DOOR SCHEDULE								NOTES	
NO.	LOCATION	DOOR DATA		FINISH	FRAME DATA		FINISH		
		SIZE	MATERIAL		TYPE	MATERIAL		TYPE	INT/EXT
101	MEN'S RESTROOM	3'-0" X 6'-8" X 1 3/4"	WOOD	A	PT-02 (C)	H.M.	1	PT-02 (C)	2 AND 4
102	WOMEN'S RESTROOM	3'-0" X 6'-8" X 1 3/4"	WOOD	A	PT-02 (C)	H.M.	1	PT-02 (C)	2 AND 4
103	OFFICE	3'-0" X 6'-8" X 1 3/4"	WOOD	B	PT-02 (C)	H.M.	1	PT-02 (C)	2, 4 AND 5
104	SERVICE	(2) 1'-6" X 6'-8" X 1 3/4"	WOOD	A	P. LAM.	H.M.	1	P. LAM.	2, 4 AND 6

NOTES

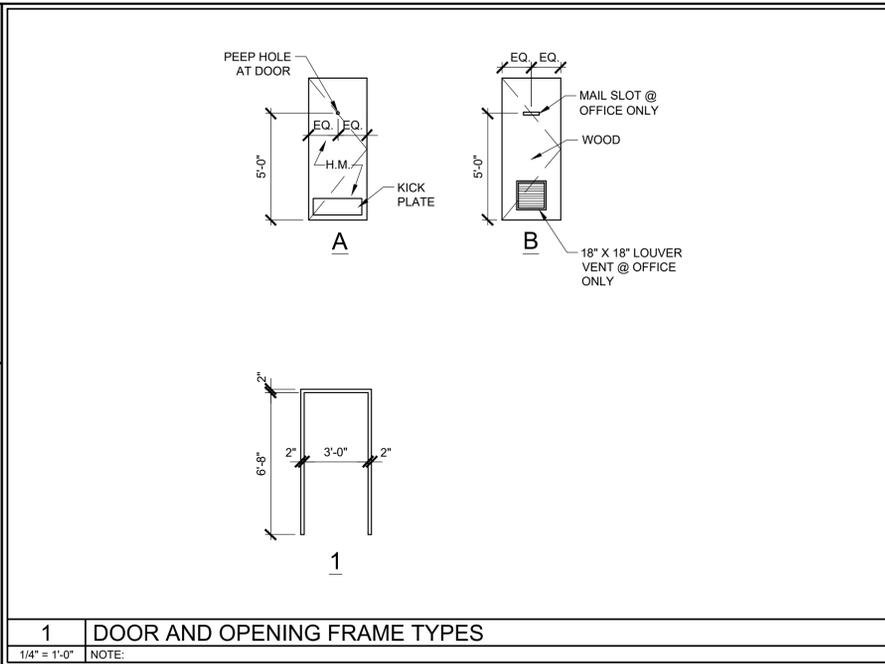
- PROVIDE 1" INSULATED & TEMPERED GLASS; FRAME TO MATCH STOREFRONT COLOR
- UNDERCUT DOOR 1"
- PROVIDE 190 DEGREE DOOR VIEWER CENTERED IN DOOR @ 5'-0" A.F.F. - MODEL SSVLAB FROM DAVSTAR SECURITY
- REFER TO DUNKIN BRANDS MASTER HARDWARE SCHEDULE FOR ALL DOORS.
- PROVIDE LOUVERED VENT @ EACH DOOR FOR OFFICE. REFER TO LOCAL CODES FOR FIRE RATING OF DOORS
- DOUBLE-ACTING ELIASON DOOR TO SEPARATE SERVICE AREA FROM PREP AREA; REFER TO NATIONAL ACCOUNTS FOR CONTACT INFO, DOOR TO BE LAMINATED ON BOTH SIDS. FORMICA #837-58 "GRAPHITE" HPL, 12" STAINLESS STEEL BASE PLATES ON BOTH SIDES.

MASTER HARDWARE SCHEDULE					
SET No.	LOCATION	HARDWARE	MODEL #	MANUFACTURER	REMARKS
1	VESTIBULE	"D" DOOR HANDLE	CUSTOM	HEALY FOUNDRY	SEE ELEVATIONS & NATIONAL ACCOUNTS
2	OFFICE	HINGES	1279 US26D	HAGER	
		SPRING HINGES	1250 US26D	HAGER	
		LOCKSET	3480 WTN US26D	HAGER	
		LETTER SLOT	626 PA28	IVES	
		SLEEVE	600	IVES	
		FLOOR STOP	241F US26D	HAGER	
3	RESTROOMS	1-1/2 PAIR BUTT HINGES	BB-1279 26D	HAGER	
		LOCKSET	3440 WTN US26D	HAGER	
		FLOOR STOP	241 F US26D	HAGER	
		KICK PLATE	214S Black 10" x 2" L.W.O. D.	HAGER	
		DOOR CLOSER	5200 MLT 1-4 ALM	HAGER	
4	SERVICE AREA	FLOOR STOP	252F US26D	HAGER	ALL ADDITIONAL HARDWARE INCL. WITH DOOR BY MANUF.

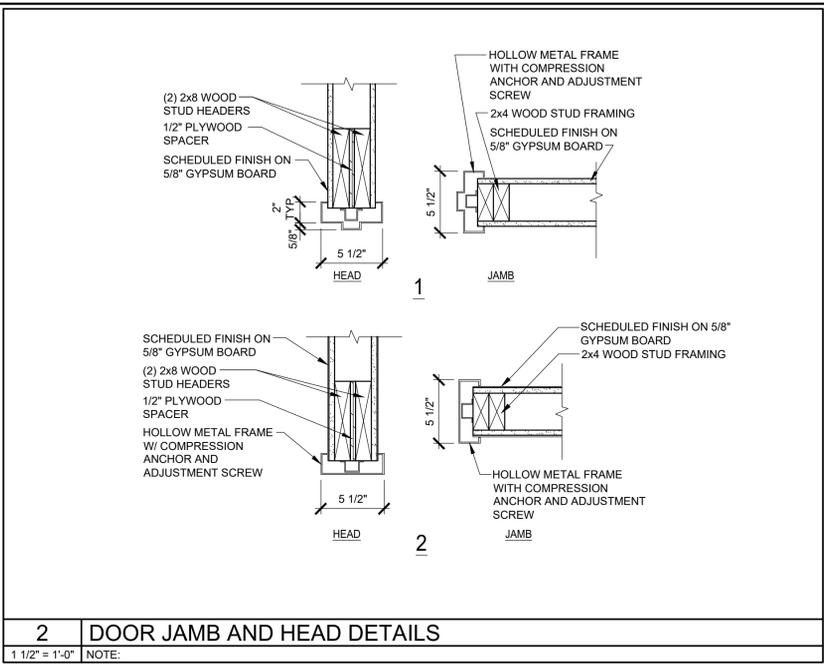
ROOM FINISH SCHEDULE						
NO.	ROOM NAME	FLOOR CODE	BASE CODE	WALL CODE	CEILING CODE	NOTES
101	VESTIBULE	FT-01 (C)	FTB-01 CUT (C)	NOTE #1	PT-03 (C)	1,3,4
102	SEATING AREA	FT-01 (C)	FTB-01 CUT (C)	NOTE #1	CT-02	1,3,4
103	SALES AREA	FT-01 (C)	FTB-01 CUT (C)	NOTE #1	CT-02	1,3,4
104	SERVICE AREA	FT-02	FTB-02 COVE	NOTE #1	CT-03	1,2,3,4
105	HALL	FT-01 (C)	FTB-01 CUT (C)	NOTE #1	CT-02	1,2,3,4
106	ACCESSIBLE MEN'S RESTROOM	FT-01 (C)	FTB-01 CUT (C)	NOTE #1	PT-03 (C)	1,2,3,4
107	ACCESSIBLE WOMEN'S RESTROOM	FT-01 (C)	FTB-01 CUT (C)	NOTE #1	PT-03 (C)	1,2,3,4
108	OFFICE	FT-02	FTB-02 COVE	FRP-01	CT-03	2,3,4
109	PREP/STORAGE AREA	EXISTING/FT-02	EXISTING/FTB-02 COVE	FRP-01	CT-03	3,4

NOTES

- REFER TO INTERIOR ELEVATIONS FOR PROPER WALL FINISHES IN DESIGNATED AREA
- SEE INTERIOR ELEVATIONS FOR DOOR FINISHES
- PROVIDE ALUMINUM CORNER GUARDS AT ALL OUTSIDE CORNERS OF WALLS, SEE FLOOR PLAN FOR LOCATIONS
- G.C. TO VERIFY ALL FINISHES WITH DBI CM PRIOR TO ORDERING MATERIALS.



1 DOOR AND OPENING FRAME TYPES
1/4" = 1'-0" NOTE:



2 DOOR JAMB AND HEAD DETAILS
1 1/2" = 1'-0" NOTE:

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gkanda
ARCHITECTS, PC

Gary Kliesch and Associate Architects

Rev. No.	Drawing Issues / Revisions	Date

NJ: AI 13332
NY: 025618
FL: AR95782
WI: 11180-5
PA: RA-0151124B SC: 8935
D.C.: ARC101838 MA:10610
GA: RA 019883
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Proposed Alteration of:

DUNKIN'

40 S. Route 9W
West Haverstraw, NY
PC #302235

OMNI

Drawing Title: DOOR SCHEDULE, HARDWARE SCHEDULE, ROOM FINISH SCHEDULE, DOOR JAMB AND HEAD DETAILS, DOOR & FRAME TYPES	
Date: 08/17/21	Dwg No. A
Drawn By: A.T.	7.0
Checked By: C.F.	
Job No: 19-242	11 of 11

Rev. No.	Date	Issues / Revisions

NJ: AI 13332 NJCID: 21D00029000
 NY: 029618 CT: ARI0009367
 FL: AR95762 DE: SS-0007765
 WI: 11180-5 MD: 14129
 PA: RA-01511218 SC: 8935
 D.C.: ARC101838 MA: 10810
 GA: RA 019863 MI: 1301064135
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Gary Kliesch
A.I.A., N.A.A.S.P.

Proposed Alteration of:

DUNKIN'

40 S. Route 9W
West Haverstraw, NY
PC #302235

OMNI

Drawing Title:
EQUIPMENT PLAN, NOTES,
WALK-IN BOX SCHEDULE

Date:	Dwg No.
08/17/21	
Drawn By:	K 1.0
A.T.	
Checked By:	
C.F.	1 of 2
Job No:	
19-242	

WALK IN BOX SCHEDULE

Walk In Box	Exterior
Ceiling Height where box will be located (if interior)	N/A
If Exterior: does box need to be painted?	Yes
If Exterior: is Masonry surrounding the box?	No
Overall Dimension of the Box	8'-0" x 9'-0"
*Freezer Dimensions	7'-0" x 4'-6"
*Cooler Dimensions	8'-0" x 4'-6"
*Anteroom Dimensions	N/A
Refrigeration System	Pre-Assembled Remote Configuration
Refrigeration Location (if REMOTE)	Top of Walk In
Refrigeration Lines et Needed (with remote units only)	0- 50 ft
Electrical Phase	3-Phase (120/208)

*Standard Walk In Order is 1ft increments on outside dimensions of Freezer/Cooler length and width
 Please note : .3.5" depression slab required for proper door swing

Refrigeration Notes:

Self Contained Refrigeration has both the condensing unit and evaporator system mounted on the top of the Walk In. This system requires 24" clearance between the top of the box and the ceiling height. Maximum compartment size is 7' x 14'. QUICK CONNECT START UP BY GENERAL CONTRACTOR (NO REFRIG TECH NEEDED). Standard height of Walk In Box using this refrigeration is 7' 7"

Remote Self Contained Refrigeration has the evaporator mounted on top of the Walk In and the condensing unit is remote. This system requires 24" clearance between the top of the box and the ceiling height. Maximum compartment size is 7' x 14'. Cannot Exceed 50ft proximity to the Cooler/Freezer, Pre-charged lines up to 50' lengths, and a quick dis connect included. START UP BY REFRIG TECH. Standard height of Walk In Box using this refrigeration is 7' 7"

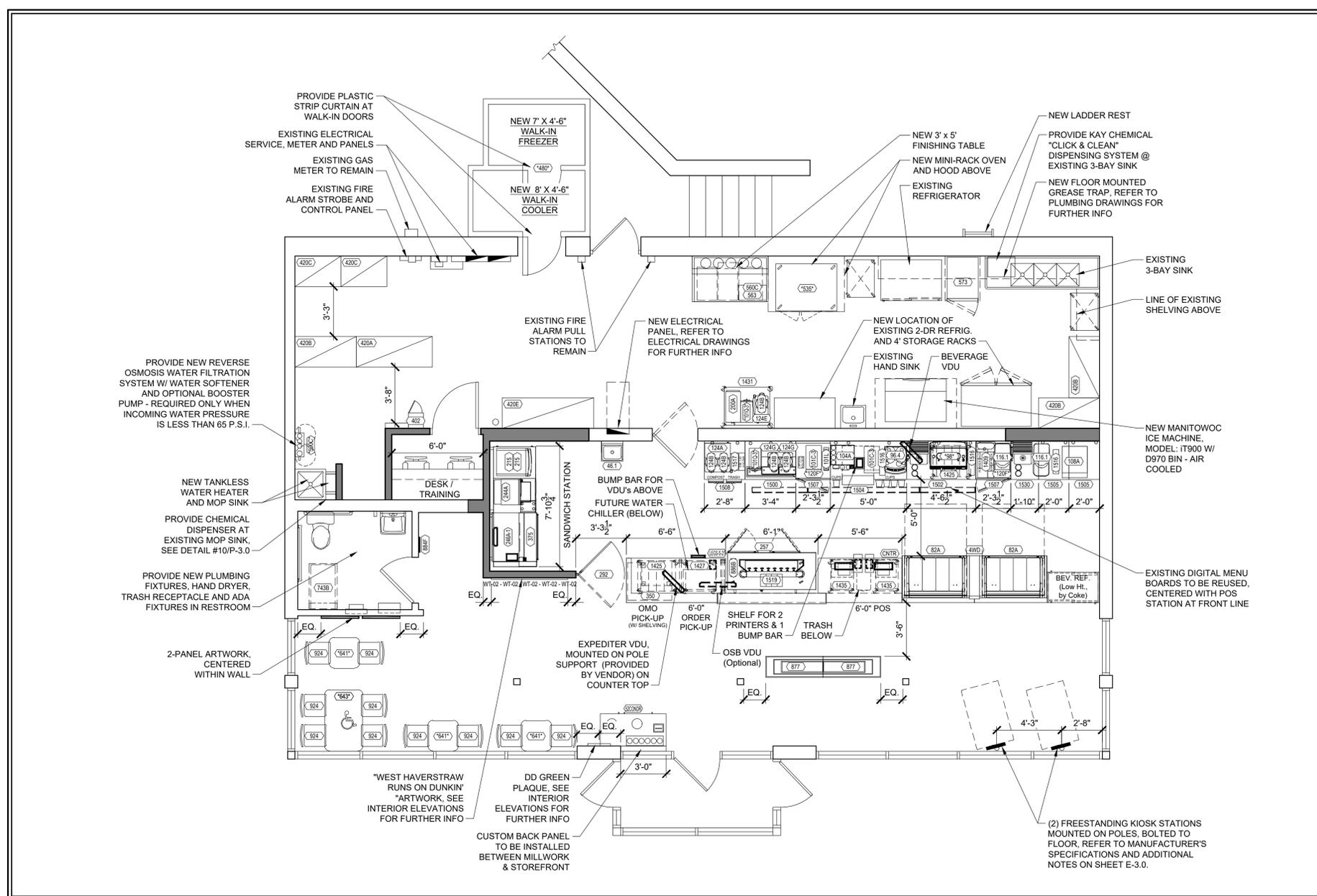
Pre-Assembled Remote Refrigeration has the compress or unit remotely located and the evaporator is mounted inside the Walk In. The system is pre-wired and requires a drain line and floor drain. The area where the box will be located must have a minimum height of 8' 9". Pre-charged lines up to 50' lengths, and a quick dis connect are included. NO Maximum compartment size. START UP BY REFRIG TECH. Standard height of Walk In Box using this refrigeration is 8' 7"

INSTALLATION NOTES:

- EQUIPMENT SUPPLIER TO PLACE ALL NEW EQUIPMENT.
- GENERAL CONTRACTOR TO PLACE ALL EXISTING EQUIPMENT.
- GENERAL CONTRACTOR TO MAKE ALL MECHANICAL, PLUMBING, AND ELECTRICAL CONNECTIONS FOR ALL EQUIPMENT.
- THE ASTERISKS "*" IN THE "ITEM NO." INDICATES THAT THERE ARE MULTIPLE CHOICES AVAILABLE FOR THE RESPECTIVE PIECE OF EQUIPMENT OR MILLWORK.

NOTE:

REFER TO DUNKIN' BRANDS MULTIBRAND EQUIPMENT SPECIFICATIONS ON DUNKIN' BRANDS WEB SITE, <http://extranet.dunkinbrands.com>, FOR COMPLETE EQUIPMENT AND UTILITY INFORMATION. DUNKIN' BRANDS WEB SITE ALWAYS TAKES PRECEDENCE OVER DRAWINGS IN INSTANCE OF CONFLICT.



1 EQUIPMENT PLAN

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

EQUIPMENT SCHEDULE - COOL PALETTE

ITEM #	QTY	EQUIPMENT				PLUMBING					ELECTRICAL					GENERAL REMARKS		
		DESCRIPTION	MANUFACTURER	MODEL #	N.S.F. E.T.L.	U.L. E.T.L.	WATER			REMARKS	LOAD							
							H.W.	C.W.	F.W.		DIR.	IND.	VOLTS	PHASE	AMPS		CIRCUIT SIZE	#WIRES W/ GROUND
CNTR		CUSTOM STAINLESS STEEL COUNTERS - SEE PLAN FOR DIMS	MILLWORK SUPPLIER															
4WD		DOUBLE 4 WIDE FRONT CASE BAKERY	MILLWORK SUPPLIER	4WD														
46.1		HAND SINK WITH KNEE PADDLE	JOHN BOOS	PBHS-W-KVMB-1			1/2"	1/2"	1-1/2"									
52CONDR		52" CONDIMENT/ RECYCLE/TRASH STATION ISLAND	MILLWORK SUPPLIER	52CONDR														
82A		4 TIER X 4 WIDE (16 FACING TROLLEY) FRONT LINE BAKERY CASE (NEXT GEN)	VULCAN	1019990-44							120	1	1	15	2	Y	NEMA 5-15	
96.4		ESPRESSO MACHINE	SHAERER	COFFEE ART. MODEL #1550-PS-DD 40671				1/2"	1"		208/230	1		30	3	Y	NEMA L6-30R	**VERIFY ALL ELECT REQTS W/ MANUF SUPPLIED W/ SOFTENER/FILTER COMBO SYSTEM
98		ESPRESSO MACHINE	SHAERER	BARISTA				1/2"	1 1/2"		208	1	28.8	30	2	Y	NEMA L6-30	**VERIFY ALL ELECT REQTS W/ MANUF
101C	101C-1	DAIRY DISPENSER	AC DISPENSING	320-FP-7							120	1	3	15			NEMA 5-15	
	101C-2	DAIRY DISPENSER	TAYLOR	C005							120	1	3	15			NEMA 5-15	
101L		PORTION CONTROLLED GRANULAR & POWDER DISPENSER	SURE SHOT	AC2-GP														
101Q	101Q-2	DUAL HOPPER COFFEE GRINDER	CURTIS	DHG-10-020														
	101Q-3	MULTI HOPPER COFFEE GRINDER	BUNN-O-MATIC	35600,0011							120	1	11	15	2	Y	NEMA 5-15	BUNN PROVIDED CORD & PLUG INSTALLED BY GENERAL CONTRACTOR
104A		9 X 6 PUMP STATION	WIREFAB	WF35522														
108A*	108A-1	HOT WINTER BEVERAGE MACHINE	BUNN-O-MATIC	DDHWB				1/2"			208/120	1	21.7	30	3w+1G	Y		BUNN PROVIDED CORD & PLUG INSTALLED BY GENERAL CONTRACTOR
	108A-2	HOT WINTER BEVERAGE MACHINE	CECILWARE	GB5M5.5-IT-U-DB				1/2"			208/240	1	28.8	30		Y	NEMA L14-30P	
116.1		BLENDER WITH RINSE STATION	CECILWARE	SB2412-WDD				1/2"			120/240	1	19.65					Two standard 110 Volt outlets
120F	120F-1	UNDERCOUNTER REFRIGERATOR - 27" W/ CASTERS, RIGHT HINGE	DELFIELD	406-CA-SPL-RHH	7	SA 4769					115	1	7	15	3	Y	NEMA 5-15	RIGHT HAND HINGE
	120F-2	UNDERCOUNTER REFRIGERATOR - 27" W/ CASTERS, LEFT HINGE	DELFIELD	406-CA-SPL-LHH	7	SA 4769					115	1	7	15	3	Y	NEMA 5-15	LEFT HAND HINGE
	120F-3	UNDERCOUNTER REFRIGERATOR - 27" W/ CASTERS, LEFT HINGE	VICTORY	UR-27-SST							115	1	5.6	15	2	Y	NEMA 5-15	DOOR CAN BE RE-HINGED IN FIELD
124A		TWIN SH BREWER	BUNN-O-MATIC	51200,0106				1/2"			120/208	1	38.5	50	4	N	NEMA 14-50	
124B		1.5 GAL SH SERVER	BUNN-O-MATIC	27850,0200														
124E		SINGLE SH BREWER	BUNN-O-MATIC	INFUSION SH				1/2"			120/208	1	16.8	20	4	N	NEMA L14-20	
124G		TWIN SH STAND WITH WIFI	BUNN-O-MATIC	27875,0201				1/2"			120/208	1	16.8	20	4	N	NEMA L14-20	
200A		ICED COFFEE BREWER - #IC3-DBC W/ ICDD	BUNN-O-MATIC	45100,01		**		1/2"			120/208	1	19.5	30	4	Y	NEMA L14-30	6' CORD TO BE PROVIDED & INSTALLED BY GC ** E34066
215		TORNADO OVEN W/ STONE, PEEL AND (2) TRAYS - EXTENDED WARRANTY INCLUDED	TURBOCHEF	NGC-1180-1-2019							208	1	30	30		Y	NEMA 6-30	
244A		DUAL LANE TOASTER	HATCO	ITQ-1750-2C-DD							208	1	23.8	30	3	Y	NEMA 6-30P	
246A	246A-1	SINGLE SIDED HOT HOLDING UNIT	CARTER HOFFMAN	MZ343S-DD							120		15			Y	NEMA 5-20P	
	246A-2	SINGLE SIDED HOT HOLDING UNIT	PRINCE CASTLE	DHB3PT-33DD							208-240		9.6-11.2			Y	NEMA 6-15P	
257		8 TAP SYSTEM WITH GENERATOR	MICROMATIC	MDD-86G-E-DD				1/2"	1"		115	1	11.1	20	2	Y	NEMA 5-15	
292		36" SWING GATE	EQUIPMENT SUPPLIER	CUSTOM MILLWORK														SEE CUSTOM MILLWORK DRAWINGS FOR DETAILS.
350		36" L SHAPED (2) TIER OMO UNIT	WIREFAB															
375		REFRIGERATED SANDWICH UNIT	DUKE													Y		REFERENCE MANUFACTURER'S CUTSHEET FOR UTILITY INFORMATION IF SPECIFIED ALTERNATE UNIT IS CHOSEN.
402		EMPLOYEE LOCKER	WIN-HOLT	WL-66 (156195)														
420A		24" X 60" SHELVING UNIT	METRO	ADRU2460NK3														
420B		24" X 48" SHELVING UNIT	METRO	ADRU2448NK3														
420C		24" X 36" SHELVING UNIT	METRO	ADRU2436NK3														
420E		24" X 72" SHELVING UNIT	METRO	ADRU2472NK3														
480		WALK-IN COOLER/FREEZER PACKAGE	NORLAKE	PER WALK-IN ORDER FORM												N		UTILITY INFO SHOWN IS FOR INDOOR UNIT. VERIFY ALL INFO FOR OUTDOOR UNITS; IF CONTROL WIRES REQUIRE EXTENSION, IT IS THE RESPONSIBILITY OF THE GC TO RUN THE WIRING
535	535-2	UNIVERSAL OVEN - ELECTRIC 208V. USED FOR BAKING ALL PRODUCTS. CAPACITY: 8 SHEET PANS, 18"X26" OR 6 MUFFIN PANS, 20 CUP. VOLTAGE SPECIFIED ON EQUIPMENT DATA FORM	BAXTER	OV310G-SEFDD				1/2"	1/2"		120	3	50	60		Y	NEMA 15-50	1- 120/60/1/15A DEDICATED CIRCUIT REQUIRED FOR A NEMA 5-15 CORD.
560C		36"X80" STAINLESS STEEL FINISHING TABLE W/ 10" DEEP OVERSHELF	UNIVERSAL	DD-5SLCB36-OS2ES														
563		POWER BASE	EDHARD	P-4010	29051	SA 4027					120	1		15			NEMA 5-15	
573		FREEZER- REACH-IN, ONE SECTION HINGED FULL DOOR	NORLAKE	NF241SSS/0-025							115	1	12	15			NEMA 5-15	
590C	590C-1	REVERSE OSMOSIS WATER FILTRATION SYSTEM	PENTAIR															
	590C-2	REVERSE OSMOSIS WATER FILTRATION SYSTEM	3M															
641		24" X 24" TABLE TOP	MILLWORK SUPPLIER															
643		30" X 48" ADA TABLE TOP	MILLWORK SUPPLIER															
743B		Vertical Wall Mounted Baby Changing Table	ASI	9015														
884F		Unisex Restroom Signs ADA Brown	DGS Retail	DD-NG-RSTRM														
877		WATERFALL MERCHANDISER TABLE	SPECTAS															ALSO ORDER ITEM 875A, QTY 1
886B		MIXER CUP STATION	WIREFAB	WF35887-PRES														
924		DINING CHAIR	ALLERMUIR	DB81														
1409		Pump/Swirl Station	Wirefab	WF35522														
1425		30" CUP CART	METRO															
1427		24" HOS MATRO CART	METRO	DD2424OTG														
1431		36" WORKTABLE WITH NC BASE	METRO	DB303634WT														
1435		18" FC POS CART	METRO	DD1824POS														
1500		HVB COFFEE CART	FRANKE	18018506														
1502		Dump Sink Table/Esspresso - Left	FRANKE	18017898														
1504		ICE BIN/INITIATOR - LEFT	FRANKE	18017813														
1505		HVB CABINET	FRANKE	18017716														
1507		WORKTOP RISER FOR UCR	FRANKE															
1508		TRASH/COMPOST	FRANKE	18018667														
1516		LID HOLDER 1 WIDE 4 TALL	FRANKE															
1517		LID HOLDER 2 WIDE 3 TALL	FRANKE															
1519		LID HOLDER 4 WIDE FLAT	FRANKE															
1530		22" DUMP SINK TABLE	FRANKE															
LEGS-21		21" STAINLESS LEG	FRANKE	18017197														

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Gary Kliesch and Associate Architects

Rev. No.	Date	Revisions

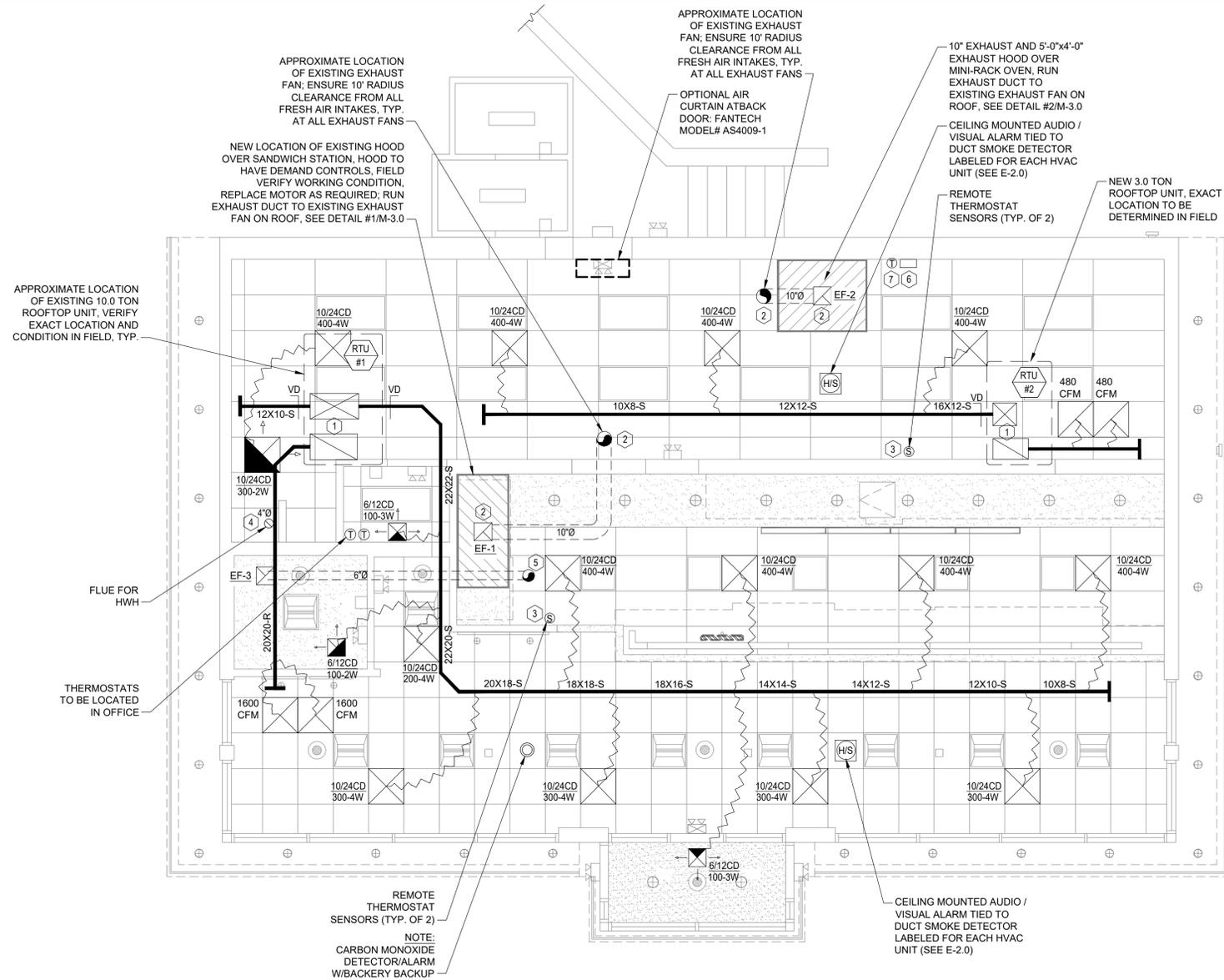
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Proposed Alteration of:

40 S. Route 9W
West Haverstraw, NY
PC #302235

Drawing Title: EQUIPMENT SCHEDULE	
Date: 08/17/21	Dwg No. K 1.1
Drawn By: A.T.	
Checked By: C.F.	
Job No: 19-242	2 of 2



GENERAL NOTES:

- ALL WORK SHALL COMPLY WITH ALL LOCAL AND STATE CODES AND AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS AND ARRANGE ALL REQUIRED INSPECTIONS.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS AND TRADES.
- THESE DRAWINGS, AS PREPARED, ARE DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS CONSTRUCTION OF THE PROJECT AND THE WORK OF THE TRADES WILL PERMIT. EQUIPMENT LOCATIONS INDICATED ARE APPROXIMATE. COORDINATE EXACT LOCATIONS AND REQUIRED CLEARANCES WITH EQUIPMENT SUPPLIER AND ALL TRADES PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL THE EQUIPMENT INDICATED WITHIN THE MECHANICAL DRAWINGS UNLESS OTHERWISE NOTED. ALL EQUIPMENT SHALL BE UL LISTED, VERIFY LOCATION AND DIMENSIONS IN THE FIELD PRIOR TO FABRICATION AND / OR INSTALLATION.
- ALL ROOF PENETRATIONS SHALL BE AT THE CONTRACTOR'S EXPENSE. COORDINATE WITH OWNER'S ROOFING CONTRACTOR SO AS NOT TO VOID ANY EXISTING ROOF WARRANTIES.
- EACH UNIT GENERATING CONDENSATE SHALL BE PROVIDED WITH A CONDENSATE DRAIN WITH EXTERNAL, 4" DEEP P-TRAP, EXTEND DRAIN TO A ROOF MOUNTED SPLASH PAD OR AN ACCEPTABLE LOCATION REQUIRED BY CODE.
- DUCT SIZES SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSION.
- ALL METAL DUCT AND AIR DISTRIBUTION DEVICES SHALL BE INSULATED WITH R-6, 75 DENSITY FOIL-BACKED INSULATION WITH FIRE AND SMOKE RATING 25-50.
- ALL DUCTWORK SHALL BE FABRICATED, INSTALLED, SEALED, AND INSULATED PER THE LATEST ISSUE OF SMACNA LOW-VELOCITY DUCT MANUAL.
- UNLESS OTHERWISE NOTED, ALL SUPPLY TAKEOFFS SHALL HAVE A MANUAL VOLUME CONTROL DAMPER.
- ALL FLEX DUCT SHALL BE UL LISTED, R-6, FOIL-BACKED, CLASSIFIED AS A CLASS 1 AIR DUCT. MAXIMUM LENGTH IS TO BE
- 12'-0" PER DROP OR PER LOCAL CODE.
- THE CONTRACTOR SHALL COORDINATE DIFFUSER LOCATIONS ON SITE WITH THE MOST RECENT REFLECTED CEILING PLAN.
- THE CONTRACTOR IS TO MAKE ALL LOW-VOLTAGE WIRING CONNECTIONS FOR ALL HVAC EQUIPMENT INCLUDING TEMPERATURE CONTROLS, ROOF TOP UNITS, SMOKE DETECTORS AND CONTACTOR PANEL.
- PROVIDE AND INSTALL SMOKE DUCT DETECTORS IN EACH AIR CONDITIONING UNIT RETURN DUCT GREATER THAN 2000 CFM. CONTRACTOR SHALL PROVIDE INTERCONNECTION AND WIRE TO THE FIRE ALARM CONTROL PANEL IF REQUIRED. DUCT DETECTORS SHALL HAVE REMOTE TEST STATIONS LOCATED IN THE OFFICE NEAR THE RESPECTIVE THERMOSTATS. VERIFY CODE REQUIREMENTS FOR DUCT DETECTORS IN BOTH THE SUPPLY AND RETURN AIR STREAMS.
- THE ENTIRE INSTALLATION SHALL BE GUARANTEED FREE OF DEFECTS AND CONTRACTOR SHALL REPAIR AND / OR REPLACE ANY DEFECTIVE MATERIALS OR EQUIPMENT AT NO COST TO THE OWNER FOR A MINIMUM PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY ARCHITECT OR ENGINEER.
- ALL WORK SHALL BE SUBJECT TO THE ACCEPTANCE AND APPROVAL OF THE ARCHITECT AND OWNER. THE ARCHITECT SHALL BE NOTIFIED OF ANY AND ALL DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE OF PROPER NOTIFICATION DOES NOT RELIEVE THE CONTRACTOR. THE CONTRACTOR SHALL CORRECT ANY AND ALL WORK ARISING FROM SUCH FAILURE TO COORDINATE DISCREPANCIES TO THE SATISFACTION OF THE ARCHITECT WITHOUT ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL, UPON COMPLETION OF PROJECT, PERFORM A COMPLETE TEST AND BALANCE OF ALL EQUIPMENT. PROVIDE A WRITTEN REPORT TO THE ARCHITECT. ALL CAPACITIES MUST BE SET TO WITHIN ±10% OF AMOUNTS INDICATED ON THE FLOOR PLAN AND SCHEDULES.

DIFFUSER AND REGISTER SCHEDULE

UNIT ID	MANUFACTURER	MODEL	SIZE	DESCRIPTION	REMARKS
A	METAFIRE	570006 AL (01) WHITE	24x24	Aluminum, 2 cone Square Face Diffuser With Round Neck, Aluminum, With Adjustable Discharge And Radial Oppos of Blade Damper, Model D3.	1,2,3,4,5
B	METAFIRE	570006 AL (03) BLACK	12x12	Aluminum, 2 cone Square Face Diffuser With Round Neck, Aluminum, With Adjustable Discharge And Radial Oppos of Blade Damper, Model D3.	1,2,3,4,5
C	METAFIRE	RH 6 (03) WHITE	24x24	Aluminum Return Grille - 0.667" Spacing Set At 45 Degree Angle, Volume Control Oppos of Blade Damper, Model OSDA.	1,2,4
E	METAFIRE	RH 6 (03) WHITE	24x24	Aluminum Return Grille - 0.667" Spacing Set At 45 Degree Angle, Volume Control Oppos of Blade Damper, Model OSDA.	1,2,4

NOTES:

- Maximum Neck Connection Rating = 25 DBA.
- Shaded Bezel Finish, Color To Be Selected By Architect.
- Diffusers Shall Be 4-Way If Otherwise Indicated On Plans.
- Mounting Frame Type Shall Be Coord. With Ceiling / Wall Construction Type.
- Neck Size Shall Be As Scheduled.

Round Neck Size Schedule

Size	1/2" DIA.	3/4" DIA.	1" DIA.	1 1/4" DIA.	1 1/2" DIA.	2" DIA.	2 1/2" DIA.	3" DIA.	3 1/2" DIA.	4" DIA.	5" DIA.	6" DIA.	8" DIA.	10" DIA.	12" DIA.	14" DIA.	16" DIA.	18" DIA.	20" DIA.	
Up To 300 CFM																				
301 To 325 CFM																				
326 To 375 CFM																				
376 To 600 CFM																				
601 To 900 CFM																				
901 To 1100 CFM																				

1 H.V.A.C PLAN
1/4"=1'-0"

ROOF TOP UNIT SCHEDULE

UNIT ID	MANUFACTURER	EFFICIENCY	MODEL	AREA SERVED	NOMINAL TONS	SUPPLY FAN			GAS HEAT		COOLING			ELECTRICAL				EER	IEER	SEER	OPERATING WEIGHT	NOTES
						TOTAL CFM	OUTSIDE AIR	STATIC PRESSURE	INPUT MBH	OUTPUT MBH	TOTAL MBH	SENSIBLE MBH	AMBIENT DB	ENTERING DB / WB	STAGES	VOLTS	PHASE					
RTU-1	EXISTING ROOFTOP UNIT, 10.0 TONS, 4000 CFM - VERIFY EXACT SIZE, LOCATION AND CONDITION IN FIELD																					
RTU-2	TRANE	HIGH	WH032F3RMA H030A1A	BACK	3	1200	240	0.75	80	64	37											1-14

NOTES:

- All Equipment Must Be High Efficient, Meeting Or Exceeding The Brands Minimum Requirements.
- Electrical Connection To Be Single Point And To Be Through The Bottom Of The Unit
- Provide Disconnect Switch And An Unpowered GFC Receptacle.
- 14" Roof Curb - Contractor Shall Field Insulate, Ship ASAP Ahead Of The Unit.
- Condensate Drain With 2" Deep Vented Trap Discharge To Splash Block On Roof.
- Cabinets With 1/2" Fiberglass Insulation.
- Unit Shall Be Complete With Gas Heating Section, Gas Regulator To Receive 7" Gas Pressure From Main.
- Dry Bulb Economizer With Barometric Relief / 25% Manual Outside Air Damper Assembly With Hood (zone'd Only).
- Provide 8-wire, 24 Vac, Automatic Changerover, 2-stage Heat / Cool, Remotely Programmable Thermostat
- Remote Sensors Shall Be Provided In Space Wired Back To Programmable, 24 Hour, 7 Day, Thermostats.
- Anti Short Cycle Timer.
- Throwaway 2" Filters (merv 8).
- Where Required, Provide Low Ambient Cooling Capability Down To 0 Degrees F.
- Provide All Compressors With 5 Year Warranty.
- Return And / Or Supply Air Smoke Detector - Unit Mounted
- WFD Supply Fan
- If Required: Carrier - Unit Installed with "Humidi-Mizer" dehumidification system. Provide humidity sensor next to thermostat.
- If Required: Trane - Hot gas reheat with associated controls and sensors for dehumidification control.

DBI HVAC NATIONAL ACCOUNTS
DBI HAS NATIONALLY ACCOUNTED TWO HVAC MANUFACTURERS TO SUPPLY ROOFTOP EQUIPMENT FOR THE BRAND. CONTACT INFORMATION IS AS NOTED FOR EACH OF THE MANUFACTURERS BELOW.

TRANE, INC.
ACCOUNT REPRESENTATIVE:
JONATHAN RALYS
P: 978 737 3814
F: 978 737 3921
E: JONATHAN.RALYS@TRANE.COM
WEB: WWW.TRANE.COM

ADDITIONAL ROOFTOP UNIT INFORMATION, CONTACT INFORMATION AND PRICING / ORDERING INFORMATION CAN BE FOUND ON THE NATIONAL ACCOUNT PORTION OF THE DBI CONSTRUCTION EXTRANET.

AIR BALANCE

UNIT	AREA SERVED	SUPPLY AIR	OUTSIDE AIR	RETURN AIR	EXHAUST AIR
RTU-1	FRONT	4000 CFM	800 CFM	3200 CFM	-
RTU-2	BACK	1200 CFM	240 CFM	960 CFM	-
EF-1	TOASTER	-	-	-	525 CFM
EF-2	OVEN	-	-	-	500 CFM
EF-3	RESTROOM	-	-	-	110 CFM
TOTAL:		5200 CFM	1040 CFM	4160 CFM	1135 CFM

BUILDING PRESSURE: -95 CFM **NEGATIVE**

HOODS

UNIT ID	MANUFACTURER	LENGTH	MODEL	SERVICE	COOLING			EXHAUST			CONSTRUCTION	WEIGHT
					TEMPERATURE	AIR	COLLAR	SP	CONSTRUCTION	WEIGHT		
HOOD-1	CAPTIVE-AIRE	5'-3"	3624 VHB	TOASTER / TURBO	700 DEG F	525	10"	0.056	430 STAINLESS STEEL	172 LBS		
HOOD-2	CAPTIVE-AIRE	5'-0"	4824 VHB	MINI-RACK OVEN	700 DEG F	500	10"	0.168	430 STAINLESS STEEL	237 LBS		

FAN SCHEDULE

UNIT ID	MANUFACTURER	HOOD LENGTH	MODEL	CFM	TYPE	DRIVE	FAN RPM	S.P.		MOTOR		SERVICE	INTERLOCKED WITH	NOTES / ACCESSORIES
								(IN. W.G.)	HP	VOLTS	PHASE			
EF-1	CAPTIVE-AIRE	5'-3"	DH33HFA	525	ROOF	DIRECT	1212	0.5	1/2	120	1	TOASTER AND TURBO	HOOD CONTROL	1,2,3,4,5,6,7,8
EF-2	CAPTIVE-AIRE	5'-0"	DH12HFA	500	ROOF	DIRECT	1500	0.5	1/4	120	1	MINI-RACK OVEN	HOOD CONTROL	1,2,3,4,5,6,7,8
EF-3	GREENHECK	-	SP-AL10	110	CEILING	DIRECT	950	0.125	FRAC	120	1	RESTROOMS	LIGHTS	1,4,6,8

NOTES / ACCESSORIES:

- Birdscreen
- Weather Proof Disconnect Switch
- Variable Speed Control
- Speed Control Switch
- Thermal Overload Protection
- Gravity Backdraft Damper
- Roof Curb
- AMCA Seal & UL Certified

KEYED NOTES:

- CONNECT AIR DISTRIBUTION DUCT TO ROOF MOUNTED UNIT EQUIPMENT AS NECESSARY. PROVIDE TRANSITION IN CURB AS REQUIRED FOR UNIT CONNECTION.
- EXHAUST FOR OVENS AND TOASTERS. HOOD IS REQUIRED AT THE BACK OF HOUSE OVEN. IF A HOOD IS REQUIRED FOR OVEN BY LOCAL JURISDICTION PROVIDE TYPE-II "HEAT ONLY" HOOD. RUN SHEETMETAL DUCT FROM CONNECTION ON HOOD TO RESPECTIVE EXHAUST FAN. OFFSET AND TRANSITION AT CONNECTIONS AS NEEDED. VERIFY DIMENSIONS PRIOR TO FABRICATION OR INSTALLATION. USE FACTORY MANUFACTURED PIPE AND FITTINGS ONLY. VERIFY LOCATION ON SITE WITH MOST RECENT KITCHEN PLANS.
- PROVIDE PROGRAMMABLE THERMOSTAT WITH LOCKING COVER. LOCATE THERMOSTAT IN MANAGER'S OFFICE. PROVIDE REMOTE SENSOR LOCATED 72" ABOVE FINISHED FLOOR NEAR LOCATION INDICATED. SEAL WALL OPENINGS WITH CAULK. COORDINATE LOCATION ON SITE WITH GENERAL CONTRACTOR AND EQUIPMENT. AVOID LOCATING NEAR OR ABOVE SOURCES OF HEAT.
- CONCENTRIC VENT LINE FOR COMBUSTION AIR INTAKE / EXHAUST FROM GAS FIRED EQUIPMENT TO ROOF TERMINATION KIT. ROUTE PIPING FROM RESPECTIVE UNIT TO LOCATION INDICATED ON ROOF PLAN. ROUTE PIPING WITH MINIMAL AMOUNT OF BENDS AND MINIMUM LENGTH AS REQUIRED BY RESPECTIVE UNIT MANUFACTURER'S REQUIREMENTS.
- TOILET ROOM EXHAUST AIR DUCT UP THROUGH ROOF. TERMINATE ON ROOF WITH MUSHROOM CAP AIR RELIEF VENT WITH INSECT SCREEN.
- HOOD CONTROLLER UNIT. COORDINATE WITH CAPTIVE AIRE ON THE REQUIRED LOCATION AND CONNECTION REQUIREMENTS. COORDINATE WITH ELECTRICAL CONTRACTOR FOR ELECTRICAL CONNECTIONS.
- ROOM TEMPERATURE SENSOR FOR THE CONTROL OF THE HOODS. COORDINATE WITH CAPTIVE AIRE ON THE REQUIRED LOCATION AND CONNECTION REQUIREMENTS.

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Rev. No.	Drawing Issues / Revisions	Date

Gary Kliesch
A.L.A., N.A.A.R.B., N.C.I.B.

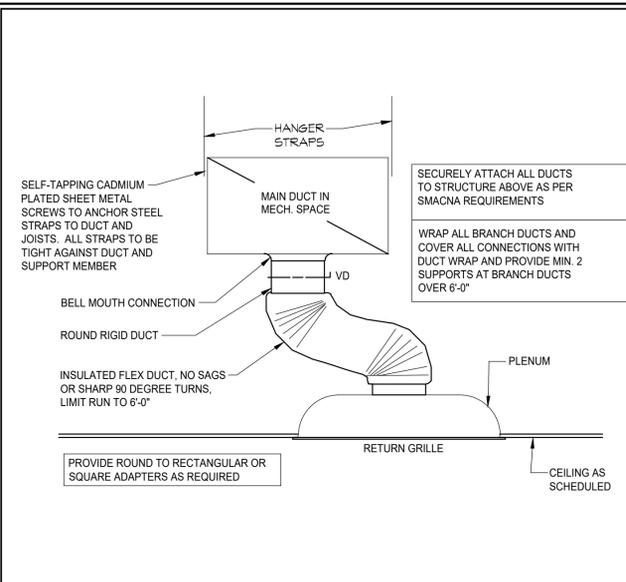
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D.C.: ARC101838 MA: 10810
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Proposed Alteration of:
DUNKIN'
40 S. Route 9W
West Haverstraw, NY
PC #302235

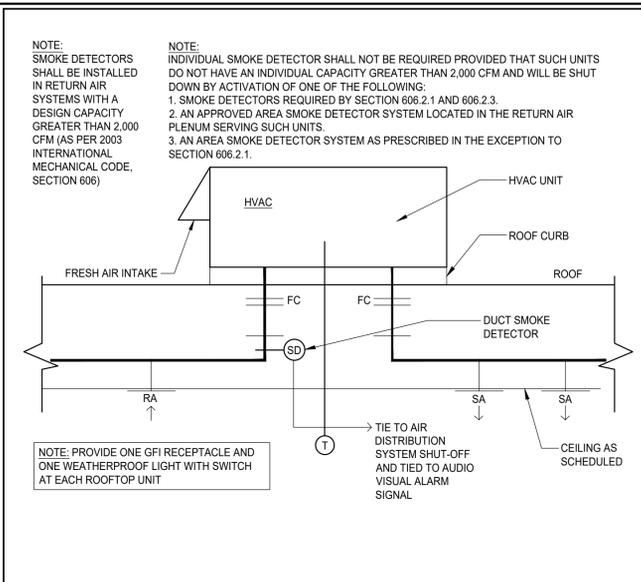
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Drawing Title:
MECHANICAL PLAN, NOTES,
MECHANICAL SCHEDULES

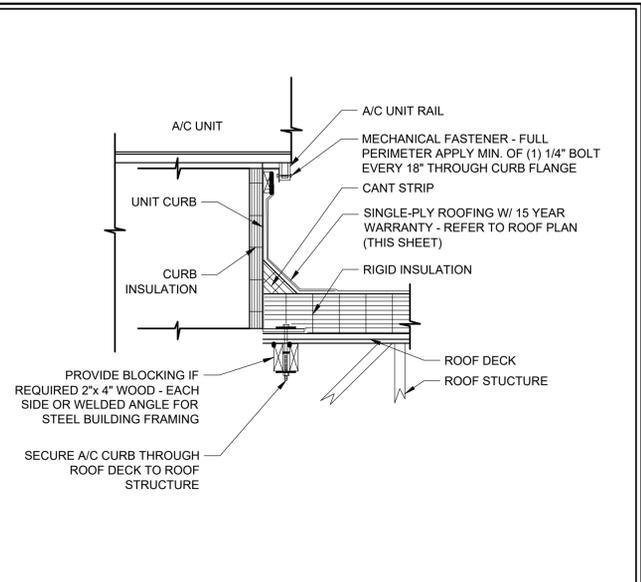
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Dwg No. M 1.0
Drawn By: A.T.
Checked By: C.F.
Job No: 19-242
1 of 3



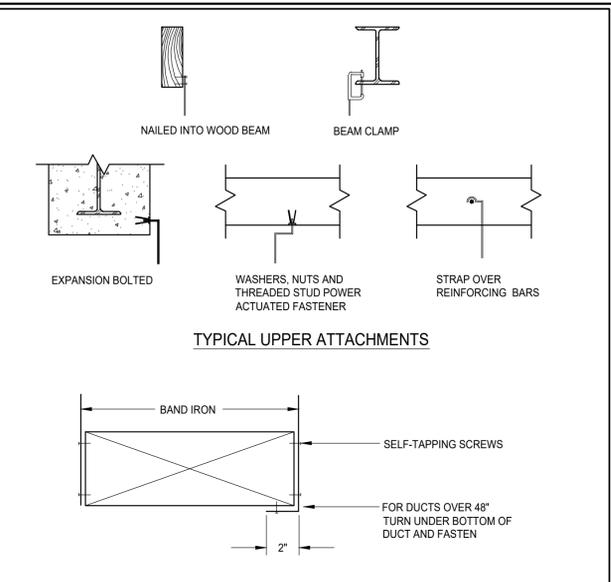
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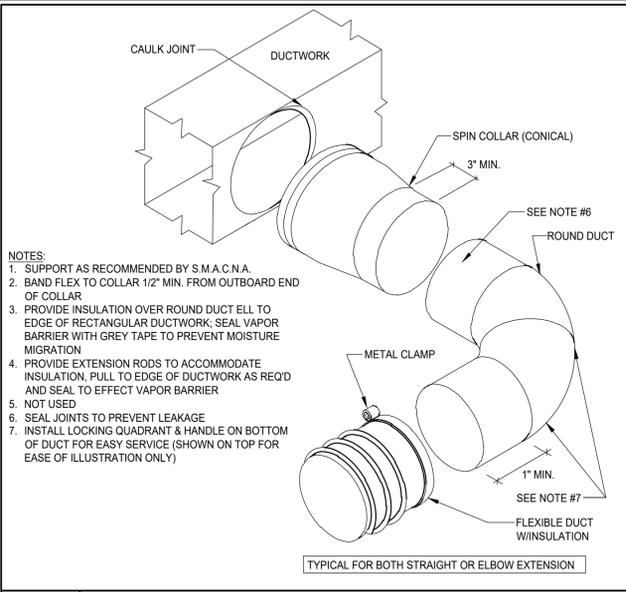
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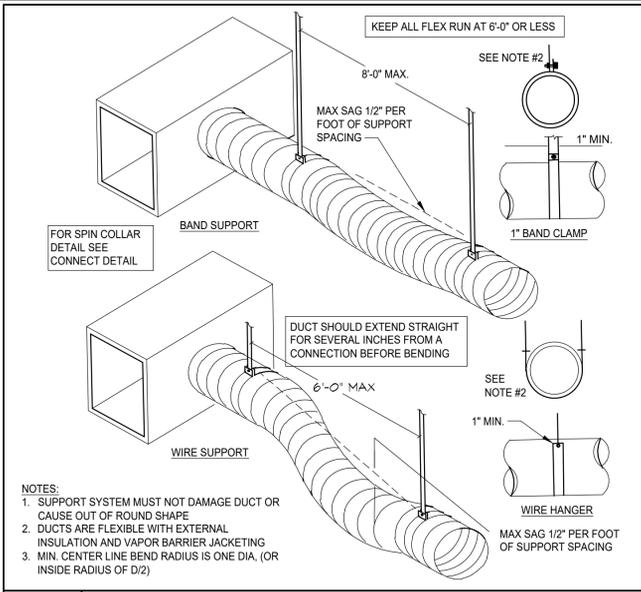
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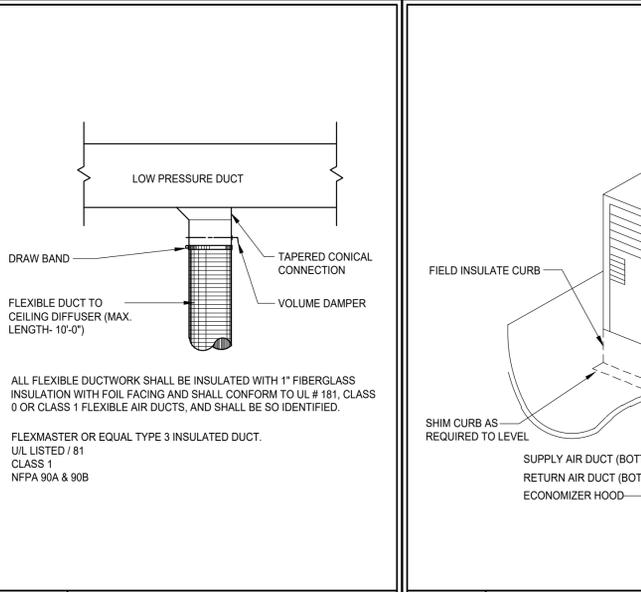
4 DUCT HANGING DETAILS
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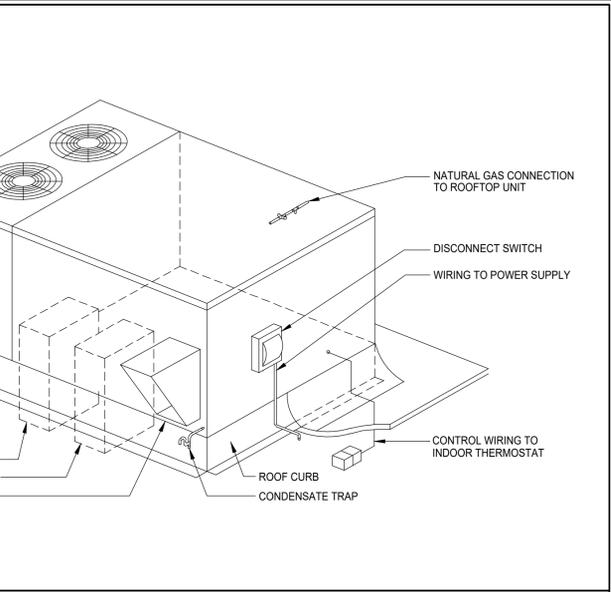
5 FLEX DUCT CONNECTION
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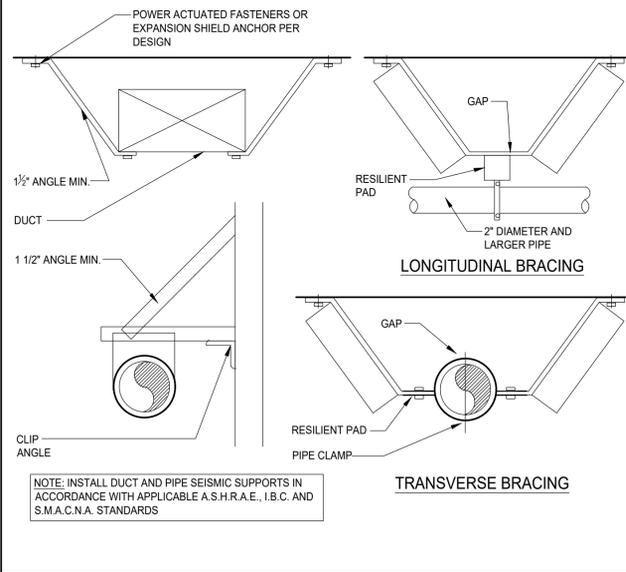
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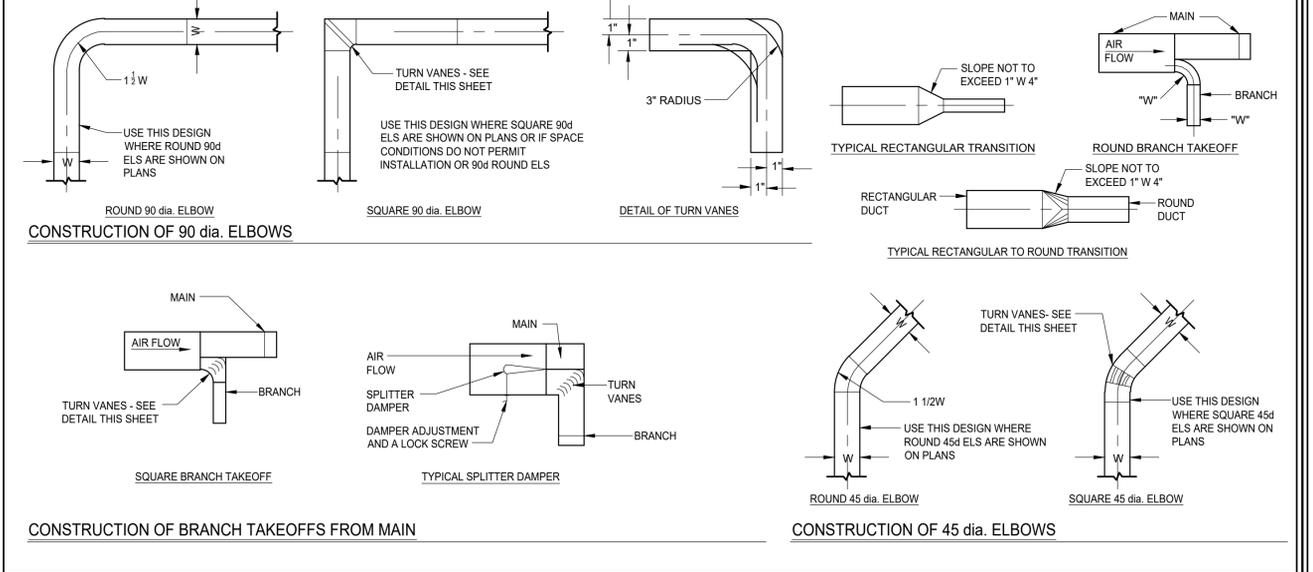
7 LOW PRESSURE FLEXIBLE DUCT DET.
NO SCALE NOTE:



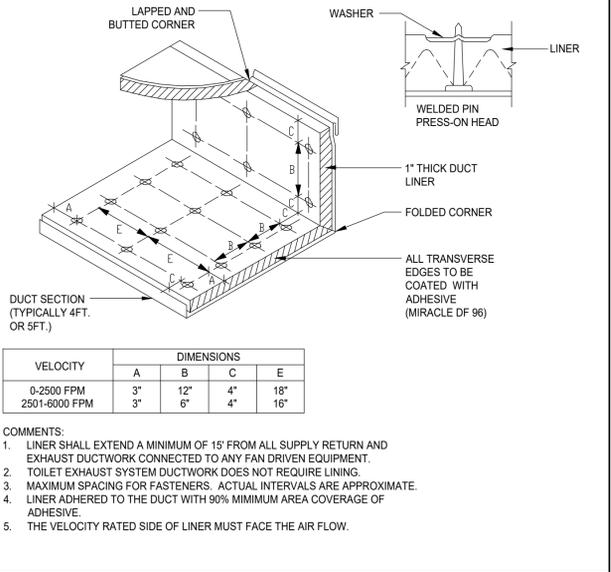
8 TYPICAL ROOF TOP UNIT DETAIL
NO SCALE NOTE:



9 SEISMIC BRACING (DUCTS AND PIPING)
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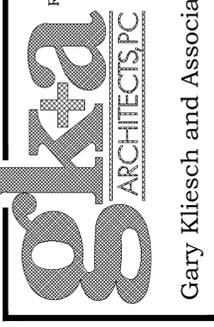


10 LOW PRESSURE DUCT DETAILS
NO SCALE NOTE:



11 DUCT LINER INSTALLATION DETAIL
NO SCALE NOTE:

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Rev. No.	Drawing Issues / Revisions	Date

NJ: AI 13332
NY: 029618
FL: AR95782
WI: 11180-5
PA: AR-01511218
D.C.: AR-01888
GA: RA 019883
VA: 4010373
NC: 11736
WV: 4569
NH: 04487

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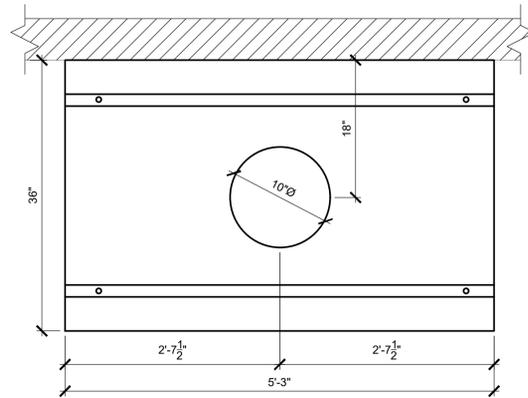
Gary Kliesch
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Proposed Alteration of:
DUNKIN'
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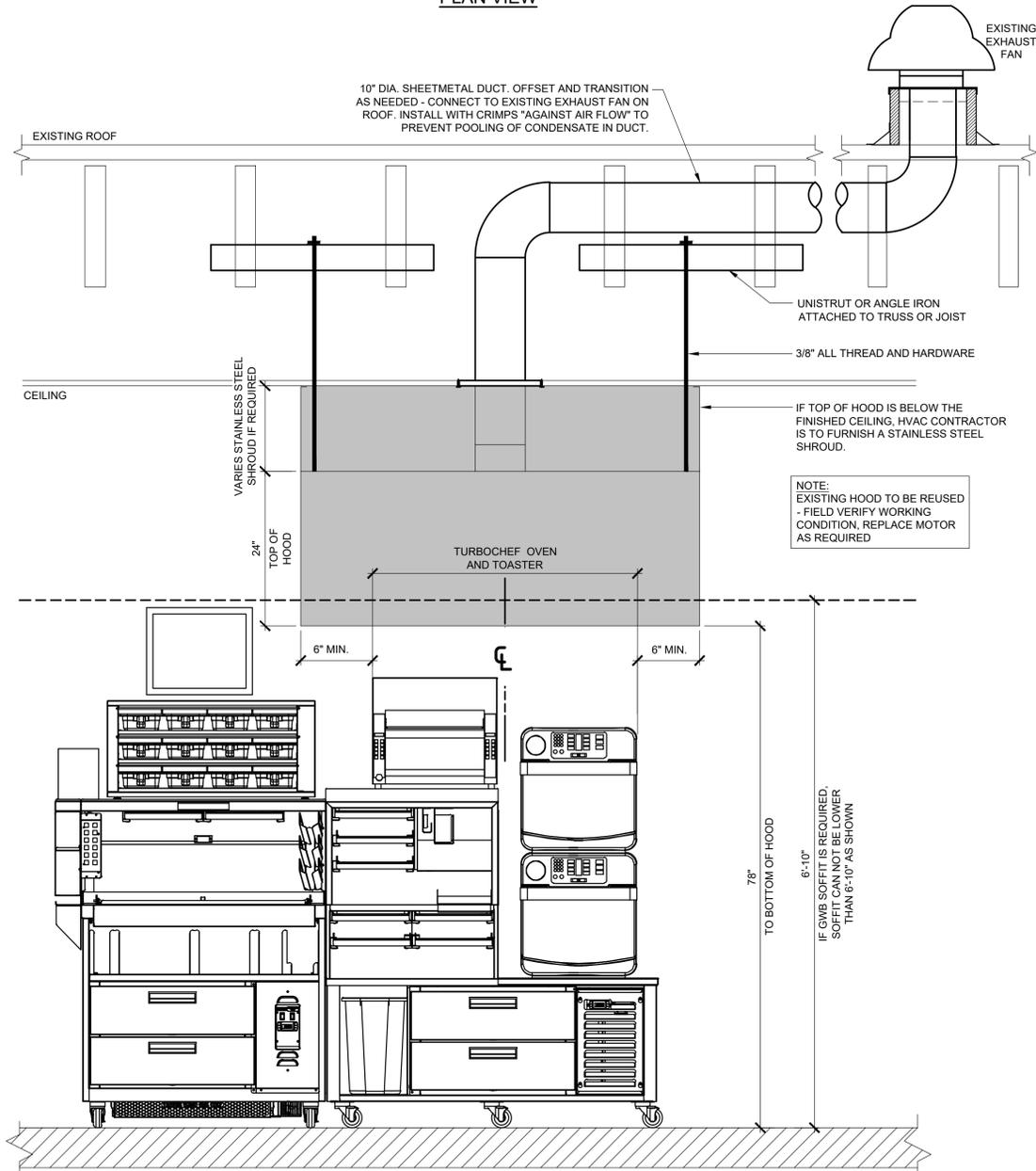
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Drawing Title:
MECHANICAL DETAILS

Date:	Dwg No.
08/17/21	M 2.0
Drawn By:	A.T.
Checked By:	C.F.
Job No:	19-242
	2 of 3



PLAN VIEW

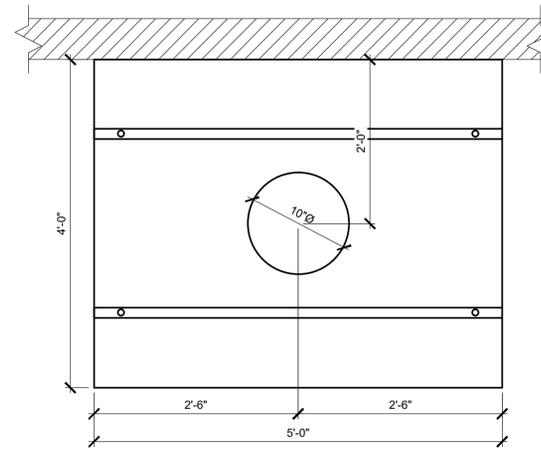


ELEVATION VIEW

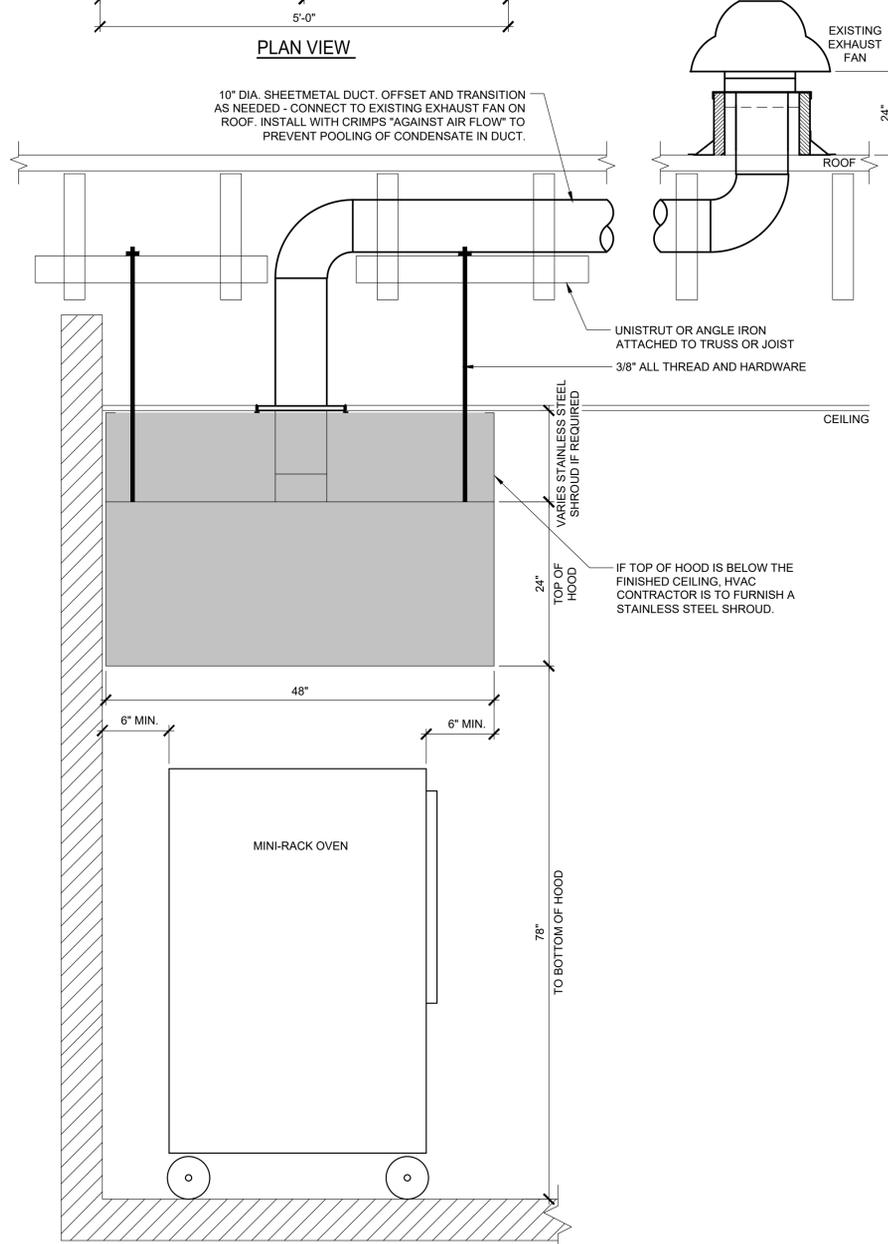
HOOD INFORMATION

MANUFACTURER	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM			CONSTRUCTION	WEIGHT
				TOTAL EXH. CFM	DIAMETER	RISER(S) CFM S.P.		
CAPTIVE-AIRE	3624 VHB	5'-3"	700 DEG.	525	10"	525 0.056	430 STAINLESS STEEL	172 LBS

1 SANDWICH STATION EXHAUST HOOD DETAIL



PLAN VIEW



ELEVATION VIEW

HOOD INFORMATION

MANUFACTURER	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM			CONSTRUCTION	WEIGHT
				TOTAL EXH. CFM	DIAMETER	RISER(S) CFM S.P.		
CAPTIVE-AIRE	4824 VHB	5'-0"	700 DEG.	500	10"	500 0.168	430 STAINLESS STEEL	237 LBS

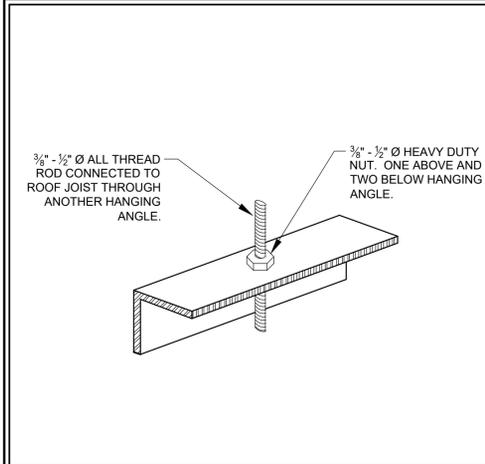
2 MINI-RACK OVEN EXHAUST HOOD DETAIL

GENERAL HOOD INSTALLATION NOTES:

- ALL ELECTRICAL "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY ELECTRICAL CONTRACTOR.
- ALL PLUMBING "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY PLUMBING CONTRACTOR.
- ALL ASSOCIATED HANGER MATERIALS BY INSTALLING CONTRACTOR.
- ANY LIGHTS SHOWN INSTALLED BY THE MANUFACTURER, AND FACTORY PREWIRED PER THE PLANS, INTERCONNECTIONS BETWEEN HOODS AND TO SWITCHES BY ELECTRICAL CONTRACTOR.
- SEISMIC RESTRAINTS ARE RESPONSIBILITY OF INSTALLING CONTRACTOR.
- INSTALLING CONTRACTOR ASSUMES ALL RELATED RESPONSIBILITY FOR VERIFICATION OF DIMENSIONAL DATA CONTAINED ON THESE DOCUMENTS FOR ACCURACY, INTEGRATION, AND ADMINISTRATION OF CODE REQUIREMENTS IN EFFECT PRIOR TO ANY RELEASE FOR PRODUCTION OF EQUIPMENT SHOWN.
- SIGNED AND "APPROVED" COPIES OF THIS DOCUMENT MUST BE RECEIVED BY THE FACTORY PRIOR TO COMMENCEMENT OF FABRICATION.
- NOMINAL HOOD DIMENSIONS AS SHOWN ON DRAWINGS.
- THE HOODS INDICATED SHALL BE CAPTIVE-AIRE MODEL VHB OR APPROVED EQUAL. THE HOOD SHALL BE SINGLE WALL TYPE HOOD WITH NO BUILT-IN MAKE-UP AIR CAPABILITIES. THE HOOD COMPONENTS SHALL BE FABRICATED OF TYPE 304 STAINLESS STEEL WITH A #3 OR #4 POLISH, ON ALL EXPOSED SURFACES. THE HOOD SHALL BE PROVIDED WITH HANGING ANGLES ON EACH END OF THE HOOD. NOMINAL HOOD DIMENSIONS SHALL BE AS SHOWN ON DRAWINGS.

HOOD CONTROL SEQUENCE OF OPERATIONS

- MANUAL CONTROL:
- TO TURN ON THE HOOD SYSTEM, PUSH THE FAN AND LIGHTS BUTTONS ON THE TOUCH SCREEN USER INTERFACE. THE FANS AND LIGHTS WILL TURN ON AND THE INDICATING LIGHTS ADJACENT TO THE BUTTONS WILL ILLUMINATE INDICATING THE FANS AND LIGHTS ARE ON.
 - TO TURN OFF THE HOOD SYSTEM, PUSH THE FAN AND LIGHTS BUTTONS ON THE TOUCH SCREEN USER INTERFACE. THE FANS AND LIGHTS WILL TURN OFF AND THE INDICATING LIGHTS ADJACENT TO THE BUTTONS WILL GO OUT INDICATING THE FANS AND LIGHTS ARE OFF.
 - THE HOOD WILL REMAIN ON BASED ON DIFFERENTIAL TEMPERATURE BETWEEN THE ROOM THERMOSTAT AND THE HOOD TEMPERATURE PROBE. ONCE THE EQUIPMENT COOLS DOWN, THE HOOD WILL SYSTEM WILL TURN OFF AUTOMATICALLY.
- AUTOMATIC CONTROL:
- THE HOOD SYSTEM WILL TURN ON AUTOMATICALLY ONCE THE TEMPERATURE WITHIN THE HOOD SYSTEM REACHES A SET TEMPERATURE. THE INDICATOR LIGHT ADJACENT TO THE FANS BUTTON ON THE TOUCH SCREEN USER INTERFACE WILL ILLUMINATE. THE LIGHTS WILL NEED TO BE TURNS ON MANUALLY.
 - THE HOOD SYSTEM WILL TURN OFF AUTOMATICALLY AS DESCRIBED ABOVE.
- GENERAL:
- THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH CAPTIVE AIRE.
 - THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR ON THE REQUIRED WIRING OF THE OF THE HOOD CONTROLS PER THE CAPTIVE AIRE DRAWINGS.



3 HANGING ANGLE DETAIL

NONE

HOODS SHALL BE BUILT IN COMPLIANCE WITH

NSF
BUILT IN ACCORDANCE WITH NFPA No. 96
ETL LISTED

NFPA #96
NSF
UL 710 & ULC710 STANDARDS
E.T.L. LISTED 3054804-001

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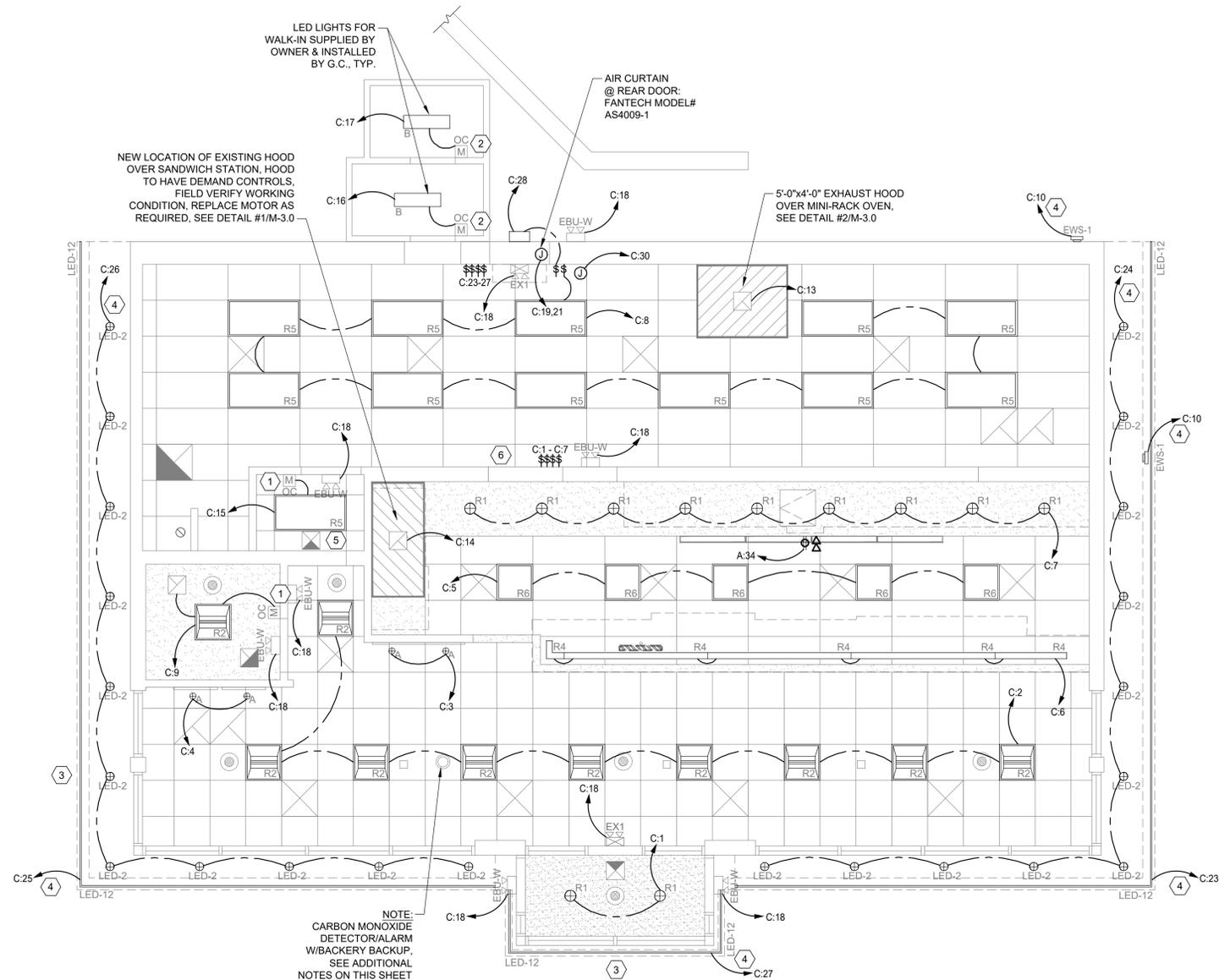
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GA: RA 019863
VA: 401016373
NC:11736 WY: 4569 NH:04487

Gary Kliesch
A.I.A., NCAARB, NCBID

Proposed Alteration of:

40 S. Route 9W
West Haverstraw, NY
PC #302235

Drawing Title: SANDWICH STATION AND MINI-RACK OVEN EXHAUST HOOD DETAILS, NOTES	
Date: 08/17/21	Dwg No. M 3.0
Drawn By: A.T.	
Checked By: C.F.	
Job No: 19-242	3 of 3



KEYED NOTES:

- INSTALL SWITCH HEIGHT MOUNTED OCCUPANCY SENSOR, HUBBELL MODEL LHRS1, IN THE RESTROOM AND OFFICE.
- PROVIDE OCCUPANCY SENSOR SWITCHES FOR WALK-IN REFRIGERATOR AND FREEZER. ENSURE SWITCHES ARE SUITABLE FOR TEMPERATURE OF SPACE.
- CIRCUIT EXTERIOR SIGNS AND PYLON SIGN THROUGH LIGHTING CONTROL PANEL. VERIFY QUANTITY AND LOCATION WITH ARCHITECTURAL DRAWINGS.
- CIRCUIT EXTERIOR LIGHTS AND LED LIGHTS THROUGH LIGHTING CONTROL PANEL. VERIFY QUANTITY AND LOCATION WITH ARCHITECTURAL DRAWINGS.
- SPEAKER AND SOUND SYSTEM TO BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. LOCATE VOLUME CONTROL IN THE OFFICE. SEE ARCHITECTURAL CEILING PLAN FOR EXACT LOCATION AND CONTROL.
- PROVIDE CONTROL RELAY PANEL AS SPECIFIED BY THE LIGHTING VENDOR. PROVIDE AND INSTALL DIGITAL SWITCH(ES) AS REQUIRED. LOCATION OF SWITCHES BY ARCHITECT OR OWNER.

DIGITAL MENU BOARDS NOTES

- CONFIRM REQUIREMENTS AND LOCATION WITH ARCHITECTURAL DRAWINGS
- GC ELECTRICIAN CONTRACTOR (EC) TO COORDINATE WHICH OPTION IS TO BE SELECTED BY FRANCHISEE (FEE) PRIOR TO BIDDING OR PERFORMING WORK. AUTHORITY HAVING JURISDICTION (AHU) MAY REQUIRE FULL WIRE PREP BY GC/EC
- GC TO ALERT CM, FEE, AND DMB INSTALLER (VIA PHONE AND EMAIL) IF GC/EC MUST PERFORM ALL ELECTRICAL INSTALL WORK
- GC POWER/DATA RESPONSIBILITY
- GC'S ELECTRICIAN TO RUN DEDICATED CONDUIT FROM POWER PANEL TO JUNCTION BOX (J-BOX) ON BACK SIDE OF MENU BOARD FASCIA AT CENTER LINE OF POS
 - GC'S ELECTRICIAN TO RUN CONDUIT WITH J-BOX FROM BACK SIDE OF MENU BOARD FASCIA AT CENTER LINE OF POS TO OFFICE
- DMB VENDOR POWER/DATA RESPONSIBILITY
- CUT HOLE IN MENU BOARD FASCIA FOR POWER/DATA STACK
 - INSTALL POWER/DATA STACK IN FASCIA
 - RUN ELECTRICAL CONDUCTOR WIRE FROM MENU BOARD FASCIA TO ELECTRICAL PANEL
 - MAKE FINAL ELECTRICAL CONNECTION AT POWER/DATA STACK
 - MAKE FINAL ELECTRICAL CONNECTION TO CIRCUIT AT POWER PANEL
 - RUN CAT-5E CABLES AND TERMINATE ENDS AT MENU BOARD FASCIA POWER/DATA STACK AND IN OFFICE

GENERAL NOTES:

- ALL WORK SHALL COMPLY WITH ALL LOCAL AND STATE CODES AND AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS AND ARRANGE ALL REQUIRED INSPECTIONS.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS AND TRADES.
- THESE DRAWINGS, AS PREPARED, ARE DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS CONSTRUCTION OF THE PROJECT AND THE WORK OF THE TRADES WILL PERMIT. EQUIPMENT LOCATIONS INDICATED ARE APPROXIMATE. COORDINATE EXACT LOCATIONS AND REQUIRED CLEARANCES WITH EQUIPMENT SUPPLIER AND ALL TRADES PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL THE EQUIPMENT INDICATED WITHIN THESE DRAWINGS UNLESS OTHERWISE NOTED. VERIFY LOCATION AND DIMENSIONS IN THE FIELD PRIOR TO FABRICATION AND / OR INSTALLATION.
- ALL ROOF PENETRATIONS SHALL BE AT THE CONTRACTOR'S EXPENSE. COORDINATE WITH OWNER'S ROOFING CONTRACTOR SO AS NOT TO VOID ANY EXISTING ROOF WARRANTIES.
- THE ENTIRE INSTALLATION SHALL BE GUARANTEED FREE OF DEFECTS AND CONTRACTOR SHALL REPAIR AND / OR REPLACE ANY DEFECTIVE MATERIALS OR EQUIPMENT AT NO COST TO THE OWNER FOR A MINIMUM PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY ARCHITECT OR ENGINEER.
- ALL WORK SHALL BE SUBJECT TO THE ACCEPTANCE AND APPROVAL OF THE ARCHITECT AND OWNER. THE ARCHITECT SHALL BE NOTIFIED OF ANY AND ALL DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE OF PROPER NOTIFICATION DOES NOT RELIEVE THE CONTRACTOR. THE CONTRACTOR SHALL CORRECT ANY AND ALL WORK ARISING FROM SUCH FAILURE TO COORDINATE DISCREPANCIES TO THE SATISFACTION OF THE ARCHITECT WITHOUT ADDITIONAL COST TO THE OWNER. COORDINATE ALL EQUIPMENT UTILITY INFORMATION SHOWN ON THIS SHEET WITH THE DUNKIN' BRANDS EQUIPMENT SCHEDULE AND EQUIPMENT MANUFACTURER'S CUT SHEETS.
- ALL EXTERIOR LIGHTS TO BE TIMECLOCK CONTROLLED.
- ALL 15 AND 20 AMP, 120 VOLT RECEPTACLES IN KITCHEN AND PREP AREAS SHALL BE GFI TYPE.
- ALL JUNCTION BOXES SHOWN ON THIS PLAN ARE TO BE INSTALLED ABOVE THE FINISHED CEILING.
- ALL EMERGENCY AND EXIT FIXTURES SHALL BE CONNECTED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING. PROVIDE ADDITIONAL FIXTURES AS NEEDED TO MEET THE CODE REQUIREMENTS PER LOCAL REQUIREMENTS.
- PROVIDE WOOD BLOCKING BEHIND ALL EXTERIOR LIGHTING FIXTURES COORDINATE WITH GENERAL CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE LATEST KITCHEN PLANS AND EQUIPMENT CUTS SHEETS FOR PROPER EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS PRIOR TO STARTING WORK.

1 LIGHTING PLAN
1/4"=1'-0"

ELECTRICAL SYMBOLS

- INDICATES FLUORESCENT FIXTURE TO BE PROVIDED WITH EMERGENCY BATTERY BACKUP SYSTEM
- HID/INCANDESCENT FIXTURE, LETTER INDICATES TYPE, SEE SCHEDULE
- EBU SELF-CONTAINED EMERGENCY BATTERY LIGHTING UNIT POWER AND SENSING TO BE TAKEN AHEAD OF ANY CIRCUIT SWITCHING.
- EX1 COMBINATION EXIT LIGHT AND EMERGENCY BATTERY LIGHTING UNIT. TYPICAL AS DESCRIBED ABOVE
- § SINGLE POLE SWITCH, 20 AMP RATED, +48" A.F.F. ALL CORRIDOR, STAIR, HALL AND PUBLIC TOILET SWITCHES SHALL BE KEY OPERATED TYPE.
- S3/S4 THREE AND FOUR WAY SWITCH, 20 AMP RATED, +48" A.F.F. ALL CORRIDOR, STAIR, HALL AND PUBLIC TOILET SWITCHES SHALL BE KEY OPERATED.
- JUNCTION BOX
- INDICATES 1PST, 30 AMP RATED, 7 DAY 24 HR TIME CLOCK WITH BACKUP MECHANICAL WINDER. SUB # INDICATES MULTIPLE
- Sm MANUAL MOTOR SWITCH, MOTOR RATED WITH PILOT LIGHT & T/O PROTECTION, +48" A.F.F.
- DUPLEX RECEPTACLE, +16" A.F.F. GENERALLY, 20 AMP RATED, GF-GROUND FAULT TYPE, WP-WEATHERPROOF. MOUNTED ABOVE COUNTERS OR FURNITURE WHERE INDICATED. COORDINATE IN FIELD WITH ARCHITECT DRAWINGS LETTER AND # INDICATED PANEL AND CIRCUIT WHERE CONNECTED TO.
- HUBBELL #USB15X2I (IVORY) / NP26I (IVORY) COMBO USB CHARGER WITH TAMPER-RESISTANT RECEPTACLE; MOUNT 3'-2 1/2" AFF.

- SPECIAL RECEPTACLE, VOLTAGE AND AMPERAGE BASED ON CONNECTED CIRCUIT
- QUAD RECEPTACLE, 20A, 120V
- DUPLEX RECEPTACLE WITH BUILT-IN SURGE PROTECTION, 20 AMP RATED, ISOLATED GROUND TYPE, HUBBELL #IG5352S OR APPROVED EQUAL
- DUPLEX RECEPTACLE, 20 AMP RATED, ISOLATED GROUND TYPE, HUBBELL OR APPROVED EQUAL DOUBLE DUPLEX IN COMMON BOX AND PLATE.
- BOX/COVER AND 3/4" CONDUIT TO HUNG CEILING.
- DISCONNECT SWITCH- FUSED OR UNFUSED, HEAVY DUTY TYPE, MOTOR RATED, WP-WEATHERPROOF.
- MAGNETIC MOTOR STARTER, MOTOR RATED, 3 COIL OVERLOAD, CONTROL CIRCUIT TRANS. & FUSE WHERE REQUIRED, INDICATING LIGHTS, ONE SET EACH N10 & N1C INTERLOCKS. COORDINATE COIL VOLTAGE WITH MECHANICAL CONTRACTOR ATC MANUFACTURER.
- CIRCUIT DESIGNATION TO PANEL, TICKS INDICATES # OF WIRES OVER TWO.
- TELEPHONE OUTLET, BOX/COVER AND 3/4" CONDUIT ABOVE HUNG CEILING
- MECHANICAL EQUIPMENT DESIGNATION, SEE MECHANICAL DRAWING FOR EXACT LOCATION
- CARBON MONOXIDE ALARM; SEE NOTES ON SHEET E-1

BRANCH CIRCUIT WIRING SCHEDULE

BREAKER SIZE	BRANCH CIRCUIT WIRING AND CONDUIT SIZE
1P/15A	2#12, #12G-3/4"
1P/20A	2#12, #12G-3/4"
2P/20A	2#12, #12G-3/4"
2P/25A	2#10, #10G-3/4"
3P/20A	3#12, #12G-3/4"
2P/30A	2#10, #10G-3/4"
3P/30A	3#10, #10G-3/4"
2P/40A	2#8, #10G-3/4"
3P/40A	3#8, #10G-1"
2P/50A	2#6, #10G-1"
3P/50A	3#6, #10G-1"
2P/60A	2#4, #10G-3/4"
3P/60A	3#4, #10G-1 1/4"
2P/70A	2#4G, #8G-1"
3P/70A	3#4, #8G-1 1/4"
3P/100A	4#2, #8G-1 1/2"

SEE PLANS FOR CONFIGURATIONS NOT LISTED

CARBON MONOXIDE ALARM NOTES

- CARBON MONOXIDE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING WHERE SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE. AND WHEN PRIMARY POWER IS INTERRUPTED, SHALL RECEIVE POWER FROM A BATTERY. WIRING SHALL BE PERMANENT AND WITHOUT A DISCONNECTING SWITCH OTHER THAN THAT REQUIRED FOR OVERCURRENT PROTECTION.
- CARBON MONOXIDE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 2034.
- CARBON MONOXIDE DETECTION SYSTEMS SHALL COMPLY WITH NFPA 720. CARBON MONOXIDE DETECTORS SHALL BE LISTED IN ACCORDANCE WITH UL 2075.
- COMBINATION CARBON MONOXIDE/ SMOKE DETECTORS INSTALLED IN CARBON MONOXIDE DETECTION SYSTEMS SHALL BE AN ACCEPTABLE ALTERNATIVE TO CARBON MONOXIDE DETECTORS, PROVIDED SUCH COMBINATION DETECTORS ARE LISTED IN ACCORDANCE WITH UL 2075 AND UL 268.

CEILING LEGEND

- 2x2 LAY-IN LED TROFFER LIGHT FIXTURE
 - 2x4 LAY-IN LED LIGHT FIXTURE W/ LENS
 - 2x2 LAY-IN LED LIGHT FIXTURE W/ LENS
 - 2x4 LAY-IN LED TROFFER LIGHT FIXTURE
 - LED-11/ LED-12/ LED-13/ LED-14 EXTERIOR LED TAPE LIGHT
 - LED-2 EXTERIOR RECESSED LIGHT FIXTURE
 - R1 LED RECESSED LIGHT FIXTURE
 - C TRACK LIGHT
 - R4 ORANGE LIGHT BAR FIXTURE
 - P1/P2 SUSPENDED LINEAR LED FIXTURE
 - A WALL WASH FIXTURE
 - M WALL-MTD OCCUPANCY SENSOR
 - RETURN/CEILING EXHAUST REGISTER
 - SUPPLY AIR DIFFUSER - 4 WAY
 - FLUE
 - EBU WALL MTD EMERG LIGHT
 - EX1 WALL MTD EMERG LIGHT/ EXIT SIGN COMBO
 - EMERGENCY LIGHT REMOTE HEAD
 - SPEAKER
 - GYPSUM BOARD CEILING
 - 2"X2" CEILING GRID SYSTEM
 - 2"X4" CEILING GRID SYSTEM
 - ACCESS HATCH
 - ORDER STATUS BOARD/ EXPEDITOR VDU
 - WALL PACK
 - WALL PACK #2
 - EXTERIOR WALL MOUNT LIGHT
 - CARBON MONOXIDE ALARM
- NOTE: SEE ARCHITECTURAL DWG'S FOR MORE INFORMATION ON LIGHT FIXTURES.

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ARCHITECTS PC

Gary Kliesch and Associate Architects

Rev.	Desc.	Date

NJ: AI 13332
NY: 025618
FL: AR95762
WI: 11180-5
PA: RA-01511218 SC: 8935
D.C.: ARC101838 MA: 10810
GA: RA 019883 MI: 1301064135
VA: 401016373 IL: 001.023586
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Gary Kliesch
AIA, NARIB, NCOID

Proposed Alteration of:

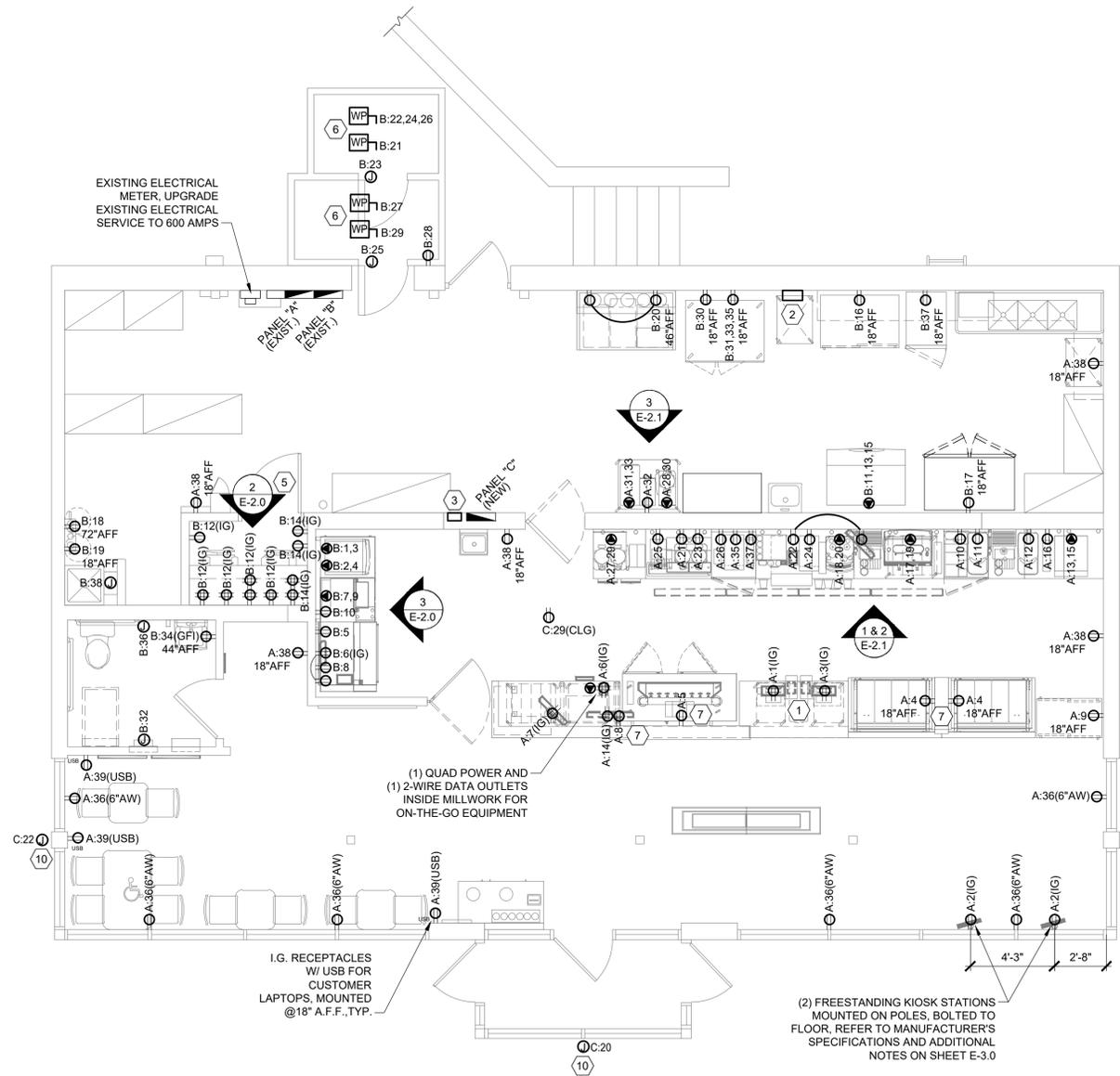
DUNKIN'

40 S. Route 9W
West Haverstraw, NY
PC #302235

OMNI

Drawing Title:
LIGHTING PLAN, LEGEND,
WIRING SCHEDULE,
ELECTRICAL SYMBOLS,
NOTES

Date:	Dwg No.
08/17/21	
Drawn By:	
A.T.	E
Checked By:	1.0
C.F.	
Job No:	
19-242	1 of 6



NOTE:

- CERTAIN EQUIPMENT ITEMS HAVE SEVERAL DIFFERENT MANUFACTURER OPTIONS. ELECTRICAL CONTRACTOR TO REVIEW EQUIPMENT PLAN AND SCHEDULE ON "K" SHEETS TO DETERMINE WHICH ITEMS ARE AFFECTED AT THIS LOCATION. REVIEW FINAL EQUIPMENT LIST AS PROVIDED BY CONSTRUCTION MANAGER TO CONFIRM CORRECT ELECTRICAL REQUIREMENTS FOR THESE ITEMS.
- PROVIDE OUTLET, CONDUIT & LOW VOLTAGE WIRING FOR ELECTRIC CHARGING STATION IF APPROVED.
- ALL PREP / STORAGE AREA RECEPTACLES TO BE G.F.I. (TYP.)
- ALL RECEPTACLES IN OFFICE TO BE I.G.

ELECTRICAL SYMBOLS

- INDICATES FLUORESCENT FIXTURE TO BE PROVIDED WITH EMERGENCY BATTERY BACKUP SYSTEM
- HID/INCANDESCENT FIXTURE, LETTER INDICATES TYPE, SEE SCHEDULE
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- Ⓜ USB HUBBELL #USB15X2I (IVORY) / NP26I (IVORY) COMBO USB CHARGER WITH TAMPER-RESISTANT RECEPTACLE, MOUNT 18" AFF.
- Ⓜ SPECIAL RECEPTACLE, VOLTAGE AND AMPERAGE BASED ON CONNECTED CIRCUIT
- Ⓜ QUAD RECEPTACLE, 20A, 120V
- Ⓜ DUPLEX RECEPTACLE WITH BUILT-IN SURGE PROTECTION, 20 AMP RATED, ISOLATED GROUND TYPE, HUBBELL #IG5352S OR APPROVED EQUAL
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- ▲ TELEPHONE OUTLET, BOX/COVER AND 3/4" CONDUIT ABOVE HUNG CEILING
- Ⓜ MECHANICAL EQUIPMENT DESIGNATION, SEE MECHANICAL DRAWING FOR EXACT LOCATION
- Ⓜ CARBON MONOXIDE ALARM; SEE NOTES ON SHEET E-1

KEYED NOTES:

- SEE POS AND COMMUNICATIONS. PLAN FOR FURTHER INFORMATION REGARDING POS AND UNDER COUNTER ELECTRICAL SERVICE.
- CONTRACTOR SHALL PROVIDE POWER AND NECESSARY WIRING FOR THE HOOD CONTROL PANEL. SEE THE CAPTIVE AIRE DRAWINGS FOR WIRING REQUIREMENTS
- CONTROL RELAY PANEL. SEE LIGHTING PLAN FOR SCHEDULE AND CONTROL DETAIL DRAWINGS FOR ADDITIONAL INFORMATION.
- PROVIDE JUNCTION BOXES AT TOILETS, SINKS AND URINAL IF ALTERNATE "HANDS FREE" TOILET FIXTURES ARE BEING PROVIDED.
- REFER TO POS COMMUNICATIONS FLOOR PLAN FOR LOCATIONS AND ELEVATIONS OF OFFICE RECEPTACLES.
- SINGLE POINT CONNECTION FOR WALK-IN FREEZER AND REFRIGERATOR. THE CONTRACTOR SHALL CONFIRM ELECTRICAL REQUIREMENTS AND MEANS OF DISCONNECT OF THE ROOF MOUNTED CONDENSING UNITS AND EVAPORATOR UNITS LOCATED WITHIN THE BOXES. ALSO, PROVIDE ELECTRICAL CONNECTION OF DOOR HEATER, CONDENSATE DRAIN AND HEAT TRACE TAPE
- MOUNT RECEPTACLES FOR FRONTLINE BEVERAGE DISPENSER AND BAKERY DISPLAY CASES IN MILLWORK AS REQUIRED. PROVIDE FLEXIBLE CONDUIT WHIP FOR FINAL INSTALLATION AFTER MILL WORK IS INSTALLED. COORDINATE AS REQUIRED.
- CIRCUIT SHALL BE CIRCUITED AND CONTROLLED WITH LIGHTING IN THIS AREA.
- INSTALL UNDER-COUNTER CABLE MANAGEMENT SYSTEM-WIRE MOLD-UTCM5 OR EQUAL- COORDINATE WITH TABLE SUPPLIER FOR EXACT MOUNTING REQUIREMENTS.
- PROVIDE JUNCTION BOX FOR SIGNAGE. VERIFY LOCATION WITH ARCHITECTURAL DRAWINGS AND SIGN VENDOR. CONTROL VIA TIME CLOCK.

NOTES:

RECEPTACLES TAGGED WITH "USB" IN THE SALES & SEATING AREAS SHALL BE HUBBELL #USB15X2W (WHITE) / NP26W (WHITE) COMBO USB CHARGER WITH TAMPER-RESISTANT RECEPTACLE.

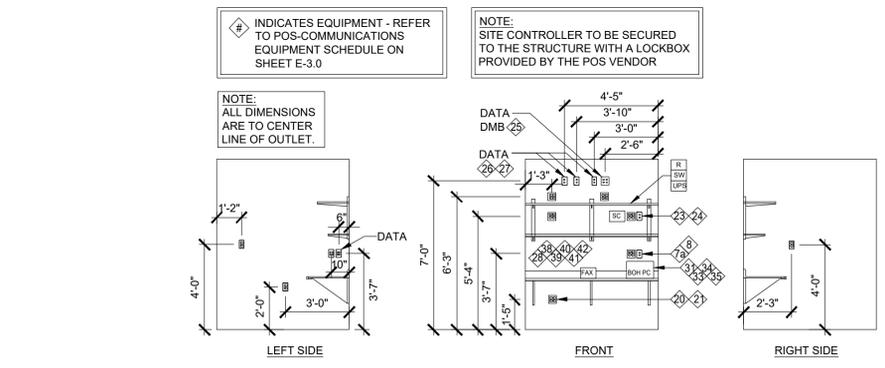
SEATING AREA RECEPTACLES SHALL BE WHITE WITH WHITE COVER PLATE AND ARE TO BE MOUNTED AT 18" A.F.F. UNLESS OTHERWISE NOTED.

POWER DEVICE LEGEND

- Ⓜ DUPLEX RECEPTACLE, 20A, 120V
- Ⓜ QUAD RECEPTACLE, 20A, 120V
- Ⓜ SPECIAL RECEPTACLE, VOLTAGE AND AMPERAGE BASED ON CONNECTED CIRCUIT
- Ⓜ JUNCTION BOX
- Ⓜ DISCONNECT SWITCH - FUSED OR UNFUSED

1 CIRCUIT PLAN

1/4" = 1'-0"

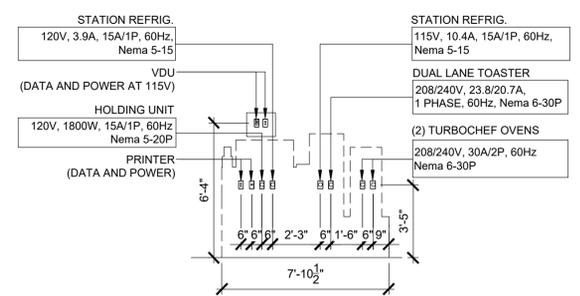


2 OFFICE ELEVATIONS

1/4" = 1'-0"

3 SANDWICH STATION ELEVATION

1/4" = 1'-0"



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Rev. No.	Drawing Issues / Revisions	Date

NJ: AI 13332
NY: 029618
FL: AR95762
WI: 11180-5
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Gary Kliesch
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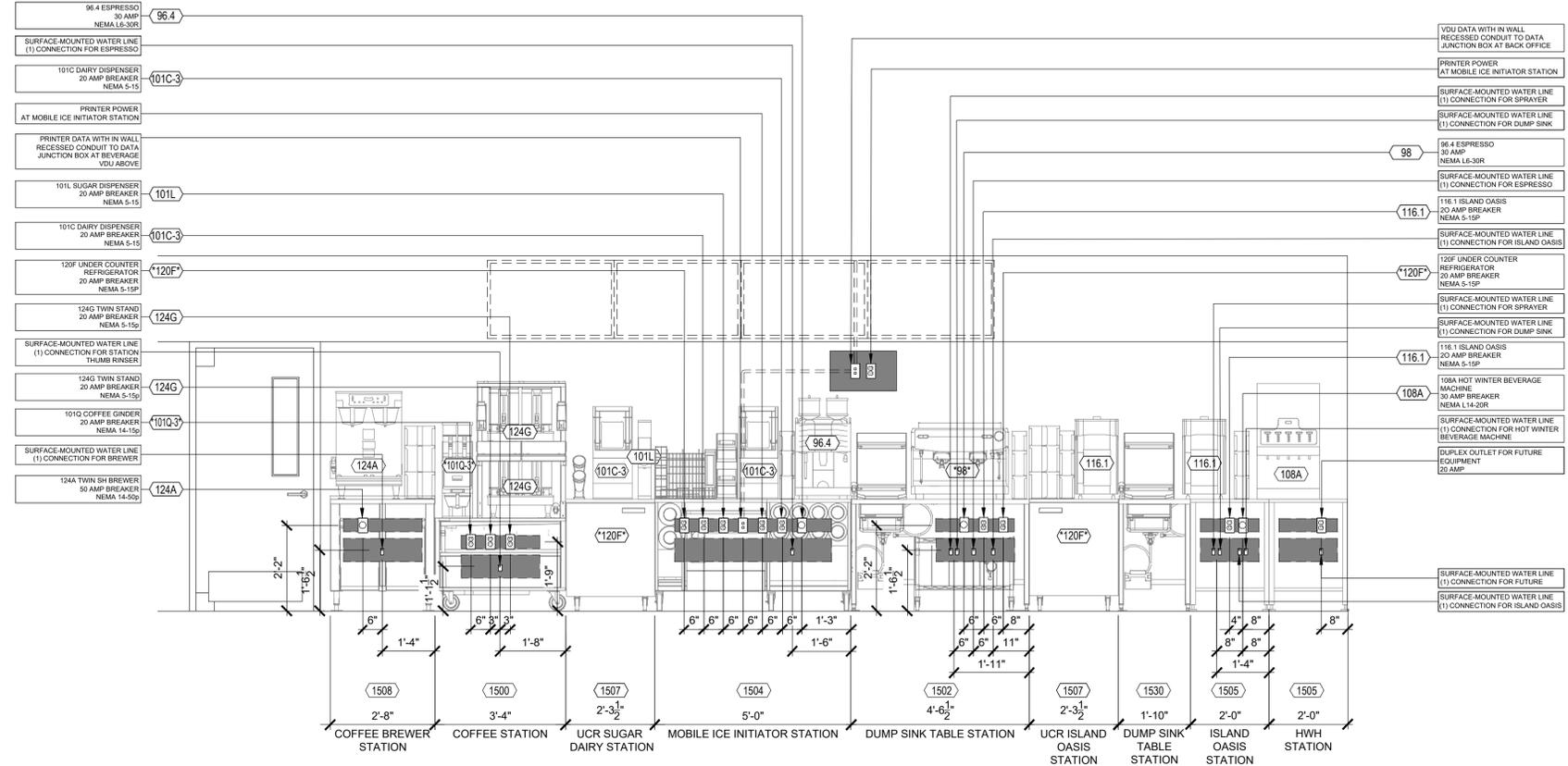
DUNKIN'

40 S. Route 9W
West Haverstraw, NY
PC #302235

OMNI

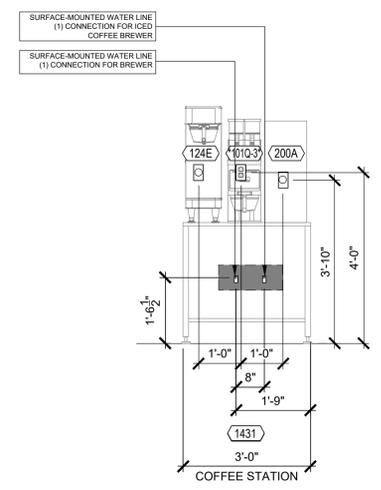
Drawing Title:
CIRCUIT PLAN,
LEGEND, NOTES,
ELECTRICAL SYMBOLS,
ELECTRICAL ELEVATIONS

Date:	Dwg No.
08/17/21	E
Drawn By:	2.0
A.T.	
Checked By:	
C.F.	
Job No:	2 of 6
19-242	



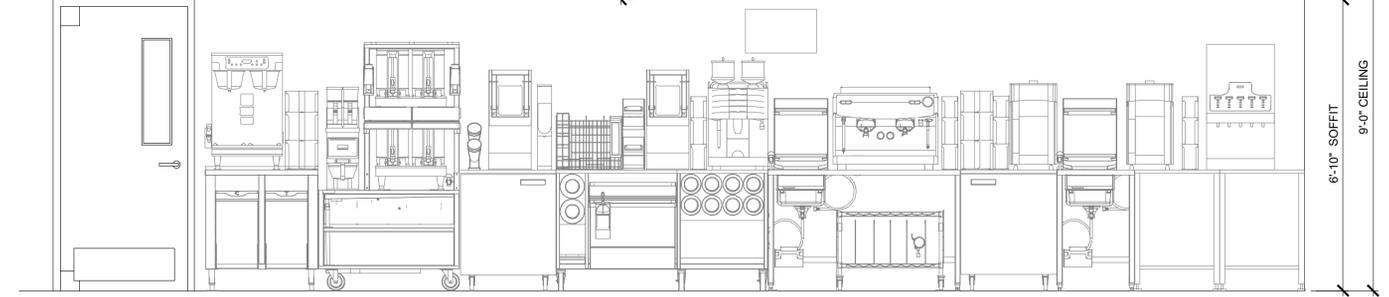
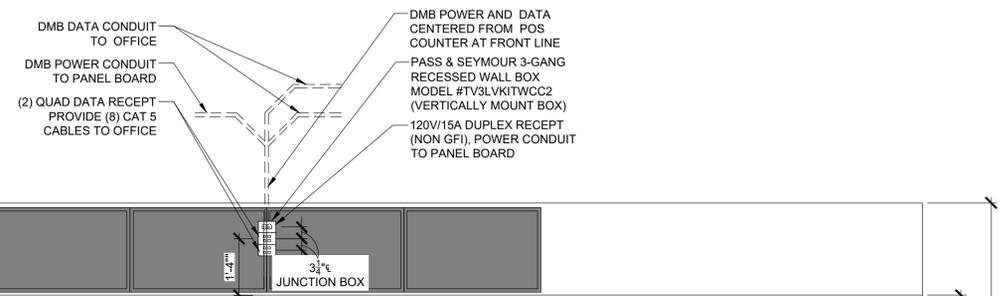
1 ELECTRICAL ELEVATION AT SERVICE AREA

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



3 ELECTRICAL ELEVATION AT SERVICE AREA

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



2 ELECTRICAL ELEVATION AT SERVICE AREA

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

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A.I.A., NCARB, NJCID

Gary Kliesch

Proposed Alteration of:

DUNKIN'

40 S. Route 9W
West Haverstraw, NY
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Drawing Title:
ELECTRICAL ELEVATIONS (CONT.)

Date: 08/17/21	Dwg No. E 2.1
Drawn By: A.T.	
Checked By: C.F.	
Job No: 19-242	3 of 6

POS-COMMUNICATIONS EQUIPMENT SCHEDULE

POS EQUIP & WIRING BY OTHERS

QTY	DESCRIPTION	LOCATION	LOAD			TRANS FORMER	LOVO TERM	REMARKS	
			VOLTS	AMPS	CB				
POS EQUIPMENT									
1	POINT OF SALES TERMINAL (POS)	(2) FRONT COUNTER	100-120V	2.0	20A1P	NO	RJ45	SHARES CIRCUIT WITH POS ITEMS 2 & 12	
2	RECEIPT PRINTER	(2) FRONT COUNTER	100-240V	2.0	20A1P	YES	RJ45	SHARE CIRCUIT WITH POS ITEMS 1 & 12	
3	PREP PRINTER	(2) BEVERAGE STATION (1) SANDWICH (1) OTGO PRINTER	24/34V	1.2	20A1P	YES	RJ45		
4	VDU	(1) SANDWICH	100-240V	1.5	20A1P	NO	NA	SHARES CIRCUIT	
5	VDU CONTROLLER (PC BASED)	(1) BEVERAGE STATION (1) EXPEDITER @ HAND OFF	100-120V	1.0	20A1P	YES	RJ45		
6	POS NETWORK HUB/ SWITCH	POS COFFEE FRONT CHASE	100-120V	0.5	20A1P	YES	RJ45	SHARES CIRCUIT WITH POS ITEMS 1, 2 & 12	
7	PC SITE CONTROLLER EXTERNAL	OFFICE	100-120V	4.0	20A1P	NO	RJ45		
7a	PC SITE CONTROLLER INTERNAL	OFFICE	100-120V	4.0	20A1P	NO	RJ45		
8	PRINTER/FAX/COPIER (BOH)	OFFICE	100-120V	8.2	20A1P	NO	NA		
9	2	SCANNER	(2) FRONT COUNTER				RJ45	CONNECTED TO POS UNITS	
10	2	PRICE CONFIRMATION DISPLAY	BEHIND FRONT POS UNIT				RJ45	CONNECTED TO DIT POS UNIT	
11	0	NOT USED							
12	2	CASH DRAWER	UNDER CTR @ FRONT	N/A	N/A		RJ45	SHARES CIRCUIT WITH POS ITEMS 1 & 2	
13	0	NOT USED					RJ45	VERIFY ALL ELECT & POS REQTS W/ MANUF	
14	2	PAYMENT TERMINAL	(2) FRONT COUNTER	100-240V	0.5	20A1P	NO	RJ45	VERIFY ALL ELECT & POS REQTS W/ MANUF
14a	2	VERIFONE SWITCH	(2) FRONT COUNTER					CONNECTED TO POS (1)	
30	1	ORDER STATUS BOARD (OPTIONAL)	HAND OFF STATION					VERIFY ALL ELECT & POS REQTS W/ MANUF	
OTHER COMMUNICATION DEVICES									
15	0	DRIVE THROUGH (DT) TIMER CONSOLE	OFFICE	120V	N/A		RS232	MUST BE WITHIN 60FT OF DISPLAY	
16	0	DT TIMER VDU DISPLAY		LOW VOLT	N/A				
PHONE & DATA LINES									
18	0	SPARE	OFFICE	LOW VOLT	N/A		RJ45		
19A	0	SPARE	OFFICE	LOW VOLT	N/A		RJ45		
20	1	FAX LINE	OFFICE	LOW VOLT	N/A		RJ45	FAX LINE FOR OFFICE	
21	1	PHONE LINE	OFFICE	LOW VOLT	N/A		RJ45	PHONE LINE FOR OFFICE	
22	0	NOT USED							
23	1	HIGH SPEED INTERNET LINE (MNS)	OFFICE	LOW VOLT	N/A		RJ45	FOR SITE CONTROLLER & BOH PC	
24	1	SYSTEM SECURITY DVR	SECURITY SYSTEM	LOW VOLT	N/A		RJ45	PLUGS INTO ROUTER PORT#2	
25	8	DIGITAL MENU BOARD	OFFICE/SERVICE AREA	LOW VOLT	N/A		RJ45	PLUGS INTO ROUTER PORT#4	
26	1	WIFI	OFFICE	LOW VOLT	N/A		RJ45	PLUGS INTO ROUTER PORT#5	
26a	0	SECONDARY WIFI ACCESS POINT (OPT)	OFFICE	LOW VOLT	N/A		RJ45	PLUGS INTO ROUTER	
27	1	OTT VOIP (PHONE)	OFFICE	LOW VOLT	N/A		RJ45	PLUGS INTO ROUTER	
MUSIC SYSTEM									
28	1	MUSIC PLAYER	OFFICE						
29	0	NOT USED							
WORKSTATION									
31	1	MANAGER'S WORKSTATION	OFFICE						
32	0	MANAGER'S WORKSTATION (OPT)							
FIREWALL									
33	1	FIREWALL	OFFICE	LOW VOLT	N/A		RJ45		
34	1	BROADBAND MODEM	OFFICE	LOW VOLT	N/A		RJ45		
35		TEMPORARY WIRELESS BROADBAND DIAL-UP DATA SOLUTION	OFFICE						
36		NOT USED							
37		NOT USED							
SWITCHES									
38	1	SWITCH	OFFICE						
39	1	DD UTILITY SWITCH (OPT)	OFFICE						
40	1	DVR NETWORK SWITCH	OFFICE						
41	1	DIGITAL MENU BOARD SWITCH	OFFICE						
42	1	KIOSK SWITCH	OFFICE						
43									
44									
MENU BOARD									
45	4	INT DIGITAL MENU BOARDS							
46	0	EXT DIGITAL MENU BOARDS	EXTERIOR DRIVE THRU						
47	0	DRIVE PREVIEW BOARD	EXTERIOR DRIVE THRU						
48	0	ORDER CONFIRMATION BOARD	EXTERIOR DRIVE THRU						
49	0	NOT USED							

POS LEGEND

POS	POINT OF SALES TERMINAL	CAM	SECURITY SYSTEM CAMERA
VDU	VIDEO DISPLAY UNIT	PCD	PRICE CONFIRMATION DISPLAY
R	ROUTER	PCD	ORDER STATUS BOARD
SC	SITE CONTROL (SELF-MOUNTING) RADIANT ONLY	KIOSK SW	KIOSK SWITCH
RP	RECEIPT PRINTER	DMB SW	DIGITAL MENU BOARD SWITCH
PP	PREP PRINTER	DMB	DIGITAL MENU BOARD
FAX	FAX	EXT DMB	DRIVE THRU EXTERIOR DIGITAL MENU BOARD
BOH PC	BACK-OFF-HOUSE PC	TEMP M	TEMP WIRELESS DIAL UP
UPS	UPS	OCB	DRIVE THRU ORDER CONFIRMATION BOARD
M	MODEM	DPB	DRIVE THRU DIGITAL PREVIEW BOARD
SW	SWITCH	DPB	DRIVE THRU DIGITAL PREVIEW BOARD
OT	ORDER TAKER TERMINAL	OTT VOIP	OTT VOICE OVER-IP VOIP (PHONE)
DTC	DRIVE THROUGH CONSOLE		
DTT	DRIVE THROUGH TIMER	BUMP BAR	BUMP BAR
VS	VERIFONE SWITCH	VIDEO DISPLAY UNIT	VIDEO DISPLAY UNIT
PT	PAYMENT TERMINAL	PRINTER	PRINTER
CASH DR	CASH DRAWER	POINT OF SALE TERMINAL	POINT OF SALE TERMINAL
CD	COIN DISPENSER	SCANNER	SCANNER
MWS	MANAGER'S WORKSTATION	POS EQUIPMENT TAG	POS EQUIPMENT TAG
DVR	DVR SECURITY SYSTEM	DUPLEX RECEPTACLE	DUPLEX RECEPTACLE
		DATA OUTLET, RJ45	DATA OUTLET, RJ45

GENERAL NOTES:

- REFER TO HTTP://EXTRANET.DUNKINBRANDS.COM FOR A LISTING OF APPROVED POS VENDORS BY CONCEPT.
- FINAL POS DRAWINGS NEED TO BE PROVIDED TO POS VENDOR THAT IS SELECTED.
- POS VENDORS REQUIRE DEDICATED ISOLATED GROUNDED (DIG) OUTLETS ON A 20 AMP CIRCUIT DEDICATED ONLY TO POS EQUIPMENT. 60HZ, 120V-10%. ALL POS TERMINALS AND VIDEO DISPLAY DEVICES REQUIRE A DUPLEX OUTLET. THE BACK OFFICE CONTROLLER REQUIRES A QUAD OUTLET. THE NETWORK SWITCH REQUIRES A DUPLEX. IF FEDERAL, STATE, AND LOCAL WIRING CODES DO NOT MEET THIS REQUIREMENT, CONTACT THE POS VENDOR FOR INFORMATION ON ADDITIONAL EQUIPMENT THAT CAN BE PURCHASED TO MEET THIS REQUIREMENT. IF THIS REQUIREMENT IS NOT MET, THE POS SYSTEM WARRANTY IS INVALID.
- ALL POWER INDICATED ON THIS PLAN MUST HAVE A THIRD WIRE, ISOLATED GROUND, AND BE TERMINATED WITHIN (4) FEET OF THE DEVICE.
- IG-5362 RECEPTACLES MUST BE USED FOR ALL POS UNITS. VDU UNITS AND SITE CONTROLLER UNIT (IN OFFICE). LABEL RECEPTACLES "POS ONLY".
- ALL LOW VOLTAGE WIRE SHALL BE CATEGORY 5e UNLESS OTHERWISE INDICATED.
- ALL LOW VOLTAGE CABLE TERMINATIONS SHALL BE BY THE ELECTRICAL CONTRACTOR.
- LOW VOLTAGE CABLE RUN IN 1/2" CONDUIT FOR POS EQUIPMENT ONLY, AND MUST BE TERMINATED WITH RJ45 JACKS. ALL POS EQUIPMENT LINES TERMINATE AT THE FRONT COUNTER CHASE.
- A 12" MINIMUM SEPARATION MUST BE MAINTAINED BETWEEN LOW VOLTAGE WIRES AND POWER WIRING (TO AVOID ELECTRICAL INTERFERENCE).
- BRAND REQUIREMENTS DICTATE THAT A MINIMUM OF THREE CONDUITS BE USED FOR DATA LINES BETWEEN THE OFFICE AND OTHER PARTS OF THE STORE. ONE CONDUIT IS TO BE DEDICATED TO POS WIRING, ONE FOR DIGITAL MENUBOARD DATA LINES, AND ANOTHER FOR NON-POS ITEMS (I.E. SECURITY CAMERAS, DT TIMERS, HEAD SET WIRING).
- EXACT # OF RECEPTACLES ON OFFICE MUST BE COORDINATED ON A PROJECT-BY-PROJECT BASIS IN TERMS OF EQUIPMENT LOCATED IN THE OFFICE.
- ALL CEILING MOUNTED VDUS TO BE SUSPENDED FROM UNISTRUT BY THREADED ROD W/ WHITE PVC SLEEVE. CONNECT UNISTRUT TO ROOF STRUCTURE. VDU BY POS VENDOR, UNISTRUT & THREADED ROD BY G.C. UNISTRUT TO SUPPORT MINIMUM 50 LB. WEIGHT.
- VDU MOUNTING HEIGHTS (TO BOTTOM OF MONITOR) ARE AS FOLLOWS:
 - SANDWICH STATION - 69" A.F.F.
 - DRIVE THRU - 64" A.F.F.
- DIGITAL MENUBOARD PREP WIRING:
 - PROVIDE BOX, PLATE AND 1" DIA. CONDUIT FROM FROM (2) QUAD DATA OUTLETS IN MENUBOARD SOFFIT TO (2) QUAD DATA OUTLETS IN OFFICE WALL. EITHER (A) PROVIDE PULL STRING IN EACH CONDUIT (CAT 5 CABLING AND FINAL DATA CONNECTIONS BY DMB VENDOR), OR (B) PROVIDE ALL CAT 5 CABLING AND FINAL CONNECTIONS TO DATA PLATES/BOXES- COORD. W/ FEE

DIGITAL MENU BOARD RESPONSIBILITIES

- GC POWER/DATA RESPONSIBILITY**
- EC TO RUN DEDICATED CONDUIT FROM POWER PANEL TO JUNCTION BOX ON BACK SIDE OF MENU BOARD FASCIA AT CENTER LINE OF POS
 - EC TO RUN CONDUIT WITH J-BOX FROM BACK SIDE OF MENU BOARD FASCIA AT CENTERLINE OF POS TO OFFICE
- DMB VENDOR POWER/DATA RESPONSIBILITY**
- CUT HOLE IN MENU BOARD FASCIA FOR POWER/DATA STACK
 - INSTALL POWER/DATA STACK IN FASCIA
 - RUN ELECTRICAL CONDUCTOR WIRE FROM MENU BOARD FASCIA TO ELECTRICAL PANEL
 - MAKE FINAL ELECTRICAL CONNECTION AT POWER/DATA STACK
 - MAKE FINAL ELECTRICAL CONNECTION TO CIRCUIT AT POWER PANEL
 - RUN CAT-5E CABLES AND TERMINATE ENDS AT MENU BOARD FASCIA POWER/DATA STACK AND IN OFFICE

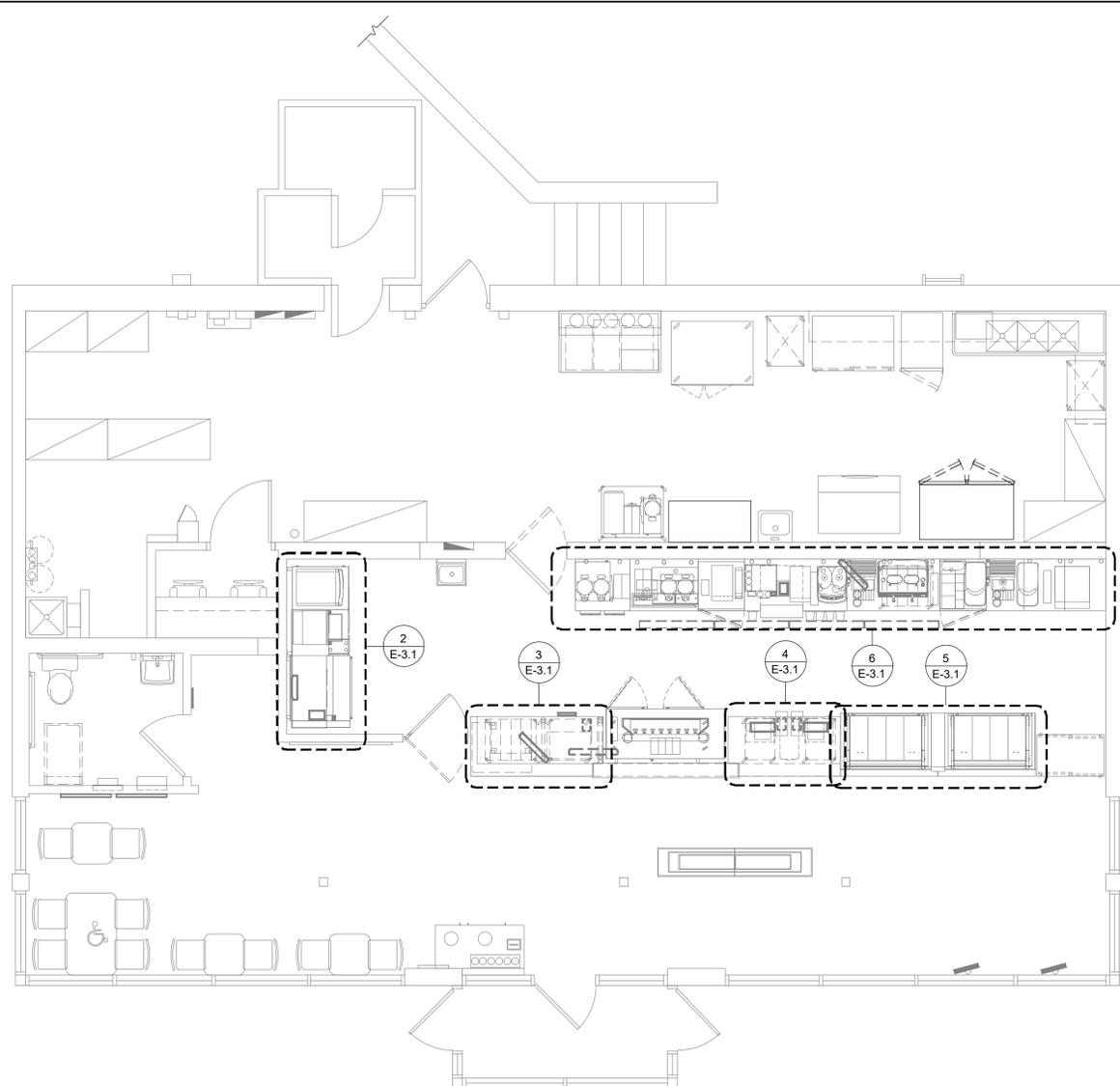
*PRIOR TO BIDDING OR PERFORMING WORK GC TO COORDINATE WITH AUTHORITY HAVING JURISDICTION (AHJ). AHJ MAY REQUIRE FULL WIRE PREP BY EC. GC TO ALERT CM, FEE AND DMB INSTALLER IF EC MUST PERFORM ALL ELECTRICAL INSTALL WORK.

CONDUIT NOTES

- DMB PROVIDE (8) CAT 5 WIRE PULLS FROM (2) QUAD DATA OUTLETS IN MENU BOARD SOFFIT TO (2) QUAD DATA OUTLETS IN OFFICE WALL
- 2 CONDUITS MIN SHALL BE USED BETWEEN OFFICE & OTHER PARTS OF THE STORE
- 1 CONDUIT FOR POS WIRING ONLY
- 1 CONDUIT FOR NON-POS ITEMS

KIOSK NOTES

- GC TO PROVIDE ONE (1) 120V OUTLET FOR THE PURPOSE OF POWERING THE KIOSK, LOCATED IN CEILING DIRECTLY OVERHEAD OF WHERE THE KIOSK WILL BE PLACED IN THE STORE.
- GC TO PROVIDE ONE (1) CAT6 DATA CABLE RUN, TERMINATED AT BOTH ENDS TO RJ45 MALE. DATA CABLING TO RUN FROM THE OFFICE, NEAR THE LOCATION OF THE COMCAST MERAKI SWITCH, TO THE AREA DIRECTLY OVERHEAD OF WHERE THE KIOSK WILL BE PLACED IN THE STORE. THE DATA RUN SHOULD HAVE ENOUGH LENGTH TO ALLOW TO BE CONNECTED INTO THE KIOSK VIA THE CEILING POLE.
- GC TO PROVIDE TWO (2) AVAILABLE POWER OUTLETS IN THE OFFICE AREA NEAR THE LOCATION OF THE COMCAST MERAKI SWITCH. THESE OUTLETS ARE TO BE USED FOR POWERING UP THE BRIDGE PC DEVICE AND THE D-LINK UNMANAGED SWITCH, WHICH ARE CONNECTED TO PORTS 14 AND 13 ON THE COMCAST SWITCH, RESPECTIVELY.



1 TECHNOLOGY PLAN

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gkanda ARCHITECTS PC

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NJ: AI 13332
NY: 025618
FL: AR95782
WI: 11180-5
PA: RA-01511248 SC: 8935
D.C.: ARC101888 MA: 10810
GA: RA 019883
VA: 401016373
NC: 11736 WV: 4569 NH: 04487

NJ/CID: 21D00026000
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Proposed Alteration of:

DUNKIN'

40 S. Route 9W
West Haverstraw, NY
PC #302235

OMNI

Drawing Title:
TECHNOLOGY SCHEDULE,
LEGEND, NOTES,
TECHNOLOGY PLAN

Date:	Dwg No.
08/17/21	
Drawn By:	E 3.0
A.T.	
Checked By:	
C.F.	
Job No:	4 of 6
19-242	

ELECTRICAL PANEL SCHEDULES

SCHEDULE FOR: PANEL A		208 / 120 V		MID		Equip. Ground Bus		Poles: 42		Min CB I.C. 22 000 AIC		
Line	Load	Breaker	Minimum Branch	Phase	Minimum Branch	Breaker	Load	Notes	Comments	Line	Load	
1	POS + Printer + HUB	480	1	20	2#12 #12G 3/4"	1280	1	800	1	800	1	
2	POS + Printer	430	1	20	2#12 #12G 3/4"	910	1	480	1	480	1	
3	Tha Beverage Unit	1332	1	20	2#12 #12G 3/4"	1332	1	1300	1	1300	1	
4	Receptor Monitor	600	1	20	2#12 #12G 3/4"	1240	1	1240	1	1240	1	
5	Coke Refrig. Unit	226	1	20	2#12 #12G 3/4"	648	1	324	1	324	1	
6	Slush Blender	636	1	20	2#12 #12G 3/4"	1272	1	636	1	636	1	
7	Hot Winter Beverage Disp.	2237	2	30	2#10 #10G 3/4"	2237	1	300	1	300	1	
8	Espresso Machine	3120	1	40	2#6 #10G 3/4"	6240	1	40	2	3120	1	
9	Twin Stand	432	1	20	2#12 #12G 3/4"	6240	1	932	1	932	1	
10	Thermal Printer + VDU	432	1	20	2#12 #12G 3/4"	792	1	380	1	380	1	
11	Dairy Dispenser	1320	1	20	2#12 #12G 3/4"	1644	1	324	1	324	1	
12	Dual Grinder	4004	1	50	2#6 #10G 1"	6006	1	50	2	2002	1	
13	Ice Coffee Brewer	2028	2	30	2#10 #10G 3/4"	3348	1	900	1	900	1	
14	Dairy Dispenser	360	1	20	2#12 #12G 3/4"	1440	1	1080	1	1080	1	
15	Sugar Dispenser	360	1	20	2#12 #12G 3/4"	1260	1	800	1	800	1	
16	General Receptacles	720	1	20	2#12 #12G 3/4"	1440	1	720	1	720	1	
17	Space											
Total Connected Load (VA)				15992		18069	15661	17252	VA per phase	342	Total Connected Load (Amps)	44

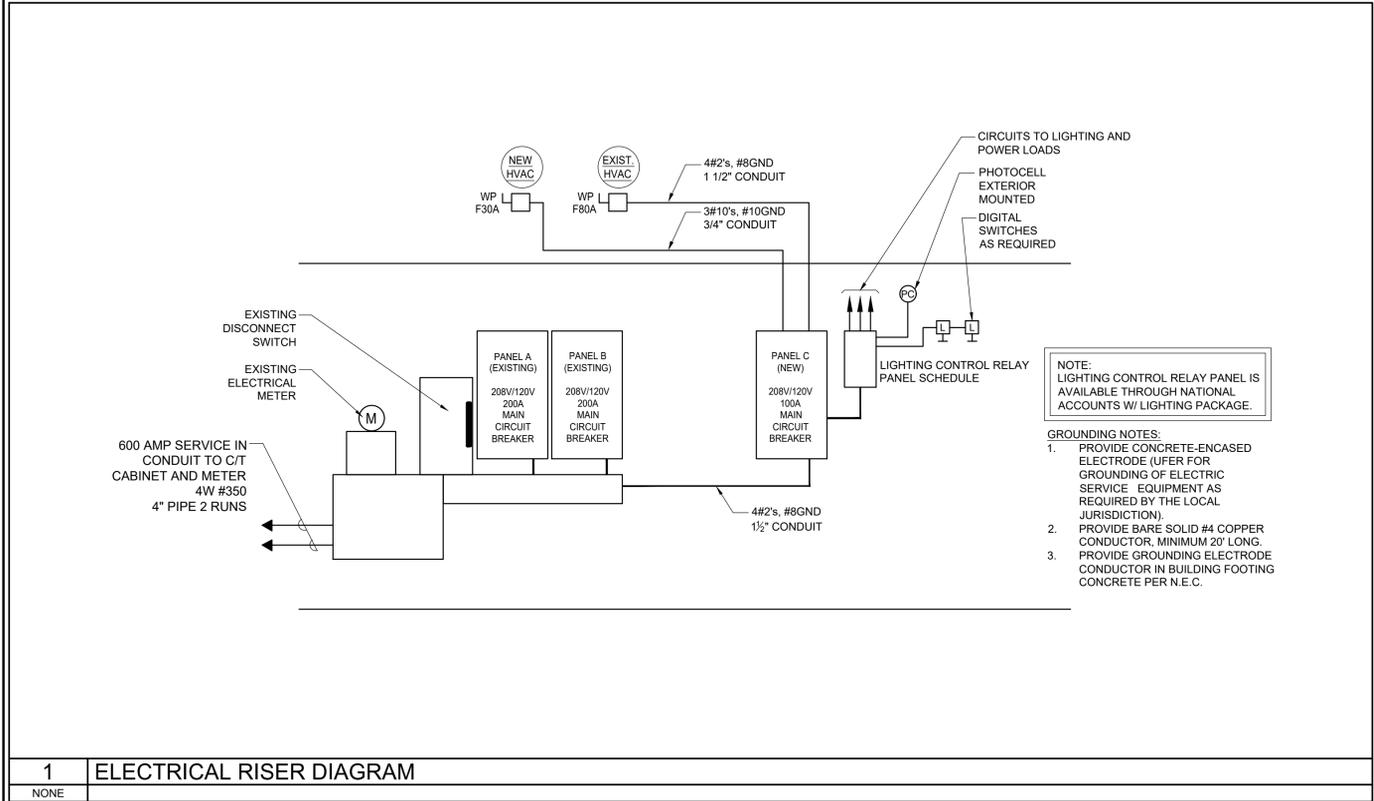
SCHEDULE FOR: PANEL B		208 / 120 V		MID		Equip. Ground Bus		Poles: 42		Min CB I.C. 22 000 AIC		
1	Turbo Chef Oven	2995	2	30	2#10 #10G 3/4"	5990	1	2995	1	2995	1	
2	Hot Holding Unit	1800	1	20	2#12 #12G 3/4"	3600	1	500	1	500	1	
3	Bagel Toaster	2475	2	30	2#10 #10G 3/4"	2943	1	468	1	468	1	
4	Ice Machine	742	3	20	2#12 #12G 3/4"	1671	1	1306	1	1306	1	
5	Exist. Refrig.	742	1	20	2#12 #12G 3/4"	2002	1	1260	1	1260	1	
6	Exist. Refrig.	480	1	20	2#12 #12G 3/4"	1222	1	430	1	430	1	
7	Water Booster Pump	500	1	20	2#12 #12G 3/4"	880	1	500	1	500	1	
8	Freezer Blower	800	1	20	2#12 #12G 3/4"	1318	1	318	1	318	1	
9	Freezer Door Htr	600	1	20	2#12 #12G 3/4"	3318	1	2318	1	2318	1	
10	Refrig. Condenser	1080	1	20	2#12 #12G 3/4"	3398	1	2318	1	2318	1	
11	Refrig. Condenser	800	1	20	2#12 #12G 3/4"	1350	1	360	1	360	1	
12	Refrig. Blower	3600	1	20	2#12 #12G 3/4"	5400	1	1800	1	1800	1	
13	Mini Rack Oven	3466	3	30	2#10 #10G 3/4"	5466	1	2000	1	2000	1	
14	Mini Rack Oven	3466	3	30	2#10 #10G 3/4"	3826	1	360	1	360	1	
15	1 Dr Rack in Freezer	1380	1	20	2#12 #12G 3/4"	1480	1	426	1	426	1	
16	Space											
17	Space											
18	Space											
Total Connected Load (VA)				60132		22339	19187	18606	VA per phase	167	Total Connected Load (Amps)	167

SCHEDULE FOR: PANEL C		208 / 120 V		MID		Equip. Ground Bus		Poles: 42		Min CB I.C. 22 000 AIC		
1	Public Area Lights	64	1	20	2#12 #12G 3/4"	640	1	376	1	376	1	
2	Downlights	64	1	20	2#12 #12G 3/4"	128	1	64	1	64	1	
3	Service Area Lights	320	1	20	2#12 #12G 3/4"	670	1	350	1	350	1	
4	Public Area Lights	288	1	20	2#12 #12G 3/4"	1344	1	1016	1	1016	1	
5	Receptor Lights - T.C.	304	1	20	2#12 #12G 3/4"	504	1	200	1	200	1	
6	Space											
7	Open Hood Exhaust	660	1	20	2#12 #12G 3/4"	1240	1	380	1	380	1	
8	Office Lights	96	1	20	2#12 #12G 3/4"	196	1	100	1	100	1	
9	Walk in Freezer Lts	100	1	20	2#12 #12G 3/4"	400	1	300	1	300	1	
10	Receptor Lts	1500	2	20	2#10 #10G 3/4"	2700	1	1200	1	1200	1	
11	LED Strip Lights - T.C.	500	1	20	2#12 #12G 3/4"	2700	1	352	1	352	1	
12	LED Strip Lights - T.C.	500	1	20	2#12 #12G 3/4"	852	1	352	1	352	1	
13	LED Strip Lights - T.C.	250	1	20	2#12 #12G 3/4"	425	1	175	1	175	1	
14	Hooded Transformer	180	1	20	2#12 #12G 3/4"	780	1	600	1	600	1	
15	Site Lighting - T.C.	2500	1	30	2#10 #10G 3/4"	3700	1	1200	1	1200	1	
16	Existing RTU	4548	3	80	4#6 #10G 1 1/2"	4728	1	180	1	180	1	
17	RTU Receptacle	4548	3	80	4#6 #10G 1 1/2"	6032	1	1484	1	1484	1	
18	RTU Receptacle	4548	3	80	4#6 #10G 1 1/2"	6032	1	1484	1	1484	1	
19	Space											
Total Connected Load (VA)				35587		16508	10345	8734	VA per phase	99	Total Connected Load (Amps)	99

Electrical Summary		Watts	Demand	Total Watts
Total Connected		140711		122857
HVAC		18096	1.25	22620
Lights		12711	1	12711
Kitchen Equipment		64834	0.65	42155.1
Receptacles		12110	1	12110
Other		37860	0.85	32181
Total Demand Amps		407.2		341.0

ELECTRICAL WIRING METHOD

- A. ALL CONDUIT SHALL BE RUN CONCEALED IN SO FAR AS IS PRACTICABLE. CONDUITS SHALL BE EXPOSED ONLY WHERE SO INDICATED ON THE DRAWINGS OR IN UNFINISHED AREAS SUCH AS ELECTRICAL AND BOILER ROOMS.
- B. MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS NOTED OTHERWISE ON THE PLANS.
- C. RIGID METAL CONDUIT: HOT DIPPED GALVANIZED, MILD STEEL PIPE, ZINC COATED THREADS WITH AN OUTER COATING OF ZINC BICHROMATE, AS MANUFACTURED BY TRIANGLE, REPUBLIC, WHEATLAND OR EQUAL.
- D. INTERMEDIATE METAL CONDUIT (IMC): HOT DIPPED GALVANIZED, MILD STEEL PIPE, ZINC COATED THREADS WITH AN OUTER COATING OF ZINC BICHROMATE AS MANUFACTURED BY TRIANGLE, REPUBLIC, WHEATLAND OR EQUAL.
- E. FLEXIBLE METAL CONDUIT: GALVANIZED OR ZINC METALIZED STEEL, SINGLE STRIP INTERLOCKED CONSTRUCTION AS MANUFACTURED BY TRIANGLE, ANACONDA, AMERICAN FLEXIBLE CONDUIT, ELECTRIC-FLEX, OR EQUAL.
- F. ELECTRIC METALLIC TUBING (EMT): HOT DIPPED GALVANIZED, MILD STEEL TUBE, ZINC COATED, AS MANUFACTURED BY TRIANGLE, REPUBLIC, WHEATLAND OR EQUAL.
- G. RIGID NONMETALLIC CONDUIT: SCHEDULE 40 PVC AS MANUFACTURED BY CARLON OR EQUAL.
- H. METAL CLAD CABLE: TYPE MC, COPPER CONDUCTOR, 600 VOLT THERMOPLASTIC INSULATION, 90 DEG. C, INTERLOCKED STEEL TAPE ARMOR.
- I. ARMORED CABLE: TYPE AC, COPPER CONDUCTOR, 600 VOLT THERMOPLASTIC INSULATION, 90 DEG. C.
- J. ANY EXPOSED RACEWAY SHALL BE RUN TRUE, PLUMB AND PARALLEL OR PERPENDICULAR TO BUILDING LINES.
- K. ALL CONDUCTORS SHALL BE COPPER.
- L. RACEWAYS SHALL BE SEALED WHERE ENTERING PULL BOXES OR STRUCTURES.
- M. SINGLE CONDUCTOR CABLES SHALL BE USED FOR FEEDERS AND BRANCH CIRCUIT WIRING (EXCEPT WHERE AC AND MC CABLE IS USED). MINIMUM SIZE WIRE SHALL BE #12 AWG UNLESS OTHERWISE INDICATED AND SHALL BE SIZED TO CONFORM TO NORMAL NEC VOLTAGE DROPS. WIRE SIZES #10 AWG AND SMALLER SHALL BE SOLID, #8 AWG AND LARGER SHALL BE STRANDED.
- N. FEEDERS AND ALL WIRING IN MOIST OR WET LOCATIONS UNDERGROUND OR UNDER THE SLAB SHALL BE 600 VOLT CODE TYPE THHN-THWN. BRANCH CIRCUIT WIRING IN DRY LOCATIONS, ABOVE GRADE, IN THE INTERIOR OF THE BUILDING SHALL BE 600 VOLT CODE TYPE THHN-THWN OR XHHW.
- O. WIRING TO RECESSED FIXTURE AND WITHIN FIXTURE RACEWAYS SHALL BE TYPE THHN, #12 AWG MINIMUM.
- P. EQUIPMENT GROUND: GREEN CONDUCTOR SHALL BE USED.



1 ELECTRICAL RISER DIAGRAM

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Rev.	Drawing Issues / Revisions	Date

NJ: AI 13332
NY: 025618
FL: AR95782
WI: 11180-5
PA: RA-01511218 SC: 8935
D.C.: ARC101888 MA:10810
GA: RA 019883
VA: 401016373
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CT: ARI0009367
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MD: 14129
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IL: 001.0235866

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Proposed Alteration of:

DUNKIN'

40 S. Route 9W
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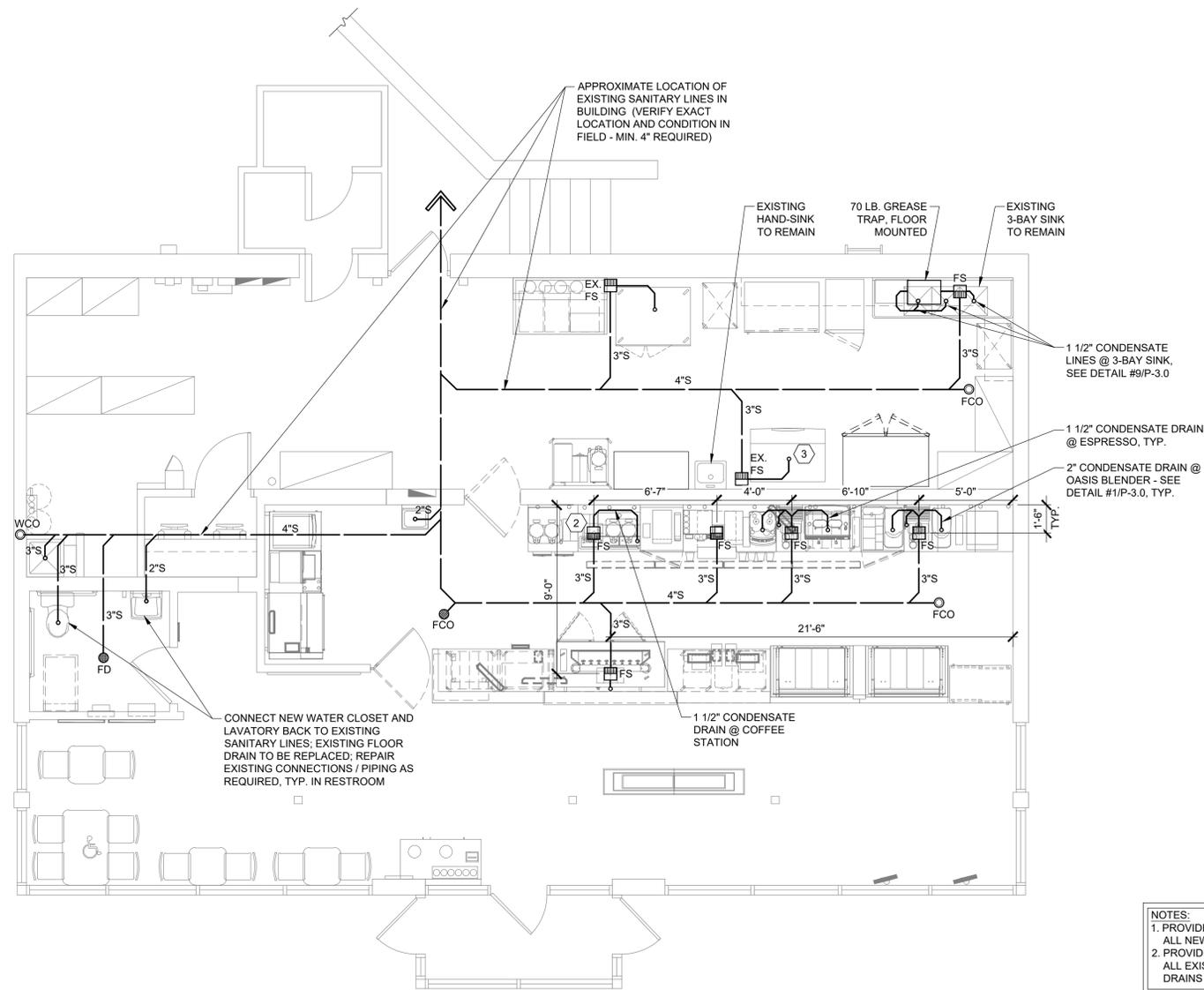
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Drawing Title:
ELECTRICAL PANEL SCHEDULES,
NOTES, ELECTRICAL RISER
DIAGRAM

Date: 08/17/21
Dwg No. E 4.0

Drawn By: A.T.
Checked By: C.F.

Job No: 19-242
6 of 6



NOTES:
 1. PROVIDE TRAP PRIMER AT ALL NEW FLOOR DRAINS.
 2. PROVIDE TRAP SEALS AT ALL EXISTING FLOOR DRAINS THAT ARE NOT USED

**NOTE:
 DO NOT SCALE OF DRAWINGS. PLUMBER TO COORDINATE LOCATION OF PIPES WITH EQUIPMENT SPECIFICATIONS

KEYED NOTES:

- CONNECT TO EXISTING WATER LINE. CONTRACTOR TO VERIFY SIZE AND LOCATION IN FIELD. PROVIDE BACKFLOW PREVENTOR PER REQUIREMENTS OF LOCAL JURISDICTION.
- PIPE INDIRECT DRAIN FROM TROUGH ON COUNTER AT COFFEE STATIONS TO FLOOR SINK. PROVIDE AIR GAP AS REQUIRED BY CODE.
- PROVIDE INDIRECT DRAIN FROM ICE CUBER AND ICE BIN TO ADJACENT FLOOR SINK. CONSULT ICE MACHINE INSTRUCTION MANUAL FOR INDIRECT PIPING REQUIREMENTS.
- PROVIDE THERMOSTATIC MIXING VALVE AT ALL HAND SINKS AND LAVATORIES IF NOT ALREADY PROVIDED WITH THEM. SET AT 110 DEG. F MAXIMUM.
- WATER FILTRATION SYSTEM. MOUNT TOP OF SYSTEM 48" AFF. VERIFY ACTUAL LOCATION.
- PROVIDE A PRESSURE REDUCING VALVE, PRESSURE GAUGE, AND SHUT-OFF VALVE AT PLUMBING CONNECTIONS TO OVEN.
- PROVIDE A PRESSURE REDUCING VALVE FOR ESPRESSO MACHINE.
- PROVIDE VALVED MANIFOLD. TAG LINE AS TO FIXTURE SERVED.
- PROVIDE VALVELESS MULTI-PORT TEE. TAG LINE AS TO FIXTURE SERVED.

PLUMBING SCHEDULE

DESCRIPTION	WASTE	VENT	COLD WATER	HOT WATER
WATER CLOSET	3"	2"	1/2"	N/A
LAVATORY	2"	2"	1/2"	1/2"
HAND SINK	2"	2"	1/2"	1/2"
MOP SINK	3"	3"	1/2"	1/2"
POT SINK	2"	2"	1/2"	1/2"
1'-0" SINK SEC.	2"	2"	1/2"	1/2"
DRAIN	3"	3"	N/A	N/A
TRENCH DRAIN	3"	2"	N/A	N/A

COLD WATER LINE _____
 FILTERED WATER LINE _____
 HOT WATER LINE _____
 SANITARY WASTE LINE _____

GENERAL NOTES:

- ALL WORK SHALL COMPLY WITH ALL LOCAL AND STATE CODES AND AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS AND ARRANGE ALL REQUIRED INSPECTIONS.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS AND TRADES.
- THESE DRAWINGS, AS PREPARED, ARE DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS CONSTRUCTION OF THE PROJECT AND THE WORK OF THE TRADES WILL PERMIT. EQUIPMENT LOCATIONS INDICATED ARE APPROXIMATE. COORDINATE EXACT LOCATIONS AND REQUIRED CLEARANCES WITH EQUIPMENT SUPPLIER AND ALL TRADES PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL THE EQUIPMENT INDICATED WITHIN THESE DRAWINGS UNLESS OTHERWISE NOTED. VERIFY LOCATION AND DIMENSIONS IN THE FIELD PRIOR TO FABRICATION AND / OR INSTALLATION.
- ALL ROOF PENETRATIONS SHALL BE AT THE CONTRACTOR'S EXPENSE. COORDINATE WITH OWNER'S ROOFING CONTRACTOR SO AS NOT TO VOID ANY EXISTING ROOF WARRANTIES.
- THE ENTIRE INSTALLATION SHALL BE GUARANTEED FREE OF DEFECTS AND CONTRACTOR SHALL REPAIR AND / OR REPLACE ANY DEFECTIVE MATERIALS OR EQUIPMENT AT NO COST TO THE OWNER FOR A MINIMUM PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY ARCHITECT OR ENGINEER.
- ALL WORK SHALL BE SUBJECT TO THE ACCEPTANCE AND APPROVAL OF THE ARCHITECT AND OWNER. THE ARCHITECT SHALL BE NOTIFIED OF ANY AND ALL DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE OF PROPER NOTIFICATION DOES NOT RELIEVE THE CONTRACTOR. THE CONTRACTOR SHALL CORRECT ANY AND ALL WORK ARISING FROM SUCH FAILURE TO COORDINATE DISCREPANCIES TO THE SATISFACTION OF THE ARCHITECT WITHOUT ADDITIONAL COST TO THE OWNER.
- ALL KITCHEN, PREP AREA AND SALES AREA EQUIPMENT WILL BE FURNISHED AND INSTALLED. EQUIPMENT WILL BE FURNISHED WITH TRIM, FAUCETS, ESCUTCHEONS, ETC. PLUMBING CONTRACTOR SHALL PROVIDE ALL ROUGH-IN TRAPS AND MAKE ALL FINAL CONNECTIONS (SEE EQUIPMENT SCHEDULE).
- ALL PIPING TO BE CONCEALED IN HUNG CEILINGS, CHASES AND FURRED SPACES.
- REFER TO EQUIPMENT SCHEDULE AND EQUIPMENT SPECIFICATIONS FOR EXACT LOCATIONS OF PLUMBING CONNECTIONS.
- THE CONTRACTOR SHALL VERIFY DEPTH, SIZE, LOCATION OF ALL EXISTING UTILITIES IN FIELD PRIOR TO STARTING WORK.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL PIPE HANGERS, AND SUPPORTS IN ACCORDANCE WITH THE LOCAL APPLICABLE CODES.
- THE CONTRACTOR TO PROVIDE TRAP PRIMERS, DEEP SEAL TRAP OR TRAP SEAL ON ALL FLOOR DRAINS AS PER APPLICABLE CODE.
- ALL PENETRATIONS REQUIRED FOR PLUMBING EQUIPMENT AND PIPING THROUGH ANY WALL SHALL BE PROPERLY SEALED OFF TO MAINTAIN THE INTEGRITY OF THE STRUCTURE.
- ALL SHUT OFF AND ISOLATION VALVES SHALL BE BALL TYPE. ALL VALVES SERVING TOILETS AND SINKS SHALL BE ANGLE STOP TYPE.
- PROVIDE AN INDIVIDUAL BALL VALVE AND BACK CHECK VALVE TO EACH INDIVIDUAL PIECE OF EQUIPMENT.
- PROVIDE BACKFLOW PREVENTERS AT ALL COFFEE MAKERS, BAGEL OVEN, DIPPING WELLS, ICE MAKER AND ALL OTHER EQUIPMENT AS REQUIRED BY CODE.
- PROVIDE AERATORS ON ALL HAND SINKS AND LAVATORIES THROUGHOUT THE FACILITY.
- PROVIDE KAY CHEMICAL DISPENSER (SEE NATIONAL ACCOUNTS) AT MOP SINK AND THREE COMP SINK. MOUNT BOTTLE AND DISPENSER ABOVE SINK AS REQUIRED BY CHEMICAL SUPPLIER.

1 SANITARY WASTE PLAN
 1/4"=1'-0"

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Rev. No.	Drawing Issues / Revisions	Date

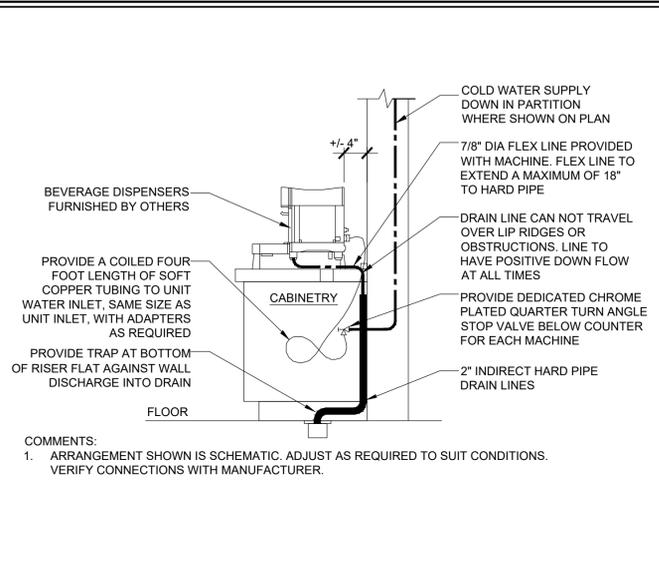
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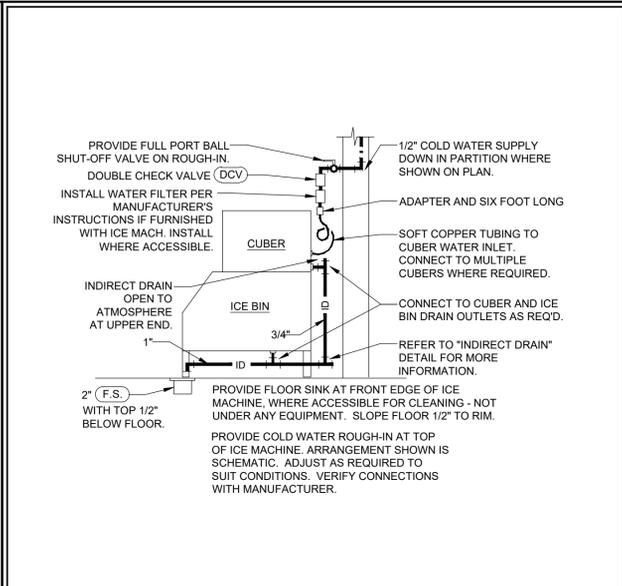
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 West Haverstraw, NY
 PC #302235

Drawing Title:
 SANITARY WASTE PLAN,
 PLUMBING SCHEDULE, NOTES

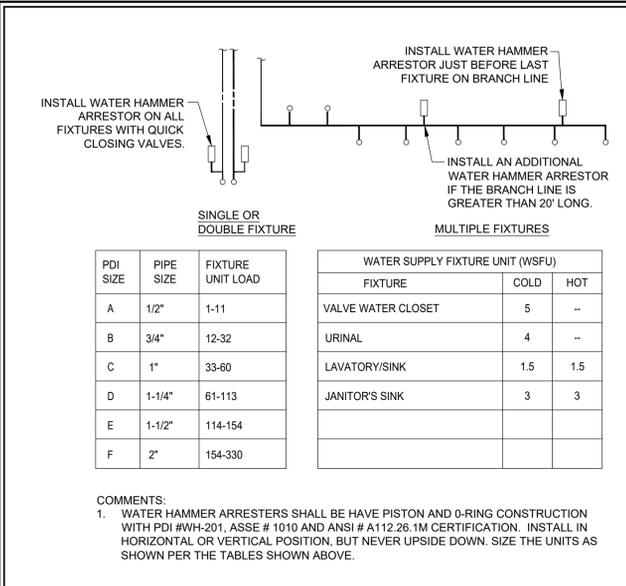
Date:	Dwg No.
08/17/21	P
Drawn By:	1.0
A.T.	
Checked By:	
C.F.	
Job No:	1 of 5
19-242	



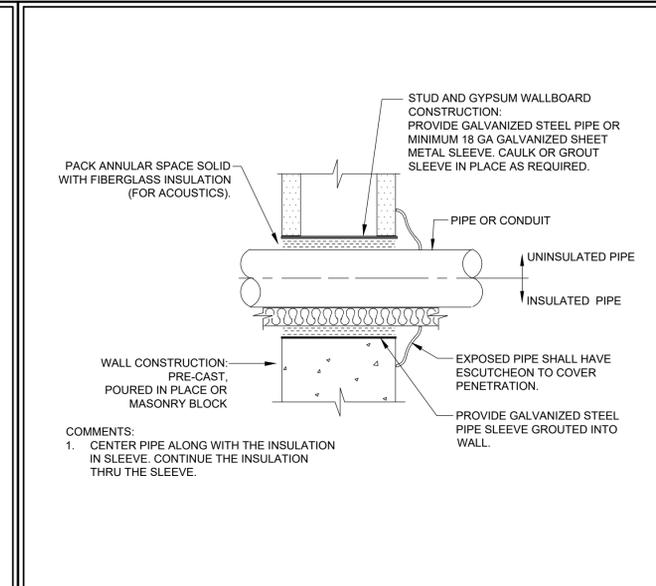
1 BEVERAGE WATER PIPING SCHEMATIC



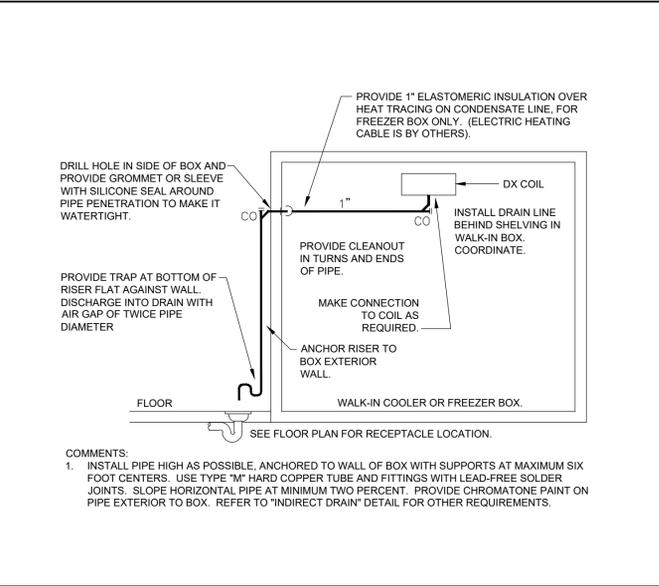
2 ICE MACHINE PIPING SCHEMATIC



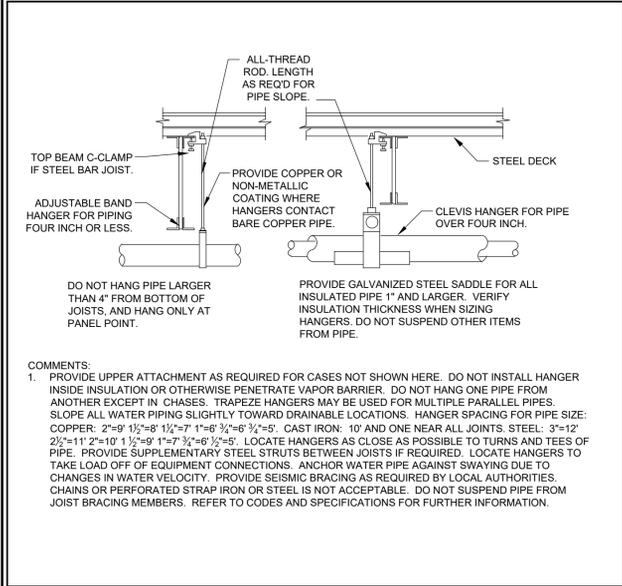
3 WATER HAMMER ARRESTER DETAIL



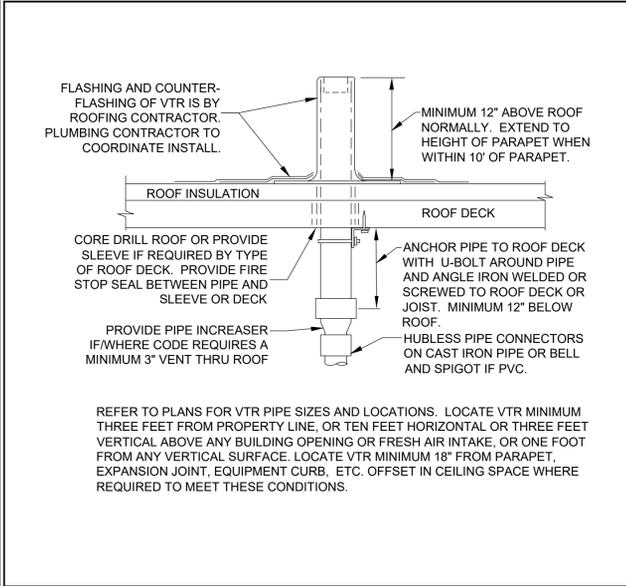
4 PIPE PENETRATION (NON-RATED WALL)



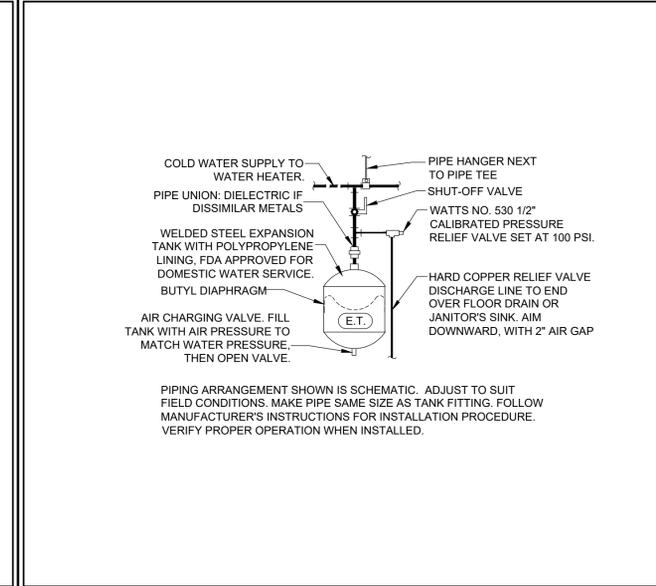
5 CONDENSATE DRAIN (WALK-IN BOX)



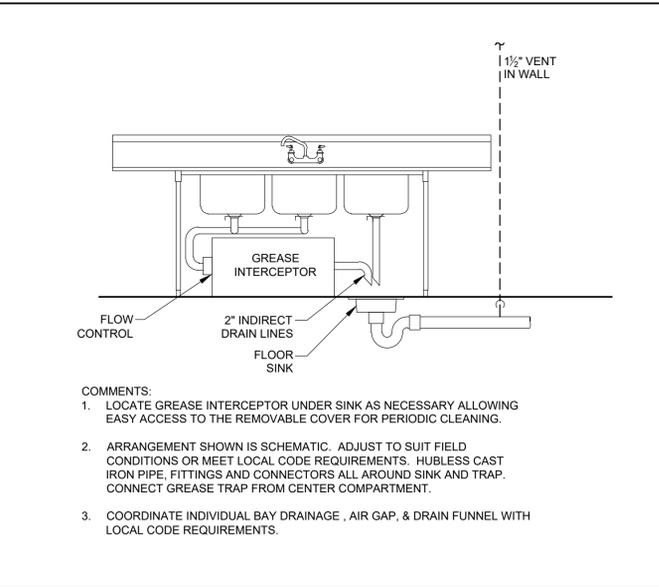
6 PIPE HANGER DETAIL



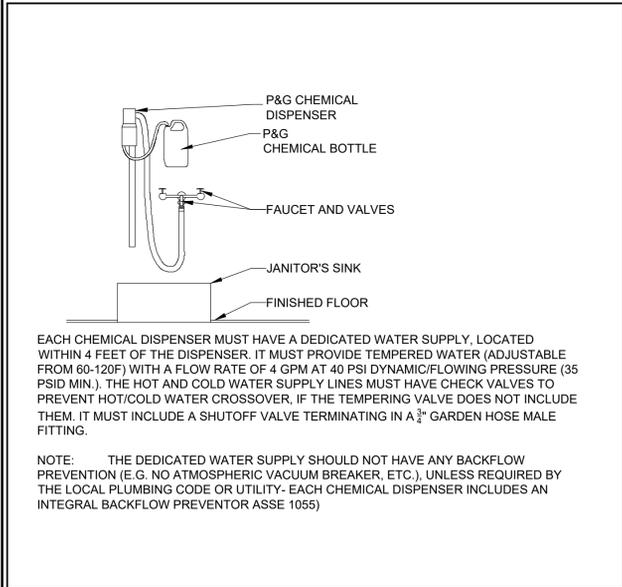
7 VENT THRU ROOF (VTR) DETAIL



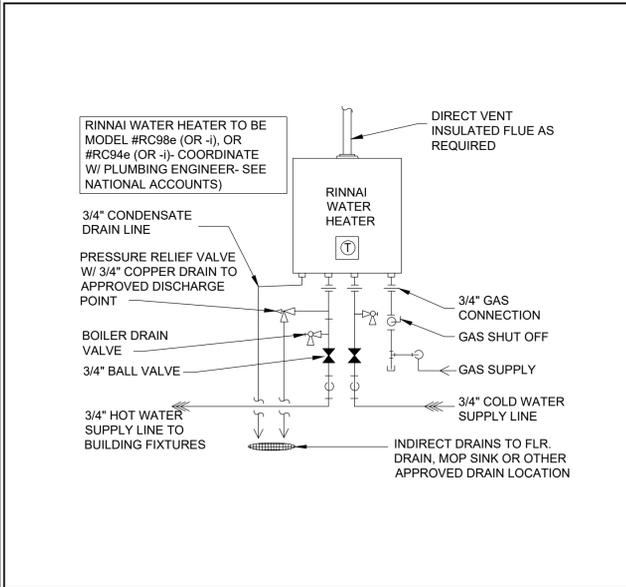
8 EXPANSION TANK



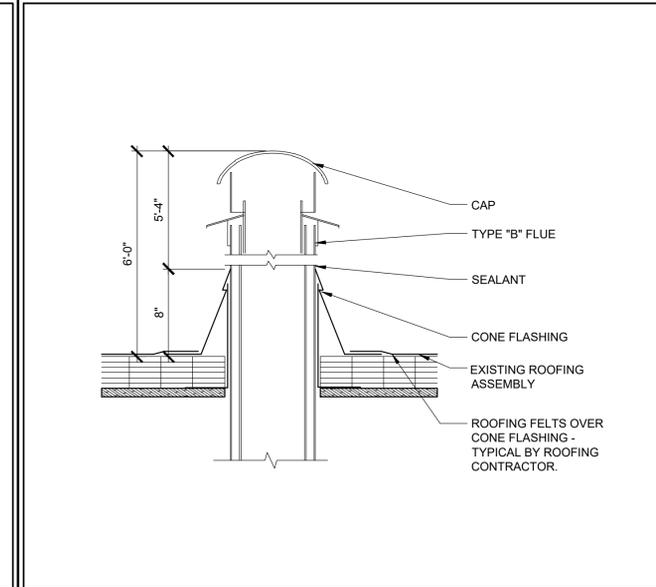
9 3 COMPARTMENT SINK DETAIL



10 CHEMICAL SYSTEM AT JANITOR'S SINK



11 WATER HEATER DETAIL - TANKLESS



12 FLUE COVER DETAIL

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gkanda ARCHITECTS PC

Gary Kliesch and Associate Architects

Rev. No.	Drawing Issues / Revisions	Date

NJ: AI 13332
NY: 029618
FL: AR95762
WI: 11180-5
PA: AR-0151248 SC: 8935
D.C.: AR-0101838 MA: 10810
GA: RA 019883 MI: 1301064135
VA: 401016373 IL: 001.023586
NC: 11736 WV: 4569 NH: 00487

OMNI

Proposed Alteration of:
DUNKIN'
40 S. Route 9W
West Haverstraw, NY
PC #302235

NY: 21D00026000
CT: ARI0009367
DE: SS-0007765
MD: 14129
SC: 8935
MA: 10810
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WV: 4569 NH: 00487

Gary Kliesch
A.I.A., N.A.A.S.P., N.C.S.P.

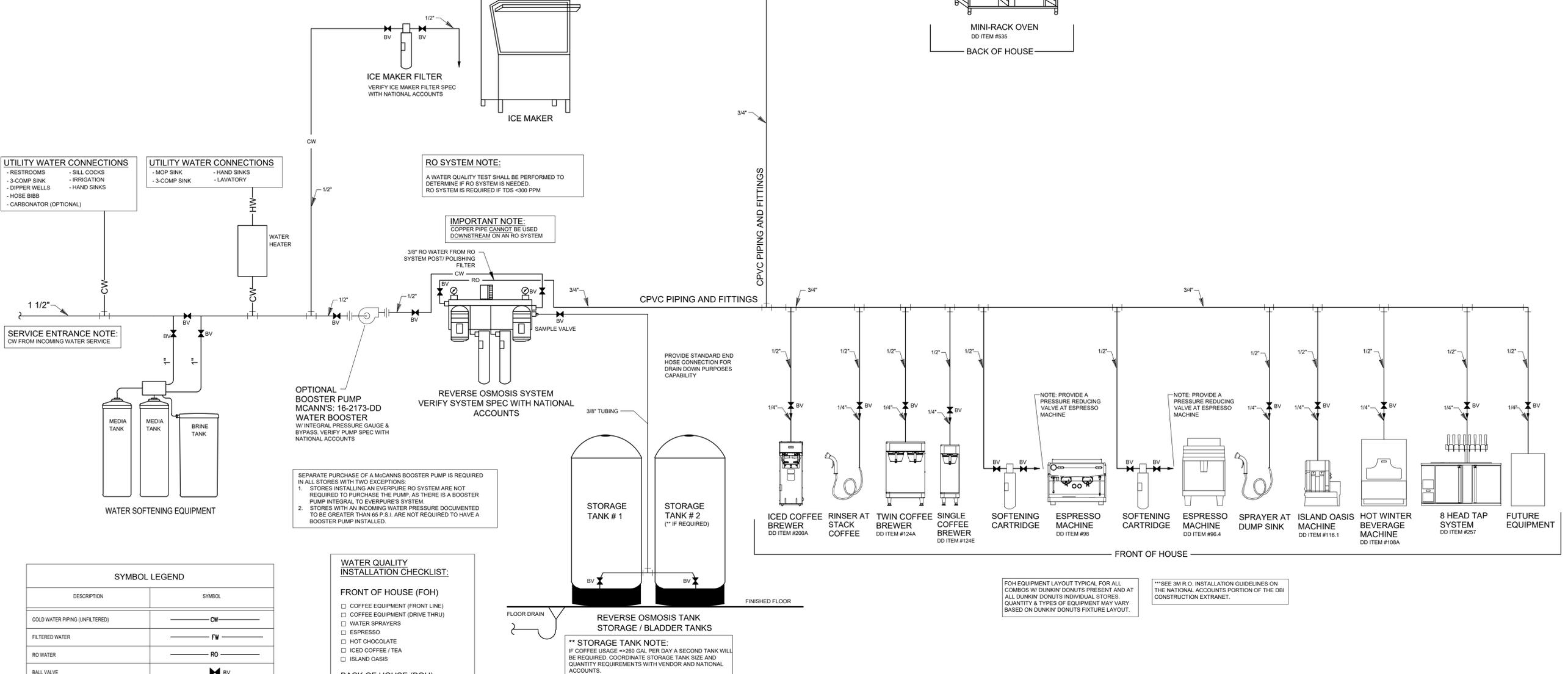
Drawing Title:
PLUMBING DETAILS

Date: 08/17/21
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Checked By: C.F.
Job No: 19-242
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DUNKIN' DONUTS WATER SPECIFICATION & TREATMENT REQUIREMENTS					
CHARACTERISTIC	UNITS	DUNKIN' DONUTS SPECIFICATION		WATER TREATMENT SOLUTIONS	
		IDEAL RANGE	LIMIT	A) WATER FILTER	B) REVERSE OSMOSIS
HARDNESS	PPM	80-120	< 200	> 200	NA
ALKALINITY	PPM	70-110	0-150	> 150	NA
TOTAL DISSOLVED SOLIDS (TDS)	PPM	100-175	< 250	NA	> 250
pH	pH	6.7-7.4	6.7-7.4	< 6.7 OR > 7.4	NA
SODIUM	PPM	0-20	< 40	> 40	NA
CHLORIDE	PPM	0	< 40	> 40	NA
CHLORAMINES	PPM	0	0	> 0	NA
CHLORINE	PPM	0	0	> 0	NA
TURBIDITY	NTU	0.1	< 1	> 1	NA
PRESSURE	PSI	> 65 PSI		BOOSTER PUMP IS REQUIRED	

* IN ADDITION TO THE ABOVE SPECIFICATIONS, WATER MUST MEET NSF42 AND NSF53 STANDARDS
 PPM = PARTS PER MILLION
 100 PPM = 5.8 GRAINS PER GALLON

NOTES:
 1) PRIOR TO CONSTRUCTION, GC SHALL PROVIDE A WATER QUALITY TEST, PERFORMED IN THE CITY IN WHICH THE STORE WILL BE RECEIVING WATER. TESTING TO BE DONE ON A LIVE LINE CONNECTED TO THE SAME SUPPLY LINE FEEDING THE FUTURE STORE.
 2) UPON RECEIPT OF THE WATER QUALITY TEST, THE GC SHALL PROVIDE A FILTRATION SYSTEM OR RO SYSTEM THAT WILL TREAT THE INCOMING WATER TO ALLOW IT TO MEET THE REQUIREMENTS IN THE TABLE ABOVE.
 3) UPON COMPLETE OF CONSTRUCTION, GC SHALL SUBMIT A SECOND WATER QUALITY TEST TAKEN FROM A TREATED WATER OUTLET TO VERIFY THE PROPER WATER QUALITY IS BEING ACHIEVED.



SYMBOL LEGEND	
DESCRIPTION	SYMBOL
COLD WATER PIPING (UNFILTERED)	CW
FILTERED WATER	FW
RO WATER	RO
BALL VALVE	BV
UNION	
STRAINER	⊘
CHECK VALVE	CV

WATER QUALITY INSTALLATION CHECKLIST:	
FRONT OF HOUSE (FOH)	
<input type="checkbox"/>	COFFEE EQUIPMENT (FRONT LINE)
<input type="checkbox"/>	COFFEE EQUIPMENT (DRIVE THRU)
<input type="checkbox"/>	WATER SPRAYERS
<input type="checkbox"/>	ESPRESSO
<input type="checkbox"/>	HOT CHOCOLATE
<input type="checkbox"/>	ICED COFFEE / TEA
<input type="checkbox"/>	ISLAND OASIS
BACK OF HOUSE (BOH)	
<input type="checkbox"/>	ICE MAKERS (N/A RO SYSTEMS)
<input type="checkbox"/>	BAXTER
<input type="checkbox"/>	BLODGETT
<input type="checkbox"/>	ADAMATIC
<input type="checkbox"/>	PROOFER

**** STORAGE TANK NOTE:**
 IF COFFEE USAGE => 280 GAL PER DAY A SECOND TANK WILL BE REQUIRED. COORDINATE STORAGE TANK SIZE AND QUANTITY REQUIREMENTS WITH VENDOR AND NATIONAL ACCOUNTS.

FOH EQUIPMENT LAYOUT TYPICAL FOR ALL COMBOS W/ DUNKIN' DONUTS PRESENT AND AT ALL DUNKIN' DONUTS INDIVIDUAL STORES. QUANTITY & TYPES OF EQUIPMENT MAY VARY BASED ON DUNKIN' DONUTS FIXTURE LAYOUT.

***SEE 3M R.O. INSTALLATION GUIDELINES ON THE NATIONAL ACCOUNTS PORTION OF THE DBI CONSTRUCTION EXTRANET.

1 WATER FILTRATION SYSTEM DIAGRAM

NTS

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 ARCHITECTS, PC

Gary Kliesch and Associate Architects

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Drawing Title:
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