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APPROVAL FOR THESE PLANS BY DUNKIN' BRANDS DOES NOT IMPLY THAT DUNKIN' BRANDS HAS REVIEWED THEM FOR CONFORMITY TO APPLICABLE CODES OR REGULATIONS

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

DUNKIN' BRANDS QSR  
Construction Manager

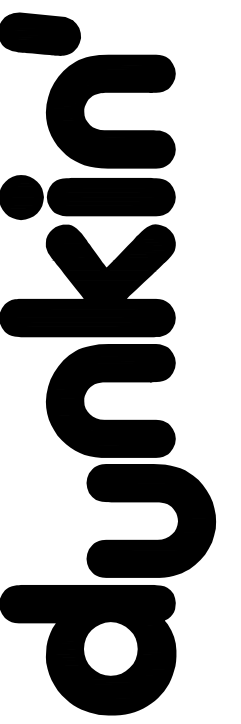
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# DUNKIN'

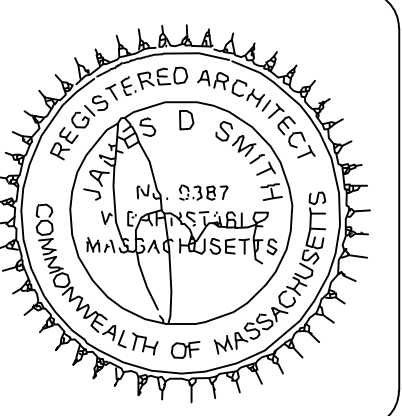
ADDRESS:  
655 MASS AVENUE  
CAMBRIDGE, MA 02139

OWNER:  
MARK PESCE  
72 JUNCTION SQUARE DR.  
CONCORD, MA 01742



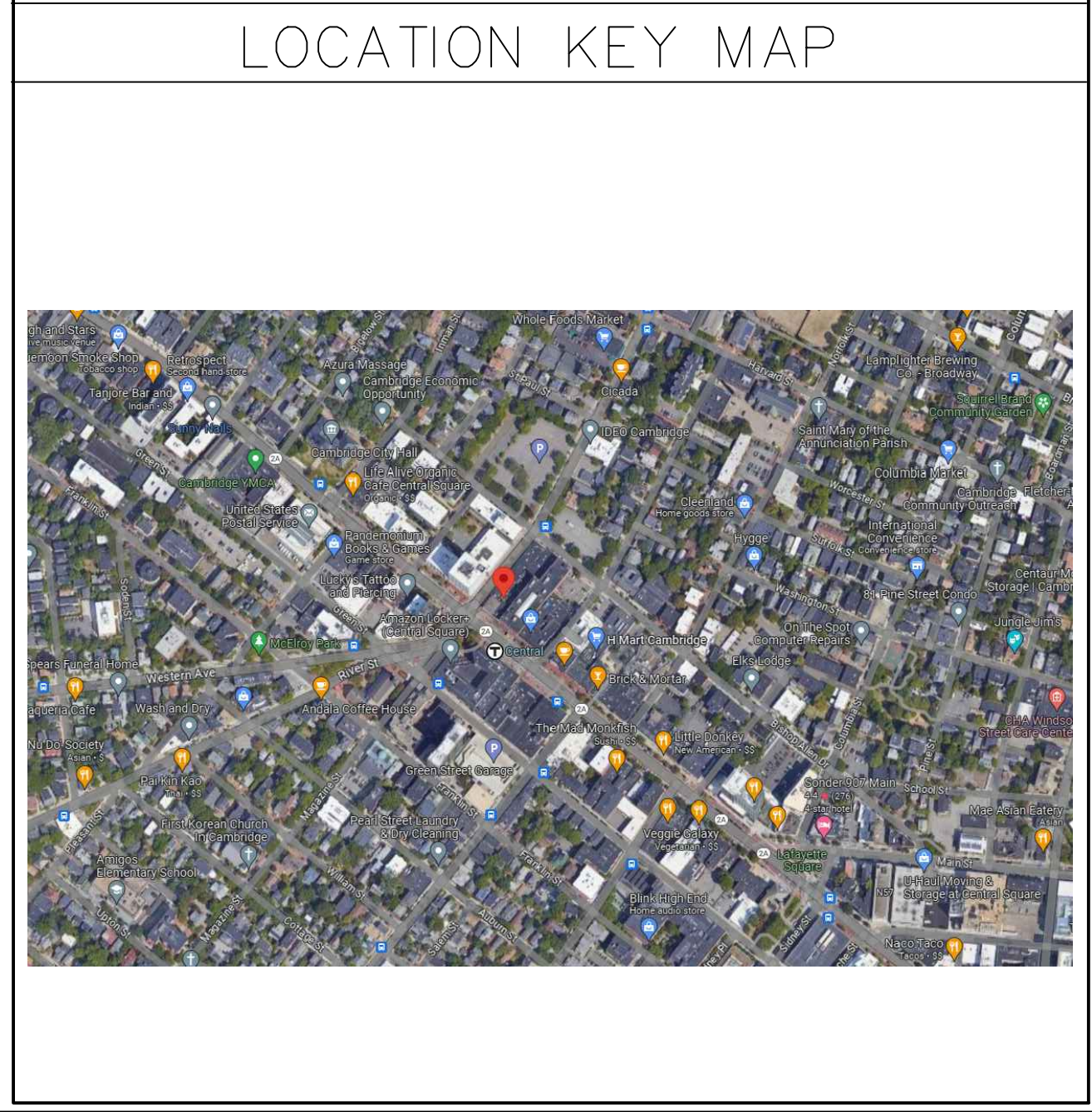
**JAMES D. SMITH  
ARCHITECTS**

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CENTERVILLE, MA 02632  
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DB-NOTES-TITLE					
&	AND	FT.	FOOT	Q.T.	QUARRY TILE
@	AT	FURN.	FURNITURE	QTY.	QUANTITY
A/C	AIR CONDITIONING	G.A.	GAUGE	R.A.	DUNKIN' BRANDS
A.D.	AREA DRAIN	GALV.	GALVANIZED	RAD.	RADIUS
A.F.F.	ABOVE FINISH FLOOR	GYP. BD.	GYPSUM 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 DUNKIN'/TOGO'S TOGO'S/BASKIN	MECH.	MECHANICAL	STRUC.T.	STRUCTURAL
		MTL.	METAL	SUSP.	SUSPENDED
		MFR.	MANUFACTURER	TEL.	TELEPHONE
CONC.	CONCRETE	MIN.	MINIMUM	THK.	THICK
CONT.	CONTINUOUS	MISC.	MISCELLANEOUS	THRU	THROUGH
CONST.	CONSTRUCTION	M.O.	MASONRY OPENING	T.O.P.	TOP OF PLATE
C.S.	CONSTRUCTION SPECIFICATIONS	MTD.	MOUNTED	T.O.S.	TOP OF STEEL
		N.I.C.	NOT IN CONTRACT	T.O.SL.	TOP OF SLAB
D.B.I.	DUNKIN' BRANDS INC.	NO.	NUMBER	TRT.	TREATED
DEPT.	DEPARTMENT	NOM.	NOMINAL	TYP.	TYPICAL
DTL.	DETAIL	N.T.S.	NOT TO SCALE	U.N.O.	UNLESS NOTED OTHERWISE
D.F.	DRINKING FOUNTAIN	O.A.	OVERALL	V.C.B.	VINYL COMPOSITION BASE
DIA.	DIAMETER	O.C.	ON CENTER	V.C.T.	VINYL COMPOSITION TILE
DIM.	DIMENSION	O.D.	OUTSIDE DIAMETER	VERT.	VERTICAL
DISP.	DISPENSER	OPNG.	OPENING	V.I.F.	VERIFY IN FIELD
DN.	DOWN	OPT.	OPTIONAL	V.W.C.	VINYL WALL COVERING
DR.	DOOR	O.S.B.	ORIENTED STRAND BOARD	W/	WITH
D.S.	DOWN SPOUT			W.C.	WATER CLOSET
DWG.	DRAWING	PL.	PLATE	W/O	WOOD
EA.	EACH	P.LAM.	PLASTIC LAMINATE	W/P	WITHOUT
EL.	ELEVATION	PLUMB.	PLUMBING	WP.	WATERPROOFING
ELEC.	ELECTRICAL	PLYWD.	PLYWOOD	WT.	WEIGHT
EQ.	EQUAL	PR.	PAIR	WWW.	WELDED WIRE MESH
EQUIP.	EQUIPMENT	PROP.	PROPERTY		
EXIST.	EXISTING	P.S.F.	PER SQUARE FOOT		
EXT.	EXTERIOR	P.S.I.	PER SQUARE INCH		
F.D.	FLOOR DRAIN	PTD.	PAINTED		
FIN.	FINISH	P.V.C.	POLY VINYL CHLORIDE		
FL.	FLOOR				
F.O.	FACE OF				
FRP	FIBERGLASS REINFORCED PANELS				

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GN-1.5	CONSTRUCTION SPECIFICATIONS (CONT.)
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**ADA STATEMENT**

I HEREBY CERTIFY 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 ADA ACCESSIBILITY GUIDELINES AND ANY STATE OR LOCAL ACCESSIBILITY CODES, REGULATIONS, OR STANDARDS

ARCHITECT'S SIGNATURE HERE \_\_\_\_\_ Date: \_\_\_\_\_

**DUNKIN' BRANDS REFERENCES**

DUNKIN NEXT GEN DESIGN/OMNI (REV. 04/14/21) GUIDELINES AND UPDATES V5.1

TYPE: COOL PALETTE

**DUNKIN' BRANDS DATA**

STORE DIMENSIONS:	SQ. FOOTAGE
DD RETAIL SALES AREA	1045 SQ. FT.
DD NON RETAIL AREA	214 SQ. FT.
DD TOTAL AREA:	1259 SQ. FT.

**SEATING:**

# OF TABLES	5
# OF SEATS	12
# OF BARRIER FREE SEATING UNITS	2
STAND UP COUNTERS (Y/N)	Y (N)
TOTAL # OF SEATS	14

**REST ROOMS:**

NUMBER OF RESTROOMS	1
PUBLIC ACCESS TO REST ROOMS	(Y) N
HANDICAP ACCESSIBLE	(Y) N

**DRIVE-THRU:**

YES/NO	NO
NUMBER OF DRIVE THRU WINDOWS	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

**BUILDING DATA**

USE GROUP:	A2
TYPE OF CONSTRUCTION:	TYPE 5B
STORIES:	1
ALLOWABLE FLOOR AREA:	6000 S.F. - UN. HT.
ACTUAL FLOOR AREA:	1259 S.F.
<b>OCCUPANCY LOAD:</b>	
FIXED SEATS:	14 PERSONS
EMPLOYEES:	7 PERSONS
TOTAL OCCUPANCY:	21 PERSONS
<b>ELECTRICAL SERVICE:</b>	
600A 120/240V 3PH	

BASED ON FOLLOWING CODES:  
MASSACHUSETTS STATE BUILDING CODE 780CMR 9TH EDITION 2017  
INTERNATIONAL BUILDING CODE 2015  
INTERNATIONAL ENERGY CONSERVATION CODE 2015  
INTERNATIONAL MECHANICAL CODE 2015  
INTERNATIONAL PLUMBING CODE 2015  
NATIONAL ELECTRICAL CODE 2017  
STATE FIRE CODE SAF-C 6000

**DUNKIN' BRANDS DATA**

IMAGE TYPE:  
SINGLE BRAND / COMBO (DD) BR DD/BR

TYPE	SQ. FOOTAGE	DIMENSIONS
FASCIA (1)	12.11 SF	18" H "DUNKIN" PRIMARY SIGN (FRONT)
FASCIA (2)	6.45 SF	36" H ICON CUP SIGN (SIDE)
FASCIA (3)	4.0 SF	HANGING LED MEDALLION SIGN (FRONT)
FASCIA (4)	VARIES	12" (CITY) RUNS ON DUNKIN' (SIDE)

NOTE: ALL SIGNAGE SUBJECT TO APPROVAL BY CITY & APPLIED FOR UNDER SEPARATE PERMIT BY SIGN VENDOR

**WALK IN FREEZER/ COOLER:**

BRAND	N/A
LOCATION	N/A
CLG. HT. WHERE BOX IS LOCATED/CLEARANCE OVERHEAD	N/A
OVERALL DIMS.	N/A
FREEZER DIMS.	N/A
COOLER DIMS.	N/A
ANTE RM. DIMS.	N/A
REFRIGERATION SYSTEM	N/A
REFRIGERATION LOCATION	N/A
FLUSH SLAB OR DEPRESSED	N/A
HURRICANE OR SEISMIC TIE DOWNS REQ.'D	N/A
CASTERS FOR SHELVING	N/A

SECTION NUMBER SHEET NUMBER <b>SECTION</b>	ELEV. NUMBER SHEET NUMBER <b>INTERIOR ELEV. INDICATOR</b>
DETAIL NUMBER SHEET NUMBER <b>DETAIL</b>	 <b>PARTITION TYPE</b>
DOOR MARK <b>DOOR</b>	DB-DIM-TAG <b>COLUMN REFERENCE GRIDS</b>
<b>KEY NOTE</b>	<b>EQUIPMENT TAG</b>
FINISH NUMBER <b>FINISHES</b>	ROOM NUMBER <b>ROOM</b>

**REVISIONS**

NO	DESCRIPTION	BY	DATE
1	INITIAL ISSUE	INOM	08/13/23

JOB LOCATION:  
CAMBRIDGE, MA  
655 MASS. AVENUE

TITLE SHEET

CONSTRUCTION:REMODEL  
IMAGE TYPE: NEXT GEN OMNI  
COOL PALETTE

SHEET  
**T-1.0**

JOB#: D23033  
DATE: 08/13/23  
PC#: 364942  
C.M.: MARK DONAHOE

CONSTRUCTION SPECIFICATIONS:

SECTION 02 4116 STRUCTURE DEMOLITION
PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. DEMOLITION OF DESIGNATED STRUCTURES.
2. DEMOLITION OF FOUNDATIONS AND SLABS ON GRADE AS REQUIRED.
3. DISCONNECTION AND CAPPING OR REMOVAL OF UTILITIES.
4. DEMOLITION OF WALKS, PAVING, CURBS, GUTTERS, AND SITE IMPROVEMENTS.
5. REMOVAL OF MATERIALS FROM SITE.

SECTION 03 3000 CAST-IN-PLACE CONCRETE
PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. CAST-IN-PLACE CONCRETE FOR FOUNDATIONS AND SLABS ON GRADE.
2. EQUIPMENT PADS.
3. BASES FOR LIGHTING FIXTURES.

SECTION 05 1200 STRUCTURAL STEEL FRAMING
PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. STRUCTURAL STEEL FRAMING MEMBERS.
2. GROUTING BASE PLATES.

SECTION 05 5000 METAL FABRICATIONS
PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. LADDERS.
2. BOLLSARDS.

SECTION 06 4000 WOOD TRIM
PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. INTERIOR WOOD TRIM.
2. SUBMITTALS

SECTION 06 4100 ARCHITECTURAL WOOD CASEWORK
PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. SPECIAL FABRICATED CABINET UNITS.
2. PLASTIC LAMINATE COUNTERTOPS.

SECTION 06 4200
PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. ROOF AND WALL FRAMING.
2. ROOF AND WALL SHEATHING.
3. WOOD BLOCKING AND FURRING.

SECTION 06 4200 ARCHITECTURAL WOOD CASEWORK
PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. SPECIAL FABRICATED CABINET UNITS.
2. PLASTIC LAMINATE COUNTERTOPS.

SECTION 06 4300
PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. 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.

SECTION 06 4400
PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. INSULATION WARRANTY.
2. PRODUCT DATA SHEET 1 - MANUFACTURER'S DATA SHEETS ON EACH PRODUCT TO BE USED.

SECTION 06 4500
PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. METAL WALL PANEL PERFORMANCE REQUIREMENTS.

SECTION 06 4600
PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. INTERIOR WOOD TRIM.
2. SUBMITTALS

SECTION 06 4600 WOOD TRIM
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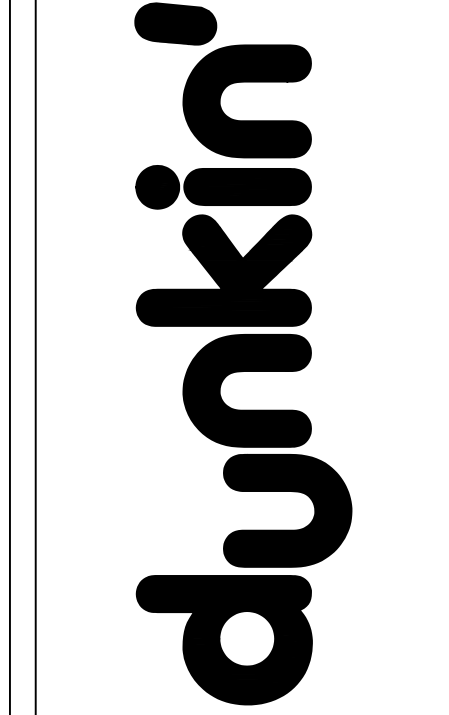
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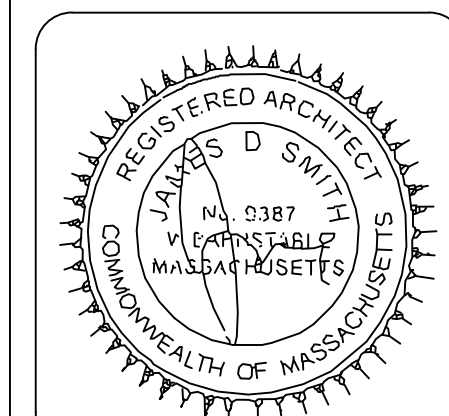


Table with 4 columns: NO, DESCRIPTION, BY, DATE

CAMBRIDGE, MA 02142
655 MASS. AVENUE
CONSTRUCTION SPECIFICATIONS
JOB LOCATION:
IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

SHEET GN-1.0
JOB#: D23033
DATE: 08/13/23
PC#: 364942
C.M.: MARK DONAHOE

CONSTRUCTION SPECIFICATIONS:

SECTION 07 2113 THERMAL INSULATION (CONTINUED) 2.1 COMPLIANCE: A. ASTM C1289 TYPE I, CLASS 1 POLYISO.

PRODUCT DATA SHEET 2 - THERMASHEATH-XP CLOSED-CELL POLYISOCYANURATE INSULATION WITH REINFORCED FOIL FACER ON EACH SIDE. 2.1 COMPLIANCE: A. ASTM C1289 TYPE I, CLASS 1

PRODUCT DATA SHEET 3 - THERMASHEATH-XP CLOSED-CELL POLYISOCYANURATE (POLYISO) FOAM, WHICH IS BONDED ON BOTH SIDES WITH A HIGHLY DURABLE, EMBOSSED ALUMINUM FACERS. ONE SIDE HAS A WHITE MODIFIED ACRYLIC COATING AND THE OTHER SIDE HAS A REFLECTIVE SURFACE WITH A CLEAR COATING.

PRODUCT DATA SHEET 4 - R-MATTE PLUS-3 CLOSED-CELL POLYISOCYANURATE INSULATION WITH REINFORCED FOIL FACER ON EACH SIDE, REFLECTIVE ON ONE SIDE AND NON-GLARE MATTE ON THE OTHER SIDE. 2.1 COMPLIANCE: A. ASTM C1289 TYPE I, CLASS 1

INORGANIC POLYMER PRODUCT DATA SHEET 6 - WALL PANEL ACCESSORIES: PROVIDE COMPONENTS REQUIRED FOR A COMPLETE METAL WALL PANEL ASSEMBLY INCLUDING TRIM, COPINGS, FASCIAE, SPLINES, CORNER UNITS, CLIPS, FLASHINGS, SEALANTS, GASKETS, FILLERS, CLOSURE STRIPS, AND SIMILAR ITEMS.

SCHEDULE 0 - EXAMINATION PRODUCT DATA SHEET 0 - DO NOT BEGIN INSTALLATION UNTIL SUBSTRATES HAVE BEEN PROPERLY PREPARED. PRODUCT DATA SHEET 1 - IF SUBSTRATE PREPARATION IS THE RESPONSIBILITY OF ANOTHER INSTALLER,

SCHEDULE 3 - INSTALLATION, RAINSCREEN PANEL SYSTEM PRODUCT DATA SHEET 0 - GENERAL. INSTALL METAL WALL PANELS IN ORIENTATION, SIZES, AND LOCATIONS INDICATED ON APPROVED SHOP DRAWINGS.

SECTION 07 2115 BATT INSULATION PART 1 GENERAL 1.1 SUMMARY A. SECTION INCLUDES: 1. BATT INSULATION IN EXTERIOR WALL AND ROOF ASSEMBLIES.

SECTION 07 2500 WEATHER BARRIERS DUPONT TM TYVEK® THERMAWRAP TM PART 1 GENERAL 1.1 SECTION INCLUDES A. WEATHER BARRIER MEMBRANE (DUPONT™ TYVEK® THERMAWRAP™)

4. WARRANTY: SAMPLE WARRANTY FORM. B. QUALITY CONTROL SUBMITTALS: 1. CERTIFICATES OF COMPLIANCE: a. MANUFACTURER'S DOCUMENTS THAT INSTALLED SYSTEM COMPLIES WITH REQUIREMENTS OF CONTRACT DOCUMENTS.

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

3.1 APPLICATION OF MOISTURE BARRIER 4. INSTALL MOISTURE BARRIER INCLUDING WALL PENETRATION AND SUBSTRATE PREPARATION IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS BASED ON SUBSTRATE TYPE.

SECTION 07 2500 WEATHER BARRIERS DUPONT TM TYVEK® THERMAWRAP TM PART 1 GENERAL 1.1 SECTION INCLUDES A. WEATHER BARRIER MEMBRANE (DUPONT™ TYVEK® THERMAWRAP™)

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.

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

2.1 MANUFACTURER A. DUPONT™ 417 LANCASTER PIKE, CHESTNUT RUN PLAZA 728, WILMINGTON, DE 19805; 1-800-44-TYVEK (8-9835); HTTP://WWW.CONSTRUCTION.TYVEK.COM

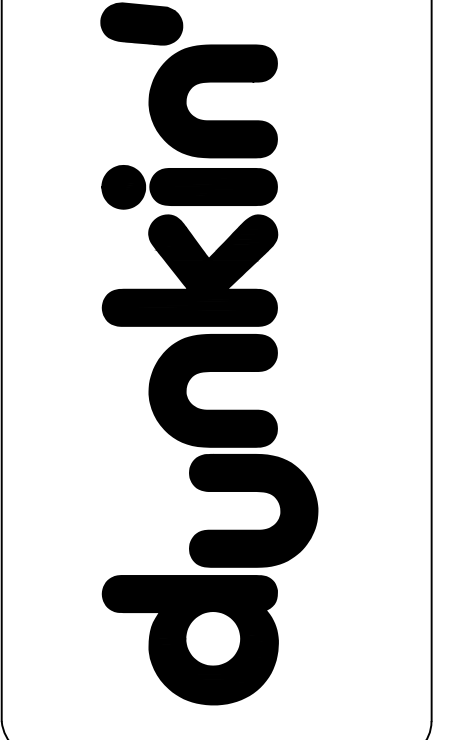
2.1 MANUFACTURER A. DUPONT™ 417 LANCASTER PIKE, CHESTNUT RUN PLAZA 728, WILMINGTON, DE 19805; 1-800-44-TYVEK (8-9835); HTTP://WWW.CONSTRUCTION.TYVEK.COM

4. DUPONT™ STRAIGHTFLASH™ VF, AS DISTRIBUTED BY DUPONT: DUAL-SIDED STRAIGHT FLASHING MEMBRANE MATERIALS FOR BRICK MOLD AND NON-FLANGED WINDOWS AND DOORS.

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.

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

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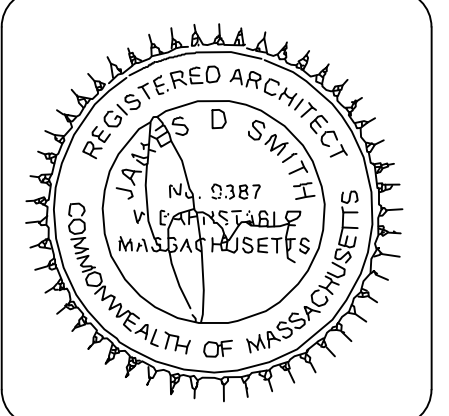


Table with 3 columns: NO. DESCRIPTION, REVISIONS, DATE. Row 1: INITIAL ISSUE, 08/13/23

JOB LOCATION: CAMBRIDGE, MA 655 MASS. AVENUE CONSTRUCTION SPECIFICATIONS IMAGE TYPE: NEXT GEN OMNI COOL PALETTE CONSTRUCTION/REMODEL

SHEET GN-1.1 JOB#: D23033 DATE: 08/13/23 PC#: 364942 C.M.: MARK DONAHOE



CONSTRUCTION SPECIFICATIONS:

SECTION 07 5400 THERMOPLASTIC MEMBRANE ROOFING (CONTINUED)
3.7 ALTERNATE APPROVED INSTALLATION METHOD - INDUCTION WELDED ROOFING MEMBRANE INSTALLATION
A. INSTALL ROOFING MEMBRANE OVER AREA TO RECEIVE ROOFING ACCORDING TO ROOFING SYSTEM MANUFACTURER'S WRITTEN INSTRUCTIONS...

3.8 BASE FLASHING INSTALLATION
A. INSTALL SHEET FLASHINGS AND PREFORMED FLASHING ACCESSORIES AND ADHERE TO SUBSTRATES IN ACCORDANCE WITH MEMBRANE ROOFING SYSTEM MANUFACTURER'S WRITTEN INSTRUCTIONS...

3.9 WALKWAY INSTALLATION
A. FLEXIBLE WALKWAYS: INSTALL WALKWAY PRODUCTS IN LOCATIONS INDICATED, HEAT-WELD WALKWAY PRODUCTS TO SUBSTRATE ACCORDING TO ROOFING SYSTEM MANUFACTURER'S WRITTEN INSTRUCTIONS...

3.10 FIELD QUALITY CONTROL
A. FINAL ROOF INSPECTION: ARRANGE FOR ROOFING SYSTEM MANUFACTURER'S REGISTERED ROOF OBSERVER (RRO) TO INSPECT ROOFING INSTALLATION ON COMPLETION AND SUBMIT REPORT TO ARCHITECT...

SECTION 07 5419 POLYVINYL CHLORIDE (PVC) MEMBRANE ROOFING

PART 1 GENERAL
1.1 SECTION INCLUDES
A. PVC MECHANICALLY FASTENED MEMBRANE ROOFING SYSTEM.
B. ROOF INSULATION.
1.2 DESIGN CRITERIA
A. GENERAL: INSTALLED ROOFING MEMBRANE SYSTEMS SHALL REMAIN WATERTIGHT; AND RESIST SPECIFIED WIND UPLIFT PRESSURES...

4.5 SUBMITTALS
A. PRODUCT DATA: MANUFACTURER'S PRODUCT DATA SHEETS FOR EACH PRODUCT TO BE PROVIDED.
B. DETAIL DRAWINGS: PROVIDE ROOFING SYSTEM PLANS, ELEVATIONS, SECTIONS, DETAILS, AND DETAILS OF ATTACHMENT TO OTHER WORK...

4.6 QUALITY ASSURANCE
A. INSTALLER QUALIFICATIONS: QUALIFIED FIRM THAT IS APPROVED, AUTHORIZED, OR LICENSED BY ROOFING SYSTEM MANUFACTURER TO INSTALL MANUFACTURER'S PRODUCT AND IS ELIGIBLE TO RECEIVE THE SPECIFIED MANUFACTURER'S GUARANTEE...

4.7 DELIVERY, STORAGE, AND HANDLING
A. DELIVER ROOFING MATERIALS IN ORIGINAL CONTAINERS WITH SEALS UNBROKEN AND LABELED WITH MANUFACTURER'S NAME, PRODUCT BRAND NAME AND TYPE, DATE OF MANUFACTURE, AND DIRECTIONS FOR STORAGE...

4.8 DEFLECTION OF DECK.
PROJECT CONDITIONS
A. WEATHER LIMITATIONS: PROCEED WITH INSTALLATION ONLY WHEN CURRENT AND FORECASTED WEATHER CONDITIONS PERMIT ROOFING SYSTEM TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND GUARANTEE REQUIREMENTS...

PART 5 PRODUCTS
5.1 POLYVINYL-CHLORIDE ROOFING MEMBRANE - PVC
A. PVC SHEET: ASTM D 4434, TYPE III, FABRIC REINFORCED THAT CONTAINS KEE (ELVALOY) TO REDUCE PLASTICIZER MIGRATION...

5.2 AUXILIARY ROOFING MATERIALS - SINGLE PLY
A. GENERAL: AUXILIARY MATERIALS RECOMMENDED BY ROOFING SYSTEM MANUFACTURER FOR INTENDED USE AND COMPATIBLE WITH MEMBRANE ROOFING...

5.3 AUXILIARY ROOFING SYSTEM COMPONENTS
A. EXPANSION JOINTS: PROVIDE FACTORY FABRICATED WEATHERPROOF, EXTERIOR COVERS FOR EXPANSION JOINT OPENINGS CONSISTING OF FLEXIBLE RUBBER MEMBRANE, SUPPORTED BY A CLOSED CELL FOAM TO FORM FLEXIBLE BELLOWS...

5.4 WALKWAYS AND SAFETY STRIPS
A. FLEXIBLE WALKWAYS: FACTORY-FORMED, NONPOROUS, HEAVY-DUTY, SLIP-RESISTING, SURFACE-TEXTURED WALKWAY PADS SOURCED FROM MEMBRANE ROOFING SYSTEM MANUFACTURER...
B. SAFETY STRIPS: MANUFACTURER'S MINIMUM 45 MILS, REINFORCED, UV-RESISTANT PVC (POLYVINYL CHLORIDE) WITH ELVALOY KEE (KETONE ETHYLENE ESTER) SAFETY WARNING LINE FOR ROOF PERIMETERS...

PART 6 EXECUTION
6.1 EXAMINATION
A. EXAMINE SUBSTRATES, AREAS, AND CONDITIONS FOR COMPLIANCE WITH THE REQUIREMENTS AFFECTING PERFORMANCE OF ROOFING SYSTEM.
1. GENERAL:
a. VERIFY THAT ROOF OPENINGS AND PENETRATIONS ARE IN PLACE AND SET AND BRACED AND THAT ROOF DRAINS ARE SECURELY CLAMPED IN PLACE...

PREVIOUS LAYER A MINIMUM OF 6 INCHES (150 MM) IN EACH DIRECTION.
F. TRIM SURFACE OF INSULATION BOARDS WHERE NECESSARY AT ROOF DRAINS SO COMPLETED SURFACE IS FLUSH AND DOES NOT RESTRICT FLOW OF WATER.
G. FLASHING PROFILE, MINIMUM 8 INCHES LONG.
H. PRELIMINARILY FASTENED INSULATION FOR MECHANICALLY FASTENED SYSTEMS: INSTALL INSULATION WITH FASTENERS AT RATE REQUIRED BY ROOFING SYSTEM MANUFACTURER OR APPLICABLE AUTHORITY...

6.5 MECHANICALLY FASTENED ROOFING MEMBRANE INSTALLATION
A. INSTALL ROOFING MEMBRANE OVER AREA TO RECEIVE ROOFING IN ACCORDANCE WITH ROOFING SYSTEM MANUFACTURER'S WRITTEN INSTRUCTIONS.
1. UNROLL ROOFING MEMBRANE AND ALLOW TO RELAX BEFORE INSTALLING.
2. INSTALL SHEET IN ACCORDANCE WITH ROOFING SYSTEM MANUFACTURER'S WRITTEN INSTRUCTIONS...

6.7 WALKWAY INSTALLATION
A. FLEXIBLE WALKWAYS: INSTALL WALKWAY PRODUCTS IN LOCATIONS INDICATED. HEAT-WELD WALKWAY PRODUCTS TO SUBSTRATE ACCORDING TO ROOFING SYSTEM MANUFACTURER'S WRITTEN INSTRUCTIONS...
B. ROOF-PAVER WALKWAYS: INSTALL WALKWAY ROOF PAVERS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS IN LOCATIONS INDICATED...

6.8 FIELD QUALITY CONTROL
A. TESTING AGENCY: OWNER WILL ENGAGE A QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY TO PERFORM ROOF TESTS AND INSPECTIONS AND TO PREPARE TEST REPORTS.
B. FINAL ROOF INSPECTION: ARRANGE FOR ROOFING SYSTEM MANUFACTURER'S REGISTERED ROOF OBSERVER (RRO) TO INSPECT ROOFING INSTALLATION ON COMPLETION AND SUBMIT REPORT TO ARCHITECT...

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...

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...

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.
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...

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: 250 GRAMS PER LITER...

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 C1390, CLOSED CELL POLYETHYLENE FOAM, PREFORMED ROUND, JOINT FILLER, NON ABSORBING, NON STAINING, RESILIENT, COMPATIBLE WITH SEALER AND PRIMER...

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 C1193.
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.

SECTION 08 1113 HOLLOW METAL DOORS AND FRAMES

PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. HOLLOW STEEL DOORS AND FRAMES.
1.2 SUBMITTALS
A. SUSTAINABLE DESIGN SUBMITTALS:
1. RECYCLED CONTENT.
2. REGIONAL MATERIALS.
1.3 QUALITY ASSURANCE
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 DELIVERY, STORAGE AND HANDLING
A. SHIP DOOR FRAMES WITH REMOVABLE ANGLE SPREADER: DO NOT REMOVE UNTIL FRAME IS INSTALLED.
B. STORE DOORS UPRIGHT IN PROTECTED, DRY AREA, OFF GROUND OR FLOOR, WITH AT LEAST 14 INCH SPACE BETWEEN INDIVIDUAL UNITS.

PART 2 PRODUCTS
2.1 MANUFACTURERS
A. ACCEPTABLE MANUFACTURERS:
1. STEELCRAFT, (WWW.STEELCRAFT.COM)
2. STEEL SHEET:
1. ASTM A1008/1008M, COLD ROLLED.
2. RECYCLED CONTENT: MINIMUM PERCENT, WITH MINIMUM PERCENT CLASSIFIED AS POST-CONSUMER AS SHOWN ON DRAWINGS.
B. DOOR CORE:
1. EXTERIOR DOORS: FOAMED-IN-PLACE POLYURETHANE INSULATION MANUFACTURED USING FLOW-EMITTING, UREA FORMALDEHYDE-FREE BINDERS.
2. FABRICATION
A. FABRICATE DOORS AND FRAMES IN ACCORDANCE WITH ANSIS/DI A250.8.
B. FABRICATE EXTERIOR DOORS AND FRAMES FROM GALVANIZED STEEL SHEET.
C. DOORS:

1. FABRICATE FROM MINIMUM 16 GAGE SHEETS.
2. CLOSE TOP AND BOTTOM EDGES OF DOORS WITH STEEL CHANNEL, MINIMUM 16, GAGE, EXTENDING FULL WIDTH OF DOOR, AND SPOT WELDED TO BOTH FACES, WITH TOP CHANNEL FLUSH AND BOTTOM CHANNEL RECESSED.
D. FRAMES:
1. FABRICATE FROM MINIMUM 16 GAGE SHEETS.
2. PROVIDE SELF-ALIGNING TABS AND SLOTS TO HOLD CORNERS IN ALIGNMENT.
3. ANCHORS:
a. PROVIDE ONE ANCHOR AT EACH JAMB FOR EACH 30 INCHES OF DOOR HEIGHT.
b. PROVIDE ONE FLOOR ANCHOR WELDED TO EACH JAMB.
E. ACCURATELY FORM TO REQUIRED SIZES AND PROFILES.
F. DO NOT USE METALLIC FILLER TO CONCEAL MANUFACTURING DEFECTS.
G. FABRICATE WITH INTERNAL REINFORCEMENT FOR HARDWARE SPECIFIED IN SECTION 08 7100; WELD IN PLACE.
H. DESIGN CLEARANCES:
1. BETWEEN DOOR AND FRAME: MAXIMUM 1/8 INCH.
2. UNDERCUT:
a. NON-FIRE RATED DOORS: MAXIMUM 3/4 INCH.
b. BETWEEN FACE OF DOOR AND STOP: 1/16 TO 3/32 INCH.
I. MANUFACTURING TOLERANCES: IN ACCORDANCE WITH SD-117.
2.4 FINISHES
A. DRESS TOOL MARKS AND SURFACE IMPERFECTIONS TO SMOOTH SURFACES.
B. CLEAN AND CHEMICALLY TREAT STEEL SURFACES.
C. TOUCH UP DAMAGED METALLIC COATINGS.
D. APPLY MANUFACTURER'S STANDARD RUST INHIBITING PRIMER PAINT, AIR-DRIED OR BAKED ON, MEETING REQUIREMENTS OF ANSIS/DI A2010.

SECTION 08 1416 FLUSH WOOD DOORS

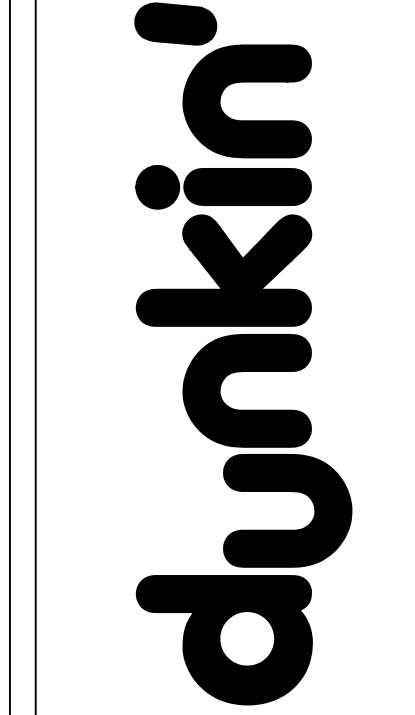
PART 1 GENERAL
1.1 SUMMARY
A. SECTION INCLUDES:
1. WOOD VENEER FACED FLUSH DOORS.
B. RELATED SECTIONS:
1. SECTION 08 7100 - DOOR HARDWARE.
1.3 SUBMITTALS
A. SUSTAINABLE DESIGN SUBMITTALS:
1. RECYCLED CONTENT.
2. REGIONAL MATERIALS.
3. RAPIDLY RENEWABLE MATERIALS.
4. CERTIFIED WOOD.
1.4 DELIVERY, STORAGE AND HANDLING
A. PACKAGE DOORS IN HEAVY PLASTIC WITH IDENTIFYING MARKS, SLIT PLASTIC WRAP ON SITE TO PERMIT VENTILATION, BUT DO NOT REMOVE FROM PLASTIC UNTIL READY TO INSTALL.
B. DO NOT DELIVER DOORS UNTIL BUILDING IS SUBSTANTIALLY WATER AND WEATHER TIGHT.
C. STORE DOORS FLAT AND LEVEL, WITH SPACERS BETWEEN DOORS TO ALLOW FOR AIR CIRCULATION, IN PROTECTED, DRY AREA.
D. ENVIRONMENTAL REQUIREMENTS: MAINTAIN FOLLOWING CONDITIONS IN BUILDING FOR MINIMUM 7 DAYS PRIOR TO, DURING, AND AFTER INSTALLATION OF DOORS:
1. TEMPERATURE: 60 TO 80 DEGREES F.
2. HUMIDITY: 25 TO 55 PERCENT.

PART 2 PRODUCTS

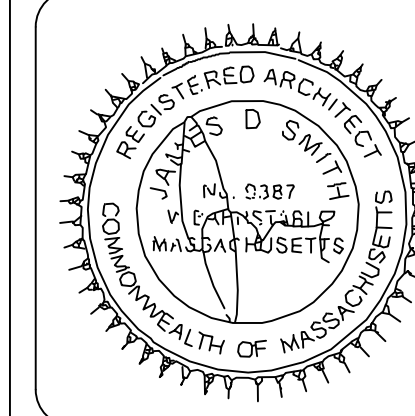
2.1 MATERIALS
A. FLUSH WOOD DOORS:
1. WDMA I.S.1A.
2. CORE TYPE:
a. SOLID, NON-RATED: TYPE PC - PARTICLEBOARD CORE, BONDED.
3. WOOD VENEER FACES:
a. CLOSED GRAIN HARDWOOD, OF QUALITY SUITABLE FOR OPAQUE FINISH.
b. CERTIFIED TO FSC S70-04-004.
4. ADHESIVES: WATER RESISTANT.
2.2 FABRICATION
A. FABRICATE DOORS IN ACCORDANCE WITH WDMA I.S.1A.
1. PERFORMANCE DUTY LEVEL: HEAVY DUTY.
2. NUMBER OF PILES: 5.
3. VENEER MATCHING:
a. PIECE MATCH: SLIP.

PART 3 EXECUTION
3.1 PREPARATION
A. CONDITION DOORS TO AVERAGE HUMIDITY THAT WILL BE ENCOUNTERED AFTER INSTALLATION.

(CONTINUED ON NEXT SHEET)



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REVISIONS table with columns: NO, DESCRIPTION, BY, DATE. Row 1: INITIAL ISSUE, NOM, 08/13/23

JOB LOCATION: CAMBRIDGE, MA 655 MASS. AVENUE
CONSTRUCTION SPECIFICATIONS
CONSTRUCTION/REMODEL IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

SHEET GN-1.3
JOB#: D23033
DATE: 08/13/23
PC#: 364942
C.M.: MARK DONAHOE





**CONSTRUCTION SPECIFICATIONS:**

**SECTION 12 2413  
ROLLER WINDOW SHADES  
(CONTINUED)**

- 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 0.45  
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 TOPS
- G. BOTTOM HEM BAR WILL BE DECOR BAR BLACK 1/2"X1" 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
- A. ADJUST SHADES FOR SMOOTH, QUIET OPERATION.

**SECTION 12 4813  
ENTRANCE FLOOR MATS**

**PART 1 GENERAL**

- 1.1 SUMMARY
- A. SECTION INCLUDES:
- ALUMINUM GRID FLOOR MATS.
  - RECESSED FRAME.
- 1.3 SYSTEM DESCRIPTION
- a. PERFORMANCE REQUIREMENTS: PROVIDE RECESSED ALUMINUM ENTRANCE FLOOR MAT SYSTEM, WHICH HAS BEEN MANUFACTURED AND INSTALLED TO MAINTAIN PERFORMANCE CRITERIA STATED BY MANUFACTURER WITHOUT DEFECTS, DAMAGE OR FAILURE.
- 1.4 SUBMITTALS
- a. PRODUCT DATA: SUBMIT PRODUCT DATA, INCLUDING MANUFACTURER'S SPECIFICATION SHEET AND INSTALLATION INSTRUCTIONS FOR SPECIFIED PRODUCTS. INCLUDE METHODS OF INSTALLATION AND SUBSTRATE PREPARATION FOR EACH TYPE OF SUBSTRATE.
- b. SHOP DRAWINGS: SUBMIT SHOP DRAWINGS SHOWING LAYOUT, PROFILES AND PRODUCT COMPONENTS, INCLUDING ANCHORAGE, ACCESSORIES, FINISH COLORS, PATTERNS AND TEXTURES.
- c. SAMPLES: SUBMIT SAMPLES FOR EACH TYPE AND COLOR OF EXPOSED ENTRANCE MAT, FRAMES AND ACCESSORIES REQUIRED. PROVIDE SAMPLES OF MAT MATERIALS.
- d. QUALITY ASSURANCE SUBMITTALS: (1) CERTIFIED TEST REPORTS SHOWING COMPLIANCE WITH SPECIFIED PERFORMANCE CHARACTERISTICS AND PHYSICAL PROPERTIES, AND (2) MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- e. CLOSEOUT SUBMITTALS: (1) CLEANING & MAINTENANCE DATA (INCLUDE METHODS FOR MAINTAINING INSTALLED PRODUCTS AND PRECAUTIONS AGAINST CLEANING MATERIALS AND METHODS DETRIMENTAL TO FINISHES AND PERFORMANCE), AND (2) WARRANTY.
- 1.5 QUALITY ASSURANCE
- a. INSTALLER: INSTALLER SHOULD BE HIGHLY EXPERIENCED IN PERFORMING WORK OF THIS SECTION, HAVING PREVIOUSLY DONE WORK SIMILAR TO THAT REQUIRED FOR THIS PROJECT.
- 1.6 SEQUENCING/SCHEDULING
- a. ORDERING: COMPLY WITH MANUFACTURER'S ORDERING INSTRUCTIONS AND LEAD-TIME REQUIREMENTS TO AVOID CONSTRUCTION DELAYS.
- b. DELIVERY: DELIVER MATERIALS IN MANUFACTURER'S ORIGINAL, UNOPENED, UNDAMAGED PACKAGING.
- c. STORAGE: STORE MATERIALS AT TEMPERATURE AND IN HUMIDITY CONDITIONS RECOMMENDED BY MANUFACTURER AND PROTECT FROM EXPOSURE TO HARMFUL WEATHER CONDITIONS.
- d. INSTALLATION: EXCEPT AS OTHERWISE INDICATED HEREIN, SEQUENCING OR SCHEDULING FOR PERFORMANCE OF WORK OF THIS SECTION IN RELATION WITH OTHER WORK IS CONTRACTOR'S OPTION. DELAY INSTALLATION OF MATS UNTIL NEAR TIME OF SUBSTANTIAL COMPLETION FOR THE PROJECT.
- 1.7 PROJECT CONDITIONS
- a. TEMPERATURE: MAINTAIN TEMPERATURE WHERE PRODUCTS WILL BE INSTALLED BEFORE, DURING AND AFTER INSTALLATION AS RECOMMENDED BY MANUFACTURER.
- b. FIELD MEASUREMENTS: WHERE POSSIBLE, VERIFY ACTUAL MEASUREMENTS BY FIELD MEASURING BEFORE FABRICATION AND INCLUDE MEASUREMENTS IN SHOP DRAWINGS. TO AVOID CONSTRUCTION DELAYS, COORDINATE FIELD MEASUREMENTS AND FABRICATION SCHEDULE BASED UPON CONSTRUCTION PROGRESS.

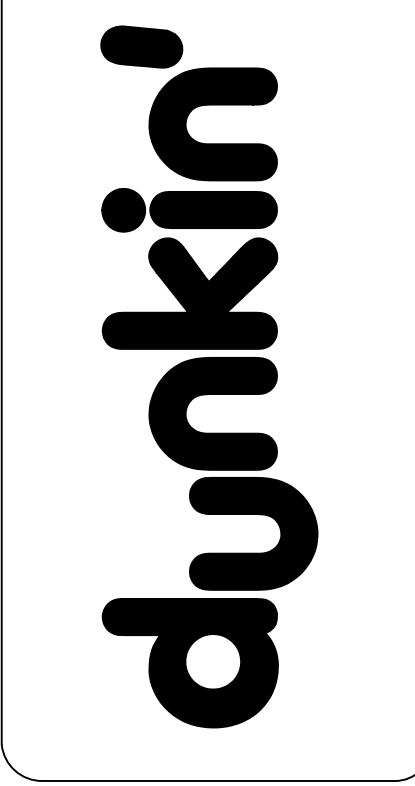
**PART 2 PRODUCTS**

- 2.1 ACCEPTABLE MANUFACTURER
- A. PROVIDE DUAL TRACK FOOT GRILLE BY **MATS INC.**, 37 SHUMAN AVENUE, STOUGHTON, MA, 02072; TELEPHONE: 800-828-7482 OR 781-344-1536; FAX: 781-344-1537; [WWW.MAT5INC.COM](http://WWW.MAT5INC.COM)
- 2.2 MATERIALS
- A. PRODUCT: DUAL TRACK.
- CONSTRUCTION: BOLT-THRU DESIGN WITH INDIVIDUAL ALUMINUM SPACERS. SWEDGE, WELDED AND KEY LOCK FASTENING OF RAILS IS NOT ALLOWED.
  - MATERIAL: ALUMINUM ALLOY TYPE 6061-T6. SOFT ALUMINUM ALLOY (SUCH AS 6063-T52) IS NOT ALLOWED
  - DRYING INSERT: DRYING INSERTS TO BE NYLON MATERIAL WITH 5% POST-CONSUMER RECYCLED CONTENT.
  - RECYCLED CONTENT: ALUMINUM TO BE 43.97% PRE-CONSUMER AND 14.12% POST-CONSUMER RECYCLED CONTENT
  - BLADES: T-SHAPED BLADES, 1-5/16 X 1/8 X 1-1/2 INCH SIZE, COMBINED WITH T SHAPED BLADES 11/16 X 1/8" WITH ANTI-SLIP POLYMER C3065 INSERT. SPACING BETWEEN BLADES NOT TO EXCEED 3/16 INCH.
  - DIMENSION: GRILLE DEPTH TO BE 1-1/2", WITH FRAME 1-5/8"
  - PANELS: FOOT GRILLE TO BE SUPPLIED IN PANELS NOT TO EXCEED 48" X 42". ONE PIECE DESIGN NOT ALLOWED. ALL GRILLE PANELS TO BE SUPPLIED WITH INDIVIDUAL, PREFABRICATED, FACTORY-ASSEMBLED FRAMES
  - LOAD CAPACITY: 3.831 LBS PER 2 FOOT SPAN
- B. FRAMING ACCESSORIES FOR RECESSED ALUMINUM FOOT GRILLE: FRAMING WILL HAVE THE FOLLOWING CHARACTERISTICS:
- RECESSED FRAME INTEGRAL WITH CONCRETE SUBSTRATE: THE PERIMETER FRAMES SHALL BE AN INVERTED "T" SHAPE SUCH AS MODEL "V" BY MATS INC. IN ORDER TO ANCHOR THE STRUCTURE INTO THE CONCRETE. ALL ALUMINUM FRAMES SHALL BE PRE-ASSEMBLED AT FACTORY INCORPORATING WELDED CONSTRUCTION FOR ALL JOINTS. EACH GRILLE SECTION SHALL INCORPORATE AN INVISIBLE SECTION DIVIDER INTEGRATED AND WELDED WITHIN THE FRAME. FRAMES AND GRILLES SHALL BE SHIPPED FULLY ASSEMBLED IN PROTECTIVE WOODEN CRATING TO EACH JOBSITE. FOR SECTIONS LARGER THAN 6" BY 6" A MECHANICAL JOINT IS TO BE PROVIDED, (IF SPECIFIED).
  - THE PERIMETER FRAMES SHALL BE "Z" SHAPE SUCH AS MODEL "T" BY MATS INC. FOR INSTALLATION OVER FINISHED FLOOR SURFACES. ALL ALUMINUM FRAMES SHALL BE PRE-ASSEMBLED AT FACTORY INCORPORATING WELDED CONSTRUCTION FOR ALL JOINTS. EACH GRILLE SECTION SHALL INCORPORATE AN INVISIBLE SECTION DIVIDER INTEGRATED AND WELDED WITHIN THE FRAME. FRAMES AND GRILLES SHALL BE SHIPPED FULLY ASSEMBLED IN PROTECTIVE WOODEN CRATING TO EACH JOBSITE. FOR SECTIONS LARGER THAN 6" BY 6" A MECHANICAL JOINT IS TO BE PROVIDED (IF SPECIFIED). A SILICONE JOINT IS TO BE APPLIED BETWEEN THE FRAME AND THE FINISHED FLOOR TO PREVENT ANY WATER INFILTRATION (BY OTHERS).
  - RECESSED FRAME FOR EITHER CONCRETE SUBSTRATE OR FINISHED SURFACE: THE PERIMETER FRAMES SHALL BE AN ANGLE AD FRAME, EITHER "LEVEL" OR "EMBEDDED" DEPENDING ON THE INSTALLATION. FOR INSTALLATION WITH EITHER NEW CONSTRUCTION OR RETROFITS. ALL ALUMINUM FRAMES SHALL BE PRE-ASSEMBLED AT FACTORY INCORPORATING WELDED CONSTRUCTION FOR ALL JOINTS. EACH GRILLE SECTION SHALL INCORPORATE AN INVISIBLE

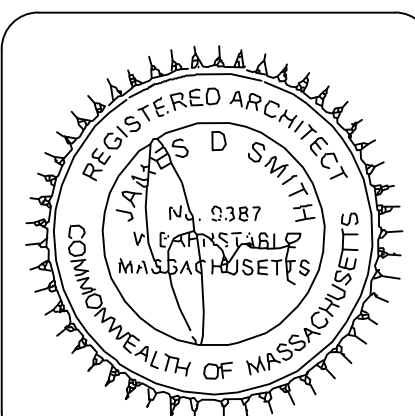
- SECTION DIVIDER INTEGRATED AND WELDED WITHIN THE FRAME. FRAMES AND GRILLES SHALL BE SHIPPED FULLY ASSEMBLED IN PROTECTIVE WOODEN CRATING TO EACH JOBSITE. FOR SECTIONS LARGER THAN 6" BY 6" A MECHANICAL JOINT IS TO BE PROVIDED, (IF SPECIFIED).
- C. OPTIONAL ACCESSORIES FOR RECESSED ALUMINUM FOOT GRILLE  
1. RECESSED PAN: 20 GAUGE ALUMINUM (OPTIONAL)  
2. ACCESSORIES: STAINLESS STEEL HINGES
- D. PRODUCT TESTING FOR RECESSED FOOT GRILLE  
1. ASTM C1028 STATIC COEFFICIENT OF FRICTION: 1.21  
2. ASTM B117 PRODUCT CORROSION TO SALT: PRODUCT WITHSTANDS 1000 HOURS OF SALT FOG WITHOUT ANY NOTICEABLE CHANGES.
- 2.3 PRODUCT SUBSTITUTIONS  
A. SUBSTITUTIONS: NO SUBSTITUTIONS PERMITTED.

**PART 3 EXECUTION**

- 3.1 SUBSTRATE PREPARATION
- A. EXAMINE SUBSTRATES AND CONDITIONS WHERE FLOOR MATS WILL BE INSTALLED. DO NOT PROCEED WITH INSTALLATION UNTIL UNSATISFACTORY CONDITIONS ARE CORRECTED. SUB FLOOR SHALL BE CLEAN AND DRY, AND WITHIN ACCEPTABLE TOLERANCES.
- 3.2 INSTALLATION
- A. SIZES: SHOP-FABRICATE UNITS OF FLOOR MAT TO GREATEST EXTENT POSSIBLE IN SIZES AS INDICATED. WHERE NOT INDICATED OTHERWISE, PROVIDE SINGLE UNIT FOR EACH MAT INSTALLATION, BUT DO NOT EXCEED MANUFACTURER'S MAXIMUM SIZE RECOMMENDATION FOR UNITS INTENDED FOR REMOVAL AND CLEANING. WHERE JOINTS IN MATS ARE NECESSARY, SPACE SYMMETRICALLY AND AWAY FROM NORMAL TRAFFIC LANES. MITER CORNER JOINTS IN FRAMING ELEMENTS WITH HAIRLINE JOINTS OR PROVIDE PREFABRICATED CORNER UNITS WITHOUT JOINTS, WHERE POSSIBLE. VERIFY SIZES BY FIELD MEASUREMENT BEFORE SHOP FABRICATION.
- B. ACCESSORIES: WHERE INDICATED FOR RECESSED OR WALL-TO-WALL APPLICATIONS, PROVIDE ALUMINUM FRAMEWORK AS RECOMMENDED BY MANUFACTURER.
- C. GENERAL: STRICTLY COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS. COORDINATE INSTALLATION WITH ADJACENT WORK TO ENSURE PROPER CLEARANCES AND TO PREVENT TRIPPING HAZARDS.
- 3.3 CLEANING AND PROTECTION
- A. GENERAL CLEANING: REFER TO MANUFACTURER'S CLEANING AND MAINTENANCE INSTRUCTIONS.
- B. OWNER'S PERSONNEL: INSTRUCT OWNER'S PERSONNEL IN PROPER MAINTENANCE PROCEDURES.
- C. PROTECTION: PROTECT INSTALLED PRODUCT AND FINISH SURFACES FROM DAMAGE DURING CONSTRUCTION AND UNTIL ACCEPTANCE.



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NO.	DESCRIPTION	BY	DATE
1	INITIAL ISSUE	NDM	08/13/23

JOB LOCATION:  
**CAMBRIDGE, MA**  
655 MASS. AVENUE

**CONSTRUCTION  
SPECIFICATIONS**

CONSTRUCTION:REMODEL IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

SHEET  
**GN-1.6**

JOB#: D23033  
DATE: 08/13/23  
PC#: 364942  
C.M.: MARK DONAHOE



CONSTRUCTION SPECIFICATIONS:

**DIVISION 22 - PLUMBING**  
**SECTION 22 1000 PLUMBING**

**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.  
C. PERMITS AND INSPECTIONS  
D. ALL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH STATE, COUNTY AND MUNICIPAL ORDINANCES AND REGULATIONS.  
E. 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 ALL TAPS TO WATER MAINS AND CONNECTIONS TO SEWERS.  
F. LESSEE/FRANCHISE OWNER'S EQUIPMENT  
G. ALL MATERIALS AND CONNECTIONS TO ALL LESSEE/FRANCHISE OWNER'S EQUIPMENT AND FURNISH AND INSTALL ANY FITTINGS OR INCIDENTAL ACCESSORIES THAT MAY BE NECESSARY BY JOB CONDITIONS OR THAT MAY BE REQUIRED BY LOCAL BUILDING OR HEALTH CODES FOR COMPLETING FINAL CONNECTIONS AND MAKING EQUIPMENT READY FOR OPERATION.  
H. UNDER-SLAB UTILITIES  
I. DIMENSIONS FOR 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.

**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 AS FURNISHED BY MANUFACTURER. FITTINGS SHALL BE MADE UP WITH SWEAT FITTINGS. SOLDER SHALL BE 95-50 TIN. 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 ARMIFLEX INSULATION.  
C. PEX PIPING AND FITTING SHALL BE SUITABLE FOR DOMESTIC USE. INSTALL PIPING SYSTEM IN COMPLIANCE WITH THE MANUFACTURER'S REQUIREMENTS. PEX PIPING OR FITTING SHALL NOT BE INSTALLED IN AREAS WITHIN FIVE FEET OF OR LIGHT EXPOSED TO UV LIGHT FOR EXTENDED PERIOD. PEX PIPING SHALL BE SUPPORTED AS REQUIRED 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 FINEST POSSIBLE JOINT AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS. INSULATE 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. THEY 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 BUILDING TO THE POINT OF CONNECTION TO THE MAIN. VENTS SHALL BE 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 DWP COPPER MAY BE USED WITH DWP 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 OVEN(S) AS PER APPROVED CODES.  
H. CONDENSATE LW, DRIP DRAINS SHALL BE HUB DRAINS, FLOOR DRAIN WITH OPEN FUNNEL 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 "S" AS REQUIRED SHALL BE JOSAM MANUFACTURING COMPANY, SERIES NO. 40000 WITH HALF-GRATE, NICKELLOY 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 CLOSE  
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. MUSTE & SONS, MODEL NO. 63M, COMPLETE WITH DRAIN BODY, STRAINER AND LINT BASKET. FITTINGS SHALL BE FIBREGLASS. 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 INSTALLED STANDARD TRIMBROOK NO. 6561.017 COMPLETE WITH WALL SUPPORTS AND SLOAN CHROME 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 SCHEDULE FOR DISPOSITION. EACH COMPARTMENT TO HAVE KOHLER #8001 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 1/2 & 3/4 IN PRESS-RC SPRAY WITH 8-107C SPRAY HEAD, B-109 WALL BRACKET, B-155 40" ADD-A-FAUCET WITH 2 IN. NOZZLE AND SPECIAL 1 IN. CHROME NIPPLE. B-231 SINK MIXING FAUCET FOR THREE COMPARTMENT SINK.  
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 ACCOMMODATE THE LARGEST EQUIPMENT ITEM THAT WILL REQUIRE WASHING, RINSING, AND SANITIZING. SINK SPECIFICATION FOR GAUGE, 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 PROOFER(S), 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 ALLOWS ROUGHING TO 17" BELOW SLAB. REFER TO LOCAL OR STATE HEALTH AND 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 COMPLIANCE. 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 PD-61071, ASME A112.14.3 OR CSA B481.1 AND WHERE LOCAL APPLICABLE HAVE UPC LISTING.  
4. MODEL 3925AL102 - 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 3920AX (RISER EXTENSION), FOR USE WITH IN-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 3925AL103 - 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 3920AX (RISER EXTENSION), FOR USE WITH IN-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 GAP FLASHING WITH SECTION 0753. 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: RUR199 AND RUR199b (BOTH UNITS CONTAIN BUILT IN RECIRCULATING FUNCTION), INPUT: 15000 TO 19000 BTU/H CAPACITY, DIRECT ELECTRONIC IGNITION, FLOW RATE: 1.4 - 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; USE APPLICABLE RINNAI VENTING: CONDENSING CONCENTRIC VENT COMPONENTS, 3" OR 4" SCHEDULE 40 PVC DWV SOLID CORE PIPE (OR APPROVED EQUAL), 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 LOCAL CODE GUIDELINES. COORDINATE EXACT MODEL #, FLOW AND # OF REQUIRED UNITS WITH MANUFACTURER BASED ON STORE TYPE, STORE SIZE, STORE LOCATION AND ALL LOCAL CODE REQUIREMENTS FOR HOT WATER SYSTEMS. RINNAI COMMERCIAL, CUSTOMER SUPPORT: 866-383-7077, RINNAI TECHNICAL SUPPORT: 888-RINNAIS1 (1-888-746-6247).  
B.

**2.3 FINAL 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 VENTS VERIFY INVERTS AT SEWER TAP AND BUILDING BEFORE STARTING INSTALLATION.  
E. MINIMUM TESTING OF WASTE PIPING - PLUG 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 OVEN.  
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 COCK AND BRASS PLUG. FLEXIBLE CONNECTOR AND COUPLING SHALL BE AS MANUFACTURED BY HANSEN MANUFACTURING COMPANY.  
E. CONNECTOR SHALL BE A FACTORY ASSEMBLED INTEGRAL UNIT, CONSISTING OF AN INNER LINER OF CONVULATED 8915 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 OVEN(S) AS INDICATED ON THE DRAWINGS. THE OPERATING HOOP-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 VALVE ON BACK BAR WALL; PROVIDE COPPER PIPING TO BACK BAR EQUIPMENT, SOME EQUIPMENT REQUIRES FLARE FITTINGS - COORDINATE WITH EQUIPMENT SPECIFICATIONS.

**2.4 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 AS FURNISHED BY MANUFACTURER. FITTINGS SHALL BE MADE UP WITH SWEAT FITTINGS. SOLDER SHALL BE 95-50 TIN. 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 ARMIFLEX INSULATION.  
C. PEX PIPING AND FITTING SHALL BE SUITABLE FOR DOMESTIC USE. INSTALL PIPING SYSTEM IN COMPLIANCE WITH THE MANUFACTURER'S REQUIREMENTS. PEX PIPING OR FITTING SHALL NOT BE INSTALLED IN AREAS WITHIN FIVE FEET OF OR LIGHT EXPOSED TO UV LIGHT FOR EXTENDED PERIOD. PEX PIPING SHALL BE SUPPORTED AS REQUIRED 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 FINEST POSSIBLE JOINT AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS. INSULATE 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. THEY 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 BUILDING TO THE POINT OF CONNECTION TO THE MAIN. VENTS SHALL BE 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 DWP COPPER MAY BE USED WITH DWP 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 OVEN(S) AS PER APPROVED CODES.  
H. CONDENSATE LW, DRIP DRAINS SHALL BE HUB DRAINS, FLOOR DRAIN WITH OPEN FUNNEL 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 "S" AS REQUIRED SHALL BE JOSAM MANUFACTURING COMPANY, SERIES NO. 40000 WITH HALF-GRATE, NICKELLOY 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 CLOSE  
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. MUSTE & SONS, MODEL NO. 63M, COMPLETE WITH DRAIN BODY, STRAINER AND LINT BASKET. FITTINGS SHALL BE FIBREGLASS. 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 INSTALLED STANDARD TRIMBROOK NO. 6561.017 COMPLETE WITH WALL SUPPORTS AND SLOAN CHROME 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 SCHEDULE FOR DISPOSITION. EACH COMPARTMENT TO HAVE KOHLER #8001 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 1/2 & 3/4 IN PRESS-RC SPRAY WITH 8-107C SPRAY HEAD, B-109 WALL BRACKET, B-155 40" ADD-A-FAUCET WITH 2 IN. NOZZLE AND SPECIAL 1 IN. CHROME NIPPLE. B-231 SINK MIXING FAUCET FOR THREE COMPARTMENT SINK.  
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 ACCOMMODATE THE LARGEST EQUIPMENT ITEM THAT WILL REQUIRE WASHING, RINSING, AND SANITIZING. SINK SPECIFICATION FOR GAUGE, 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 PROOFER(S), 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 ALLOWS ROUGHING TO 17" BELOW SLAB. REFER TO LOCAL OR STATE HEALTH AND 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 COMPLIANCE. 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 PD-61071, ASME A112.14.3 OR CSA B481.1 AND WHERE LOCAL APPLICABLE HAVE UPC LISTING.  
4. MODEL 3925AL102 - 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 3920AX (RISER EXTENSION), FOR USE WITH IN-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 3925AL103 - ENDURA 25GPM/50LB  
a. FLOW RATE: 25 US GALLONS PER MINUTE (1.6 L PER SECOND).

**2.3 FINAL 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 VENTS VERIFY INVERTS AT SEWER TAP AND BUILDING BEFORE STARTING INSTALLATION.  
E. MINIMUM TESTING OF WASTE PIPING - PLUG 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 OVEN.  
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 COCK AND BRASS PLUG. FLEXIBLE CONNECTOR AND COUPLING SHALL BE AS MANUFACTURED BY HANSEN MANUFACTURING COMPANY.  
E. CONNECTOR SHALL BE A FACTORY ASSEMBLED INTEGRAL UNIT, CONSISTING OF AN INNER LINER OF CONVULATED 8915 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 OVEN(S) AS INDICATED ON THE DRAWINGS. THE OPERATING HOOP-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 VALVE ON BACK BAR WALL; PROVIDE COPPER PIPING TO BACK BAR EQUIPMENT, SOME EQUIPMENT REQUIRES FLARE FITTINGS - COORDINATE WITH EQUIPMENT SPECIFICATIONS.

**2.4 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 AS FURNISHED BY MANUFACTURER. FITTINGS SHALL BE MADE UP WITH SWEAT FITTINGS. SOLDER SHALL BE 95-50 TIN. 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 ARMIFLEX INSULATION.  
C. PEX PIPING AND FITTING SHALL BE SUITABLE FOR DOMESTIC USE. INSTALL PIPING SYSTEM IN COMPLIANCE WITH THE MANUFACTURER'S REQUIREMENTS. PEX PIPING OR FITTING SHALL NOT BE INSTALLED IN AREAS WITHIN FIVE FEET OF OR LIGHT EXPOSED TO UV LIGHT FOR EXTENDED PERIOD. PEX PIPING SHALL BE SUPPORTED AS REQUIRED 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 FINEST POSSIBLE JOINT AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS. INSULATE 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. THEY 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 BUILDING TO THE POINT OF CONNECTION TO THE MAIN. VENTS SHALL BE 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 DWP COPPER MAY BE USED WITH DWP 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 OVEN(S) AS PER APPROVED CODES.  
H. CONDENSATE LW, DRIP DRAINS SHALL BE HUB DRAINS, FLOOR DRAIN WITH OPEN FUNNEL 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 "S" AS REQUIRED SHALL BE JOSAM MANUFACTURING COMPANY, SERIES NO. 40000 WITH HALF-GRATE, NICKELLOY 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 CLOSE  
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. MUSTE & SONS, MODEL NO. 63M, COMPLETE WITH DRAIN BODY, STRAINER AND LINT BASKET. FITTINGS SHALL BE FIBREGLASS. 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 INSTALLED STANDARD TRIMBROOK NO. 6561.017 COMPLETE WITH WALL SUPPORTS AND SLOAN CHROME 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 SCHEDULE FOR DISPOSITION. EACH COMPARTMENT TO HAVE KOHLER #8001 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 1/2 & 3/4 IN PRESS-RC SPRAY WITH 8-107C SPRAY HEAD, B-109 WALL BRACKET, B-155 40" ADD-A-FAUCET WITH 2 IN. NOZZLE AND SPECIAL 1 IN. CHROME NIPPLE. B-231 SINK MIXING FAUCET FOR THREE COMPARTMENT SINK.  
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 ACCOMMODATE THE LARGEST EQUIPMENT ITEM THAT WILL REQUIRE WASHING, RINSING, AND SANITIZING. SINK SPECIFICATION FOR GAUGE, 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 PROOFER(S), 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 ALLOWS ROUGHING TO 17" BELOW SLAB. REFER TO LOCAL OR STATE HEALTH AND 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 COMPLIANCE. 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 PD-61071, ASME A112.14.3 OR CSA B481.1 AND WHERE LOCAL APPLICABLE HAVE UPC LISTING.  
4. MODEL 3925AL102 - 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 3920AX (RISER EXTENSION), FOR USE WITH IN-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 3925AL103 - ENDURA 25GPM/50LB  
a. FLOW RATE: 25 US GALLONS PER MINUTE (1.6 L PER SECOND).

**DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING**  
**SECTION 23 2000 HEATING, VENTILATING AND AIR CONDITIONING**  
**2.1 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 WORKSMANSHIP OR MATERIAL FOR ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION OF BUILDING. ADDITIONAL FOUR (4) YEAR LIMITED 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.  
**2.2 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: 915-422-3946  
M: 973-222-6742  
F: 860-998-2679  
BOB.ECKWEILER@CARRIER.UT.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 UNIT(S) IN THE POSITION(S) 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. A CLEARLY VISIBLE RED SIGNAL LIGHT SHALL BE INSTALLED IN THE FIRE CABINET TO INDICATE WHEN THE SYSTEM IS 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.  
2.10 DUCTWORK  
A. BLACK IRON  
1. FURNISH AND INSTALL 16-GAUGE STEEL EXHAUST DUCT FOR HOOD EXHAUST SYSTEM. ALL SEAMS TO BE SEWED. ALL JOINTS SHALL HAVE A LIQUID-TIGHT EXTERNAL WEAL.  
2. EXHAUST DUCTWORK SHALL BE WITHIN FIRE ENCLOSURE. FIRE ENCLOSURE FURNISHED AND INSTALLED BY GENERAL CONTRACTOR.  
3. ALL DUCTWORK FOR KITCHEN EXHAUST SYSTEM SHALL CONFORM TO SMACNA STANDARDS AND AS NOTED IN N.F.P.A.

**CONSTRUCTION SPECIFICATIONS:**

**SECTION 26 1000  
ELECTRICAL  
(CONTINUED)**

6. REFER TO DRAWINGS FOR CEILING LAYOUT AND CONSTRUCTION.  
7. ALL SALES AREA LIGHTING TO HAVE WARM WHITE LAMPS. FURNISH AND INSTALL IN EACH TOILET ONE (1) ELECTRICAL HAND DRYER AS MANUFACTURED BY EXCEL DRYER, INC. (AS PROVIDED BY NEWTON DISTRIBUTION - SEE DBI NATIONAL ACCOUNTS), XL MODEL, WHITE METAL COVER WITH BRAND APPROVED MESSAGING, 110-120V, 12.5 AMPS, 60 HZ.

2. PANELBOARDS  
**DUNKIN' BRANDS HAS A NATIONAL ACCOUNT PROGRAM FOR PANELBOARDS WITH VILLA LIGHTING. PLEASE CALL VILLA LIGHTING AT 1-800-325-0963 AND/OR EMAIL DEANNA.MCCLANAHAN@VILLALIGHTING.COM.**

A. ALL PANELBOARDS SHALL BE DEAD-FRONT, VILLAGE-TYPE EQUIPPED WITH SINGLE OR MULTI-POLE CIRCUIT BREAKERS, SPECIFIED IN THIS SECTION AND AS SCHEDULED ON THE DRAWINGS. ALL PANELBOARDS SHALL BE RECESSED WALL MOUNTED WITH A MINIMUM CAPACITY OF 42 CIRCUITS.  
B. PANELBOARDS SHALL BE SUITABLE FOR 120-208 VOLTS, THREE PHASE, FOUR WIRE OPERATIONS AS SCHEDULED ON THE DRAWINGS.  
C. ALL PANELBOARDS SHALL HAVE A CIRCUIT DIRECTORY CARD MOUNTED IN A FRAME WITH PLASTIC COVER INSTALLED ON THE INSIDE OF THE DOOR. ALL DIRECTORY CARDS SHALL BE PROPERLY FILLED IN "TYPE" WRITTEN AND INDICATING AREAS AND DEVICES SERVED BY EACH CIRCUIT.  
D. ALL CIRCUIT BREAKERS SHALL BE BOLTED-TYPE, QUICK-MADE AND QUICK-BREAK TYPE OF MANUAL OPERATION, TRIP FREE, AND WITH INVERSE TIME CHARACTERISTICS SECURED THROUGH THE USE OF BIMETALLIC THERMAL-MAGNETIC TRIPPING ELEMENTS. ALL MULTI-POLE BREAKERS SHALL HAVE A SIMULTANEOUS TRIP.  
E. SINGLE POLE, DOUBLE AND THREE-POLE CIRCUIT BREAKERS FOR LIGHTING AND POWER PANEL BOARDS SHALL BE 240 VOLTS, TYPE THQB FROM 15 AMPS THROUGH 100 AMPS, HAVING NEMA INTERRUPTING CAPACITY NOT LESS THAN 10,000 AMPERES A.C. AT 240 VOLTS OR LESS.  
F. PANELBOARDS SHALL BE TYPE AO PANEL BOARDS AS MANUFACTURED BY GENERAL ELECTRIC OR EQUAL, SQUARE 'D' COMPANY, I.T.E., WESTINGHOUSE OR PETERSON.  
G. CIRCUIT BREAKERS IN LIGHTING PANELS SHALL BE APPROVED 'SWITCHING TYPE' CIRCUIT BREAKERS.  
2.SAFETY SWITCHES AND FUSES  
**DUNKIN' BRANDS HAS A NATIONAL ACCOUNT PROGRAM FOR SWITCHES & FUSES WITH VILLA LIGHTING. PLEASE CALL VILLA LIGHTING AT 1-800-325-0963 AND/OR EMAIL DEANNA.MCCLANAHAN@VILLALIGHTING.COM.**

A. SAFETY SWITCHES SHALL BE OF THE FUSELESS TYPE EQUIPPED WITH AN EXTERNAL LEVER OR HANDLE FOR MANUAL OPERATION WITH INTERLOCKING COVER.  
B. NEUTRAL CONDUCTORS SHALL BE SOLID THROUGHOUT. SAFETY SWITCHES SHALL BE TYPE TH AS MANUFACTURED BY GENERAL ELECTRIC OR EQUAL; SQUARE 'D' COMPANY, I.T.E., AND WESTINGHOUSE.  
C. ALL FUSES INSTALLED IN SAFETY SWITCHES THROUGHOUT THE CONTRACT SHALL BE NON-RENEWABLE DUAL ELEMENT TYPE. FUSES SHALL BE AS MANUFACTURED BY GOULD SHAWMUT.

**PART 3 EXECUTION**

3.1 SERVICE INSTALLATION  
A. SERVICE SHALL BE BROUGHT OVERHEAD TO REAR OF BUILDING WITHOUT CROSSING ROOF OF SHOP. PROVIDE GALVANIZED PIPE AND WADERS IN SIZE AS SHOWN ON DRAWINGS, BOLTED TO WALL WITH THROUGH BOLTS AND PLATE WASHERS INSIDE (UNLESS OTHERWISE SHOWN ON DRAWINGS). PIPE TO EXTEND 8 FT. MINIMUM ABOVE ROOF AND 6 FT. ON WALL. PROVIDE ADDITIONAL SUPPORT TO MAST, EXTENDING ABOVE ROOF, IF REQUIRED, TO PREVENT BENDING. PIPE TO OFFSET IF NECESSARY FOR CLEARANCE OF STRUCTURE.  
B. SEE SITE PLAN FOR UNDERGROUND SERVICE TO REAR OF BUILDING. INCLUDE ANY CHANGES REQUIRED IN THE ELECTRICAL PANELS, SWITCHES, MOTORS, WIRING, BREAKER SIZES, AND EQUIPMENT NECESSARY TO ADAPT TO THE SERVICE AVAILABLE. THE REQUIREMENTS OF THE UTILITY COMPANY, LOCAL CODES OR THE SIZE OF HEATING, VENTILATING & AIR CONDITIONING EQUIPMENT SPECIFIED.  
3.2 TELEPHONE INSTALLATION  
A. INSTALL CONCEALED TELEPHONE CONDUIT INCLUDING NECESSARY PULL BOXES AND FISH WIRE IN ACCORDANCE WITH LOCAL TELEPHONE COMPANY REQUIREMENTS TO LOCATIONS INDICATED ON THE DRAWINGS. WHEN CALLED FOR ON THE SITE DRAWING, ALSO PROVIDE NECESSARY CONDUIT TO OUTSIDE TELEPHONE BOOTH.  
3.3 INSTALLATION - GENERAL  
A. COOPERATE WITH OTHER SECTIONS FOR THE PROPER EXECUTION OF THIS WORK. SUPPLY AND COOPERATE IN THE PLACEMENT OF INSERTS, SLEEVES AND OTHER EQUIPMENT TO BE INSTALLED IN MASONRY. CAREFULLY CUT NECESSARY HOLES FOR THE INSTALLATION OF EQUIPMENT AND PATCH IN SUCH A MANNER AS TO MATCH THE ORIGINAL WORK.  
B. MAKE GROUND CONNECTION BETWEEN ALL APPARATUS, SIGNS AND CONDUIT AND THE WATER PIPING AS REQUIRED BY THE NATIONAL ELECTRICAL CODE AND ACCORDING TO THE REQUIREMENTS OF LOCAL AUTHORITIES.  
3.4 MUSIC SYSTEM - SPEAKERS  
A. SEE SECTION 1670.  
3.5 CASH REGISTER  
A. PROVIDE CAT SE CABLE AND RJ45 TERMINATION POINTS AS INDICATED ON DRAWINGS. PULL WIRE TO EACH TERMINAL USING EQUAL LENGTHS OF CABLE FROM MIDDLE OF FRONT COUNTER, NETWORK HUB IS LOCATED AT FRONT LINE (SEE DRAWINGS).  
B. PROVIDE ISOLATED SECOND GROUND FOR EACH CASH REGISTER.  
3.6 TESTS  
A. AFTER COMPLETE CONNECTIONS AND INSTALLATION OF ALL THE LESSEE'S OR FRANCHISE OWNER'S EQUIPMENT, TEST ALL WORK AND EQUIPMENT AS REQUIRED BY AUTHORITIES HAVING JURISDICTION, FURNISH ALL EQUIPMENT NECESSARY, PERSONNEL, AND ELECTRICAL POWER. TEST THE ENTIRE INSTALLATION FOR SHORTS, GROUNDS AND OPEN CIRCUITS, AND CORRECT ALL DEFECTS BEFORE ACCEPTANCE OF THE WORK. ALL WORK SHALL BE DEMONSTRATED TO BE IN PROPER OPERATING CONDITION TO THE COMPLETE SATISFACTION OF THE FRANCHISE OWNER. INSTRUCT THE OWNERS REPRESENTATIVES IN THE CARE AND OPERATION OF ALL APPARATUS AND EQUIPMENT FORMING THE INSTALLATION.  
3.7 EMERGENCY LIGHTING  
A. FURNISH AND INSTALL THE EMERGENCY LIGHTING UNIT AND REMOTE HEADS AS SHOWN. SEE DRAWINGS FOR LOCATIONS AND TYPE OF EMERGENCY UNITS.  
3.8 EXTERIOR AREA LIGHTING  
A. FURNISH AND INSTALL THE EXTERIOR LIGHTING AS INDICATED BY SYMBOLS ON SITE DRAWING. POLE AND WEDGE SERIES POLE LIGHTS SHALL BE MANUFACTURED BY VILLA LIGHTING OR SECURITY LIGHTING SYSTEMS, INC. (SPECIFY VOLTAGE WHEN ORDERING). SEE ELECTRICAL PLANS FOR BUILDING LIGHTS.  
B. FEATURES:  
1. POLE - SQUARE STEEL POLE FINISHED WITH WEATHERPROOF RUST PREVENTATIVE PAINT. FOUR (4) GALVANIZED ANCHOR BOLTS WITH GALVANIZED NUTS AND WASHERS, METAL TEMPLATE, HAND HOLE, AND DECORATIVE ANCHOR BOLT COVER. VERY DIMENSIONS CONFORM TO ALL LOCAL CODE REQUIREMENTS AND REQUIREMENTS BEFORE PLACING ORDER.  
2. FIXTURE - 400-WATT HIGH-PRESSURE SODIUM OR METAL HALIDE. DARK BRONZE OR BLACK FINISH. A COMPLETE MILL FINISHED ALUMINUM HOUSING WITH ACCESS TO LAMP AND BALLAST THROUGH HINGED DOOR ASSEMBLY. ONE-PIECE TEMPERED GLASS LENS AND OPTICAL SYSTEM FABRICATED OF POLISHED ALZAK ALUMINUM. ALSO INCLUDES ADJUSTABLE TEMON ADAPTER AND INTEGRAL/ADJUSTABLE LIGHT CUP OF SHIELD.

**SECTION 26 7000  
INTERIOR MUSIC SYSTEM**

**PART 1 GENERAL**  
1.1 WORK INCLUDED  
A. FURNISH ALL LABOR AND MATERIAL NECESSARY FOR THE COMPLETE INSTALLATION OF THE WIRELESS DRIVE-THRU COMMUNICATION SYSTEM SHOWN ON THE DRAWINGS, AS SPECIFIED IN THIS SECTION AND IN THE NATIONAL ACCOUNT SOURCE INFORMATION.

**PART 2 PRODUCTS**  
2.1 MATERIAL EQUIPMENT  
A. REFER TO THE NATIONAL ACCOUNT SOURCE INFORMATION FOR ORDERING INFORMATION, PRICES, DETAILED ITEM DESCRIPTIONS AND MODEL NUMBERS.

**PART 3 EXECUTION**  
3.1 INSTALLATION  
A. ALL INSTALLATION IS TO BE PERFORMED BY AN AUTHORIZED INSTALLER.

**SECTION 26 7700  
INTERIOR MUSIC SYSTEM**

**PART 1 GENERAL**  
1.1 WORK INCLUDED  
A. FURNISH ALL LABOR AND MATERIAL NECESSARY FOR THE COMPLETE INSTALLATION OF THE INTERIOR MUSIC SYSTEM AS INDICATED ON THE DRAWINGS AND AS SPECIFIED IN THIS SECTION.

**PART 2 PRODUCTS**  
2.1 CEILING SPEAKERS AND HARDWARE  
A. CEILING SPEAKERS AND ALL HARDWARE SHALL BE PROVIDED AND INSTALLED BY AN APPROVED MUSIC VENDOR. MODEL NUMBERS AS INDICATED ON NATIONAL ACCOUNT SOURCE INFORMATION. INSTALL HARDWARE IN THE OFFICE. COORDINATE EXACT LOCATION WITH FIELD REPRESENTATIVE.  
B. ALL INTERIOR SPEAKERS TO BE FLUSH MOUNTED, AND WHITE IN COLOR. ALL EXTERIOR SPEAKERS ARE TO BE BLACK IN COLOR.  
C. FURNISH VOLUME CONTROL DEVICE IN AN AREA DESIGNATED BY THE OWNER, WITH SEPARATE VOLUME CONTROLS FOR THE SALES AREA SPEAKERS, RESTROOM SPEAKERS AND EXTERIOR SPEAKERS.

**PART 3 EXECUTION**  
3.1 INSTALLATION  
A. SPEAKERS AND GRILLES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND AS SHOWN ON THE ARCHITECTURAL DRAWINGS. SPEAKERS ARE TO BE LOCATED IN EACH RESTROOM, MINIMUM OF TWO IN THE SEATING AREA, AT ENTRY TO STORE, AND AT EXTERIOR SEATING AREAS WHERE APPLICABLE. PROVIDE ONE EXTERIOR SPEAKER ADJACENT TO THE REAR SERVICE DOOR. DO NOT PROVIDE SPEAKERS IN SERVICE AREAS.

**SECTION 31 1100**

**CLEARING AND GRUBBING**

**PART 1 GENERAL**  
1.1 SUMMARY  
A. SECTION INCLUDES:  
1. REMOVAL OF SURFACE DEBRIS, PAVING AND CURBS.  
2. REMOVAL OF PLANT LIFE AND GRASS.  
3. GRUBBING ROOTS.  
4. TOPSOIL EXCAVATION.  
B. RELATED SECTIONS:  
1. SECTION 31 2200 - GRADING.

**PART 2 PRODUCTS**  
NOT APPLICABLE

**PART 3 EXECUTION**  
3.1 SITE CLEARING  
A. REMOVE VEGETATION, DEBRIS, AND OBSTRUCTIONS FROM AREAS OF STRUCTURES, WALKS, PAVING AND PLANTING BEDS.  
B. APPLY HERBICIDE TO REMAINING STUMPS AND PLANT LIFE TO INHIBIT GROWTH.  
C. STRIP EXISTING TOPSOIL FROM AREAS OF STRUCTURES, WALKS, AND PAVING. STOCKPILE ON SITE FOR REUSE AS SPECIFIED IN SECTION 31 2200.  
D. GRUB OUT ROOTS AND UNDERGROUND OBSTRUCTIONS TO MINIMUM DEPTH OF 12 INCHES.  
E. REMOVE WASTE MATERIAL FROM SITE AS IT ACCUMULATES. COMPLY WITH APPLICABLE CODES AND ORDINANCES REGARDING WASTE TRANSPORTATION AND DISPOSAL.

**SECTION 31 2210  
GRADING**

**PART 1 GENERAL**  
1.1 SUMMARY  
A. SECTION INCLUDES:  
1. CUTTING AND GRADING OF SITE.  
2. TOPSOIL PLACEMENT.  
1.2 SUBMITTALS  
A. SUSTAINABLE DESIGN SUBMITTALS:  
1. REGIONALLY EXTRACTED MATERIALS.

**PART 2 PRODUCTS**  
2.1 MATERIALS  
A. TOPSOIL:  
1. STOCKPILED ON SITE MATERIAL, SPECIFIED IN SECTION 31 1100, SUPPLEMENTED BY OFF-SITE MATERIAL IF REQUIRED.  
2. OFF-SITE MATERIALS: NATURAL FRIABLE LOAM OF REGION, FREE OF CLAY, TOXIC SUBSTANCES, LARGE OR MATTED ROOTS, DEBRIS, EXCESS WEEDS, AND ROCKS OVER 1 INCH IN ANY DIMENSION, WITH ACIDITY RANGE OF 5.5 TO 7.5.

**PART 3 EXECUTION**  
3.1 CUTTING AND GRADING  
A. EXCAVATE EXPANSIVE SUBSOILS FROM AREAS UNDER AND TO A POINT 5 FEET OUTSIDE OF STRUCTURES TO A MINIMUM DEPTH AS INDICATED ON THE DRAWINGS.  
B. EXCAVATE SUBSOIL TO PERMIT PLACEMENT OF STRUCTURES, PAVING, AND SITE IMPROVEMENTS, AND FROM AREAS TO BE REGRADED.  
C. UNIFORMLY GRADE AREAS TO SMOOTH SURFACE AT REQUIRED GRADES AND ELEVATIONS, ADJUST CONTOURS TO ELIMINATE WATER PONDING AND PROVIDE POSITIVE DRAINAGE. MAKE GRADE CHANGES GRADUALLY. BLEND SLOPES INTO LEVEL AREAS.  
D. LEAVE AREAS TO RECEIVE TOPSOIL, 4 INCHES BELOW FINAL REQUIRED GRADE.  
E. LEAVE AREAS TO RECEIVE PLANTING BEDS 3 INCHES BELOW FINAL REQUIRED GRADE.  
F. TOLERANCES: WITHIN PLUS OR MINUS 1 INCH OF REQUIRED SUBGRADE ELEVATION.  
3.2 TOPSOIL PLACEMENT  
A. PLACE TOPSOIL TO 4 INCH DEPTH OVER AREAS MODIFIED BY WORK OF THIS CONTRACT THAT ARE NOT COVERED BY PLANTING BEDS, STRUCTURES OR PAVING.  
B. UNIFORMLY DISTRIBUTE TO REQUIRED GRADES; FEATHER BACK TO WHERE GRADES REMAIN UNCHANGED.  
C. UNIFORMLY GRADE AREAS TO SMOOTH SURFACE AT REQUIRED GRADES AND ELEVATIONS, ADJUST CONTOURS TO ELIMINATE WATER PONDING AND PROVIDE POSITIVE DRAINAGE. MAKE GRADE CHANGES GRADUALLY. BLEND SLOPES INTO LEVEL AREAS.  
D. REMOVED RUBBISH, DEBRIS, VEGETATION, AND CONCENTRATIONS OF ROCKS. RAKE AREAS SMOOTH. LEAVE SITES FOR SEEDING OR SODDING.  
3.3 CLEANING  
A. REMOVE SURPLUS MATERIALS AND THOSE NOT SUITABLE FOR REUSE FROM SITE.  
3.4 PROTECTION  
A. PROTECT GRADED AREAS FROM TRAFFIC AND EROSION; KEEP FREE OF TRASH AND DEBRIS.  
B. REPAIR SETTLED, ERODED, OR RUTTED AREAS.

**SECTION 31 2300  
EXCAVATION AND FILL**

**PART 1 GENERAL**  
1.1 SUMMARY  
A. SECTION INCLUDES:  
1. EXCAVATING FOR STRUCTURES AND SITE COMPONENTS.  
2. FILLING.  
3. TRENCHING.  
4. BACKFILLING.  
1.2 SYSTEM DESCRIPTION  
A. LIMITS OF WORK: DO NOT EXTEND EARTHWORK BEYOND AREAS OF EXCAVATION OR CONSTRUCTION SHOWN ON DRAWINGS OR REASONABLY NECESSARY FOR PERFORMANCE OF WORK.  
B. CONTRACTOR IS RESPONSIBLE FOR DESIGN OF TEMPORARY EARTH RETENTION SYSTEMS.  
1.3 SUBMITTALS  
A. SUSTAINABLE DESIGN SUBMITTALS:  
1. RESOURCE REUSE.  
2. REGIONAL MATERIALS.

**PART 2 PRODUCTS**  
2.1 MATERIALS  
A. ENGINEERED FILL: CRUSHED STONE OR GRAVEL GRADED PER ASTM C136.  
B. SAND: NATURAL RIVER OR BANK SAND, WASHED, FREE FROM SILT, CLAY, LOAM, FRIABLE OR SOLUBLE MATERIALS, AND ORGANIC MATTER, GRADED PER ASTM C136.  
C. COMMON FILL: REUSED SITE OR IMPORTED SOILS FREE FROM TRASH, DEBRIS, ROOTS OVER 1 INCH IN DIAMETER, MATTED ROOTS, ROCKS OVER 3 INCHES IN DIAMETER, TOPSOIL, AND OTHER DELETERIOUS MATTER.  
2.2 SOURCE QUALITY CONTROL  
A. TESTING AND INSPECTION SERVICES: TEST ENGINEERED FILL PRIOR TO PLACEMENT:  
1. LIQUID LIMIT, PLASTIC LIMIT, AND PLASTICITY INDEX: TEST TO ASTM D4318.  
2. MOISTURE DENSITY RELATIONSHIP: TEST TO ASTM D698.  
3. PROVIDE SOIL DESCRIPTION; DETERMINE COMPLIANCE WITH GRADATION AND QUALITY REQUIREMENTS.

**PART 3 EXECUTION**  
3.1 EXCAVATING  
A. EXCAVATE TO GRADES AND SUBGRADES INDICATED. MAKE EXCAVATIONS LARGE ENOUGH TO PERMIT PLACING AND INSPECTION OF WORK.  
B. STOCKPILE EXCAVATED MATERIALS THAT ARE SUITABLE FOR REUSE SEPARATELY FROM SUBGRADE MATERIAL.  
C. REMOVE AND DISPOSE OF EXCAVATED MATERIAL THAT IS UNSUITABLE OR NOT REQUIRED FOR BACKFILLING. REMOVE UNDERGROUND OBSTRUCTIONS.  
D. BRACE SIDES OF EXCAVATIONS WHERE NECESSARY. MAINTAIN UNTIL PERMANENT CONSTRUCTION IS IN PLACE. REMOVE TEMPORARY SHORING AND BRACING AS BACKFILL IS PLACED.  
E. EXCAVATION FOR STRUCTURES:  
1. FORM BOTTOMS OF EXCAVATIONS REASONABLY LEVEL.  
2. MAINTAIN MOISTURE LEVEL IN EXCAVATIONS AS NEAR THEIR NATURAL LEVEL AS POSSIBLE.  
F. CORRECT OVER-EXCAVATION UNDER FOOTINGS BY USE OF LEAN CONCRETE. CORRECT OTHER OVER-EXCAVATION BY USE OF ENGINEERED FILL, COMPACTED TO DENSITY OF EXISTING SUBGRADE.  
G. KEEP EXCAVATIONS FREE OF WATER.

3.2 FILLING  
A. PRIOR TO PLACING FILL ON EXISTING SUBSOILS:  
1. PROOF ROLL TO DETECT SOFT AND WEAK ZONES. REMOVE SOFT AND SPONGY SOILS DOWN TO FIRM SUBSOIL.  
2. REPLACE UNDERCUT AREAS WITH ENGINEERED FILL PLACED IN MAXIMUM 8 INCH DEEP LOOSE. EVEN, HORIZONTAL LIFTS. COMPACT EACH LIFT TO 95 PERCENT OF ASTM D1557 MODIFIED PROCTOR MAXIMUM DRY DENSITY.  
B. FILL LOW AREAS OUTSIDE OF STRUCTURES AND UNDER PAVING WITH COMMON FILL TO ACHIEVE REQUIRED GRADES AND ELEVATIONS.  
1. PLACE FILL IN MAXIMUM 8 INCH DEEP LOOSE. EVEN, HORIZONTAL LIFTS.  
2. COMPACT EACH LIFT TO 95 PERCENT OF ASTM D1557 MODIFIED PROCTOR MAXIMUM DRY DENSITY.  
C. FILL UNDER STRUCTURES WITH ENGINEERED FILL.  
1. PLACE FILL IN MAXIMUM 8 INCH DEEP LOOSE. EVEN, HORIZONTAL LIFTS.  
2. COMPACT EACH LIFT TO 95 PERCENT OF ASTM D1557 MODIFIED PROCTOR MAXIMUM DRY DENSITY.  
D. DO NOT FILL OVER POROUS, WET, FROZEN, OR SOFT SUBGRADES.  
E. BENCH FILL INTO SLOPES.  
F. WHEN MOISTURE MUST BE ADDED TO AID IN COMPACTION, UNIFORMLY APPLY WATER TO SURFACE, BUT DO NOT FLOOD. FREE WATER SHALL NOT APPEAR ON SURFACE DURING OR AFTER COMPACTION

OPERATIONS.  
G. SCARIFY SOIL TOO WET FOR PROPER COMPACTION AND ALLOW TO DRY. REPLACE AND RECOMPACT.  
H. UNIFORMLY GRADE AREAS TO SMOOTH SURFACE AT REQUIRED GRADES AND ELEVATIONS. ADJUST CONTOURS TO ELIMINATE WATER PONDING AND PROVIDE POSITIVE DRAINAGE. MAKE GRADE CHANGES GRADUALLY. BLEND SLOPES INTO LEVEL GRADES.  
I. TOLERANCES: WITHIN PLUS OR MINUS 1 INCH OF REQUIRED SUBGRADE ELEVATION.  
3.3 TRENCHING  
A. CUT TRENCHES SUFFICIENTLY WIDE TO ALLOW FOR INSTALLATION OF UTILITIES AND FOR INSPECTION OF WORK.  
B. HAND TRIM EXCAVATIONS; REMOVE LOOSE MATTER.  
C. REMOVE ROCKS AND OBSTRUCTIONS.  
D. CORRECT OVER-EXCAVATION BY USE OF LEAN CONCRETE OR PIPE BEDDING MATERIAL.  
E. KEEP TRENCHES FREE OF WATER.  
3.4 BACKFILLING  
A. REMOVE UNDER STRUCTURES WITH ENGINEERED FILL.  
1. PLACE BACKFILL IN LOOSE, EVEN, HORIZONTAL LIFTS MAXIMUM 8 INCHES DEEP.  
2. COMPACT EACH LIFT TO 95 PERCENT OF ASTM D1557 MODIFIED PROCTOR MAXIMUM DRY DENSITY.  
B. BACKFILL OUTSIDE OF STRUCTURES AND UNDER PAVING WITH COMMON FILL.  
1. PLACE BACKFILL IN LOOSE, EVEN, HORIZONTAL LIFTS MAXIMUM 8 INCHES DEEP.  
2. COMPACT EACH LIFT TO 95 PERCENT OF ASTM D1557 MODIFIED PROCTOR MAXIMUM DRY DENSITY.  
3.5 CLEANING  
A. REMOVE SURPLUS MATERIALS AND THOSE NOT SUITABLE FOR REUSE FROM SITE.  
3.6 PROTECTION  
A. PROTECT GRADED AREAS FROM TRAFFIC AND EROSION; KEEP FREE OF TRASH AND DEBRIS.

**SECTION 32 1210  
ASPHALT PAVING**

**PART 1 GENERAL**  
1.1 SUMMARY  
A. SECTION INCLUDES:  
1. AGGREGATE BASE COURSE.  
2. ASPHALT CONCRETE BINDER AND SURFACE COURSES.  
1.2 SUBMITTALS  
A. SUSTAINABLE DESIGN SUBMITTALS:  
1. RECYCLED CONTENT.  
2. REGIONAL MATERIALS.  
1.4 QUALITY ASSURANCE  
A. PERFORM WORK IN ACCORDANCE WITH AI MS-8.  
B. MIXING PLANT: AI MS-3.  
C. OBTAIN MATERIALS FROM SAME SOURCE THROUGHOUT WORK.  
1.5 PROJECT CONDITIONS  
A. DO NOT PLACE ASPHALT WHEN BASE SURFACE TEMPERATURE IS LESS THAN 40 DEGREES F, OR SURFACE IS WET OR FROZEN.

**PART 2 PRODUCTS**  
2.1 MATERIALS  
A. ASPHALT CEMENT:  
1. ASTM D46.  
2. RECYCLED CONTENT: MINIMUM PERCENT AS INDICATED ON DRAWINGS.  
B. AGGREGATE: CRUSHED STONE AND SAND, GRADED IN ACCORDANCE WITH AI MS-2.  
C. PRIMER: AI MS-19, HOMOGENOUS, MEDIUM CURING, CUT BACK LIQUID ASPHALT.  
D. TACK COAT: AI MS-19, HOMOGENOUS, RAPID CURING, CUT BACK LIQUID ASPHALT.  
2.2 MIXES  
A. ASPHALTIC CONCRETE:  
1. UNIFORM MIXTURE OF COARSE AND FINE AGGREGATE, MINERAL FILLER, AND ASPHALT CEMENT, ACCURATELY PROPORTIONED BY WEIGHT IN ACCORDANCE WITH AI MS-2.  
2. BINDER COURSE: COARSE GRADED AGGREGATE, 4.5 TO 6.0 PERCENT ASPHALT CEMENT BY WEIGHT.  
3. SURFACE COURSE: FINE GRADED AGGREGATE, 5.0 TO 7.0 PERCENT ASPHALT CEMENT BY WEIGHT.

**PART 3 EXECUTION**  
3.1 CONSTRUCTION  
A. AGGREGATE BASE COURSE:  
1. PLACE TO 6 INCH DEPTH AFTER COMPACTION.  
2. ROLLER COMPACT TO MINIMUM 95 PERCENT. ADD SMALL QUANTITIES OF FINE AGGREGATE IF NECESSARY TO AID COMPACTION.  
3. UNIFORMLY GRADE AREAS TO SMOOTH SURFACE AT REQUIRED GRADES AND ELEVATIONS. MAKE GRADE CHANGES GRADUALLY. BLEND SLOPES INTO LEVEL GRADES.  
4. TOLERANCES: WITHIN PLUS OR MINUS 1 INCH OF REQUIRED ELEVATION.  
B. PRIMER: APPLY TO BASE COURSE AND CONTACT SURFACES OF CURBS AND ABUTMENTS AT MINIMUM RATE OF 12 GALLON PER SQUARE YARD.  
C. ASPHALTIC CONCRETE:  
1. PLACE WITHIN 24 HOURS AFTER APPLYING PRIMER.  
2. MINIMUM COMPACTED THICKNESSES:  
a. BINDER COURSE: 2 INCHES.  
b. SURFACE COURSE: 1 INCH.  
3. APPLY TACK COAT TO BINDER COURSE AT MINIMUM RATE OF 1/2 GALLON PER SQUARE YARD.  
4. COMPACT WITH PNEUMATIC ROLLER, THEN WITH STEEL ROLLER. DO NOT DISPLACE OR EXTRUDE ASPHALTIC CONCRETE FROM POSITION. HAND COMPACT IN AREAS INACCESSIBLE TO ROLLING EQUIPMENT.  
5. ROLL WITH CONSECUTIVE PASSES TO ACHIEVE UNIFORM, SMOOTH SURFACE, FREE FROM ROLLER MARKS.  
6. CONSTRUCTION JOINTS:  
a. PLACE MIXTURE AS NEARLY CONTINUOUS AS POSSIBLE. ROLL UNPROTECTED EDGE OF FRESHLY LAID MIXTURE ONLY WHEN LAYING IS DISCONTINUED FOR SUCH LENGTH OF TIME AS WILL ALLOW COOLING OF MIXTURE.  
b. WHEN RESUMING WORK, CUT BACK PREVIOUSLY LAID MATERIAL TO PRODUCE SLIGHTLY BEVELED EDGE FOR FULL DEPTH OF COURSE. PLACE FRESH MIXTURE. CUT THROUGH JOINT.  
c. HOT SMOOTHING IRONS MAY BE USED FOR SEALING JOINTS; USE CARE TO AVOID BURNING SURFACE.  
d. CONSTRUCT JOINTS EITHER PARALLEL TO OR AT RIGHT ANGLES TO LONGITUDINAL AXIS OF WORK.  
D. INSTALLATION TOLERANCES:  
1. MAXIMUM SURFACE DEVIATION: PLUS OR MINUS 1/4 INCH IN 10 FEET, MEASURED PARALLEL TO LINE OF DRAINAGE.  
2. MAXIMUM DEVIATION FROM SPECIFIED THICKNESS: PLUS OR MINUS 1/4 INCH.

**SECTION 32 8400  
PLANTING IRRIGATION**

**PART 1 GENERAL**  
1.1 SUMMARY  
A. SECTION INCLUDES:  
1. PIPE AND FITTINGS, VALVES, SPRINKLER HEADS, ACCESSORIES, AND CONTROLS.  
1.3 SYSTEM DESCRIPTION  
A. ELECTRIC SOLENOID CONTROLLED UNDERGROUND IRRIGATION SYSTEM, WITH LOW POINT SELF DRAIN.  
1.4 SUBMITTALS  
A. SUBMITTALS FOR REVIEW:  
5. SHOP DRAWINGS: INCLUDE LAYOUT, SPACING OF COMPONENTS, POST FOUNDATION DIMENSIONS, HARDWARE, AND SCHEDULE OF COMPONENTS.  
B. SUSTAINABLE DESIGN SUBMITTALS:  
1. MATERIALS REUSE.  
2. RECYCLED CONTENT.  
3. REGIONAL MATERIALS.  
1.4 QUALITY ASSURANCE  
A. RECYCLED CONTENT: MINIMUM PERCENT RECYCLED STEEL, WITH MINIMUM PERCENT CLASSIFIED AS POST-CONSUMER AS INDICATED ON DRAWINGS

**SECTION 32 3115  
CHAIN LINK FENCES AND GATES**

**PART 1 GENERAL**  
1.1 SUMMARY  
A. SECTION INCLUDES:  
1. FENCE FRAMEWORK, FABRIC, AND ACCESSORIES.  
2. EXCAVATION FOR POSTS.  
3. CONCRETE POST FOUNDATIONS.  
4. GATES AND HARDWARE.  
1.2 SYSTEM DESCRIPTION  
A. FENCE HEIGHT: 6 FEET.  
1.3 SUBMITTALS  
A. SUBMITTALS FOR REVIEW:  
5. SHOP DRAWINGS: INCLUDE LAYOUT, SPACING OF COMPONENTS, POST FOUNDATION DIMENSIONS, HARDWARE, AND SCHEDULE OF COMPONENTS.  
B. SUSTAINABLE DESIGN SUBMITTALS:  
1. MATERIALS REUSE.  
2. RECYCLED CONTENT.  
3. REGIONAL MATERIALS.  
1.4 QUALITY ASSURANCE  
A. RECYCLED CONTENT: MINIMUM PERCENT RECYCLED STEEL, WITH MINIMUM PERCENT CLASSIFIED AS POST-CONSUMER AS INDICATED ON DRAWINGS

**PART 2 PRODUCTS**  
2.1 MANUFACTURERS  
A. ACCEPTING MANUFACTURERS:  
1. MASTER-HALCO, INC. (WWW.FENCEONLINE.COM)  
2. MERCHANTS METALS. (WWW.MERCHANTSMETALS.COM)  
3. PERFECTION FENCE CORP. (WWW.PERFECTIONFENCE.COM)  
4. SOUTHWESTERN WIRE, INC. (WWW.SOUTHWESTERNWIRE.COM)  
2.2 MATERIALS  
A. MATERIALS AND COMPONENTS: CONFORM TO CLFM PRODUCT MANUAL.  
B. CHAIN LINK FABRIC:  
1. ZINC-COATED STEEL FABRIC: ASTM A392, HOT DIPPED GALVANIZED BEFORE OR AFTER WEAVING.  
1. PLACE FILL IN MAXIMUM 8 INCH DEEP LOOSE. EVEN, HORIZONTAL LIFTS.  
2. COMPACT EACH LIFT TO 95 PERCENT OF ASTM D1557 MODIFIED PROCTOR MAXIMUM DRY DENSITY.

**SCHEDULE 40 GALVANIZED PIPE PER ASTM F1083.**

2. GRADE: INTERMEDIATE STRENGTH.  
3. FINISH: EXTERIOR ZINC COATING TYPE A, INTERIOR ZINC COATING TYPE A.  
4. SIZES:  
a. LINE POSTS: 3 INCH OD.  
b. END CORNER, PULL POSTS: 3 INCH OD.  
c. TOP, BRACE, BOTTOM, AND INTERMEDIATE RAILS, 1,660 INCHES OD.  
D. TENSION WIRE: METALLIC COATED STEEL MARCELLED TENSION WIRE: 7 GAGE, ASTM A624, TYPE 1 - ALUMINUM-COATED (ALUMINIZED) 0.40 OUNCES PER SQUARE FOOT.  
E. FITTINGS:  
1. TENSION AND BRACE BANDS: PRESSED GALVANIZED STEEL, ASTM F628, MINIMUM 12 GAGE, MINIMUM 3/8 INCH WIDTH, MINIMUM ZINC COATING OF 1.20 OUNCES PER SQUARE FOOT, WITH 5/16 3/8 INCH GALVANIZED STEEL CARRIAGE BOLTS.  
2. TERMINAL POST CAPS, LINE POST LOOP TOPS, RAIL AND BRACE ENDS, BOULEVARD CLAMPS, AND RAIL SLEEVES: ASTM F628, PRESSED STEEL, GALVANIZED AFTER FABRICATION, A MINIMUM ZINC COATING OF 1.20 OUNCES PER SQUARE FOOT.  
3. TRUSS ROD ASSEMBLY: ASTM F528, 3/8 INCH DIAMETER STEEL TRUSS ROD WITH PRESSED STEEL TIGHTENER, MINIMUM ZINC COATING OF 1.2 OUNCES PER SQUARE FOOT, CAPABLE OF WITHSTANDING 2000 POUND TENSION.  
4. TENSION BARS: ASTM F628, GALVANIZED STEEL, SINGLE PIECE LENGTH 2 INCHES LESS THAN FABRIC HEIGHT, MINIMUM ZINC COATING THICKNESS OF 1.2 OUNCES PER SQUARE FOOT.  
a. BARS FOR 2 AND 1-3/4 INCH MESH: MINIMUM CROSS SECTION OF 3/16 X 3/4 INCH.  
F. SWING GATES:  
1. ASTM F900, GALVANIZED STEEL, WELDED FABRICATION, 1,900 INCH OD FRAME MEMBERS, ASTM F1043, GROUP IA, ASTM F1083 SCHEDULE 40 PIPE (ASTM F1043 GROUP IC PIPE) SPACED MAXIMUM 8 FEET APART VERTICALLY AND HORIZONTALLY.  
2. WELDED JOINTS PROTECTED WITH ZINC-RICH PAINT IN ACCORDANCE WITH ASTM A780.  
3. POSITIVE LOCKING GATE LATCH FABRICATED FROM 5/16 INCH THICK X 1-3/4 INCH PRESSED STEEL GALVANIZED AFTER FABRICATION.  
4. GALVANIZED MALLEABLE IRON OR HEAVY GAGE PRESSED STEEL POST AND FRAME HINGES.  
5. FABRIC TO MATCH FENCING.  
6. GATE POSTS: ASTM F1043, GROUP IA, ASTM F1083 SCHEDULE 40 PIPE, 3 INCH OD, POLYMER COATED, TYPE AND COLOR TO MATCH FABRIC.  
G. CONCRETE: SPECIFIED IN SECTION 03 3000.

**PART 3 EXECUTION**  
3.1 INSTALLATION  
3.1 FRAMEWORK:  
1. DRILL POST HOLES INTO UNDISTURBED OR COMPACTED SOIL.  
2. SET POSTS IN CONCRETE FOOTINGS IN ACCORDANCE WITH ASTM F567.  
3. MINIMUM FOOTING DEPTH: 36 INCHES PLUS AN ADDITIONAL 3 INCHES FOR EACH 1 FOOT INCREASE IN FENCE HEIGHT OVER 4 FEET.  
4. MINIMUM FOOTING DIAMETER: FOUR TIMES LARGEST CROSS SECTION OF POST UP TO 4,000 INCHES AND THREE TIMES LARGEST CROSS SECTION OF POSTS GREATER THAN 4,000 INCHES.  
5. GATE POST FOOTINGS: COMPLY WITH MINIMUM REQUIREMENTS LISTED IN ASTM F567.  
6. PLACE CONCRETE AROUND POSTS IN CONTINUOUS POUR, TAMP AND DOME TOP AWAY FROM POST. CHECK FOR VERTICAL AND TOP ALIGNMENT; BRACE POSTS UNTIL CONCRETE HAS SET.  
7. LOCATE TOP OF FOOTING AT GRADE.  
8. INSTALL LINE POSTS AT MAXIMUM 10 FEET ON CENTER.  
9. BRACE AND TRUSS END CORNER, RAIL AND GATE POSTS FOR FENCE 6 FEET AND HIGHER AND FENCE'S FEET AND HIGHER WITHOUT TOP RAIL IN ACCORDANCE WITH ASTM F567.  
10. TENSION WIRE:  
a. INSTALL TENSION WIRE 4 INCHES UP FROM BOTTOM OF FABRIC (AND 4 INCHES DOWN FROM TOP EDGE OF FABRIC FOR FENCES WITHOUT TOP RAIL).  
b. STRETCH WIRE TAUT, INDEPENDENTLY AND PRIOR TO FABRIC, BETWEEN TERMINAL POSTS AND SECURE TO TERMINAL POST USING BRACE BAND.  
c. SECURE WIRE TO CHAIN LINK FABRIC WITH 9 GAGE HOG RINGS SPACED MAXIMUM 18 INCHES ON CENTER AND TO EACH LINE POST WITH THE WIRE.  
d. INSTALL TOP TENSION WIRE THROUGH BARBED WIRE ARM LOOP FOR FENCES HAVING BARBED WIRE AND NO TOP RAIL.  
B. FABRIC:  
1. INSTALL FABRIC TO INSIDE OF FRAMEWORK.  
2. ATTACH FABRIC TO TERMINAL POST BY THREADING TENSION BAR THROUGH FABRIC, SECURE TENSION BAR TO TERMINAL POST WITH TENSION BANDS AND 5/16 INCH CARRIAGE BOLTS SPACED MAXIMUM 12 INCHES ON CENTER.  
3. FOR SMALL MESH FABRIC LESS THAN 1 INCH, ATTACH TO TERMINAL POST BY SANDWICHING MESH BETWEEN POST AND VERTICAL 2 INCH WIDE X 3/16 INCH STEEL BAR USING CARRIAGE BOLTS THROUGH BAR, MESH AND POST, SPACED MAXIMUM 15 INCHES ON CENTER.  
4. STRETCH FABRIC TAUT, WITHOUT SAG. SECURE FABRIC TO LINE POSTS WITH THE WIRES SPACED MAXIMUM 12 INCHES ON CENTER AND TO RAILS AT MAXIMUM 18 INCHES ON CENTER.  
5. SECURE FABRIC TO TENSION WIRES WITH HOG RINGS SPACED MAXIMUM 18 INCHES ON CENTER.  
6. WRAP THE WIRE AROUND POST OR RAIL AND ATTACHED TO FABRIC WIRE PICKET ON EACH SIDE BY TWISTING THE WIRE AROUND FABRIC WIRE PICKET TWO FULL TURNS, CUT OFF EXCESS WIRE AND BEND OVER.  
7. INSTALLED FABRIC GROUND CLEARANCE: MAXIMUM 2 INCHES.  
C. SWING GATES:  
1. INSTALL IN ACCORDANCE WITH ASTM F567, WITH GATES PLUMB IN CLOSED POSITION AND HAVING 3 INCH BOTTOM CLEARANCE, GRADE PERMITTING.  
2. MAXIMUM HINGE AND LATCH OFFSET OPENING SPACE FROM GATE FRAME TO POST: 3 INCHES IN CLOSED POSITION.  
3. SET DOUBLE LEAF GATE DROP BAR RECEIVERS IN CONCRETE FOOTING MINIMUM 6 INCH DIAMETER X 24 INCHES DEEP.  
4. INSTALL GATE LEAF HOLDBACKS FOR DOUBLE LEAF GATES.  
3.2 INSTALLATION TOLERANCES  
A. MAXIMUM VARIATION FROM PLUMB: 1/4 INCH IN 10 FEET.  
B. MAXIMUM OFFSET FROM TRUE POSITION: 1 INCH.

**SECTION 32 8400  
PLANTING IRRIGATION**

**PART 1 GENERAL**  
1.1 SUMMARY  
A. SECTION INCLUDES:  
1. PIPE AND FITTINGS, VALVES, SPRINKLER HEADS, ACCESSORIES, AND CONTROLS.  
1.3 SYSTEM DESCRIPTION  
A. ELECTRIC SOLENOID CONTROLLED UNDERGROUND IRRIGATION SYSTEM, WITH LOW POINT SELF DRAIN.  
1.4 SUBMITTALS  
A. SUBMITTALS FOR REVIEW:  
5. SHOP DRAWINGS: INDICATE PIPING LAYOUT TO WATER SOURCE, LOCATION OF SLEEVES UNDER PAVEMENT, LOCATION AND COVERAGE OF SPRINKLER HEADS, CONTROLLER, PLANT AND LANDSCAPING FEATURES, SITE STRUCTURES, SCHEDULE OF FITTINGS TO BE USED.  
2. PRODUCT DATA: PROVIDE COMPONENT AND CONTROL SYSTEM AND WIRING DIAGRAMS.  
B. SUSTAINABLE DESIGN SUBMITTALS:  
1. RECYCLED CONTENT.  
2. REGIONAL MATERIALS.  
1.5 MAINTENANCE  
A. PROVIDE MAINTENANCE SERVICES ON SYSTEM FOR 12 MONTHS AFTER SUBSTANTIAL COMPLETION.  
B. PROVIDE TWO EACH OF FOLLOWING EXTRA COMPONENTS:  
1. SPRINKLER HEADS: EACH TYPE AND SIZE.  
2. VALVE KEYS FOR MANUAL VALVES.  
3. VALVE BOX KEYS.  
4. KEYS FOR VALVE MARKERS.  
5. WRENCHES FOR EACH TYPE HEAD CORE AND FOR REMOVING AND INSTALLING EACH TYPE HEAD.

**PART 2 PRODUCTS**  
2.1 MATERIALS  
REFER TO SCHEMATIC LANDSCAPE PLAN SHEET.  
**PART 3 EXECUTION**  
3.1 INSTALLATION  
REFER TO SCHEMATIC LANDSCAPE PLAN  
3.2 ADJUSTMENT  
A. ADJUST CONTROL SYSTEM TO ACHIEVE TIME CYCLES REQUIRED.  
3.3 TESTING  
A. PRIOR TO BACKFILLING, TEST SYSTEM FOR LEAKAGE TO MAINTAIN 100 PSI PRESSURE FOR ONE HOUR.  
B. IF LEAKAGE OR LOSS OF PRESSURE OCCURS DURING TEST PERIOD, REPAIR SYSTEM AND RETEST UNTIL ACCEPTABLE RESULTS ARE OBTAINED.

**SECTION 32 9220  
SODDING**

**PART 1 GENERAL**  
1.1 SUMMARY  
A. SECTION INCLUDES:  
1. SOD INSTALLATION.  
2. MAINTENANCE.  
3. FERTILIZING.  
1.3 QUALITY ASSURANCE  
A. SOD: MINIMUM AGE OF 18 MONTHS, WITH ROOT DEVELOPMENT THAT WILL SUPPORT ITS OWN WEIGHT WITHOUT TEARING, WHEN SUSPENDED VERTICALLY BY HOLDING UPPER TWO CORNERS.  
1.4 DELIVERY, STORAGE AND HANDLING

A. DELIVER SOD ON PALLETS, PROTECT EXPOSED ROOTS FROM DEHYDRATION.  
C. DO NOT DELIVER MORE SOD THAN CAN BE INSTALLED WITHIN 24 HOURS.  
D. DELIVER FERTILIZED IN WATERPROOF BAGS SHOWING WEIGHT, CHEMICAL ANALYSIS, AND NAME OF MANUFACTURER.

**PART 2 PRODUCTS**  
2.1 MATERIALS  
A. SOD:  
1. ASPA APPROVED, FIELD GROWN GRADE; CULTIVATED GRASS SOD, STRONG FIBROUS ROOT SYSTEM, FREE OF STONES, BURNED OR BARE SPOTS; CONTAINING NO MORE THAN 10 WEEDS PER 1000 SQUARE FEET.  
2.2 ACCESSORIES  
A. FERTILIZER: TYPE RECOMMENDED FOR GRASS.  
B. WATER: CLEAN, FRESH AND FREE OF SUBSTANCES OR MATTER WHICH COULD INHIBIT VIGOROUS GROWTH OF GRASS.  
2.3 HARVESTING SOD  
A. MACHINE CUT SOD AND LOAD ON PALLETS IN ACCORDANCE WITH ASPA GUIDELINES.  
B. CUT SOD IN AREA NOT EXCEEDING 1 SQUARE YARD, WITH MINIMUM 1/2 INCH AND MAXIMUM 1 INCH TOPSOIL BASE.

**PART 3 EXECUTION**  
3.1 PREPARATION  
A. PREPARE SUBSOIL, ELIMINATE UNEVEN AREAS AND LOW SPOTS.  
B. REMOVE FOREIGN MATERIALS AND UNDESIRABLE PLANTS AND THEIR ROOTS. DO NOT BURY FOREIGN MATERIAL BENEATH AREAS TO BE SODDED.  
C. REMOVE CONTAMINATED TOPSOIL.  
3.2 LAYING SOD  
A. MOISTEN PREPARED SURFACE IMMEDIATELY PRIOR TO LAYING SOD.  
B. LAY SOD WITH ROOTS AT MAXIMUM 2 FEET ON CENTER, DRIVE PEGS FLUSH WITH SOIL PORTION OF SOD.  
C. LAY SOD TIGHT WITHOUT OPEN JOINTS AND WITHOUT OVERLAPPING, STAGGER END JOINTS 12 INCHES MINIMUM. DO NOT STRETCH SOD PIECES.  
D. LAY SMOOTH.  
E. PLACE TOP ELEVATION OF SOD 1/2 INCH BELOW ADJOINING CURBS.  
F. ON SLOPES 1:2 AND STEEPER, LAY SOD PERPENDICULAR TO SLOPE AND SECURE EVERY ROW WITH WOODEN PEGS AT MAXIMUM 2 FEET ON CENTER.  
G. IMMEDIATELY AFTER INSTALLATION, ROLL SOD; REMOVE AIR POCKETS, VOIDS, AND MINOR DEPRESSIONS AND IRREGULARITIES.  
H. FILL VOIDS BETWEEN SOD PIECES WITH TOPSOIL. RAKE EXCESS TOPSOIL INTO SOD BUT DO NOT SMOOTH GRASS WITH TOPSOIL.  
3.3 WATERING  
A. WATER SODDED AREAS WITHIN 2 HOURS AFTER INSTALLATION, TO SATURATION.  
B. CONTINUE WATERING DAILY USING LESS WATER, ENSURE MOISTURE TO 4 INCH DEPTH BUT AVOID STANDING WATER.  
C. WHEN ROOT GROWTH IS OBSERVED BY LIFTING CORNERS OF SOD, REDUCE WATERING TO ALTERNATING DAYS.  
D. AFTER 14 DAYS, IF ROOT GROWTH PREVENTS SOD CORNERS FROM BEING LIFTED, ALLOW SOD TO DRY TO PERMIT MOWING.  
3.4 MAINTENANCE  
A. MAINTAIN LAWN AREAS BY WATERING, MOWING, AND WEEDING FROM DATE OF INSTALLATION UNTIL SUBSTANTIAL COMPLETION.  
B. WATER TO MINIMUM DEPTH OF 2 INCHES; PROVIDE TEMPORARY HOSES AND SPRINKLERS FOR NON-IRRIGATED AREAS.  
C. MOW WEEKLY AFTER GRASS REACHES 2 INCH HEIGHT, NEATLY TRIM EDGES.  
D. REMOVE CLIPPINGS IMMEDIATELY AFTER MOWING AND TRIMMING.  
E. REMOVE WEEDS AND FOREIGN GRASS WEEKLY, USE HERBICIDES ONLY IF APPROVED BY ARCHITECT.  
3.5 FERTILIZING  
A. AFTER FIRST MOWING, APPLY FERTILIZER IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.  
B. LIGHTLY WATER

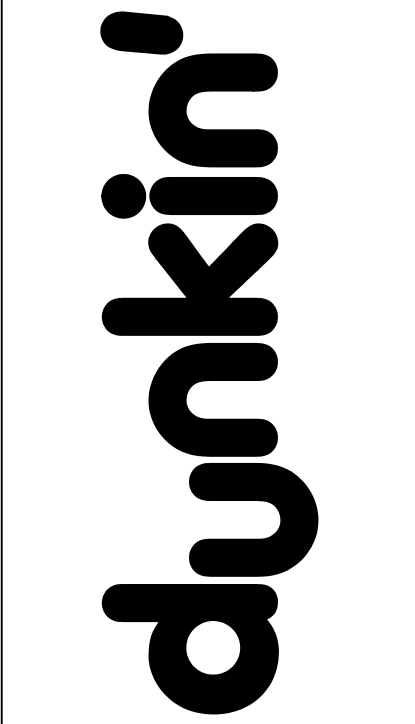
TILE - DAL TILE

DAL TILE PALETTE					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
<b>G-01 (C)</b>	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: 877-556-5728 EMAIL: NATIONAL.ACCOUNTS@DALTILE.COM DBI REP - PAULA TOSTI 978.835.7793 EMAIL: PAULA.TOSTI@DALTILE.COM
		CBP	# 335 WINTER GRAY	CUSTOMER AREA GROUT- SEE FINISH SCHEDULE FLOOR TILE (FT) COMMENTS FOR LOCATION	
<b>G-01 (W)</b>	GROUT	LATRICRETE	# 35 - MOCHA	CUSTOMER AREA GROUT- SEE FINISH SCHEDULE FLOOR TILE (FT) COMMENTS FOR LOCATION	
		CUSTOM TILE PRODUCTS	# 540 - TRUFFLE	CUSTOMER AREA GROUT- SEE FINISH SCHEDULE FLOOR TILE (FT) COMMENTS FOR LOCATION	
<b>G-02</b>	GROUT	MAPEI	ULTRSCOLOR PLUS FA # 11 - SAHARA BEIGE	BACK OF HOUSE GROUT- SEE FINISH SCHEDULE FLOOR TILE (FT) COMMENTS FOR LOCATION	
		CBP	#335 WINTER GRAY	BACK OF HOUSE GROUT- SEE FINISH SCHEDULE FLOOR TILE (FT) COMMENTS FOR LOCATION	
<b>G-03</b>	GROUT	MAPEI	ULTRSCOLOR PLUS FA # 38 - AVALANCHE	BACK LINE GROUT- SEE FINISH SCHEDULE FLOOR TILE (WT) COMMENTS FOR LOCATION	
		CBP	#381 BRIGHT WHITE	BACK LINE GROUT- SEE FINISH SCHEDULE FLOOR TILE (WT) COMMENTS FOR LOCATION	
<b>G-04</b>	GROUT	MAPEI	ULTRSCOLOR PLUS FA # 10 - BLACK	BRICK TILE GROUT- SEE FINISH SCHEDULE FLOOR TILE (FT) OR WALL TILE (WT) COMMENTS FOR LOCATION	
		CBP	#60 CHARCOAL	BRICK TILE GROUT- SEE FINISH SCHEDULE FLOOR TILE (FT) OR WALL TILE (WT) COMMENTS FOR LOCATION	
<b>G-05</b>	GROUT	MAPEI	ULTRSCOLOR PLUS FA # 09 - GRAY	RESTROOM GROUT- SEE FINISH SCHEDULE WALL TILE (WT) COMMENTS FOR LOCATION	
		CBP	#185 NEW TAUPE	RESTROOM GROUT- SEE FINISH SCHEDULE WALL TILE (WT) COMMENTS FOR LOCATION	
<b>G-06</b>	GROUT	CUSTOM BUILDING	335 WINTER GREY	COMBO ONLY - COOL PALETTE CEG-LITE EPOXY GROUT DINING - SEATING AREA	
<b>G-07</b>	GROUT	CUSTOM BUILDING	543 DRIFTWOOD	COMBO ONLY - COOL PALETTE CEG-LITE EPOXY GROUT CAKERY WALL	
<b>FT-01 (C)</b>	PORCELAIN TILE	DAL TILE	ASTRONOMY AT72 SOLSTICE - 12X24 FLOOR # AT7212241P6	COOL PALETTE - 12"X24" FRONT OF HOUSE (PUBLIC AREAS) AND RESTROOM AREA TILE - USE W/ GROUT G-01 (C)	
<b>FT-01 (W)</b>	PORCELAIN TILE	DAL TILE	AFFINITY AF02 BIEGE 12" X 24" / MATTE FINISH #AF0212241P6	WARM PALETTE - 12"X24" FRONT OF HOUSE (PUBLIC AREAS) AND RESTROOM AREA TILE - USE W/ GROUT G-04 2015 IMAGE TILE (TAN COLOR) MAYBE AVAILABLE (COLOR MATCH REQUIRED) FROM DAL TILE N50012121P6 'DUNKIN N500 LATTE 12X12'	
<b>FT-01 (E)</b>	PORCELAIN TILE	DAL TILE	REMODEL KEEPING EXISTING FLOOR TILE		
<b>FT-01 ALT (C)</b>	NOT USED				
<b>FT-01 ALT (W)</b>	NOT USED				
<b>FT-02</b>	QUARRY TILE	DAL TILE	QUARRY TEXTURES - 6X6X1/2 FLOOR CE 0T03 'ASHEN GRAY STD' # 0T0303551P	COOL AND WARM PALETTE - 6"X6", BACKLINE/SERVICE AREA & B.O.H. AREAS - USE W/ GROUT G-02	
<b>FT-02 (E)</b>	QUARRY TILE	DAL TILE	REMODEL KEEPING EXISTING FLOOR TILE		
<b>FT-03 (C)</b>	NOT USED				
<b>FT-03 (W)</b>	PORCELAIN TILE	DAL TILE	SADDLE BROOK SD14 FARMHOUSE 6" X 36" MATTE FINISH #SD1463651PR	WARM PALETTE - 6" X 36" TILE SEATING AREA ACCENT FLOOR TILE. USE W/ GROUT G-04	
<b>FT-04</b>	PORCELAIN FLOOR TILE	DAL TILE	AV06, ARK	COMBO ONLY - COOL PALETTE 6"X36" ACACIA VALLEY, ARK DINING - SEATING AREA	
<b>FTB-01 CUT (C)</b>	PORCELAIN TILE	DAL TILE	ASTRONOMY AT72 SOLSTICE - 12X24 FLOOR # AT7212241P6	COOL PALETTE - CUT 12"X24" FLOOR TILE W/ BRUSHED NICKEL SCHLUTER STRIP CAP JOLLY - ANIGB COLOR MATCH WALL TILE ALUMINUM TRIM MATTE WHITE TSSD DARK ANTHRACITE TSSG STONE GREY	
<b>FTB-01 CUT (W)</b>	PORCELAIN TILE	DAL TILE	AFFINITY TILE - BIEGE AF02 12" X 24" / MATTE FINISH #AF0212241P6	WARM PALETTE - CUT 12"X24" FLOOR TILE W/ BRUSHED NICKEL SCHLUTER STRIP CAP JOLLY - ANIGB COLOR MATCH WALL TILE ALUMINUM TRIM MATTE WHITE TSSD DARK ANTHRACITE TSSG STONE GREY USE W/ GROUT G-04	
<b>FTB-01 ALT CUT (C)</b>	NOT USED			COOL PALETTE - CUT 12"X12" FLOOR TILE W/ BRUSHED NICKEL SCHLUTER STRIP CAP JOLLY - ANIGB COLOR MATCH WALL TILE ALUMINUM TRIM MATTE WHITE TSSD DARK ANTHRACITE TSSG STONE GREY	
<b>FTB-01 ALT CUT (W)</b>	NOT USED				
<b>FTB-01 COVE (C)</b>	PORCELAIN TILE	DAL TILE	ASTRONOMY AT72 SOLSTIC COVE BASE	COOL PALETTE - 6"X12" COVED BASE TILE (OPTIONAL UPGRADE FOR FRONT OF HOUSE PUBLIC AREAS AND RESTROOMS)	
<b>FTB-01 COVE (W)</b>	PORCELAIN TILE	DAL TILE	AFFINITY TILE - BIEGE AF02 MATTE FINISH COVE BASE	WARM PALETTE - USE W/ GROUT G-04	
<b>FTB-02 COVE</b>	QUARRY TILE WALL BASE	DAL TILE	QUARRY 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 # 0T03QCL3565U1P - LEFT CORNER # 0T03QCR3565U1P - RIGHT CORNER # 0T03QB3565U1P - INSIDER CORNER USE W/ GROUT G-02	

TILE - DAL TILE

<b>FTB-03 CUT (C)</b>	NOT USED				
<b>FTB-03 CUT (W)</b>	PORCELAIN TILE	DAL TILE	SADDLE BROOK TILE - FARMHOUSE SD14 6" X 36" MATTE FINISH	WARM PALETTE - USE W/ 6" X 36" TILE WALL BASE @ SEATING AREA ACCENT FLOOR TILE. USE W/ GROUT G-04	
<b>FTB-03 ALT CUT (C)</b>	NOT USED				
<b>FTB-03 ALT CUT (W)</b>	NOT USED				
<b>FTB-03 COVE (C)</b>	NOT USED				
<b>FTB-03 COVE (W)</b>	PORCELAIN TILE	DAL TILE	SADDLE BROOK TILE - FARMHOUSE SD14 6" X 36" MATTE FINISH	WARM PALETTE - USE W/ 6" X 36" COVE TILE WALL BASE @ SEATING AREA ACCENT FLOOR TILE. USE W/ GROUT G-04	
<b>FTB-04 (CUT)</b>	PORCELAIN FLOOR TILE	DAL TILE	AV06, ARK	COMBO ONLY - COOL PALETTE 6"X36" ACACIA VALLEY, ARK DINING - SEATING AREA	
<b>WT-01 (C)</b>	PORCELAIN TILE	DAL TILE	DUNKIN COOL SWITCH TILE 12" X 24" (backline wall) # N812DD12241P2	COOL PALETTE - NSTALL PER PATTERN SHOWN IN DETAIL # 5/A9.0 BACKLINE WALL TILE - 12X24 BACKLINE WALL TILE - USE W/ GROUT G-03 ALUMINUM PROFILE: SCHLUTER, JOLLY, MBW MATTE WHITE HEIGHT 10 mm (3/8") A100MBW	
<b>WT-01 (W)</b>	PORCELAIN TILE	DAL TILE	DUNKIN WARM SWITCH TILE 12" X 24" (backline wall) # N515SA0212241P2	WARM PALETTE OR REMODEL USE ONLY - WHEN KEEPING EXISTING 2015 IMAGE FLOOR TILE (TAN COLOR) NSTALL PER PATTERN SHOWN IN DETAIL # 5/A9.0 BACKLINE WALL TILE - USE W/ GROUT G-03 ALUMINUM PROFILE: SCHLUTER, JOLLY, MBW MATTE WHITE HEIGHT 10 mm (3/8") A100MBW	
<b>WT-02</b>	PORCELAIN TILE	DAL TILE	COLOR WHEEL LINEAR 0780 - MATTE CHALKBOARD 8X24 # 07808241P2	COOL AND WARM PALETTE - BRICK STYLE 6" X 24" SP. ORDER CUT TO SIZE (WT-2) - USE W/ GROUT G-04 ALUMINUM PROFILE: SCHLUTER, JOLLY, TSSD DARK ANTHRACITE HEIGHT 8 mm (5/16") A80TSSD	
<b>WT-03</b>	PORCELAIN TILE	DAL TILE	FIELD - 6"X18" (RESTROOMS) COLOR WHEEL LINEAR - MATTE ARCTIC WHITE # 07906181P2	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") A80TSSG	
<b>WT-04 (C)</b>	PORCELAIN TILE	DAL TILE	DUNKIN BLOCK PARTY CARBON 6" X 6" - 2TILE ACCENT (RESTROOMS) # N515BP01661P4	COOL PALETTE - NSTALL PER PATTERN SHOWN IN DETAIL # 3/A9.0 RESTROOM ACCENT 6" X 6" - USE W/ GROUT G-5 ALUMINUM PROFILE: SCHLUTER, JOLLY, TSSG STONE GREY 8 mm (5/16") A80TSSG	
<b>WT-04 (W)</b>	PORCELAIN TILE	DAL TILE	DUNKIN BLOCK PARTY URBAN 6" X 6" - 2TILE ACCENT (RESTROOMS) #N515BP02661P4	WARM PALETTE OR REMODEL USE ONLY WHEN KEEPING EXISTING 2015 IMAGE FLOOR TILE (TAN COLOR) NSTALL PER PATTERN SHOWN IN DETAIL # 3/A9.0 - BACKLINE WALL TILE - RESTROOM ACCENT INSTALL IN A RANDOM PATTERN 6" X 6" - USE W/ GROUT G-5 ALUMINUM PROFILE: SCHLUTER, JOLLY, TSSG STONE GREY 8 mm (5/16") A80TSSG	
<b>WT-05</b>	CERAMIC WALL TILE	DAL TILE	AR09 COLUMN GRAY	COMBO ONLY - COOL PALETTE ARTICULO 6"X18" CAKERY WALL	

- GENERAL NOTES:
1. NEW & REMODEL STORES HAVE THE OPTION OF A COOL OR WARM PALETTE FOR INTERIOR FINISHES
  2. CODE SUFFIX (C) = COOL PALETTE FINISHES
  3. CODE SUFFIX (W) = WARM PALETTE OR REMODEL FINISHES WHEN KEEPING 2015 IMAGE FLOOR TILE
  4. CODE SUFFIX (E) = EXISTING
  5. FINISHES WITHOUT SUFFIX ARE UNIVERSAL TO THE COOL & WARM PALETTE
  6. REMODEL STORES KEEPING EXISTING 2015 IMAGE FLOOR TILE (TAN COLOR) SHALL ONLY USE THE WARM PALETTE



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NO	DESCRIPTION	BY	DATE
1	INITIAL ISSUE	NDM	08/13/23

JOB LOCATION:  
**CAMBRIDGE, MA**  
 655 MASS. AVENUE

MASTER FINISH SCHEDULE

CONSTRUCTION: REMODEL IMAGE TYPE: NEXT GEN OMI COOL PALETTE

SHEET  
**GN-2.0**

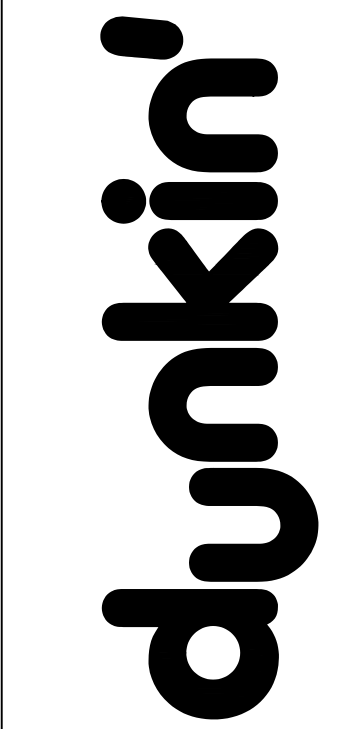
JOB#: D23033  
 DATE: 08/13/23  
 PC#: 364942  
 C.M.: MARK DONAHOE

TILE - CREATIVE MATERIALS

CREATIVE MATERIALS PALETTE					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
<u>G-01 (C)</u>	GROUT	MAPEI	ULTRSCOLOR PLUS FA # 27 - SILVER	CUSTOMER AREA GROUT- SEE FINISH SCHEDULE FLOOR TILE (FC) COMMENTS FOR LOCATION	CONTACT INFORMATION PHONE: 800 207 2967 EXT. 3865 (DUNK) FAX: 518-452-9153 EMAIL: DUNKINTILE@CREATIVEMATERIALSCORP.COM
<u>G-01 (W)</u>	GROUT	LATRICRETE	# 35 - MOCHA	CUSTOMER AREA GROUT- SEE FINISH SCHEDULE FLOOR TILE (FC) COMMENTS FOR LOCATION	
		CUSTOM TILE PRODUCTS	# 540 - TRUFFLE	CUSTOMER AREA GROUT- SEE FINISH SCHEDULE FLOOR TILE (FC) COMMENTS FOR LOCATION	
<u>G-02</u>	GROUT	MAPEI	ULTRSCOLOR PLUS FA # 47 - CHARCOAL	BACK OF HOUSE GROUT- SEE FINISH SCHEDULE FLOOR TILE (FC) COMMENTS FOR LOCATION	
<u>G-03</u>	GROUT	MAPEI	ULTRSCOLOR PLUS FA # 38 - AVALANCHE	BACK LINE GROUT- SEE FINISH SCHEDULE WALL TILE (WT) COMMENTS FOR LOCATION	
<u>G-04</u>	GROUT	MAPEI	ULTRSCOLOR PLUS FA # 10 - BLACK	BRICK TILE GROUT- SEE FINISH SCHEDULE FLOOR TILE (FT) OR WALL TILE (WT) COMMENTS FOR LOCATION	
<u>G-05</u>	GROUT	MAPEI	ULTRSCOLOR PLUS FA # 09 - GRAY	RESTROOM GROUT- SEE FINISH SCHEDULE WALL TILE (WT) COMMENTS FOR LOCATION	
<u>G-06</u>	NOT USED				
<u>G-07</u>	NOT USED				
<u>FT-01 (C)</u>	PORCELAIN TILE	CREATIVE MATERIALS	LAVA LIGHT GRAY	COOL PALETTE - 12"X24" FRONT OF HOUSE (PUBLIC AREAS) AND RESTROOM AREA TILE - USE W/ GROUT G-01 ( C )	
<u>FT-01 (W)</u>	PORCELAIN TILE	CREATIVE MATERIALS	"LAVA SAND" 12X24 NATURAL MATTE FINISH	WARM PALETTE 12"X24" FRONT OF HOUSE (PUBLIC AREAS) AND RESTROOM AREA TILE - USE W/ GROUT G-04	
<u>FT-01 (E)</u>	PORCELAIN TILE	CREATIVE MATERIALS	REMODEL KEEPING EXISTING FLOOR TILE	2015 IMAGE TILE (TAN COLOR) MAY BE AVAILABLE (COLOR MATCH REQUIRED) FROM DAL TILE N500 "PUNKIN LATTE"	
<u>FT-01 ALT (C)</u>	NOT USED			12 X 12 - NOT USED	
<u>FT-01 ALT (W)</u>	NOT USED				
<u>FT-02</u>	QUARRY TILE	CREATIVE MATERIALS	PURITAN GRAY	COOL AND WARM PALETTE - 6"X6", BACKLINE/SERVICE AREA & B O H AREAS - USE W/ GROUT G-02	
<u>FT-02 (E)</u>	QUARRY TILE	CREATIVE MATERIALS	REMODEL KEEPING EXISTING FLOOR TILE		
<u>FT-03 (C)</u>	NOT USED				
<u>FT-03 (W)</u>	PORCELAIN TILE	CREATIVE MATERIALS	MOTIVATE - WALNUT 6" X 36" MATTE FINISH	WARM PALETTE - 6" X 36" TILE SEATING AREA ACCENT FLOOR TILE. USE W/ GROUT G-04	
<u>FT-04</u>	NOT USED				
<u>FTB-01 CUT (W)</u>	NOT USED				
<u>FTB-01 ALT CUT (C)</u>	NOT USED				
<u>FTB-01 ALT CUT (W)</u>	NOT USED				
<u>FTB-01 COVE (C)</u>	PORCELAIN TILE	CREATIVE MATERIALS	LAVA LIGHT GRAY	COOL PALETTE - 6"X12" COVED BASE TILE (OPTIONAL UPGRADE) USE W/ GROUT G-01 ( C )	
<u>FTB-01 COVE (W)</u>	PORCELAIN TILE	CREATIVE MATERIALS	"LAVA NUT" 12X24 NATURAL	WARM PALETTE - USE W/ GROUT G-04	
<u>FTB-02 COVE</u>	QUARRY TILE WALL BASE	CREATIVE MATERIALS	PURITAN GRAY	COOL AND WARM PALETTE - 5"X 6" COVE BASE- SEE NATIONAL ACCOUNTS FOR INSIDE/OUTSIDE CORNER PRODUCT NUMBERS - COVE BASE - LEFT CORNER- RIGHT CORNER - INSIDER CORNER USE W/ GROUT G-02	
<u>FTB-03 CUT (C)</u>	NOT USED				
<u>FTB-03 CUT (W)</u>	PORCELAIN TILE	CREATIVE MATERIALS	MOTIVATE - WALNUT 6" X 36" MATTE FINISH	WARM PALETTE - USE W/ 6" X 36" TILE WALL BASE TILE @ SEATING AREA ACCENT FLOOR TILE. USE W/ GROUT G-04	
<u>FTB-03 ALT (C)</u>	NOT USED				
<u>FTB-03 ALT (W)</u>	NOT USED				
<u>FTB-03 COVE (C)</u>	NOT USED				
<u>FTB-03 COVE (W)</u>	PORCELAIN TILE	CREATIVE MATERIALS	MOTIVATE - WALNUT 6" X 36" MATTE FINISH	WARM PALETTE - USE W/ 6" X 36" TILE WALL BASE TILE @ SEATING AREA ACCENT FLOOR TILE. USE W/ GROUT G-04	
<u>FTB-04 (CUT)</u>	NOT USED				

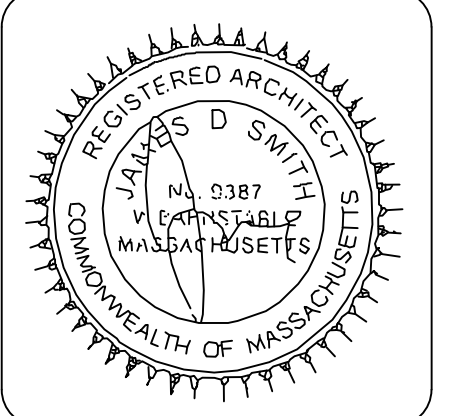
TILE - CREATIVE MATERIALS

<u>WT-01 (C)</u>	PORCELAIN TILE	CREATIVE MATERIALS	STRATA WHITE 12" x 24" - SERVICE LINE TILE #63443	COOL PALETTE - INSTALL PER PATTERN SHOWN IN DETAIL # 3/A9.0 BACKLINE WALL TILE - 12X24 BACKLINE WALL TILE - USE W/ GROUT G- 03 ALUMINUM PROFILE: SCHLUTER, JOLLY, MBW MATTE WHITE HEIGHT 10 mm (3/8") A100MBW
<u>WT-01 (W)</u>	PORCELAIN TILE	CREATIVE MATERIALS	STRATA BEIGE 12" x 24" - SERVICE LINE TILE #64589	WARM PALETTE OR REMODEL USE ONLY WHEN KEEPING EXISTING 2015 IMAGE FLOOR TILE (TAN COLOR) INSTALL PER PATTERN SHOWN IN DETAIL # 3/A9.0 BACKLINE WALL TILE - USE W/ GROUT G- 03 ALUMINUM PROFILE: SCHLUTER, JOLLY, TSI IVORY HEIGHT 8 mm (5/16") A80TSS
<u>WT-02</u>	PORCELAIN TILE	CREATIVE MATERIALS	BRICKWORLD SOHO BLACK - DINING AREA TILE	COOL AND WARM PALETTE - BRICK STYLE 3" X 12" - USE W/ GROUT G-04 ALUMINUM PROFILE: SCHLUTER, JOLLY, TSDA DARK ANTHRACITE HEIGHT 8 mm (5/16") A80TSDA
<u>WT-03</u>	PORCELAIN TILE	CREATIVE MATERIALS	HOLIDAY WHITE 64725 8" X 16"	COOL AND WARM PALETTE - RESTROOMS INSTALL IN A STACK BOND PATTERN 8"X16" - USE W/ GROUT G-05 ALUMINUM PROFILE: SCHLUTER, JOLLY, MBW MATTE WHITE HEIGHT 8 mm (5/16") A80MBW
<u>WT-04 (C)</u>	PORCELAIN TILE	CREATIVE MATERIALS	STRATA TAUPE 64738 8" X 8"	COOL PALETTE - INSTALL PER PATTERN SHOWN IN DETAIL # 3/A9.0 - RESTROOM 8"X8" - USE W/ GROUT G- 05 ALUMINUM PROFILE: SCHLUTER, JOLLY, TSSG STONE GREY 8 mm (5/16") A80TSSG
<u>WT-04 (W)</u>	PORCELAIN TILE	CREATIVE MATERIALS		WARM PALETTE OR FOR REMODEL USE ONLY WHEN KEEPING EXISTING 2015 IMAGE FLOOR TILE (TAN COLOR); SEE SPEC FOR CREATIVE MATERIAL WT-04 INSTALL PER PATTERN SHOWN IN DETAIL # 3/A9.0 -
<u>WT-05</u>	NOT USED			



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NO	DESCRIPTION	BY	DATE
	INITIAL ISSUE	NDM	08/13/23

JOB LOCATION:  
**CAMBRIDGE, MA**  
655 MASS. AVENUE

MASTER FINISH SCHEDULE

CONSTRUCTION:REMODEL IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

SHEET  
**GN-2.1**

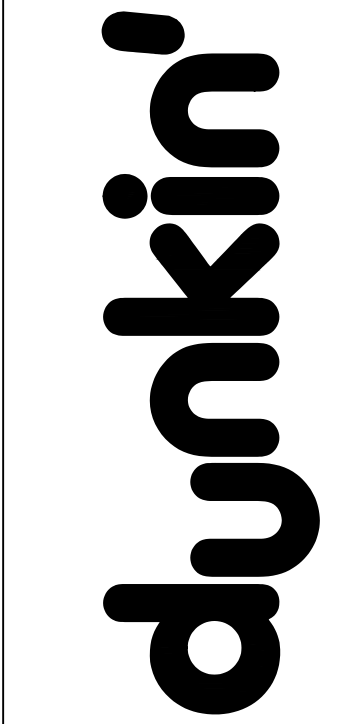
JOB#: D23033  
DATE: 08/13/23  
PC#: 364942  
C.M.: MARK DONAHOE

TILE - HAMILTON PARKER

HAMILTON PARKER PALETTE					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
<u>G-01 (C)</u>	GROUT	MAPEI	ULTRSCOLOR PLUS FA #27 - SILVER	CUSTOMER AREA GROUT- SEE FINISH SCHEDULE FLOOR TILE (FC) COMMENTS FOR LOCATION	ALL INQUIRIES MUST MENTION THE NATIONAL ACCOUNT WITH DUNKIN PHONE: 614-358-7887 EMAIL: T.LEE@HAMILTONPARKER.COM DBI REP: TOM LEE 614.935.1465 EMAIL: JCAMPBELL@HAMILTONPARKER.COM DBI REP: JANET CAMPBELL 614.358.7815
<u>G-01 (W)</u>	GROUT	LATRICRETE	# 35 - MOCHA	CUSTOMER AREA GROUT- SEE FINISH SCHEDULE FLOOR TILE (FC) COMMENTS FOR LOCATION	
		CUSTOM TILE PRODUCTS	# 540 - TRUFFLE	CUSTOMER AREA GROUT- SEE FINISH SCHEDULE FLOOR TILE (FC) COMMENTS FOR LOCATION	
<u>G-02</u>	GROUT	MAPEI	ULTRSCOLOR PLUS FA #47 - CHARCOAL	BACK OF HOUSE GROUT- SEE FINISH SCHEDULE FLOOR TILE (FC) COMMENTS FOR LOCATION	
<u>G-03</u>	GROUT	MAPEI	ULTRSCOLOR PLUS FA #38 - AVALANCHE	BACK LINE GROUT- SEE FINISH SCHEDULE WALL TILE (WT) COMMENTS FOR LOCATION	
<u>G-04</u>	GROUT	MAPEI	ULTRSCOLOR PLUS FA #10 - BLACK	BRICK TILE GROUT- SEE FINISH SCHEDULE FLOOR TILE (FT) OR WALL TILE (WT) COMMENTS FOR LOCATION	
<u>G-05</u>	GROUT	MAPEI	ULTRSCOLOR PLUS FA #09 - GRAY	RESTROOM GROUT- SEE FINISH SCHEDULE WALL TILE (WT) COMMENTS FOR LOCATION	
<del>G-06</del>	NOT USED				
<del>G-07</del>	NOT USED				
<u>FT-01 (C)</u>	PORCELAIN TILE	HAMILTON PARKER	COFFEE SHOP LONDON FOG AV323 PART# T-2922-GOT-AV323-FT-12X24	COOL PALETTE - 12"X24" FRONT OF HOUSE (PUBLIC AREAS) AND RESTROOM AREA TILE - USE W/ GROUT G-01 (C)	
<u>FT-01 (W)</u>	PORCELAIN TILE	HAMILTON PARKER	COFFEE SHOP WHITE MOCHA AV322 PART# T-2922-GOT-AV322-FT-12X24	WARM PALETTE - 12"X24" FRONT OF HOUSE (PUBLIC AREAS) AND RESTROOM AREA TILE - USE W/ GROUT G-04	
<u>FT-01 (E)</u>	PORCELAIN TILE	HAMILTON PARKER	REMODEL KEEPING EXISTING FLOOR TILE	2015 IMAGE TILE (TAN COLOR) MAY BE AVAILABLE (COLOR MATCH REQUIRED) FROM DAL TILE N500 "PUNKIN LATTE"	
<del>FT-01 ALT (C)</del>	NOT USED				
<del>FT-01 ALT (W)</del>	NOT USED				
<u>FT-02</u>	QUARRY TILE	HAMILTON PARKER	COFFEE SHOP CHAI R001 WITH CROSS-TREADS PART# T-2922-CSC-R001-FT-8X8	COOL AND WARM PALETTE - 8"X8"; BACKLINE/SERVICE AREA & B.O.H. AREAS - USE W/ GROUT G-02	
<u>FT-02 (ALT)</u>	QUARRY TILE (ALTERNATIVE)	HAMILTON PARKER	COFFEE SHOP CHAI R001 UNPOLISHED PART# 2922 R00188UP	COOL AND WARM PALETTE - 8"X8"; BACKLINE/SERVICE AREA & B.O.H. AREAS - USE W/ GROUT G-02	
<u>FT-02 (E)</u>	QUARRY TILE		REMODEL KEEPING EXISTING FLOOR TILE		
<del>FT-03 (C)</del>	NOT USED				
<u>FT-03 (W)</u>	PORCELAIN TILE	HAMILTON PARKER	COFFEE SHOP NUT BROWN RLX02 (WOOD LOOK) PART# T-2922-RLX-NMG-FT-6X36-UP	WARM PALETTE - 6" X 36" TILE SEATING AREA ACCENT FLOOR TILE. USE W/ GROUT G-04	
<del>FT-04</del>	NOT USED				
<del>FTB-01 CUT (W)</del>	NOT USED				
<del>FTB-01 ALT CUT (C)</del>	NOT USED				
<del>FTB-01 ALT CUT (W)</del>	NOT USED				
<u>FTB-01 COVE (C)</u>	PORCELAIN TILE	HAMILTON PARKER	COFFEE SHOP LONDON FOG PART# AV323-10612CBS	COOL PALETTE - 6"X12" COVED BASE TILE USE W/ GROUT G-01 (C)	
<u>FTB-01 COVE (W)</u>	PORCELAIN TILE	HAMILTON PARKER	COFFEE SHOP WHITE MOCHA AV322 PART# AV3226X12CB	WARM PALETTE - USE W/ GROUT G-04	
<u>FTB-02 COVE</u>	QUARRY TILE WALL BASE	HAMILTON PARKER	COFFEE SHOP CHAI R001 PART# T-2922-CSC-R001-CB-6X8	COOL AND WARM PALETTE - 6"X 8" COVE BASE- SEE NATIONAL ACCOUNTS FOR INSIDE/OUTSIDE CORNER PRODUCT NUMBERS - COVE BASE - LEFT CORNER- RIGHT CORNER - INSIDER CORNER USE W/ GROUT G-02	
<del>FTB-03 CUT (C)</del>	NOT USED				
<del>FTB-03 ALT (C)</del>	NOT USED				
<del>FTB-03 ALT (W)</del>	NOT USED				
<del>FTB-03 COVE (C)</del>	NOT USED				
<del>FTB-04 (CUT)</del>	NOT USED				

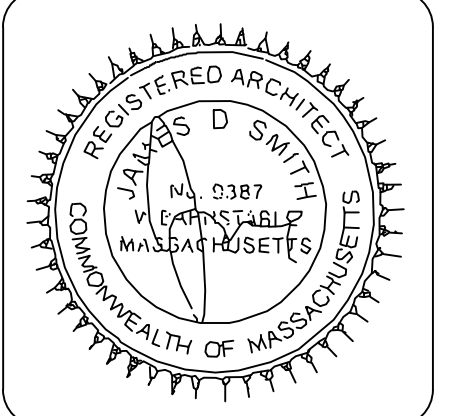
TILE - HAMILTON PARKER

<u>WT-01 (C)</u>	PORCELAIN TILE	HAMILTON PARKER	COFFEE SHOP VANILLA FLAT WHITE 35070 PART# T-265324-X-COOL-FT-12X24	COOL PALETTE - INSTALL PER PATTERN SHOWN IN DETAIL # 5/A9.0 BACKLINE WALL TILE - 12X24 BACKLINE WALL TILE - USE W/ GROUT G-03 ALUMINUM PROFILE: SCHLUTER, JOLLY, MBW MATTE WHITE HEIGHT 10 mm (3/8") A100MBW	
<u>WT-01 (W)</u>	PORCELAIN TILE	HAMILTON PARKER	COFFEE SHOP VANILLA HAZELNUT 34040 PART# T-265324-X-WAR-FT-12X24	WARM PALETTE OR REMODEL USE ONLY WHEN KEEPING EXISTING 2015 IMAGE FLOOR TILE (TAN COLOR) INSTALL PER PATTERN SHOWN IN DETAIL # 5/A9.0 BACKLINE WALL TILE - 12X24 USE W/ GROUT G-03 ALUMINUM PROFILE: SCHLUTER, JOLLY, TSI IVORY HEIGHT 8 mm (5/16") A80TSI	
<u>WT-02</u>	PORCELAIN TILE	HAMILTON PARKER	COFFEE SHOP DARK ROAST AV225 PART #2922AV225.10624UPS	COOL AND WARM PALETTE - BRICK STYLE 6" X 24" - USE W/ GROUT G-04 ALUMINUM PROFILE: SCHLUTER, JOLLY, TSDA DARK ANTHRACITE HEIGHT 8 mm (5/16") A80TSDA	
<u>WT-03</u>	PORCELAIN TILE	HAMILTON PARKER	COFFEE SHOP MILK FROTH SATIN LWT02 FELLOWSHIP PART# T-2922-SIM-LWT02-WT-6X24-STN	COOL AND WARM PALETTE - RESTROOMS INSTALL IN A STACK BOND PATTERN 6"X24" - USE W/ GROUT G-05 ALUMINUM PROFILE: SCHLUTER, JOLLY, MBW MATTE WHITE HEIGHT 8 mm (5/16") A80MBW	
<u>WT-04 (C)</u>	PORCELAIN TILE	HAMILTON PARKER	COFFEE SHOP EARL GREY CHAI 36080 PART# T-265324-X-MSMR-LCG2-FT-6X12	COOL PALETTE - INSTALL PER PATTERN SHOWN IN DETAIL # 3/A9.0 - RESTROOM 6"X12" - USE W/ GROUT G-05 ALUMINUM PROFILE: SCHLUTER, JOLLY, TSSG STONE GREY 8 mm (5/16") A80TSSG	
<u>WT-04 (W)</u>	PORCELAIN TILE	HAMILTON PARKER	COFFEE SHOP CAPPUCCINO 36020 PART# T-265324-X-MVG4-FT-6X6-M	WARM PALETTE - INSTALL PER PATTERN SHOWN IN DETAIL # 3/A9.0 - RESTROOM 6"X6" - USE W/ GROUT G-05 ALUMINUM PROFILE: SCHLUTER, JOLLY, TSSG STONE GREY 8 mm (5/16") A80TSSG	
<del>WT-05</del>	NOT USED				



**JAMES D. SMITH ARCHITECTS**

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NO	DESCRIPTION	BY	DATE
INITIAL	ISSUE	NCM	08/13/23

JOB LOCATION:  
**CAMBRIDGE, MA**  
655 MASS. AVENUE

CONSTRUCTION: REMODEL

IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

SHEET  
**GN-2.2**

JOB#: D23033  
DATE: 08/13/23  
PC#: 364942  
C.M.: MARK DONAHOE

**VINYL WALL COVERING**

VINYL WALL COVERING					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
WC-01 (C)	TYPE II VINYL WALL COVERING	DL COUCH	DLC-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 800.366.6839 X326 CUSTOMERSERVICE@MOMTEX.COM
		WOLF GORDON	DUNKIN RIVULET 54" WIDE GOH 31818546 COLOR NEXT GEN NEUTRAL COOL PALETTE		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-01 (W)	TYPE II VINYL WALL COVERING	DL COUCH	SKETCH TEX - TEA WASH (T2-TX-20)	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 800.366.6839 X326 CUSTOMERSERVICE@MOMTEX.COM
		WOLF GORDON	DUNKIN RIVULET 54" WIDE GOH 31802393		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 (VINYL WALL PROTECTION)	DL COUCH	VERSAGAURD 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 800.366.6839 X326 CUSTOMERSERVICE@MOMTEX.COM
		WOLF GORDON	RAMPART 52"WIDE WG 12691266		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 (W)	TYPE III (VINYL WALL PROTECTION)	DL COUCH	VERSAGAURD PANAMA LINEN - SUGAR CANE (TYPE III)	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 800.366.6839 X326 CUSTOMERSERVICE@MOMTEX.COM
		WOLF GORDON	RAMPART 52" WIDE GOH 31802395		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	DLC-26519C WOOD WALL P3TEC (NATURELLE) (48" WIDE 15 YARD BOLT)	WOOD WALL MUST BE INSTALLED RAILROADED. ALRTERANTE FOR WD-01	CLEARLY STATE THAT YOUR ARE A MEMBER OF DUNKIN BRANDS, INC. STRATEGIC ACCOUNT UPON PURCHASING MATERIAL TO RECEIVE NATIONAL PRICING. KAITLYN FEASTER - ACCOUNT MANAGER 800.366.6839 X326 CUSTOMERSERVICE@MOMTEX.COM
		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
WC-03 (W)	ADVANCED WALL PROTECTION	DL COUCH	SEE DL COUCH WC-03 (C)	WOOD WALL MUST BE INSTALLED RAILROADED. ALRTERANTE FOR WD-01	CLEARLY STATE THAT YOUR ARE A MEMBER OF DUNKIN BRANDS, INC. STRATEGIC ACCOUNT UPON PURCHASING MATERIAL TO RECEIVE NATIONAL PRICING. KAITLYN FEASTER - ACCOUNT MANAGER 800.366.6839 X326 CUSTOMERSERVICE@MOMTEX.COM
		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
WC-04	TYPE III (WALL PROTECTION)	DL COUCH	SEE WOLF GORDON WC-04	CHARCOAL WALL ALRTERANTE FOR WT-02	CLEARLY STATE THAT YOUR ARE A MEMBER OF DUNKIN BRANDS, INC. STRATEGIC ACCOUNT UPON PURCHASING MATERIAL TO RECEIVE NATIONAL PRICING. KAITLYN FEASTER - ACCOUNT MANAGER 800.366.6839 X326 CUSTOMERSERVICE@MOMTEX.COM
		WOLF GORDON	RAMPART 52" WIDE CHARCOAL GOH 31818583 TYPE III WALL PROTECTION.		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

**WALL PROTECTION**

WALL PROTECTION					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
WP-PL1 (C)	NOT USED				
WP-PL1 (W)	NOT USED				
WP-PL2 (C)	LAMINATE	WILSONART	4857-60 "SHADOW ZEPHYR" MATTE FINISH (SAME AS PL-10(C))	PLAM WALL PANELS 48" x 96" (GC PROVIDED ITEM - GC CAN PURCHASE FROM DUNKIN MILLWORK VENDOR)	
WP-PL2 (W)	LAMINATE	FORMICA	5884 "CHESTNUT WOODLINE" MATTE FINISH (SAME AS PL-10(W))	WARM PALETTE OR REMODEL USE ONLY - PLAM WALL PANELS 48" x 96" (GC PROVIDED ITEM - GC CAN PURCHASE FROM DUNKIN MILLWORK VENDOR)	
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: 888-424-6287
WP-CR2 (C)	SOLID SURFACE	LG HI-MACS	CUSTOM COLOR: CANTON (SEE AS SS-01(C)) FINISH: POLISHED	SOLID SURFACE CHAIR RAIL	
WP-CR2 (W)	SOLID SURFACES	LG HI-MACS	CUSTOM COLOR: G122 BAMBOO LEAF (SEE AS SS-01 (W)) FINISH: POLISHED	SOLID SURFACE CHAIR RAIL	
WP-C1		IMPACT SPECIALTIES	COLOR: "BRUSHED NICKEL" VA-200 CORNER 72" X 112" 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: 888-424-6287
NOT USED					
NOT USED					

**WOOD LAMINATE**

WOOD LAMINATE					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
WD-01	WOOD LAMINATE		SEE MILLWORK FINISHES PL-01 (C)	OPTIONAL UPGRADE FOR COOL PALETTE ONLY	
WD-02	NOT USED				
WD-03	NOT USED				

**INTERIOR PAINT**

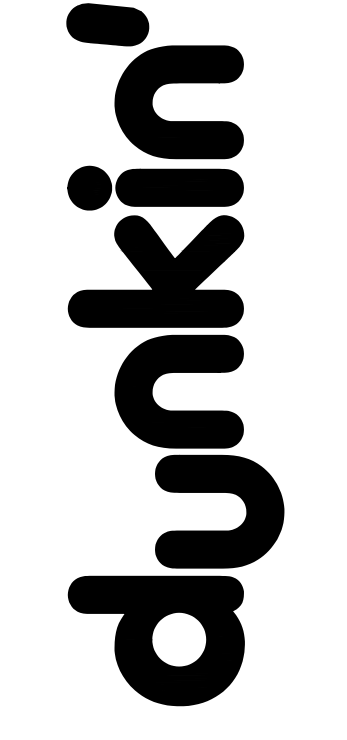
INTERIOR WALL PAINT					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
PT-01 (C)	PAINT	SHERWIN WILLIAMS	LIGHT GREY SW 7671 "ON THE ROCKS"	SHEEN "SATIN-EGGSHELL" - WALL / SOFFIT PAINT WHERE INDICATED	PLACE ORDER WITH LOCAL SHERWIN WILLIAMS STORE FOR A STORE NEAR YOU CALL: 800-474-3794  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
PT-01 (W)	PAINT	SHERWIN WILLIAMS	SW 9088 "UTAUPEDIA"	WALL / SOFFIT PAINT WHERE INDICATED	
PT-02 (C)	PAINT	SHERWIN WILLIAMS	CHARCOAL SW 7069 "IRON ORE"	SHEEN FLAT FOR CEILING / SOFFIT; SEMIGLOSS FOR DOORS AND FRAMES	
PT-02 (W)	PAINT	SHERWIN WILLIAMS	SW 6005 "FOLKSTONE"	SHEEN FLAT FOR CEILING / SOFFIT; SEMIGLOSS FOR DOORS AND FRAMES	
PT-03 (C)	PAINT	SHERWIN WILLIAMS	OFF WHITE SW 6252 "ICE CUBE"	SHEEN FLAT FOR CEILING; SEMIGLOSS FOR DOORS AND FRAMES	
PT-03 (W)	PAINT	SHERWIN WILLIAMS	SW 9109 "NATURAL LINEN"	SHEEN FLAT FOR CEILING; SEMIGLOSS FOR DOORS AND FRAMES	
PT-04	PAINT	SHERWIN WILLIAMS	PRODUCT B31T02654 PANTONE 224C	COMBO ONLY - COOL PALETTE BR PINK FROM AR 200 SEMI-GLOSS LATEX - ULTRADEEP. SALES NUMBER 6501-87396 CASEWORK TRIM AT BAKERY	
PT-05	NOT USED				

**CEILING FINISH**

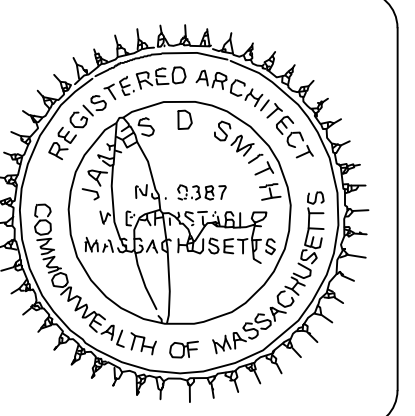
CEILING FINISH					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
CT-01	ACOUSTIC CEILING TILE	ARMSTRONG	WHITE FACTORY FINISH #1732 WH (2' X 2')	WHITE FINE FISSURED TILE WITH WHITE GRID (ARMSTRONG#7300 WH/ SIZE: 5/16")	PLEASE CONTACT ARMSTRONG @ 1-800-442-4212.
CT-02	CEILING TILE AND GRID SYSTEM	ARMSTRONG	BLACK FACTORY FINISH 1728 BL (2' X 2')	BLACK FINE FISSURED-TILE AND BLACK GRID NOTE: STANDARD CLG. TILE IN PUBLIC AREAS (SALES & SEATING AREA)- FOR NEW & REMODEL LOCATIONS	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	#870 (2' X 4') / #868 (2' X 2')	WHITE TILE AND GRID	

**TRAFFIC STRIPING PAINT**

TRAFFIC STRIPING PAINT					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION	VENDOR CONTACTS
TP-01	PAINT	SHERWIN WILLIAMS	PRO PARK	"WHITE": B97WD2434	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
TP-02	PAINT	SHERWIN WILLIAMS	PRO PARK	"BLUE": B97LD2022	
TP-03	PAINT	SHERWIN WILLIAMS	PRO PARK	"YELLOW": B97YD2467	
TP-04	PAINT	SHERWIN WILLIAMS	PRO PARK	"ORANGE": CUSTOM MIX B97YD2467 CEE* COLORANT 02 32 64 128 W1-WHITE - 6 - 1 - - R4-NEW RED 4 53 1 - - Y3-DEEP GOLD - 06 - 1 -	
TP-05	PAINT	SHERWIN WILLIAMS	PRO PARK	"PINK": CUSTOM MIX B97RD2012 CEE* COLORANT 02 32 64 128 W1-WHITE 6 - 1 - - L1-BLUE - 6 - -	
TP-06	NOT USED				



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NO	DESCRIPTION	BY	DATE
	INITIAL ISSUE	INOM	08/13/23

JOB LOCATION:  
**CAMBRIDGE, MA**  
655 MASS. AVENUE  
**MASTER FINISH SCHEDULE**  
CONSTRUCTION-REMODEL  
IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

SHEET  
**GN-2.3**  
JOB#: D23033  
DATE: 08/13/23  
PC#: 364942  
C.M.: MARK DONAHOE

**EXTERIOR WALL PAINT**

CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
PTE-01	PAINT	SHERWIN WILLIAMS	GRAY FINISH	SW 7019 "GAUNTLET GRAY"	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
PTE-02	PAINT	SHERWIN WILLIAMS	CHARCOAL FINISH	SW 7069 "IRON ORE"	
PTE-03	NOT USED		WOOD PATTERN	SEE FIBER CEMENT LAP SIDING PS-03	
PTE-04	PAINT	SHERWIN WILLIAMS	OFF WHITE FINISH	SW 7063 "NEBULOUS WHITE"	
PTE-05	PAINT	SHERWIN WILLIAMS	MID-TONE FINISH	SW 7066 "GRAY MATTERS"	
PTE-06	NOT USED				
PTE-07	NOT USED				
PTE-08	NOT USED				
PTE-09	PAINT	SHERWIN WILLIAMS	WALK-IN BOX	SW 7069 "IRON ORE"	
PTE-10	PAINT	SHERWIN WILLIAMS	SECONDARY MID-TONE FINISH	SW 6255 "MORNING FOG"	
PTE-11	NOT USED		LINEN WHITE	SEE SPEC FOR METAL PAINT PC-10	
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.	
PTE-14	NOT USED				

**EXTERIOR FIBER-CEMENT CLADDING SYSTEMS**

CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
PP-01	FIBER-CEMENT CLADDING	NICHIHA	GRAY FINISH TUFFBLOCK "PEWTER" EPF641F	COLOR: "PEWTER" SURFACE: STANDARD Dimension: 17 7/8" x 11 9/16" x 5/8" TH TRIM: NICHIHA MTC-01 METAL TRIM CORNER KEY 1 1/2" X 1/2" COLOR: CLEAR ANNOXIDIZED	MATT STEPHENSON NATIONAL BRANDS MANAGER P: 770-789-8228 Email: mstephenson@nicaha.com Email: MSTEPHENSON@nicaha.com
PP-02	FIBER-CEMENT CLADDING	NICHIHA	CHARCOAL FINISH TUFFBLOCK "STEEL" EPF644F	COLOR: "STEEL" SURFACE: STANDARD Dimension: 17 7/8" x 11 9/16" x 5/8" TH TRIM: NICHIHA MTC-01 METAL TRIM CORNER KEY 1 1/2" X 1/2" COLOR: CLEAR ANNOXIDIZED	
PP-03	NOT USED		WOOD FINISH	SEE FIBER CEMENT LAP SIDING FINISH PS-03	
PP-04	FIBER-CEMENT CLADDING	NICHIHA	OFF WHITE FINISH MIRIA SNOW EDM1014SUS AWP 18X18 SMOOTH	COLOR: "SNOW" TEXTURE / SURFACE: HIGH GLOSS DIMENSION 17 7/8" x 11 9/16" x 5/8" TH TRIM: NICHIHA MTC-SNOW METAL TRIM CORNER KEY 4 GLOSS PANEL SNOW DIMENSION TRIM: 1 1/2" X 1'-1/2" CORNER KEY RETURNS	
PP-05	FIBER-CEMENT CLADDING		MID-TONE FINISH NOT USED SEE PP-01		
PP-06	NOT USED				
PP-07	NOT USED				
PP-08	NOT USED				

**EXTERIOR FIBER-CEMENT EXTERIOR SIDING AND PANELS**

CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS	
PS-01	FIBER CEMENT PANEL	JAMES HARDIE	GRAY FINISH	COLOR: "AGED PEWTER" SURFACE: HARDIE SIDING OR COLOR: "PRIMED FINISH" FIELD PAINT TO MATCH PTE-01 DIMENSION 8 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	GRAY FINISH	COLOR: "AGED PEWTER" SURFACE: PRE-FINISHED REVEAL PANEL DIMENSION: (5'16" x 48" X96") WITH COLOR MATCHED TRIMS AND COLOR MATCHED SCREWS OR COLOR: "PRIMED FINISH" FIELD PAINT TO MATCH PTE-01		
PS-02	FIBER CEMENT SIDING	JAMES HARDIE	CHARCOAL FINISH	COLOR: "IRON GRAY - VOLCANO GRAY" SURFACE: HARDIE SIDING OR COLOR: "PRIMED FINISH" FIELD PAINT TO MATCH PTE-02 DIMENSION 8 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: PRE-FINISHED REVEAL PANEL DIMENSION: (5'16" x 48" X96") WITH COLOR MATCHED TRIMS AND COLOR MATCHED SCREWS OR COLOR: "PRIMED FINISH" FIELD PAINT TO MATCH PTE-02		
PS-03	FIBER CEMENT SIDING	WOODTONE	WOOD FINISH RUSTIC SERIES WOODTONE	COLOR: "HONEY GLAZE" WOOD PATTERN SURFACE: WOOD PATTERN FLANK DIMENSION 8 1/4" X 12" X 5/16" THK WITH 6" SIDING EXPOSURE NOTE: NAILS TO MATCH WOOD FINISH		FOR WOODTONE PRODUCTS: LAURENCE TAYLOR WOODTONE SALES REPRESENTATIVE PHONE: (604) 792-3690 CELL: (604) 798-2664 LAURENCE@WOODTONE.COM
PS-04	NOT USED					
PS-04 LP	FIBER CEMENT PANEL	JAMES HARDIE	OFF WHITE FINISH LARGE FORMAT PANEL	COLOR: "ARCTIC WHITE" SURFACE: PRE-FINISHED REVEAL PANEL DIMENSION: (5'16" x 48" X96") WITH COLOR MATCHED TRIMS AND COLOR MATCHED SCREWS OR COLOR: "PRIMED FINISH" FIELD PAINT TO MATCH PTE-04		
PS-05	FIBER CEMENT SIDING	JAMES HARDIE	MID-TONE FINISH	COLOR: "GRAY SLATE" SURFACE: HARDIE SIDING OR COLOR: "PRIMED FINISH" FIELD PAINT TO MATCH PTE-05 DIMENSION 8 1/4" X 12" X 5/16" THK WITH 6" SIDING EXPOSURE		TIM FOLSTER WOODTONE MANAGER, STRATEGIC ACCOUNTS PHONE: (604) 792-3690 CELL: (604) 845-9663 TIMF@WOODTONE.COM
PS-05 LP	FIBER CEMENT PANEL	JAMES HARDIE	MID-TONE FINISH	COLOR: "GRAY SLATE" SURFACE: PRE-FINISHED REVEAL PANEL DIMENSION: (5'16" x 48" X96") WITH COLOR MATCHED TRIMS AND COLOR MATCHED SCREWS OR COLOR: "PRIMED FINISH" FIELD PAINT TO MATCH PTE-05		
PS-06	NOT USED					
PS-07	NOT USED					
PS-08	NOT USED					

**EXTERIOR FIBER-CEMENT CLADDING SYSTEMS**

**EXTERIOR FIBER CEMENT SIDING AND PANELS**

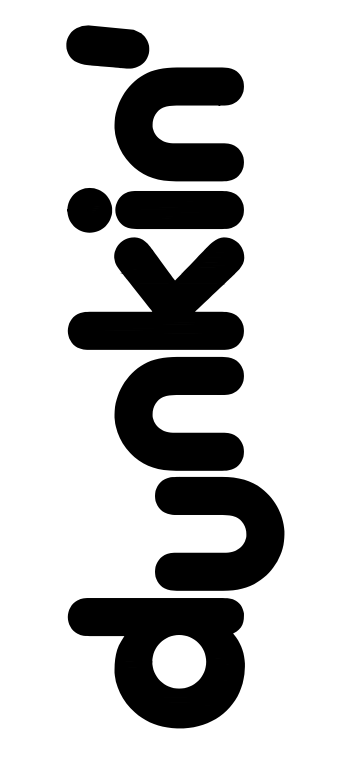
**EXTERIOR EIFS**

CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
EIFS-01	EIFS	DRYVIT	GRAY PATTERN	"GRAY" EIFS: DRYVIT # HDP - DUDO 38 2736 ST. MATCH SW 7019 "GAUNTLET GRAY; SANDPEBBLE FINE	ROBERT DAZEL C: 734-276-0404 BOB.DAZEL@DRYVIT.COM
EIFS-02	EIFS	DRYVIT	CHARCOAL PATTERN	"CHARCOAL" EIFS: DRYVIT #DUDO 312736S. MATCH SW 7069 IRON ORE; SANDPEBBLE FINE.	
EIFS-02 BR	EIFS	DRYVIT	CHARCOAL BRCK PATTERN	MODULAR, WITH TEXTURE, AND WIRE CUT COLOR: GRAY - SW 7019 GAUNTLET GRAY EFFECTS. IRON SPOT AND FLASHED SHAPES COORDINATE AS REQUIRED TO PROJECT SPECIFICS	
EIF-03	NOT USED		WOOD PATTERN	SEE WOODTONES PS-03	
EIFS-03 ALT	EIFS	DRYVIT	WOOD PATTERN	"WOOD" EIFS: DRYVIT # HDP - DUDO 39 2736 ST. COLOR LATTE; SANDPEBBLE FINE	
EIFS-04	EIFS	DRYVIT	OFF WHITE PATTERN	"WHITE" EIFS: DRYVIT DUDO 40 2736 ST. MATCH SW 7063 NEBULOUS WHITE; SANDPEBBLE FINE	
EIFS-05	EIFS	DRYVIT	MID-TONE CLADDING	"MIDDLE GREY" EIFS: DRYVIT COLOR: #DUDO 362736S, SANDPEBBLE FINE	
EIFS-06	NOT USED				
EIFS-07	NOT USED				
EIFS-08	NOT USED				
EIFS-09	NOT USED		WALK-IN BOX	SEE EXTERIOR PAINT PTE-09	
EIFS-10	NOT USED		SECONDARY MID-TONE FINISH		
EIFS-11	NOT USED		LINEN WHITE	SEE SPEC FOR METAL PAINT PC-10	
EIFS-12	EIFS	DRYVIT	PINK BAND	COLOR: PINK - DUDO 33 1413 S NOTE: STRATOTONE COLORANT ORANGE - DUDO 34 1413 S NOTE: STRATOTONE COLORANT	
EIFS-13	EIFS	DRYVIT	ORANGE BAND		
EIFS-14	NOT USED				

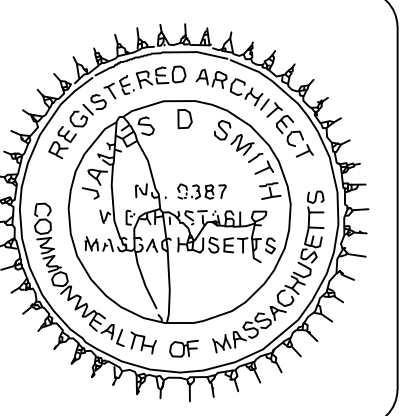
**EXTERIOR METAL PAINTED COATINGS**

CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
PC-01	PAINTED COATING	SHERWIN WILLIAMS	GRAY FINISH	SW 7019 "GAUNTLET GRAY"	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	GRAY FINISH	SW 7019 "GAUNTLET GRAY"	
PC-02	PAINTED COATING	MATTHEWS PAINT	CHARCOAL FINISH	COLOR: MP10269 DARK SLATE FINISH LVS SATIN V2.0	
	PAINTED COATING	SHERWIN WILLIAMS	CHARCOAL FINISH	SW 7069 "IRON ORE"	
PC-03	NOT USED				
	NOT USED				
PC-04	PAINTED COATING	MATTHEWS PAINT	OFF WHITE FINISH	COLOR MATCH PMS COOL GREY 1C MAP ULTRA LOW V.O.C.	
	PAINTED COATING	SHERWIN WILLIAMS	OFF WHITE FINISH	SW 7063 "NEBULOUS WHITE"	
PC-05	PAINTED COATING	POWDER COAT	OFF WHITE FINISH	SW 7063 "NEBULOUS WHITE"	
	PAINTED COATING	SHERWIN WILLIAMS	MID-TONE FINISH	SW 7066 "GRAY MATTERS"	
PC-06	NOT USED				
	NOT USED				
PC-07	PAINTED COATING	SHERWIN WILLIAMS	OFF WHITE FINISH	SW 7063 "NEBULOUS WHITE"	
	PAINTED COATING	POWDER COAT	OFF WHITE FINISH	SW 7063 "NEBULOUS WHITE"	
PC-08	PAINTED COATING	SHERWIN WILLIAMS	CHARCOAL FINISH	SW 7069 "IRON ORE"	
	PAINTED COATING	POWDER COAT	CHARCOAL FINISH	SW 7069 "IRON ORE"	
PC-09	PAINTED COATING	SHERWIN WILLIAMS	WALK-IN	SW 7069 "IRON ORE"	
	PAINTED COATING	POWDER COAT TO MATCH SW COLOR	WALK-IN	SW 7069 "IRON ORE"	
PC-10	PAINTED COATING	SHERWIN WILLIAMS	MID-TONE FINISH #2	SW 6255 "MORNING FOG"	
	PAINTED COATING	POWDER COAT	MID-TONE FINISH #2	SW 6255 "MORNING FOG"	
PC-12	PAINTED COATING	MATTHEWS PAINT	DD PINK FINISH	COLOR MATCH PMS 219 C COLOR: MP79206 R161426 FINISH: LVS SATIN V1.0 OVER MP55898 WHITE BASECOAT	
	PAINTED COATING	SHERWIN WILLIAMS	DD PINK FINISH	COLOR MATCH PMS 219 C COLOR: MP79206 R161426 FINISH: LVS SATIN V1.0 OVER MP55898 WHITE BASECOAT	
PC-13	PAINTED COATING	MATTHEWS PAINT	DD ORANGE FINISH	COLOR MATCH PMS 165C COLOR: MP79700 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 Glass Clear 629.21g / .12gal GT1043 Autumn Orange 194.04g / .05gal GT1011 Arctic White 137.23g / .02gal GR1088 Reducer 442.38g / .13gal GT1510 Low VOC Flat Clear 2157.21g / .49gal	
PC-14	PAINTED COATING	POWDER COAT	DD ORANGE FINISH	COLOR MATCH PMS 165C	
	NOT USED	SHERWIN WILLIAMS	DD ORANGE FINISH		
	NOT USED	POWDER COAT			

**EXTERIOR METAL PAINTED COATINGS**



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EMAIL: JAMES@SMITHARCHITECTS.NET



NO	DESCRIPTION	BY	DATE
1	INITIAL ISSUE	NO	08/13/23

JOB LOCATION:  
**CAMBRIDGE, MA**  
655 MASS. AVENUE

MASTER FINISH SCHEDULE

CONSTRUCTION: REMODEL  
IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

SHEET  
**GN-2.4**

JOB#: D23033  
DATE: 08/13/23  
PC#: 364942  
C.M.: MARK DONAHOE

EXTERIOR METAL TRIM					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
TR-01	METAL	TAMLYN	EXTRUDED METAL CHANNEL USED AT TOWER ELEMENT	PINK ACCENT BAND SEE SF03 (PINK)	TAMLYN - XTREME TRIM IAN DANIELS 713-446-3075; idaniels@tamlyn.com  OR HORACIO'S 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	TAMLYN	EXTRUDED METAL CHANNEL USED AT TOWER ELEMENT	OFF WHITE ACCENT BAND SEE SF04 (WHITE)	TAMLYN - XTREME TRIM IAN DANIELS 713-446-3075; idaniels@tamlyn.com
	METAL	HORACIO			
	METAL	AGI			
TR-03	NOT USED				
TR-04	METAL	TAMLYN	(XOCLP34) OUTSIDE CORNER TRIM. USED AT TOWER ELEMENT	TO MATCH FIBER CEMENT LAP SIDING PS-03	TAMLYN - XTREME TRIM IAN DANIELS 713-446-3075; idaniels@tamlyn.com
TR-05	METAL	TAMLYN	(XS516) BOTTOM "STARTER" TRIM. USED AT TOWER ELEMENT	CLEAR ANODIZED	
TR-06	METAL	TAMLYN	(JMH34) VERTICAL TERMINATION TRIM-TYP. USED AT TOWER ELEMENT	FACTORY FINISH TO MATCH FIBER CEMENT LAP SIDING PS-03	
TR-07	METAL	TAMLYN	(JMH716) TOP TRIM USED AT TOWER ELEMENT	FACTORY FINISH TO MATCH FIBER CEMENT LAP SIDING PS-03	JEFF HARVEY 774-287-6278 JEFFERY.HARVEY@JAMESHARDIE.COM
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	
TR-12	NOT USED				

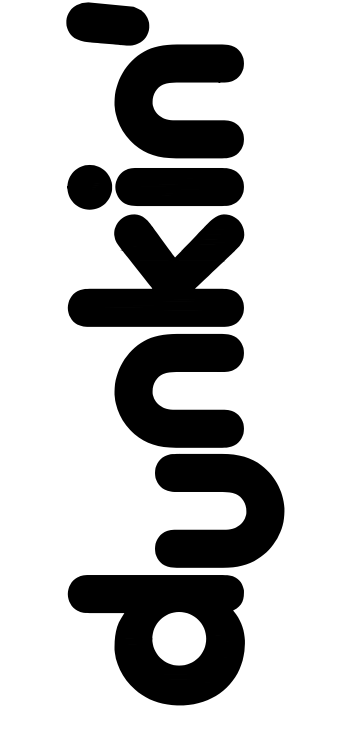
EXTERIOR METAL TRIM

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 - KEMILITE COMPOSITES VENDOR CONTACT: JEFF TOLLE P: 1-800-435-0080 OR 1-815-467-8600 OR 1-815-274-9125 (DIRECT) C: 330-260-7627 SALES@CRANE.COMPOSITES.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	NOT USED				
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 - KEMILITE COMPOSITES VENDOR CONTACT: JEFF TOLLE P: 1-800-435-0080 OR 1-815-467-8600 OR 1-815-274-9125 (DIRECT) C: 330-260-7627 SALES@CRANE.COMPOSITES.COM
FRP-03 (W)	FIBERGLASS REINFORCED PANELS	CRANE COMPOSITES	COLOR: 113DWP 4' X 8' PART # 113 DWP8 OR 4' X 10' PART # 113 DWP10	WARM PALETTE - APPROVED FOR BACK LINE WALL IN NEW AND REMODEL RESTAURANTS.	
FRP-03 ALT	NOT USED				
MILLWORK INTERIOR SOLID SURFACE					
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
SS-01 (W)	SOLID SURFACE	LG HI-MACS	CUSTOM COLOR: WALLOWA FINISH: POLISHED	WARM PALETTE (HANDOFF BAKERY AND TAPS)	
SS-02	SOLID SURFACE	LG HI-MACS	M608 AURORA GREY	COMBO ONLY - COOL PALETTE FRONT COUNTER TOPS	
SS-03	NOT USED				
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-01 (W)	NOT USED				
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
		FORMICA	ALTERNATE: M2022-99 BRUSHED ALUMINUM DECO METAL FINISH 1500 - 60 "GRAY" MATTE FINISH		
PL-04 (C)	LAMINATE	WILSONART	D427-60 "LINEN" MATTE FINISH	WARM PALETTE OR REMODEL USE ONLY - WHEN KEEPING EXISTING 2015 IMAGE FLOOR TILE (TAN COLOR).	
PL-04 (W)	LAMINATE	WILSONART	D427-60 "LINEN" MATTE FINISH	WARM PALETTE OR REMODEL USE ONLY - WHEN KEEPING EXISTING 2015 IMAGE FLOOR TILE (TAN COLOR).	
PL-05	LAMINATE	FORMICA	469-58 BRITE WHITE MATTE FINISH		
PL-06 (C)	LAMINATE	WILSONART	4783 - 60 "WHITE TIGRIS"	MILLWORK TABLE TOPS	
PL-06 (W)	LAMINATE	WILSONART	4841 - 60 "DESERT ZEPHYR"	WARM PALETTE OR REMODEL USE ONLY - WHEN KEEPING EXISTING 2015 IMAGE FLOOR TILE (TAN COLOR). MILLWORK TABLE TOPS	
PL-07	LAMINATE	FORMICA	BLACK LAMINATE		
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	
PL-10 (W)	LAMINATE	FORMICA	5884 "CHESTNUT WOODLINE" MATTE FINISH (SAME AS WP-PL2(W))	KNEE WALL WARM PALETTE OR REMODEL USE ONLY - WHEN KEEPING EXISTING 2015 IMAGE FLOOR	
PL-11	LAMINATE	WILSONART	17005K-57	COMBO ONLY - COOL PALETTE MORRIS OAK ALINED TEXTURE MILLWORK FRONT	
THIN BRICK					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
BR-01	NOT USED				
BR-02	THIN BRICK	ENDICOTT BRICK		ENDICOTT BRICK (CREATIVE MATERIALS PRODUCT) (WWW.ENDICOTT.COM) SPEC: SWS THIN BRICK SIZE: MODULAR - 2 1/2" X 7 5/8" X 1/2" THICK INSTALLATION: USE TYPICAL TYPE S MORTAR TO INSTALL WITH A COLOR ADDITIVE TO MATCH THE BRICK FOR THE GROUT.	CONTACT INFORMATION PHONE: 800.207.2967 EXT. 3865 (DUNK) FAX: 518-452-9153 EMAIL: DUNKINTILE@CREATIVEMATERIALSCORP.COM
BR-03	NOT USED				

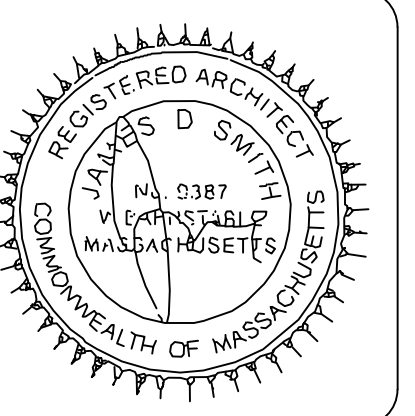
MILLWORK INTERIOR SOLID

MILLWORK LAMINATES

THIN BRICK



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NO	DESCRIPTION	BY	DATE
	INITIAL ISSUE	NCM	08/13/23

JOB LOCATION:  
**CAMBRIDGE, MA**  
655 MASS. AVENUE

MASTER FINISH SCHEDULE

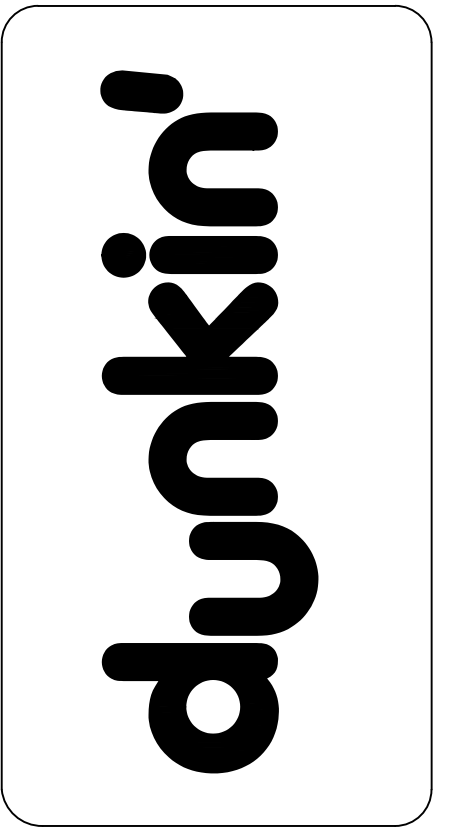
CONSTRUCTION: REMODEL  
IMAGE TYPE: NEXT GEN OMNI  
COOL PALETTE

SHEET  
**GN-2.5**

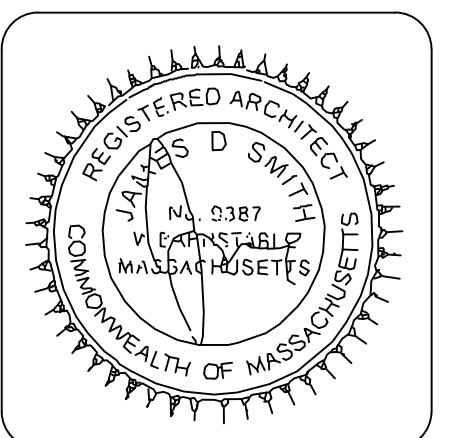
JOB#: D23033  
DATE: 08/13/23  
PC#: 364942  
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		METAL					
		CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
METAL		MT-01	METAL		STAINLESS STEEL - #4 FINISH	FABRICATED ITEMS	
		MT-02	NOT USED				
		ALTERNATE INTERIOR FLOOR FINISH					
		CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
EPOXY FLOOR		EXP-01	EPOXY FLOOR	STONHARD EPOXY	STONSHIELD HRI MEDIUM TEXTURE COLOR: GLACIER	APPROVED FOR BEHIND POS FRONT LINE AND KITCHEN AREAS ONLY.	STONHARD EPOXY SCOTT GARSTKA 413-237-9267; sgarstka@stonhard.com
			ALTERNATE INTERIOR FLOOR FINISH				
		CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
ACOUSTICAL PANELS		AP-01	REVERB TILE	NEW ENGLAND SOUND PROOFING	TRADITIONAL SERIES	ACOUSTICAL CEILING TILE TO BE USED @ OPEN CEILING APPLICATION	NEW ENGLAND SOUND PROOFING 40 NORFOLK AVENUE, EASTON MA, 02375 PHONE: 781-710-1261



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REVISIONS		NO	DESCRIPTION	BY	DATE
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JOB LOCATION:  
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MASTER FINISH SCHEDULE

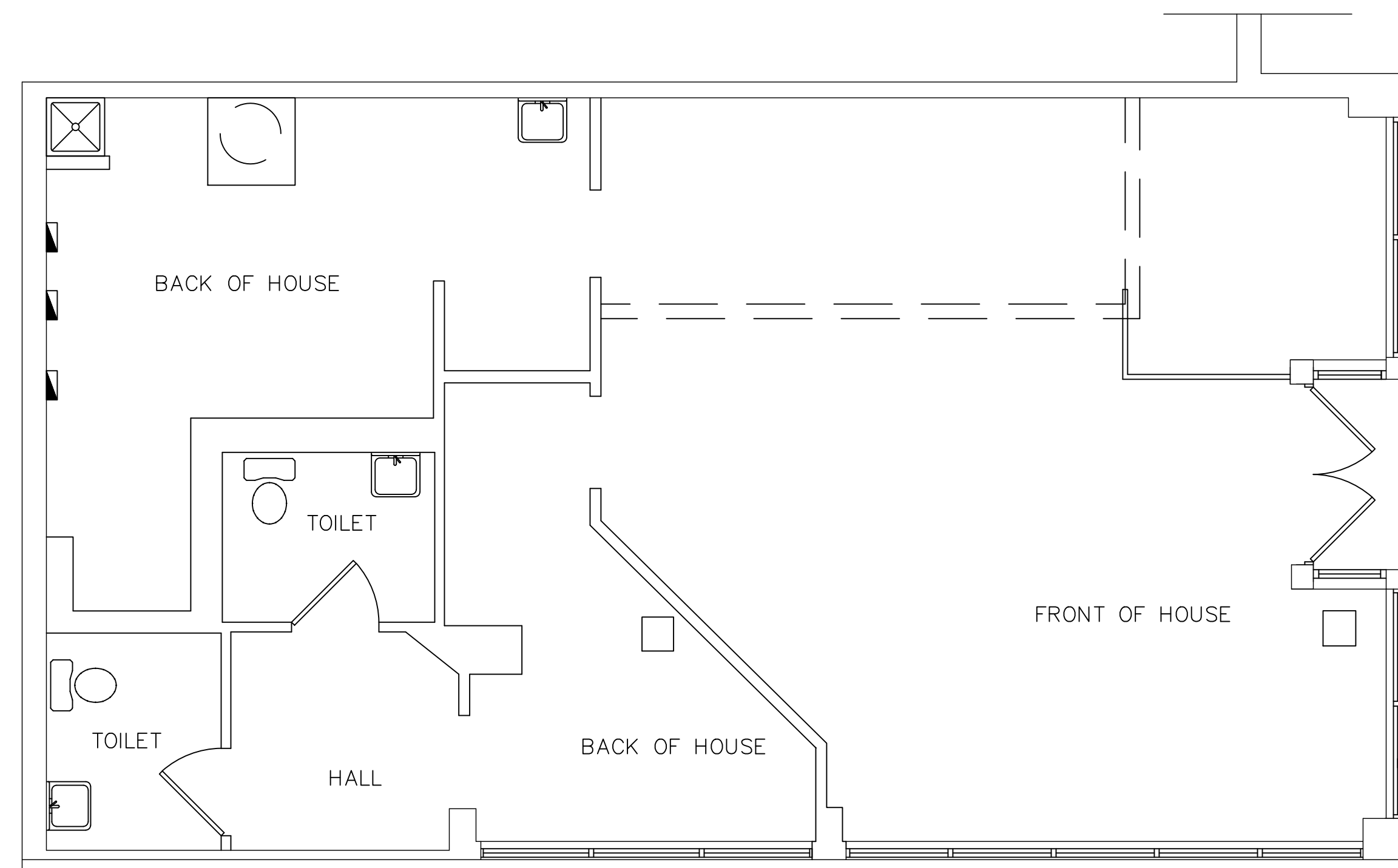
CONSTRUCTION: REMODEL      IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

- GENERAL NOTES:
1. NEW & REMODEL STORES HAVE THE OPTION OF A COOL OR WARM PALETTE FOR INTERIOR FINISHES
  2. CODE SUFFIX (C) = COOL PALETTE FINISHES
  3. CODE SUFFIX (W) = WARM PALETTE OR REMODEL FINISHES WHEN KEEPING 2015 IMAGE FLOOR TILE
  4. CODE SUFFIX (E) = EXISTING
  5. FINISHES WITHOUT SUFFIX ARE UNIVERSAL TO THE COOL & WARM PALETTE
  6. REMODEL STORES KEEPING EXISTING 2015 IMAGE FLOOR TILE (TAN COLOR) SHALL ONLY USE THE WARM PALETTE

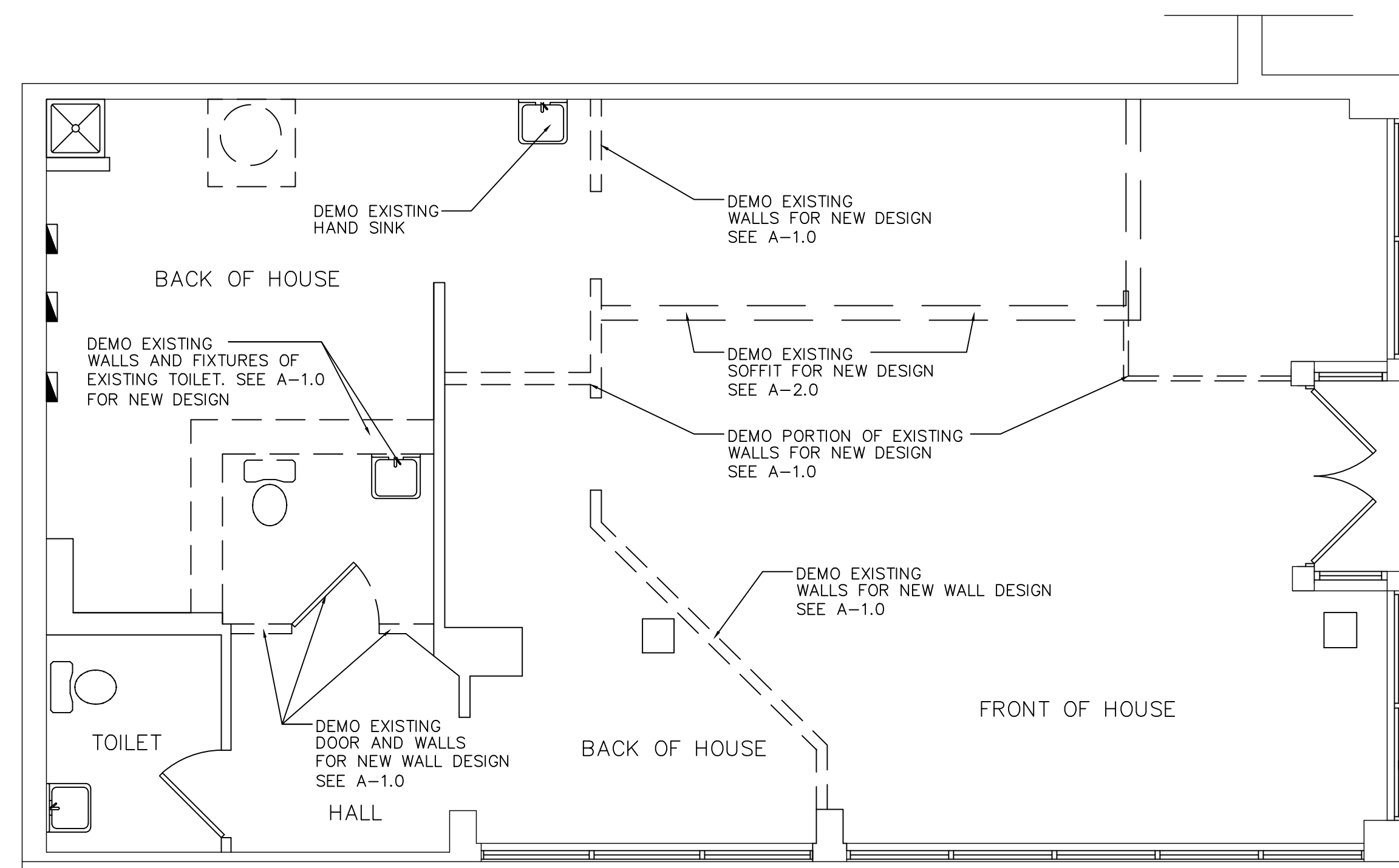
SHEET  
**GN-2.6**

JOB#: D23033  
 DATE: 08/13/23  
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AS-BUILT FLOOR PLAN  
SCALE: 1/4" = 1'-0"



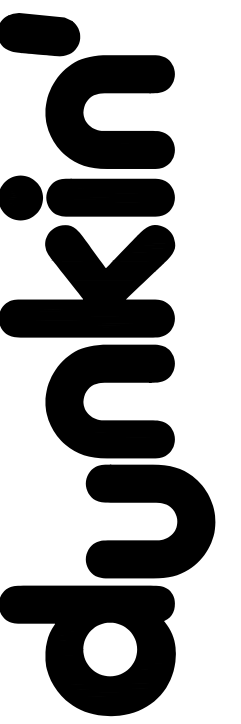
DEMO PLAN  
SCALE: 1/4" = 1'-0"

**GENERAL NOTES:**

- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN FIELD PRIOR TO DEMOLITION AND NOTIFY THIS OFFICE IN CASE OF DISCREPANCIES ASAP. DEMOLITION IS TO BE EXECUTED SO AS NOT TO DISTURB EXISTING STRUCTURAL AND ROOFING SYSTEMS, AND OTHER AREAS THAT ARE INTENDED TO REMAIN INTACT. VERIFY ALL CONSTRUCTION TO BE REMOVED THAT IS NOT INTEGRAL TO STRUCTURAL SYSTEM PRIOR TO DEMOLITION.
- ALL DIMENSIONS SHOWN AS EXISTING SHOULD BE FIELD VERIFIED BY CONTRACTOR PRIOR TO DEMOLITION. VERIFY ALL DEMOLITION WORK WITH NEW CONSTRUCTION AND INSTALLATION DRAWINGS PRIOR TO BEGINNING CONSTRUCTION.
- DEMOLITION CONTRACTOR TO COORDINATE AND REVIEW ALL CONSTRUCTION DOCUMENTS AND DETERMINE THE EXTENT OF DEMOLITION WORK AND BECOME FAMILIAR WITH THEM THOROUGHLY BEFORE PERFORMING ANY DEMOLITION BY THE ACT OF STARTING DEMOLITION. THE CONTRACTOR WILL BE DEEMED TO HAVE COMPLIED WITH THE FOREGOING, TO HAVE ACCEPTED SUCH CONDITIONS, AND TO HAVE MADE THE NECESSARY ALLOWANCES IN PREPARING HIS BID.
- VERIFY DISPOSITION OF ALL FURNISHINGS, MILLWORK, LIGHTING FIXTURES, EQUIPMENT, ETC. TO BE REMOVED WITH OWNER AND/OR LANDLORD. ALL ITEMS TO BE DISPOSED SHALL BE DISPOSED OFF-SITE AND IN AN EXPEDITIOUS MANNER.
- WHEN UTILITIES ARE REMOVED, CAP AND SEAL A MINIMUM OF 6" ABOVE FINISH CEILING.
- SAWCUT AND REMOVE EXISTING SLABS AS REQUIRED FOR UNDERGROUND ELECTRICAL AND PLUMBING LINES. ALL CONCRETE FLOOR WORK TO BE FINISHED FLUSH WITH EXISTING FLOOR. REPLACE OR REPAIR ANY VAPOR BARRIERS DISTURBED DURING EXCAVATIONS. VERIFY EXTENT OF WORK WITH KITCHEN EQUIPMENT MANUFACTURER.
- CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING AS REQUIRED TO MAINTAIN STRUCTURAL STABILITY OF THE EXISTING STRUCTURE DURING ALL PHASES OF CONSTRUCTION.
- PROTECT FROM DAMAGE DURING CONSTRUCTION ALL EXISTING WALLS, FLOORS, CEILINGS, ETC. THAT ARE TO REMAIN. CONTRACTOR TO PATCH AND REPAIR ANY DAMAGED PORTIONS OF THE EXISTING BUILDING AS REQUIRED TO MATCH THE EXISTING ADJACENT CONSTRUCTION AND FINISHES.
- THIS PLAN INDICATES A GENERAL SCOPE OF WORK TO BE PERFORMED AND DOES NOT RELIEVE THE CONTRACTOR TO COMPLETE THE BUILDING MODIFICATIONS AS SHOWN AND REQUIRED BY THE CONTRACT DOCUMENTS, INCLUDING BUT NOT LIMITED TO PLUMBING, ELECTRICAL AND HVAC WORK.
- IF CONTRACTOR ENCOUNTERS ANY HAZARDOUS MATERIALS DURING DEMOLITION OR CONSTRUCTION, HE SHALL IMMEDIATELY SUSPEND WORK AND NOTIFY THE PIZZA HUT CONSTRUCTION MANAGER BEFORE PROCEEDING.
- ALL DEMOLITION SHALL BE CARRIED OUT IN A SAFE MANNER AND IN STRICT ACCORDANCE WITH LOCAL REGULATIONS.
- THE SUB-CONTRACTOR SHALL FIELD VERIFY THE EXTENT OF DEMOLITION. THE WORK INCLUDES, BUT IS NOT LIMITED TO THE DEMOLITION AND REMOVAL OF ANY WALLS, COUNTERS, FURNITURE, BULKHEADS, DOORS, PLUMBING, MECHANICAL AND ELECTRICAL ITEMS INCLUDING CONDUITS AND DUCTWORK AS SHOWN ON THE DRAWINGS OR AS REQUIRED TO COMPLETE THE INSTALLATION OF THE NEW WORK FOR A COMPLETE JOB.
- REMOVE ANY SINKS, WATER CLOSETS, URINALS, LAVATORIES, FLOOR DRAINS, NOTED ON DRAWINGS AS WELL AS ALL ASSOCIATED PLUMBING ACCESSORIES. CAP, PLUG ALL ABANDONED SUPPLY AND WASTE LINES. PATCH AND SEAL ALL FLOOR PENETRATIONS.
- ALL DEVICES REMOVED DURING DEMOLITION SHALL HAVE ALL ASSOCIATED CONDUIT, WIRING, AND CONTROLS REMOVED BACK TO SOURCE OR NEXT DEVICE THAT REMAINS.
- RE-FEED ANY ELECTRICAL DEVICE OR ITEM THAT IS EXISTING TO REMAIN WHOSE WIRING IS INTERRUPTED DUE TO RENOVATION IN ADJACENT AREA.
- ANY ELECTRICAL DEVICE THAT IS TO REMAIN THAT IS LOCATED ON OR IN A WALL OR CEILING BEING REMOVED SHALL BE RELOCATED AS DIRECTED BY G.C. IN FIELD AND RECONNECTED AS REQUIRED.

**DEMOLITION NOTES**

- DEMO EXISTING CEILING GRID/ TILES. NEW CEILING PER REFLECTED CEILING PLAN SHEET A-2.0.
- NEW LED LIGHT FIXTURES. SEE CEILING PLAN A-2.0.
- NOT USED
- GC TO OBTAIN ALL CONSTRUCTION MATERIALS IN ADVANCE AND STORE WITHIN ONSITE STORAGE UNIT. MATERIALS WITHIN STORAGE UNIT ARE TO BE PACKED AND STAGED ACCORDING TO SEQUENCE OF PROJECT TO FACILITATE LOADING JOB.
- 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.
- 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.
- NOT USED
- GC TO COORDINATE PERMIT, APPROVALS, AND LOCATION OF DUMPSTER AND STORAGE UNIT PRIOR TO STORE CLOSING.
- BACK OF HOUSE TO BE THOROUGHLY CLEANED INCLUDING ALL WALLS, FLOORS, RACKS, ETC.
- CONSULT OWNER TO REPLACE TOILET FIXTURES. SEE PLUMBING PLAN P-1 FOR RESTROOM EQUIPMENT SCHEDULE.
- REMOVE ALL EXISTING BUILDING SIGNS. SEE EXTERIOR ELEVATION SHEET FOR NEW SIGNS. SIGN VENDOR TO APPLY FOR PERMITS.
- NOT USED
- NEW GYP. BOARD CEILING IN TOILET. PAINT CEILING. NEW LED LIGHT FIXTURES. NEW MOTION SENSORS. SEE CEILING PLAN A-2.0.
- NEW FLOOR TILE IN SALES/SERVICE/HALL/TOILET AREAS.
- ADD NEW VEHICLE CLEARANCE BAR. SEE EXTERIOR DETAIL SHEET A-5.1.
- NOT USED
- NOT USED
- REMOVE EXISTING WALL FINISHES. ALL NEW WALL FINISHES. SEE INTERIOR ELEVATIONS A-8.0/8.1.
- REPAIR ANY DAMAGED ASPHALT. RE-SEAL/RE-STRIP PARKING AS REQUIRED. UPDATE SITE LIGHTING TO LED. CONSULT OWNER.
- ALL EXISTING CAMERAS/EMERGENCY FIXTURES TO REMAIN. DISCONNECT AS REQUIRED. RELOCATE CAMERAS & RE-WIRE SPEAKERS AS REQUIRED.
- NEW BACKLINE SOFFIT. NEW SOFFIT LIGHT FIXTURES PER CEILING PLAN A-2.0.
- NEW CHAIR RAIL PER INTERIOR ELEVATIONS.
- G.C. TO REPLACE/REPAIR ANY DAMAGED STORE FRONT, WOOD SIDING, GUTTERS ETC.
- REPLACE/REPAIR ANY DAMAGED DOORS.
- ALL SITE LIGHTS & SIGN PLOES TO BE RE-PAINTED. REPLACE/REPAIR NON-WORKING LIGHT FIXTURES.
- REPLACE/REPAIR ANY DAMAGED STORE FRONT FRAMES/PANELS.
- G.C. TO PROVIDE NEW CONCRETE PAD AT DRIVE-THRU MENU BOARD.
- ALL SALES AREA CEILING FIXTURES INCLUDING SPEAKERS, DIFFUSERS ETC. TO BE PAINTED BLACK TO MATCH NEW CEILING TILE/GRID.



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1	INITIAL ISSUE	INOM	08/13/23

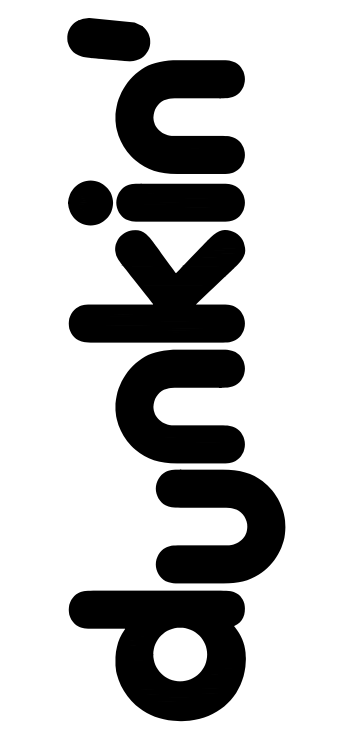
JOB LOCATION:  
**CAMBRIDGE, MA**  
655 MASS. AVENUE

AS-BUILT & DEMO FLOOR PLAN

CONSTRUCTION: REMODEL  
IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

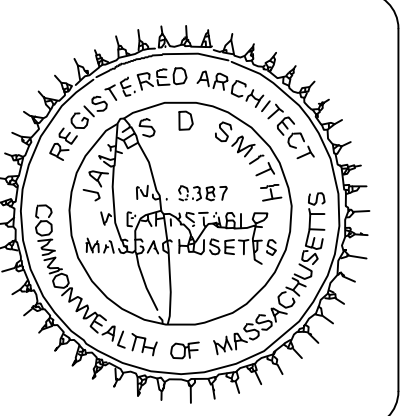
SHEET  
**AB-1.0**

JOB#: D23033  
DATE: 08/13/23  
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C.M.: MARK DONAHOE



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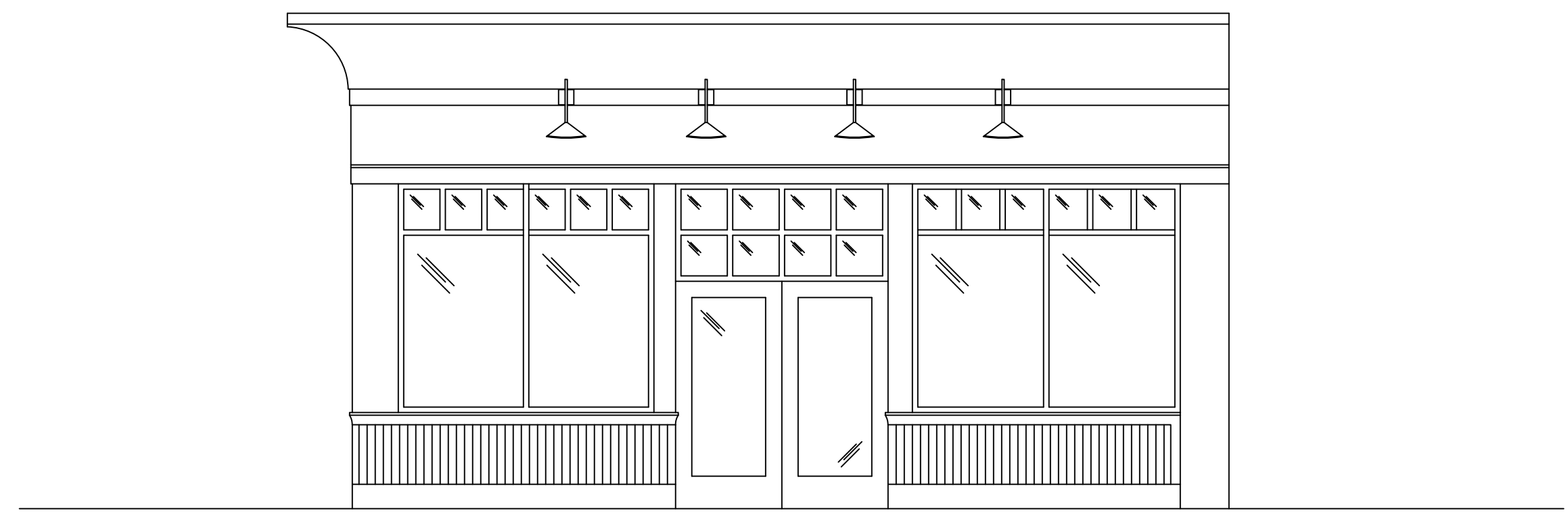
JOB LOCATION:  
**CAMBRIDGE, MA**  
655 MASS. AVENUE

**AS-BUILT ELEVATIONS**

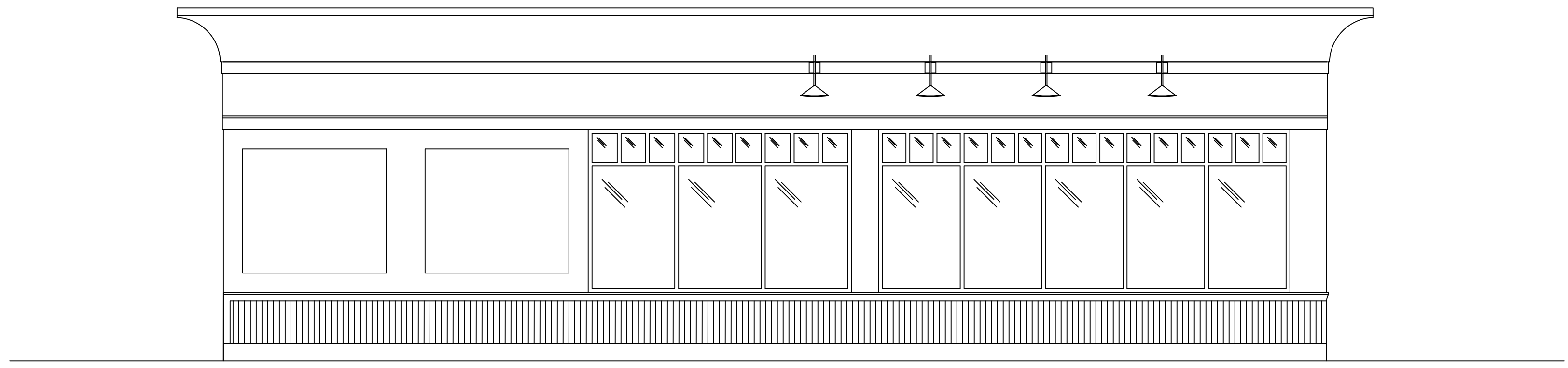
CONSTRUCTION:REMODEL      IMAGE TYPE: NEXT GEN OMNI  
COOL PALETTE

SHEET  
**AB-2.0**

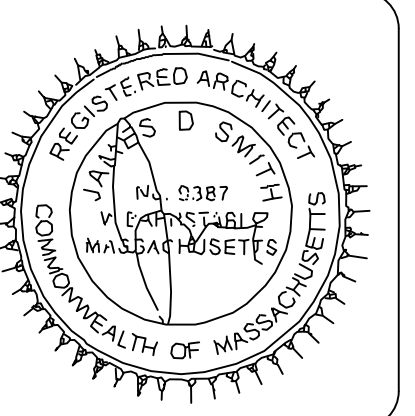
JOB#: D23033  
DATE: 08/13/23  
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FRONT ELEVATION  
SCALE: 1/4" = 1'-0"

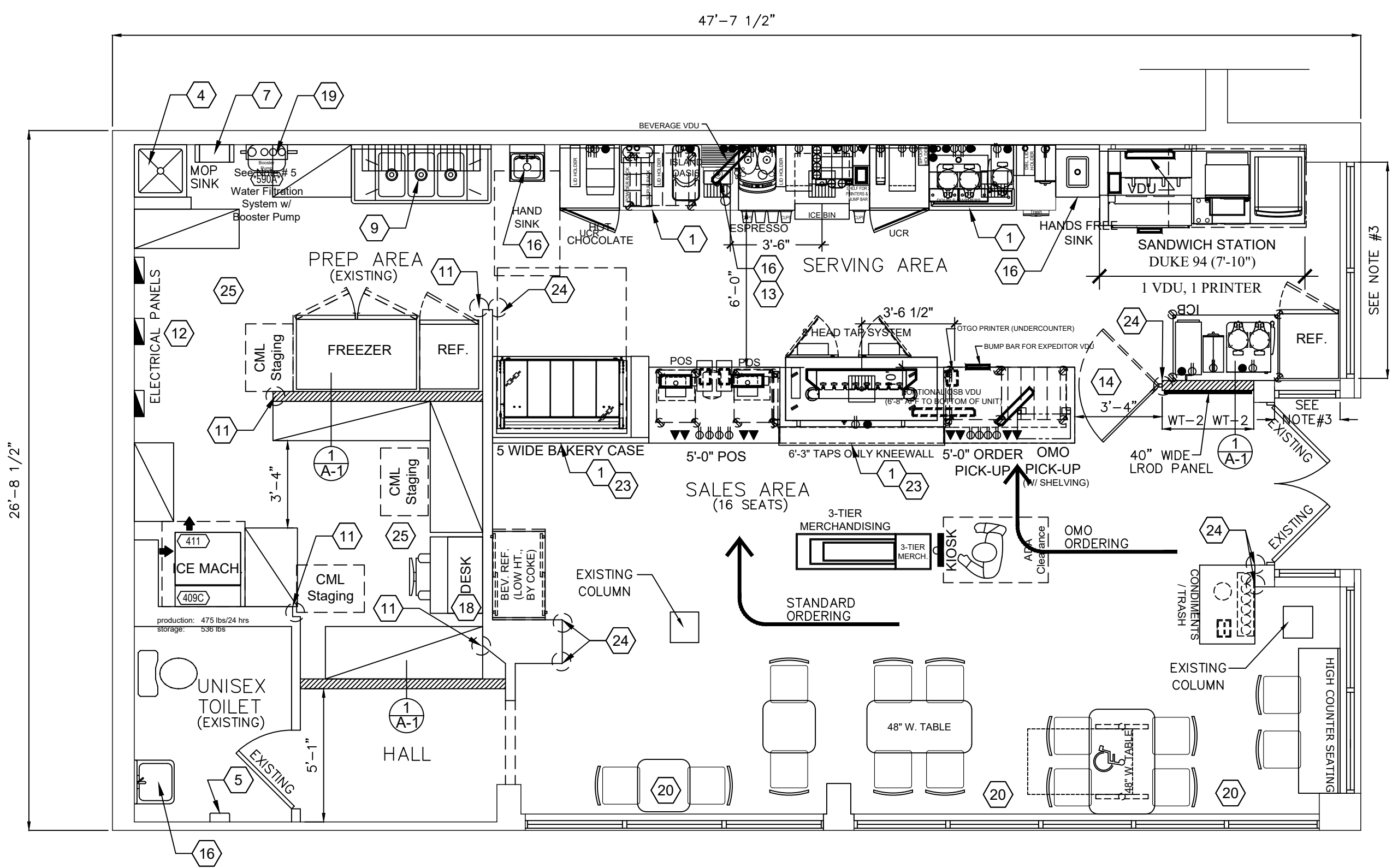


LEFT SIDE ELEVATION  
SCALE: 1/4" = 1'-0"



NO.	DESCRIPTION	BY	DATE
1	INITIAL ISSUE	INOM	08/13/23

JOB LOCATION: <b>CAMBRIDGE, MA</b> 655 MASS. AVENUE	<b>FLOOR PLAN</b>	IMAGE TYPE: NEXT GEN OMNI PALETTE
CONSTRUCTION: REMODEL		

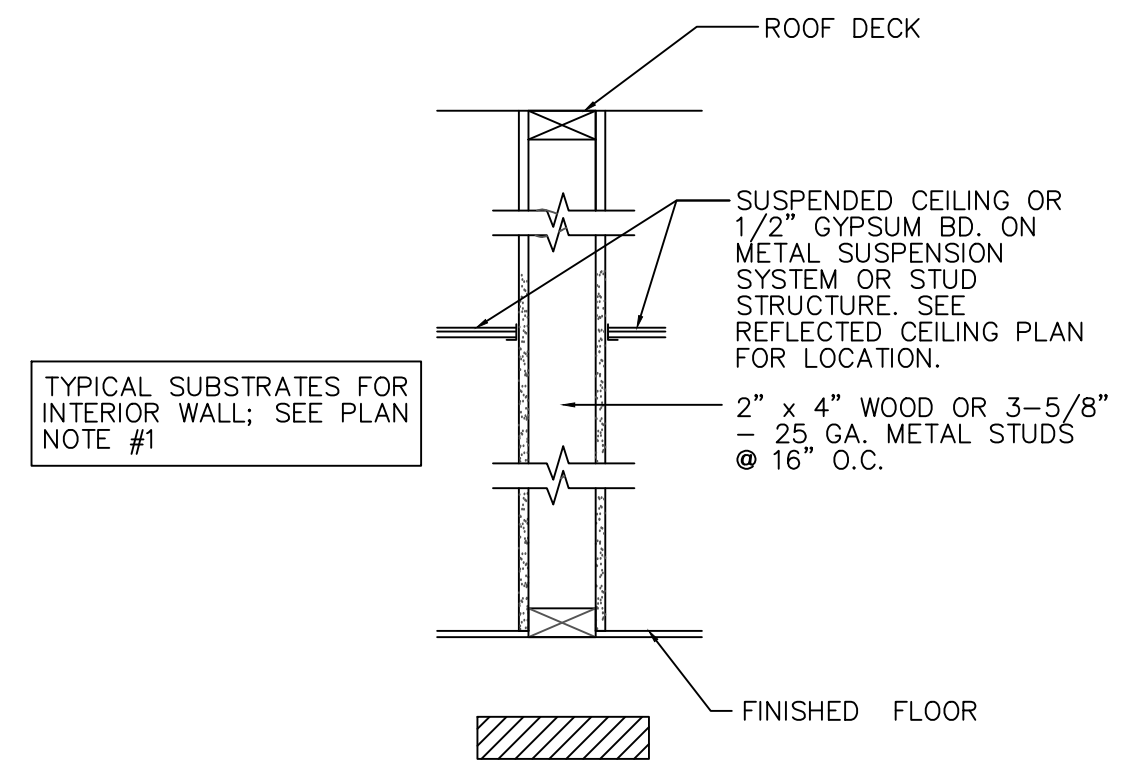


**FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



- = OPTIONAL OSB VDU
- = VIDEO DISPLAY UNIT
- = D/T MONITOR
- = PRINTER
- = PRINTER UNDERCOUNTER
- = FLOOR SINK
- = ELECTRICAL DUPLEX OUTLET
- = ELECTRICAL SINGLE OUTLET
- = SURFACE MOUNTED PLUMBING
- = RECESSED TECHNOLOGY

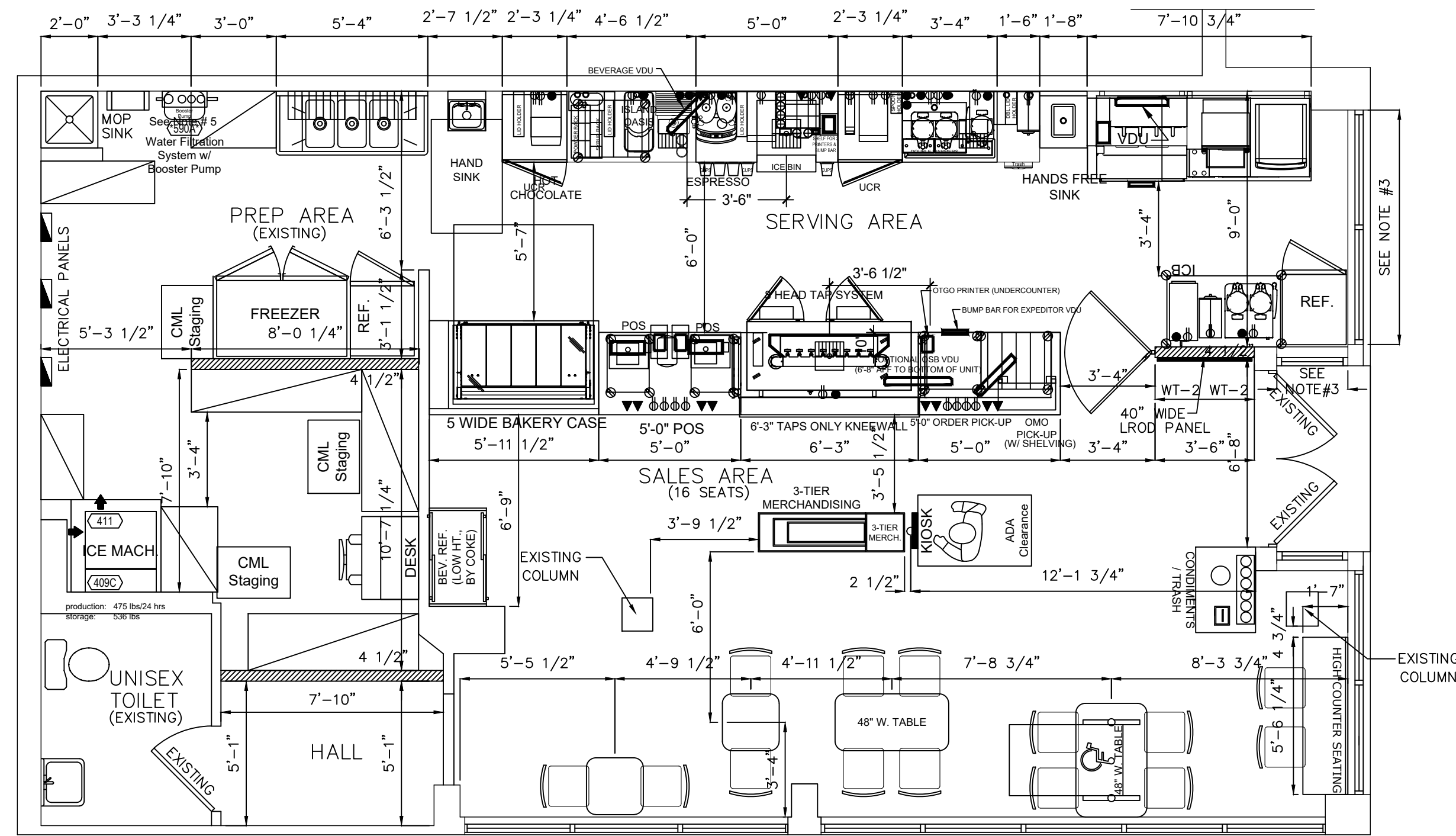
- NOTES:**
- FRANCHISEE'S ARCHITECT SHALL ENSURE 40" MINIMUM CLEAR ACCESS INTO AND THROUGHOUT THE STORE FOR DELIVERY OF LARGE EQUIPMENT ITEMS.
  - FRANCHISEE'S ARCHITECT TO VERIFY COMPLIANCE WITH APPLICABLE ADA AND CODE REQUIREMENTS FOR RESTROOM(S) AND ENTRANCE(S).
  - WINDOW(S) TO BE IN-FILLED, TINTED, OR BLOCKED OUT WITH APPROVED DBI WINDOW GRAPHICS.



**1 WALL DETAIL**  
SCALE: NOT TO SCALE

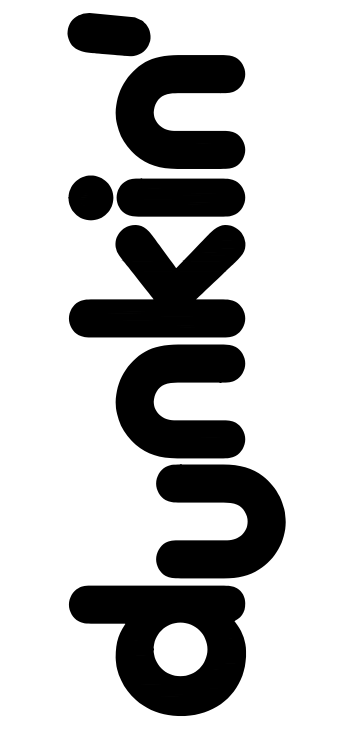
- PLAN NOTES:**
- CASEWORK BY OTHERS.
  - EXISTING BUMP-OUT DRIVE-THRU WINDOW.
  - EXISTING ROOF LADDER - PROVIDE DEDICATED WATER SUPPLY FOR P&G DISPENSER (SEE NATIONAL ACCOUNTS), P&G EQUIPMENT INSTALLED BY VENDOR.
  - EXISTING JANITOR'S SINK - REFER TO NATIONAL ACCOUNTS, V.I.F. THE BEST LOCATION
  - NEW SURFACE MOUNTED HAND DRYER W/ DBI BRANDING AND SUSTAINABILITY MESSAGE; REFER TO NATIONAL ACCOUNTS, V.I.F. THE BEST LOCATION
  - P.O.S. GUTLET BOX (48" A.F.F.) WITH 1/2" CONDUIT W/ PULL STRING TO CEILING.
  - RINAI HOT WATER HEATER.
  - EXISTING BOLLARD - REFER TO NATIONAL ACCOUNTS FOR NEW BOLLARD COVER INFORMATION.
  - NEW 3 COMPARTMENT SINK W/ 2 INTEGRATED DRAIN BOARDS - PROVIDE DEDICATED WATER SUPPLY FOR P&G DISPENSER (SEE NATIONAL ACCOUNTS), P&G EQUIPMENT INSTALLED BY VENDOR.
  - EXISTING 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.
  - HAND SINKS ARE REQUIRED WITHIN A 25 FT. RADIUS OF ALL WORK STATIONS IN SERVICE AND PREP AREAS (OR PER LOCAL CODE IF MORE STRINGENT).
  - SWING GATE BY MILLWORK VENDOR.
  - EXISTING ELECTRICAL METER, V.I.F. LOCATION
  - PROVIDE DIRECT LINE W/ TEMPERATURE REGULATOR VALVE FROM HWH TO ALL HAND WASHING SINKS.
  - LINE-OF-ORANGE METAL GANGPY-OVER ENTRANCE.
  - G.C. TO PROVIDE ANCHOR BOLTS FOR SLAB MOUNTED SAFE IN OFFICE- REFER TO SPECIFICATIONS TO BE PROVIDED BY FRANCHISEE.
  - NEW WATER FILTRATION SYSTEM (BRANCH OFF MAIN LINE) FOR COFFEE BREWING EQUIPMENT, BEVERAGE MACHINES, ETC. AND BOOSTER PUMP (OPTIONAL).
  - WINDOW SHADE; SEE CONSTRUCTION SPECIFICATIONS ON GN-1.5 AND NATIONAL ACCOUNTS SUPPLIER ON THE EXTRANET.
  - GORE DRILL - REFER TO NEXT GENERATION PROTOTYPE SET FOR ADDITIONAL INFO.
  - LINE-OF-ORANGE METAL GANGPY-OVER DRIVE-THRU WINDOW.
  - 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.
  - NEW WALL FINISHES IN OFFICE AND PREP/STORAGE AREAS, TYP. SEE INTERIOR ELEV. FOR DETAILS.

- GENERAL NOTES**
- TYPICAL SUBSTRATES FOR NEW 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 BOARD @ 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.
  - REFER TO NEXT GENERATION PROTOTYPE SET FOR DOOR SCHEDULE AND DOOR & FRAME TYPES.
  - THESE PLANS ARE CONSIDERED MINIMUM DUNKIN' BRANDS CORPORATE DESIGN REQUIREMENTS. ANY STRUCTURAL DESIGN, REQUIRED ADA COMPLIANCE AND GENERAL BUILDING REQUIREMENTS MUST BE EVALUATED AND CERTIFIED BY AN ARCHITECT REGISTERED IN THE STATE WHERE THIS STRUCTURE IS TO BE BUILT.
  - THE FOLLOWING SITE ELEMENTS SHALL BE UPGRADED TO THE NEXT GENERATION IMAGE AS APPLICABLE:  
- HEIGHT RESTRICTION BAR  
- MENU BOARD/ ORDER CANOPY  
- DIRECTIONAL SIGNS  
- PYLON/ MONUMENT SIGN  
- NEW BOLLARD AT DRIVE-THRU MENU BOARD. (SEE BOLLARD DETAIL ON SHEET A-5.2)
  - PROVIDE FIRE EXTINGUISHERS, TYPE ABC, WALL HUNG, TOP @ 5'-0" A.F.F. (BY G.C.). - NUMBER AND LOCATION AS DETERMINED BY LOCAL CODE
  - LAYOUT NOTES:  
A. ARCHITECT & G.C. TO ENSURE 40" MINIMUM CLEAR ACCESS INTO AND THROUGHOUT THE STORE FOR DELIVERY OF LARGE EQUIPMENT ITEMS.  
B. FRANCHISEE'S ARCHITECT TO VERIFY COMPLIANCE WITH APPLICABLE ADA AND CODE REQUIREMENTS FOR RESTROOM(S) AND ENTRANCE(S).  
C. FRANCHISEE'S ARCHITECT SHALL DETERMINE MENUBOARD SIZE AND CONFIGURATION BASED ON FIELD CONDITIONS AND MENU CHOICES.
  - 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. MATERIALS THAT ARE ABSORPTIVE SHOULD BE ELEVATED FROM THE GROUND AND COVERED WITH VISQUEEN WHILE STORED ON SITE.  
D. 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.  
E. 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.
  - EXISTING EMERGENCY FIXTURES, SECURITY CAMERAS TO REMAIN.
  - NEW MANDATORY WATER FILTRATION SYSTEM MOUNTED ON WALL. CONNECT EQUIPMENTS AS SHOWN ON SHEET P-3.0. OPTIONAL BOOSTER PUMP IS REQUIRED IF EXISTING WATER PRESSURE IS BELOW 65 PSI. EXACT LOCATION OF WATER FILTRATION SYSTEM TO BE DETERMINED BY GC/OWNER
  - G.C. TO PROVIDE NEW BOLLARDS IN FRONT OF STORE. INSTALL BOLLARDS 5'-0" O.C. SEE SITE PLAN (S-1.0) AND BOLLARD DETAIL ON SHEET A-5.2.



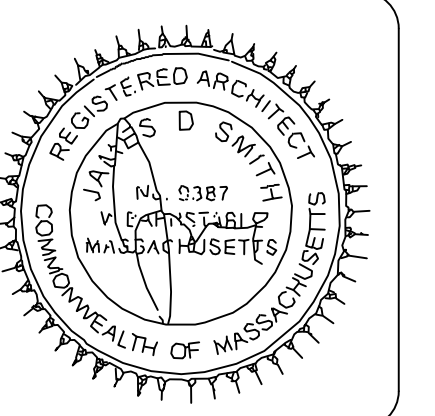
DIMENSION PLAN

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



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REVISIONS	
NO	DESCRIPTION
1	INITIAL ISSUE INCOM 08/13/23

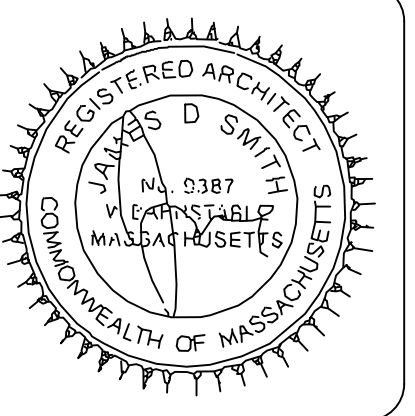
JOB LOCATION:  
**CAMBRIDGE, MA**  
655 MASS. AVENUE

**DIMENSION PLAN**

CONSTRUCTION: REMODEL    IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

SHEET  
**A-1.A**

JOB#: D23033  
DATE: 08/13/23  
PC#: 364942  
C.M.: MARK DONAHOE

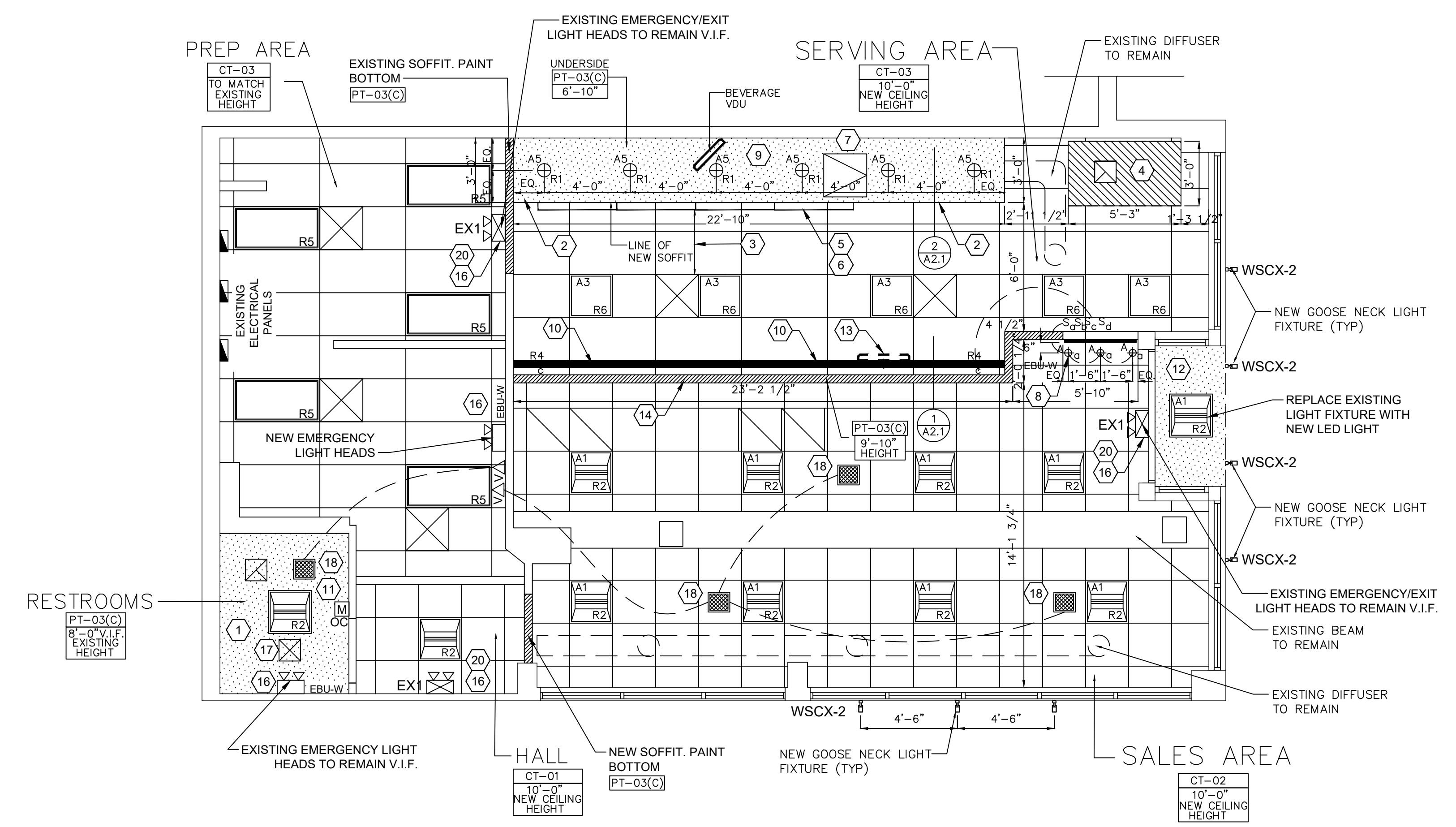


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1	INITIAL ISSUE	NGM	08/13/23

JOB LOCATION:  
**CAMBRIDGE, MA**  
 655 MASS. AVENUE

REFLECTED CEILING PLAN

CONSTRUCTION: REMODEL  
 IMAGE TYPE: NEXT GEN OMNI COOL PALETTE



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

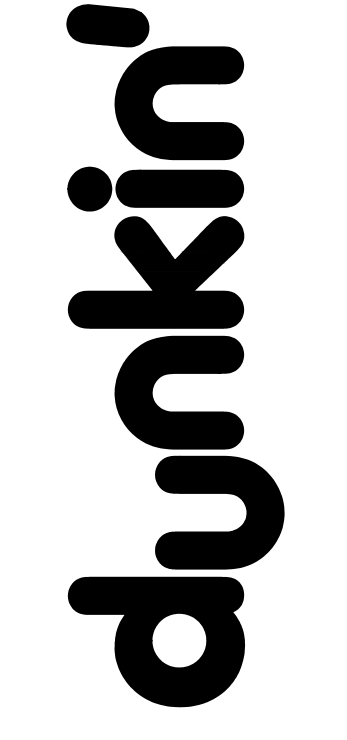
CEILING LEGEND:	
	2x4 LAY-IN LED LIGHT FIXTURE W/ LENS
	2x2 LAY-IN LED TROFFER LIGHT FIXTURE
	2x2 LAY-IN LED LIGHT FIXTURE W/ LENS
	LED-12/ LED-13/ LED-14 EXTERIOR LED TAPE LIGHT
	EXTERIOR RECESSED LIGHT FIXTURE
	LED RECESSED SOFFIT LIGHT FIXTURE
	ORANGE LIGHT BAR FIXTURE
	WALL WASH FIXTURE
	EXISTING WALL MTD EMERG LIGHT TO REMAIN.
	WALL MTD EMERG LIGHT/EXIT SIGN COMBO
	WALL MTD EXIT SIGN
	CEILING MOUNTED SPEAKER
	GYPSUM BOARD CEILING
	TRACK LIGHT
	2"x2" CEILING GRID SYSTEM
	2"x4" CEILING GRID SYSTEM
	12"x12" SUPPLY AIR DIFFUSER
	GOOSE NECK LIGHT FIXTURE (TYP.)
	WALL PACK
	WALL-MTD OCCUPANCY SENSOR (IN BOTH TOILETS & OFFICE)
	CEILING EXHAUST REGISTER
	24"x48" SUPPLY AIR DIFFUSER
	24"x48" RETURN AIR DIFFUSER
	SWITCH

**GENERAL NOTES:**

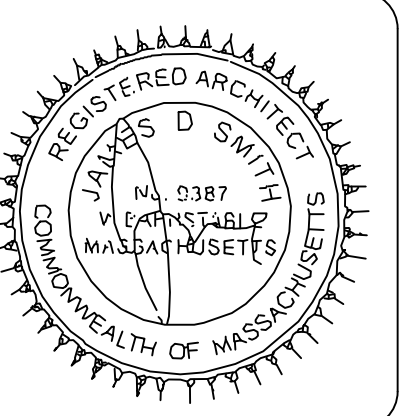
- ALL INTERIOR & EXTERIOR LIGHTING TO BE LED.
- EFFECTIVE LIGHTING CONTROLS STANDARD THROUGHOUT. OCCUPANCY SENSORS TO BE USED IN SPACES NOT ACTIVELY USED THROUGHOUT THE DAY (RESTROOMS, OFFICE, CONFERENCE ROOMS AND ETC.). INTEGRATE OCCUPANCY SENSORS IN SPACES NOT ACTIVELY USED THROUGHOUT THE DAY INCLUDING: RESTROOMS, OFFICE, WALK-IN BOX, CONFERENCE ROOMS & CLOSETS.
- REFER TO MASTER FINISH SCHEDULE FOR CEILING FINISHES.
- ACT CEILING IN SEATING/QUEUING VESTIBULE TO BE CT-02 "BLACK" CEILING TILE). ALL DEVICES (DIFFUSERS, RETURNS, SMOKE DETECTORS, ETC.) 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. ARCHITECTS TO FOLLOW ALL GUIDELINES LISTED BELOW.
  - MUSIC SYSTEM IS REQUIRED IN ALL NEW AND REMODEL STORES. ALL CEILING SPEAKERS TO BE FLUSH MOUNTED @ GYP. BOARD CLG. & ACT CLG. 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.

**PLAN NOTES:**

- NEW GYPSUM WALL BOARD CEILING. PAINT CEILING. REPLACE EXISTING TILES
- NEW BACKLINE SOFFIT. REFER TO INTERIOR ELEV. FOR PAINT FINISH.
- ARCHITECT TO ENSURE THAT ADEQUATE DISTANCE IS MAINTAINED BETWEEN DIGITAL MENU BOARDS AND OTHER OBSTRUCTIONS SUCH AS LIGHTS, SPRINKLER CAUSE UNWANTED GLARE. HEAT FROM TOASTER WILL LEAD TO SCREEN FAILURE. HEADS, CAMERAS, AND TOASTER/OVEN. 36" MIN. DISTANCE BETWEEN DMBs AND EACH OBSTRUCTION IS PREFERRED. LIGHTS PLACED TOO CLOSE TO DMB MAY CAUSE UNWANTED GLARE. HEAT FROM TOASTERS WILL LEAD TO SCREEN FAILURE
- NEW EXHAUST HOOD FOR SANDWICH STATION WITH ROOF FAN REQUIRED PER DBI STANDARDS.
- 4- 49" (DEFAULT SIZE) DIAGONAL BOARDS IS 176" L (14'-8") AND 26 1/2"H (2'-2 1/2")
- NEW DIGITAL MENU BOARDS ON NEW BACKLINE SOFFIT. CENTER WITH POS STATION AT FRONT LINE. PROVIDE ELECTRICAL CONNECTION AS REQUIRED.
- 24"x24" ACCESS PANEL
- 40" WIDE "LROD" PANEL ARTWORK - SEE INTERIOR ELEVATIONS
- NEW SOFFIT. GYPSUM BOARD CEILING
- CUSTOM LIGHT BAR, MOUNTED @8'-7" A.F.F., SEE DETAIL #1/ SHEET A-2.1
- GC TO INSTALL OCCUPANT SENSOR IN RESTROOMS/OFFICE AT 42" A.F.F. TIE EXISTING EXHAUST FAN AND LIGHT TO SENSOR.
- EXISTING GYPSUM WALL BOARD CEILING. PAINT CEILING
- G.C. TO PROVIDE BLOCKING AND TO INSTALL CEILING MOUNT POLE (PROVIDED BY VENDOR) FOR ORDER STATUS BOARD.
- FRONTLINE SOFFIT TO ALIGN WITH MILLWORK BELOW.
- NOT USED
- EXISTING EMERGENCY LIGHT TO REMAIN.
- GC TO PAINT EXISTING SUPPLY DIFFUSER CEILING FINISH COLOR.
- CEILING MOUNT SPEAKERS. PAINT WHITE COLOR IN RESTROOM AND BLACK IN SALES AREA.
- NOT USED
- EXISTING EXIT SIGNS TO REMAIN.



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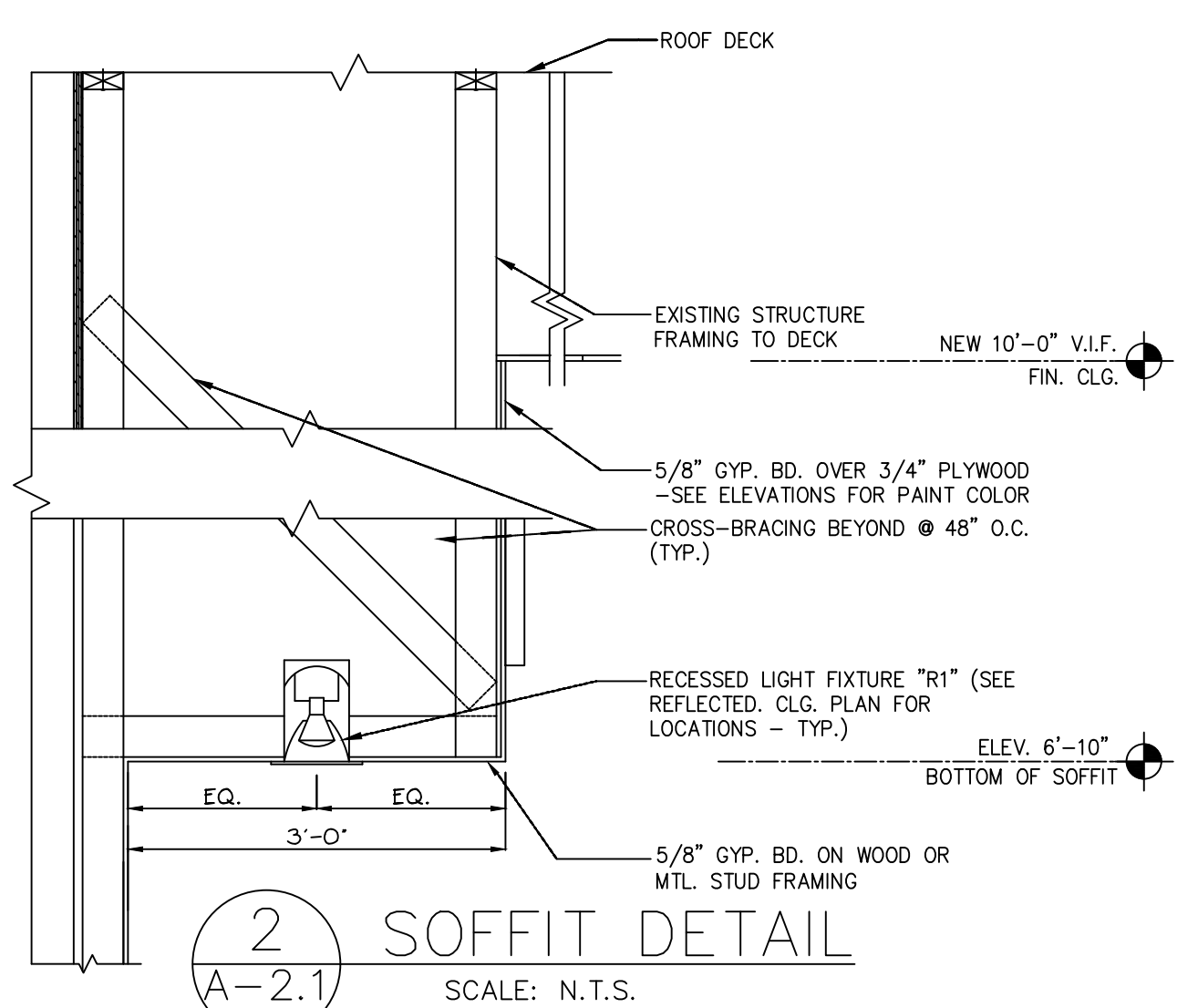
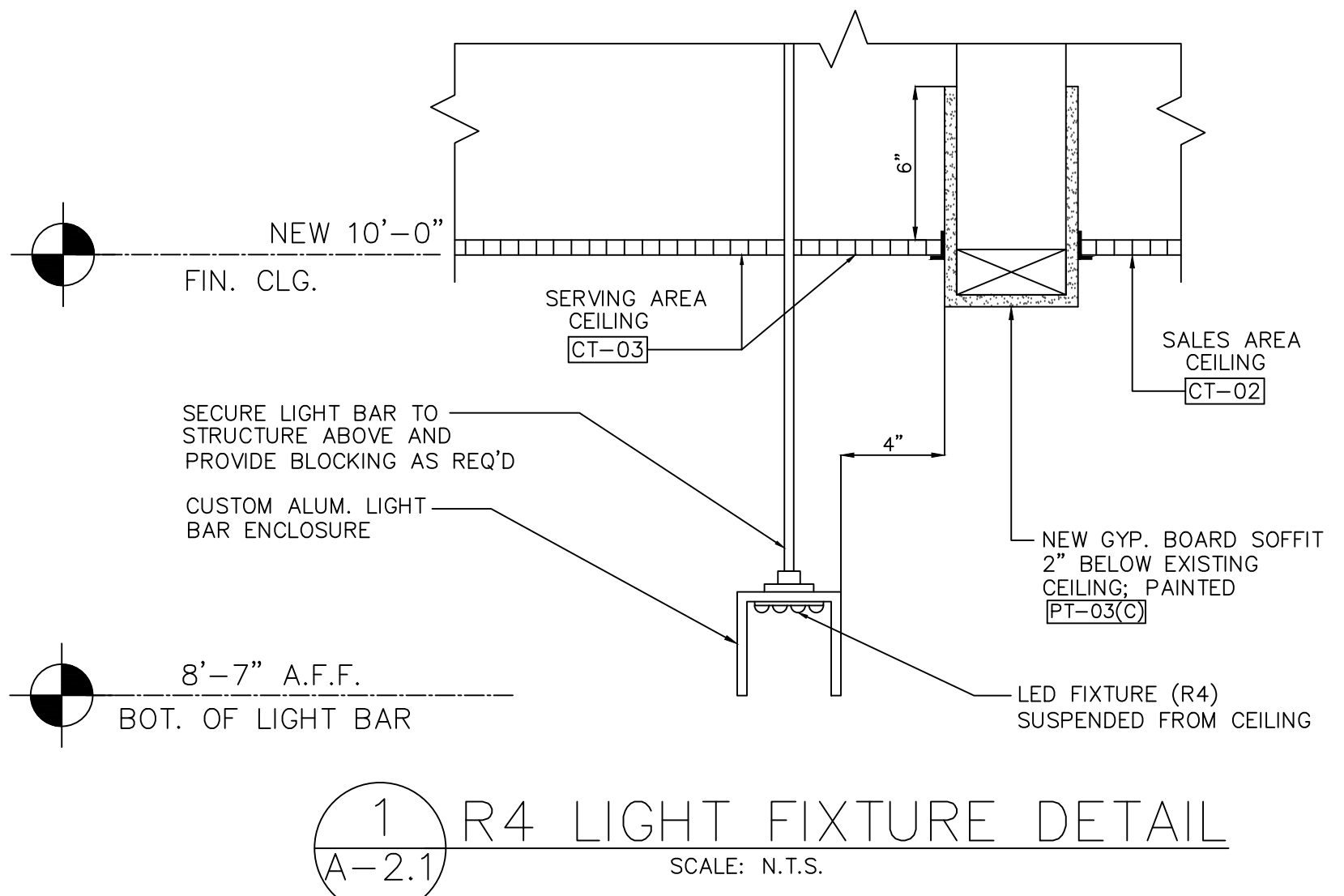
JOB LOCATION:  
**CAMBRIDGE, MA**  
 655 MASS. AVENUE

CEILING DETAIL;  
 SCHEDULE; NOTES

CONSTRUCTION: REMODEL  
 IMAGE TYPE: NEXT GEN OMMI COOL PALETTE

SHEET  
**A-2.1**

JOB#: D23033  
 DATE: 08/13/23  
 PC#: 364942  
 C.M.: MARK DONAHOE



**NOTE:**  
 FRANCHISEE AND GENERAL CONTRACTOR  
 TO COORDINATE LIGHTING VENDOR DECISION.  
 VILLA or SPECIALTY LIGHTING

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/ CTR2002CLR-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-BL
EBU-W	ULTRA COMPACT LED EMERGENCY UNIT (WHITE)	EXITRONIX	EBU-W-LED-51-52
EBU-B	ULTRA COMPACT LED EMERGENCY UNIT- USED ON WT-02 WALL ONLY (BLACK)	EXITRONIX	EBU-BL-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 SCONCE	LUMENCIA	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		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	8' SUSPENDED LINEAR LIGHT FIXTURE- USED IN SEATING/ SALES AREA	TEXAS FLUORESCENTS	SES-FR-96L-S62W6200L-DMV-35K-BK
P2	4' SUSPENDED LINEAR LIGHT FIXTURE- USED IN SEATING/ SALES AREA	TEXAS FLUORESCENTS	SES-FR-48L-S62W3100L-DMV-35K-BK
P3	PENDANT CHANDELIER- USED ABOVE COMMUNITY TABLE	TECH LIGHTING	700TD-ALVPMC-OS-LED930
PKL3	PARKING LOT LIGHTING	COOPER LIGHTING	LUMARK PRV-PREVAIL PRV-A40-UNV-T3-SA-BZ
PKL4	PARKING LOT LIGHTING	COOPER LIGHTING	LUMARK PRV-PREVAIL PRV-A40-UNV-T4-SA-BZ
R1	RECESSED LED LIGHT FIXTURE	CREE	RC6/RC6T-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	NCH-436-L20-40-D-SF
R4	LED LINEAR LIGHT BAR- USED ABOVE FRONT LINE [NOTE: AVAILABLE IN INCREMENTS OF 1FT WITH A 1FTx1FT CORNER	PINNACLE ARCHITECTURAL LIGHTING	EX3D-A-N-835VHO-8-S/AC120ST
R5	2X4 LAY-IN LED LIGHT FIXTURE, USED IN BACK OF HOUSE	LSI	SFP24-LED-50-UE-DIM-35-U
R6	2X2 LAY-IN LED LIGHT FIXTURE, USED OVER SERVICE AREA - REMODELS ONLY	LSI	SFP22-LED-UE-30-DIM-35-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	HI-LITE MFG INC.	HI-HDMR16/18-1-119/ MR16AD1C293010T-10-S1

**GENERAL NOTES**

- ALL INTERIOR & EXTERIOR LIGHTING TO BE LED (INCLUDING IN THE WALK-IN BOX).
- EFFECTIVE LIGHTING CONTROLS STANDARD THROUGHOUT. OCCUPANCY SENSORS TO BE USED IN SPACES NOT ACTIVELY USED THROUGHOUT THE DAY (RESTROOMS, OFFICE, CONFERENCE ROOMS AND ETC.). 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.

LIGHTING SCHEDULE - SPECIALTY LIGHTING			
CODE	DESCRIPTION	MANUFACTURER	PRODUCT
A	WALL-WASH FIXTURE- TO BE USED AT ARTWORK AND LROD SIGN	ATTAINED	AT-DL3-12-35-15 / AT-DL3-TRIM-WH (ADJUSTABLE)
B	PROVIDED BY WALK-IN BOX MANUF.	N/A	
C	TRACK LIGHT & HEAD- USED @ WALL W/ ART WORK AND WHERE CEILING IS OPEN	ATTAINED	AT-TR-HP-10-35-82-24-BK-J
EBU-W	ULTRA COMPACT LED EMERGENCY UNIT (WHITE)	ASTRALITE	EU-4-LED-W
EBU-B	ULTRA COMPACT LED EMERGENCY UNIT- USED ON WT-02 WALL ONLY (BLACK)	ASTRALITE	EU-4-LED-B
EMR-1	EXTERIOR COMBO LED REMOTE EXIST LIGHT HEAD- USED ABOVE OR ADJACENT TO EXIT DOORS (GRAY)	BEST	RHLED-1-PWP-1W
EMR-2	EXTERIOR COMBO LED REMOTE EXIST LIGHT HEAD- USED ABOVE OR ADJACENT TO EXIT DOORS (BLACK)	BEST	RHLED-2-PWP-1W
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
EX1	WALL PACK - ABOVE SERVICE DOOR	BEST	LEDXCUE2RWRC
BL	COMBO LED EXIT SIGN W/ LIGHT HEADS (WHITE)	N/A	
G	BATHROOM SCONCE	COOPER LIGHTING	XTOR3A
LED 2	EXTERIOR RECESSED LIGHT FIXTURE- USED UNDER ORANGE BEAM CANOPY	ATTAINED	DRDH-R-4/ DRD2M-10-9-40/ DRD2T-R-4-S-W
LED 11	NOT USED		
LED 12	EXTERIOR LIGHT FIXTURE- USED ON TOP OF CHARCOAL TRIM AND FIELD	DIODE	120V LED/35K
LED 13	EXTERIOR LIGHT FIXTURE- USED ON TOP OF AND ON THE UNDERSIDE OF THE ORANGE BEAM WHEN USING THE PREFAB OPTION	DIODE	120V LED/35K
LED 14	EXTERIOR LIGHT FIXTURE - ACCENT LIGHT USED ON TOP OF CHARCOAL TRIM AT BASE OF MONOLITH ONLY	ATTAINED	LWW-XX-XX-35K
OC	WALL MOUNTED OCCUPANCY SENSOR	WATTSTOPPER	WS-301-W
P1	8' SUSPENDED LINEAR LIGHT FIXTURE- USED IN SEATING/ SALES AREA	TEXAS FLUORESCENTS	SES-FR-96L-S62W6200L-DMV-35K-BK
P2	4' SUSPENDED LINEAR LIGHT FIXTURE- USED IN SEATING/ SALES AREA	TEXAS FLUORESCENTS	SES-FR-48L-S62W3100L-DMV-35K-BK
P3	PENDANT CHANDELIER- USED ABOVE COMMUNITY TABLE	BESAHLITE	700TD-ALVPMC-OS-LED930
PKL3	PARKING LOT LIGHTING	COOPER LIGHTING	LUMARK PRV-PREVAIL PRV-A40-UNV-T3-SA-BZ
PKL4	PARKING LOT LIGHTING	COOPER LIGHTING	LUMARK PRV-PREVAIL PRV-A40-UNV-T4-SA-BZ
R1	RECESSED LED LIGHT FIXTURE	CREE	CR6/RC6-1600-35K
R2	2X2 LAY-IN TROFFER LED LIGHT FIXTURE, USED IN FRONT OF HOUSE	ATTAINED	AT-CB-22-30DIM-37K
R3	4" LED ADJ DOWNLIGHT, 400K, 200 LUMEN	ATTAINED	AT-DL4-12-35K-WH-DL - AT-DL4-TRIM-WH
R4	LED LINEAR LIGHT BAR- USED ABOVE FRONT LINE [NOTE: AVAILABLE IN INCREMENTS OF 1FT WITH A 1FTx1FT CORNER	ATTAINED	AT-LF-D-XX-XX-35K DB
R5	2X4 LAY-IN LED LIGHT FIXTURE, USED IN BACK OF HOUSE	ATTAINED	AT-PN-45W-37K
R6	2X2 LAY-IN LED LIGHT FIXTURE, USED OVER SERVICE AREA - REMODELS ONLY	ATTAINED	AT-PN-45W-37K
R7	2X4 LAY-IN TROFFER LED LIGHT FIXTURE, USED IN FRONT OF HOUSE - REMODELS ONLY	ATTAINED	AT-CB-24-50-DIM-37K
WSCX-2	EXTERIOR SIGN LIGHT FIXTURE - USED AT ACCENT PANELS	HI-LITE MFG INC.	H-PAR20-119/18-119

**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.

**LIGHTING SCHEDULE NOTES**

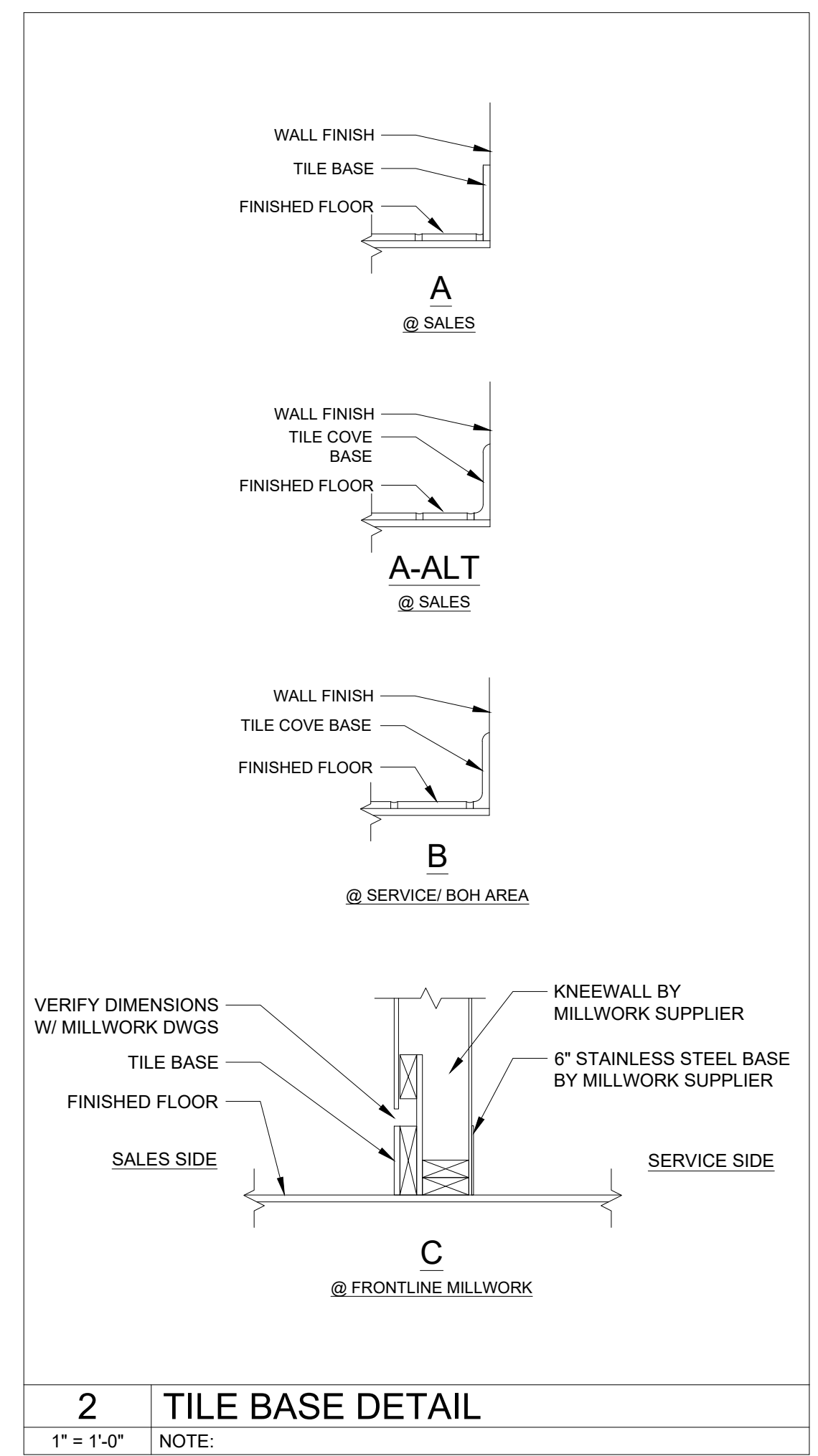
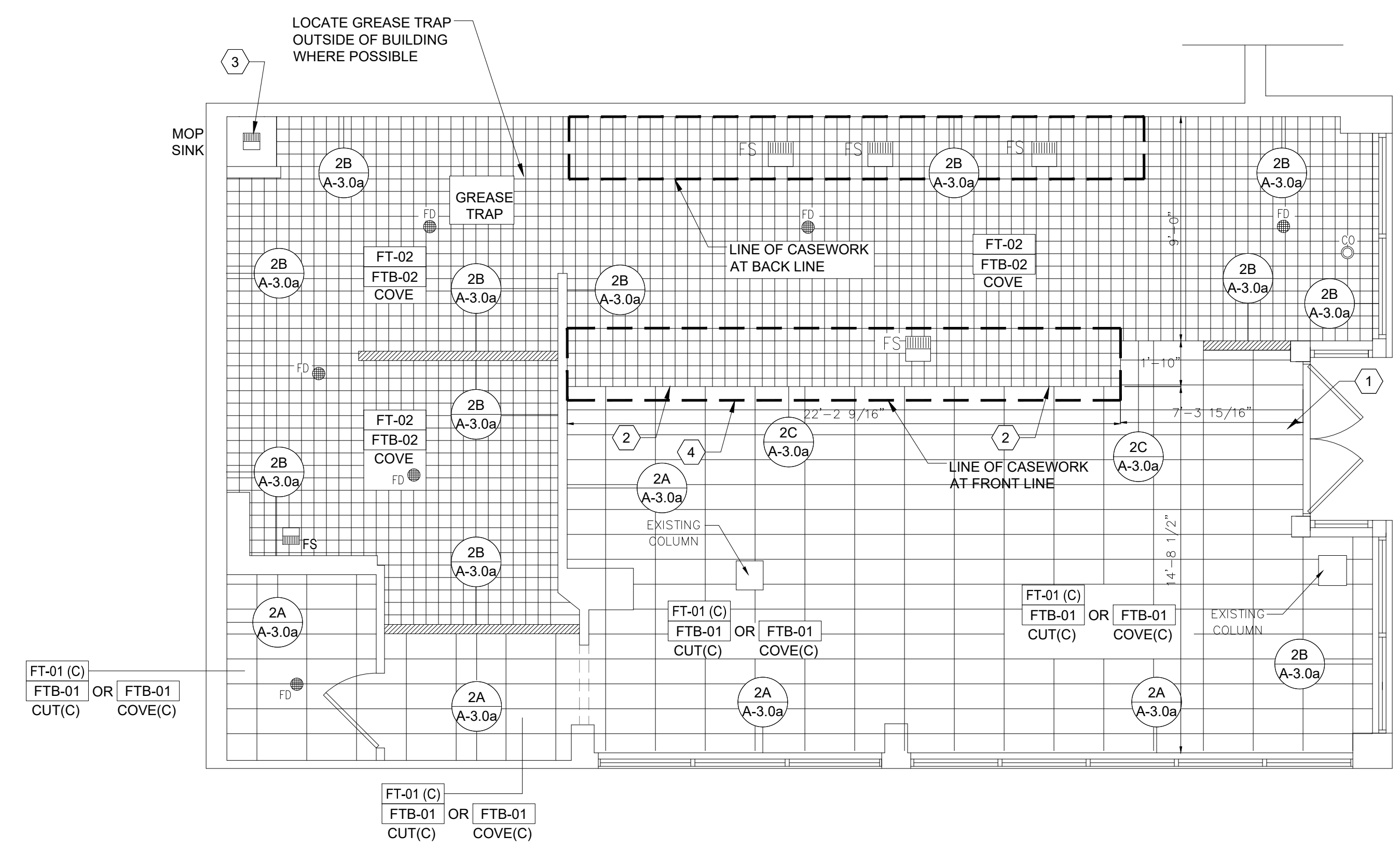
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- LAMPS SHALL BE AS MANUFACTURED BY SYLVANIA, WESTINGHOUSE, GENERAL ELECTRIC OR APPROVED EQUAL.





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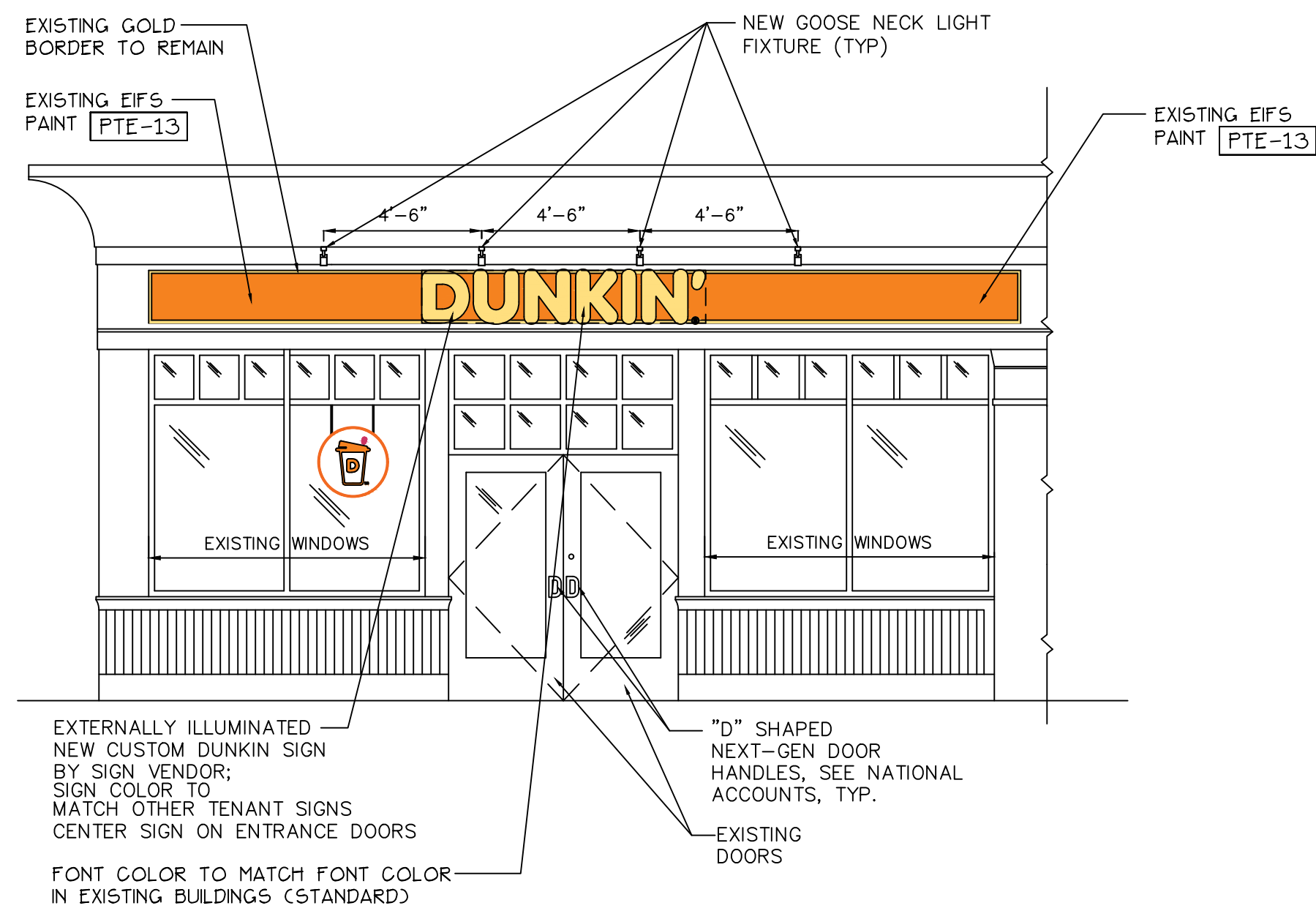
JOB LOCATION: <b>CAMBRIDGE, MA</b> 655 MASS. AVENUE	CONSTRUCTION: REMODEL
<b>FINISH FLOOR PLAN</b>	IMAGE TYPE: NEXT GEN OMNI COOL PALETTE



- PLAN NOTES**
- TILE WORK STARTING POINT.
  - TILE TRANSITION MUST OCCUR UNDER FRONTLINE MILLWORK - (TYP.)
  - NO TILE @ BACKWASH/ MOP SINK
  - G.C. TO PROVIDE AND INSTALL TILE WALL BASE AT FRONTLINE MILLWORK.

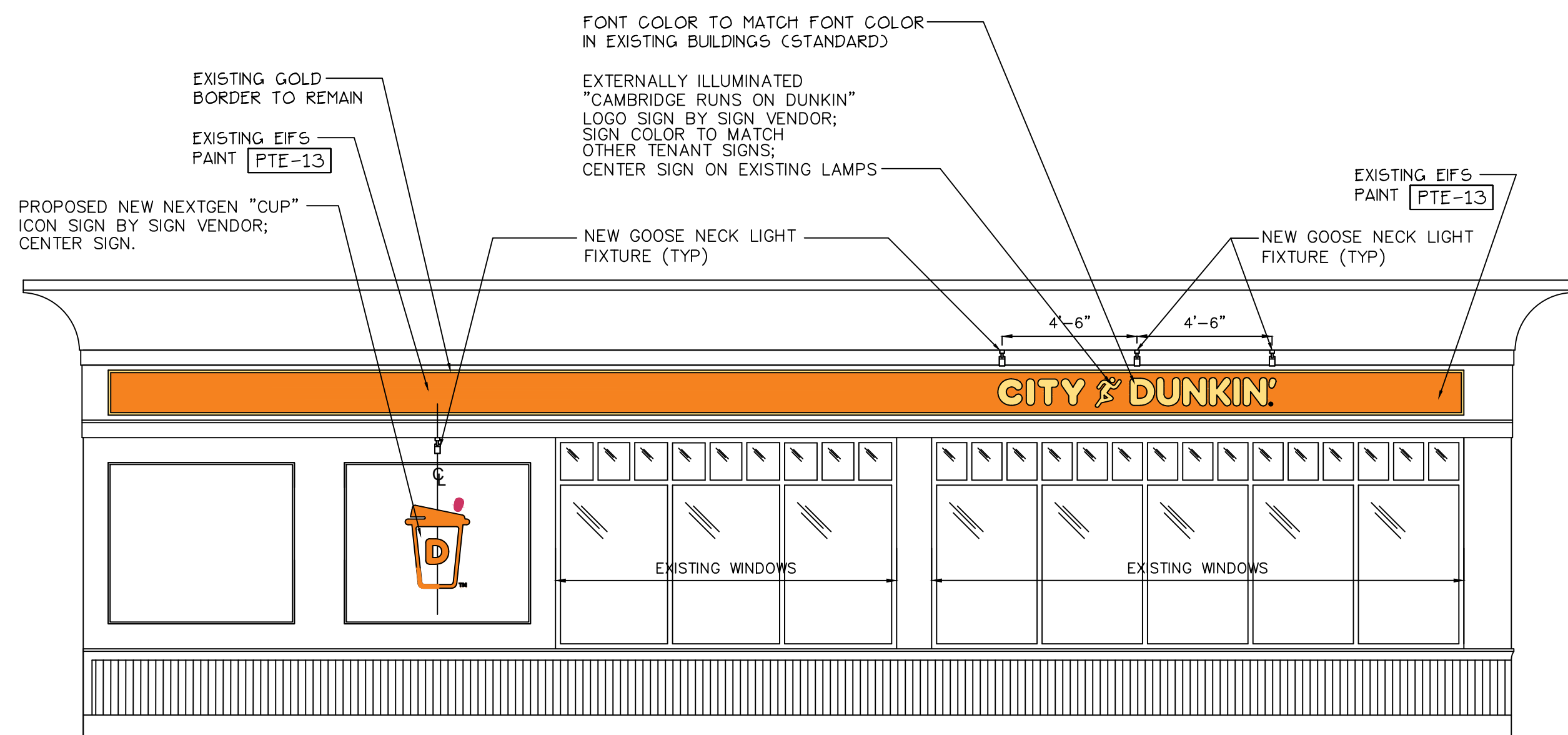
**LEGEND**

XX-XX	FLOOR FINISH MATERIAL
XX-XX	WALL BASE MATERIAL
---	WALL BASE
FD	FLOOR DRAIN
FS	FLOOR SINK
CC	FLOOR CLEAN OUT



FRONT ELEVATION

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



LEFT ELEVATION

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

36" H ICON CUP SIGN  
ILLUMINATION TO BE WHITE LED'S

VINYL COLORS:  
3M VINYL 3630-3202 (ORANGE)...(CUP & D)  
3M VINYL 3630-1511 (PINK)...(')

18" H "DUNKIN'" PRIMARY BLDG. SIGN  
SIGNAGE AREA: 12.11 SQ. FT.  
ILLUMINATION TO BE WHITE LED'S

VINYL COLORS:  
3M VINYL (TO MATCH FONT COLOR OF EXISTING BUILDINGS)...(LTRS)

18" HIGH "DUNKIN" PRIMARY SIGN: BY SIGN VENDOR 3"

ACRYLIC FACES FLOODED WITH TRANSLUCENT VINYL  
PAINTED ALUMINUM RETURNS  
PAINTED TRIMCAP

FACE	.177 ACRY	WHITE #2447 W/VINYL 1ST SURFACE
BACK	.063 ALUM	WHITE
TRIMCAP	1"	#313 BRONZE
LED	N/A	LS-U650-71K-B200-A WHT
RETURN	.050 ALUM	PRE-PAINTED PMS 7540C DARK GRAY

(CITY) RUNS ON DUNKIN' STD. SIZES						
RUNNING MAN HEIGHT	LETTER 'D' HEIGHT (Flat top bottom letters)	ROUNDED LETTER HEIGHT (E, U, V)	SPACE E4 SIDE OF RUNNING MAN	Ø DIA.	OVERALL LENGTH	BOXED SQUARE FOOTAGE
A	B	C	D	E	F	
12"	10-3/16"	10-9/16"	3-3/8"	1-3/8"	VARIES	VARIES

**GENERAL SPECIFICATIONS:**

**Materials:**  
Rounded PVC letters and icons to be 3/4" thick; Pin-mid. with 1/2" stand-off from wall surface; Mounting studs as required per site conditions

**Depth:**  
3/4"

**Colors:**  
Faces and returns painted PMS 3564C Orange and PMS 7635C Pink

**Register R:**  
PVC disk painted white with orange vinyl applied first surface

**Font:**  
- Dunkin' Sans ExtraBold (city name)  
- DUNKIN' logo is custom font

**Area Squared:**  
See size chart for various sq. footage

**Wind Load:**  
Standard Wind load - Wind Speed / 35 PSF

1/2" alum. conduit supplied with sign, to be cut in field to desired length. Conduit painted PMS 7540C Dk. Gray

**GENERAL SPECIFICATIONS:**

**Materials:**  
.040 aluminum cabinet painted PMS 7540C Dk. Gray

**Sign Interior:**  
Interior finish to be reflective white

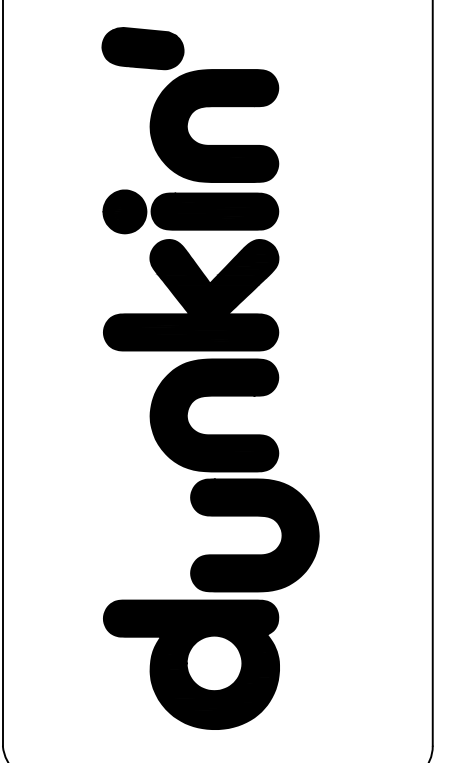
**Faces:**  
Formed clear polycarbonate face decorated 2nd surface; Face is cap-over style, fitting over aluminum drum; Cup icon: Translucent vinyls to match 3M 3630-3202 (Orange) and 3M 3630-1511 (Pink); Flat graphic; Border around face is 3M 3630-3202 (Orange) translucent vinyl; White translucent background

**Area Squared:**  
See size chart for varying square footage

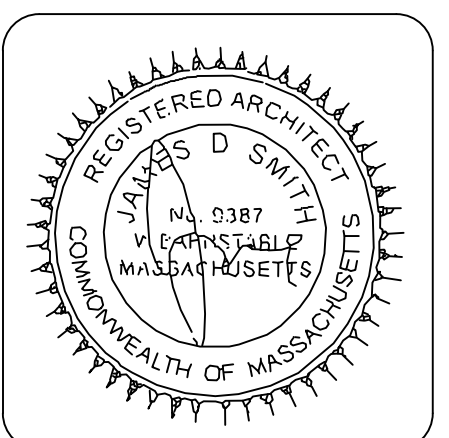
**ELECTRICAL:**  
Illumination to be white LED's  
LED's to be populated for even and consistent lighting without hot spots or shadows  
(1) 20A/120V circuit  
Remote power supply  
UL Listed

**COLORS:**

DF HANGING LED MEDALLION			
DIAMETER	DEPTH	POLE CENTERS	BOXED SQUARE FOOTAGE
A	B	C	
24"	5"	13"	4.0



**JAMES D. SMITH ARCHITECTS**  
522 BAY LANE  
CENTERVILLE, MA 02632  
PHONE: 508-357-8920  
EMAIL: JAMES@SMITHARCHITECTS.NET



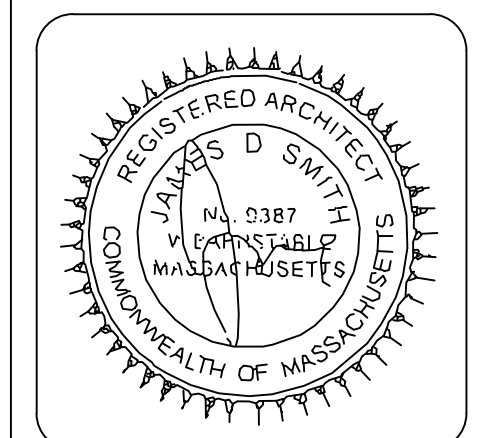
NO.	DESCRIPTION	BY	DATE

JOB LOCATION:  
**CAMBRIDGE, MA**  
655 MASS. AVENUE  
**EXTERIOR ELEVATIONS**

CONSTRUCTION: REMODEL  
IMAGE TYPE: NEXT GEN OMNI  
COLOR PALETTE

SHEET  
**A-5.0**

JOB#: D23033  
DATE: 08/13/23  
PC#: 364942  
C.M.: MARK DONAHOE

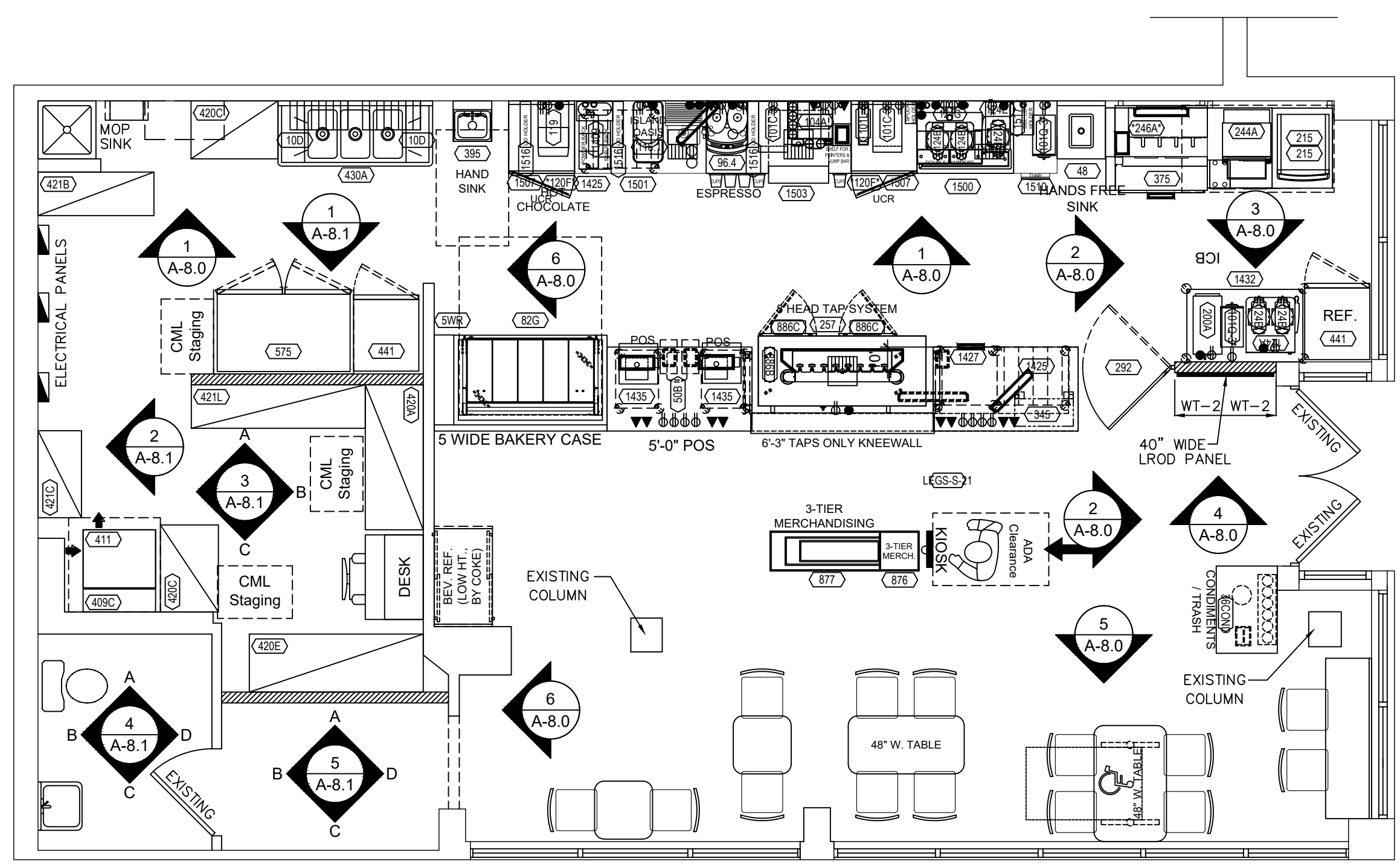


NO.	DESCRIPTION	BY	DATE
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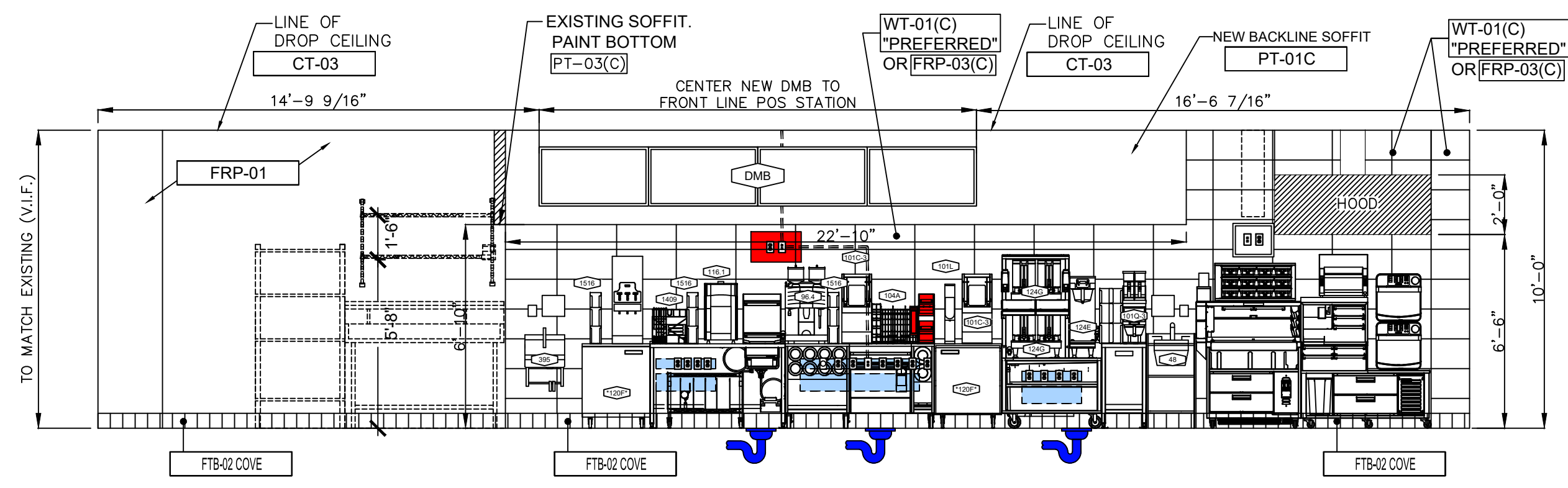
JOB LOCATION:  
**CAMBRIDGE, MA**  
 655 MASS. AVENUE

**INTERIOR ELEVATIONS**

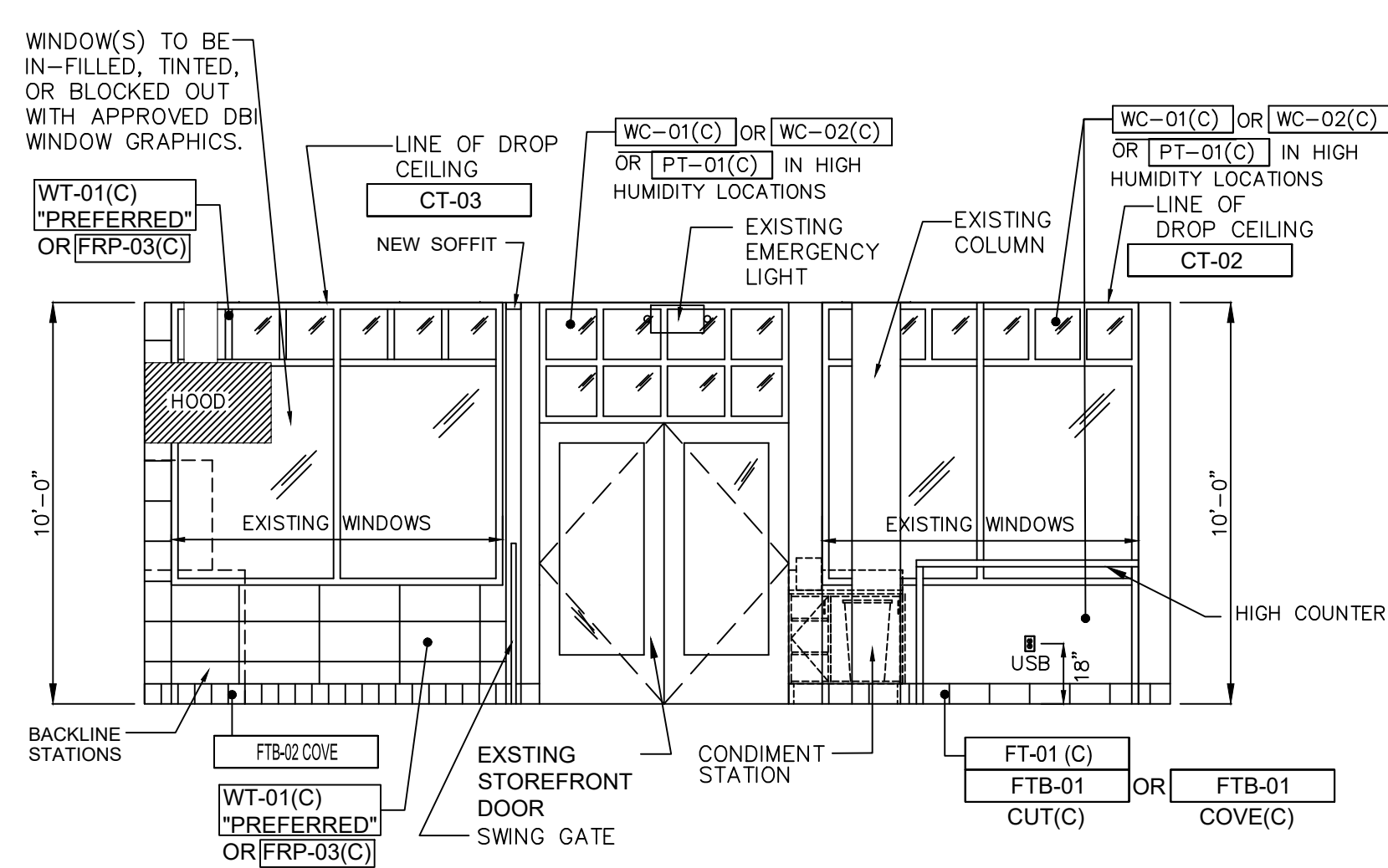
CONSTRUCTION: REMODEL  
 IMAGE TYPE: NEXT GEN OMNI COOL PALETTE



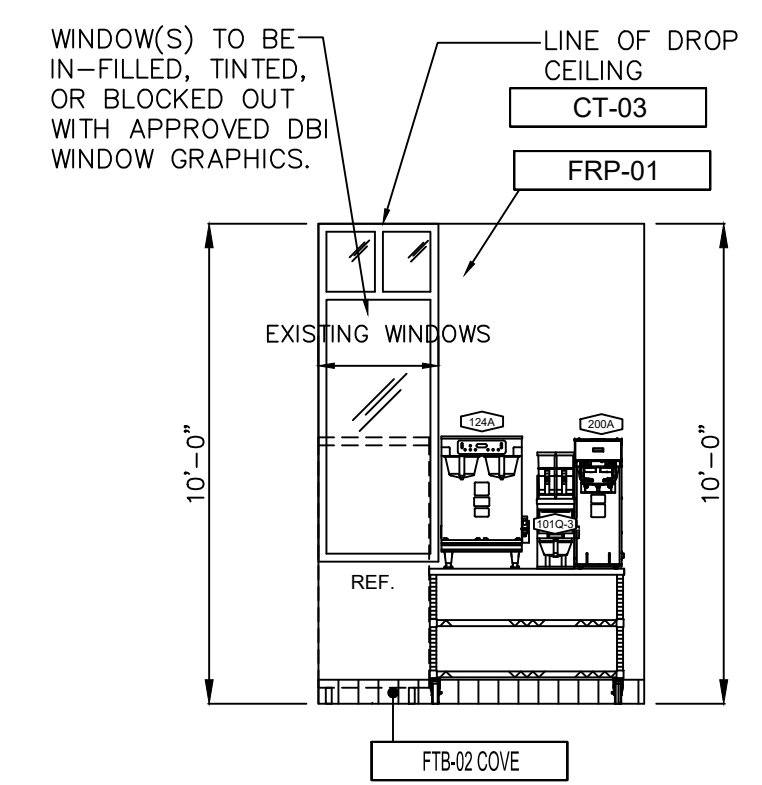
**KEY PLAN**  
 SCALE: 1/4" = 1'-0"



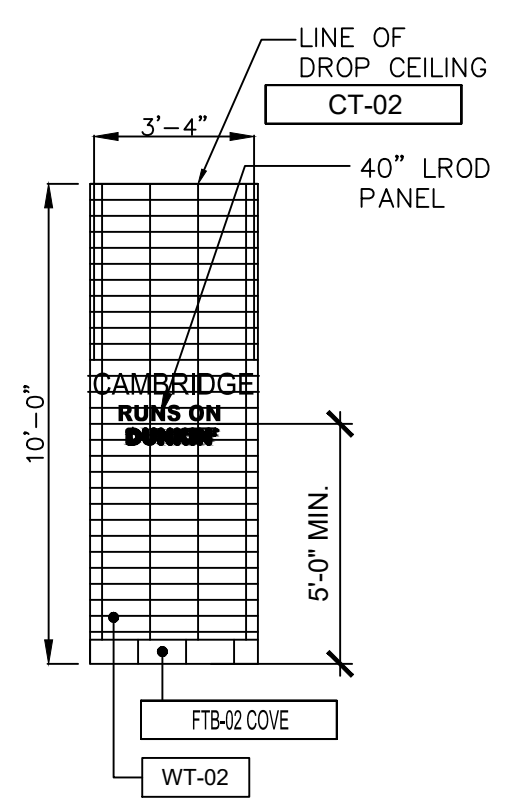
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**A8.0**  
 INTERIOR ELEVATION



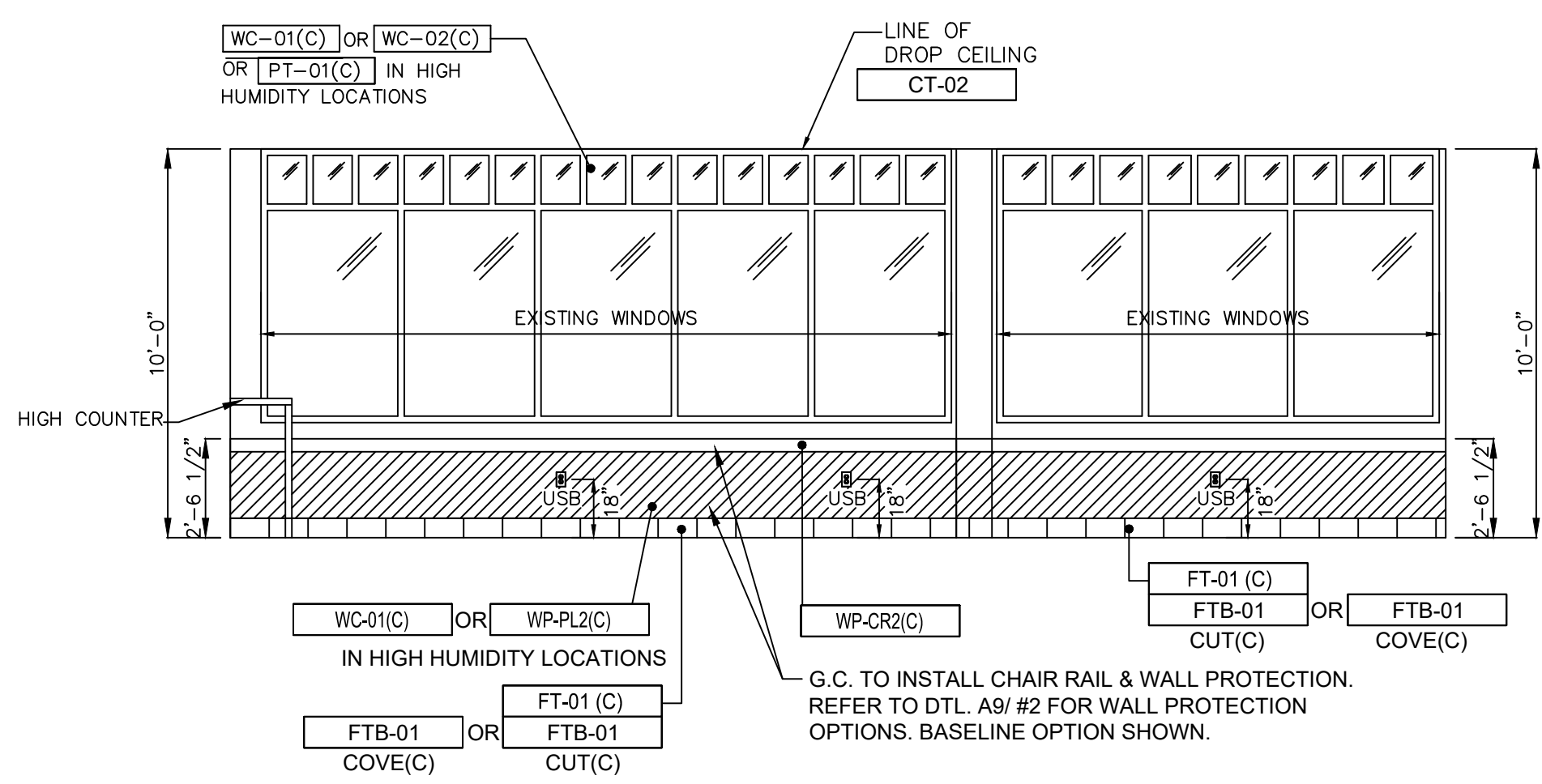
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**A8.0**  
 INTERIOR ELEVATION



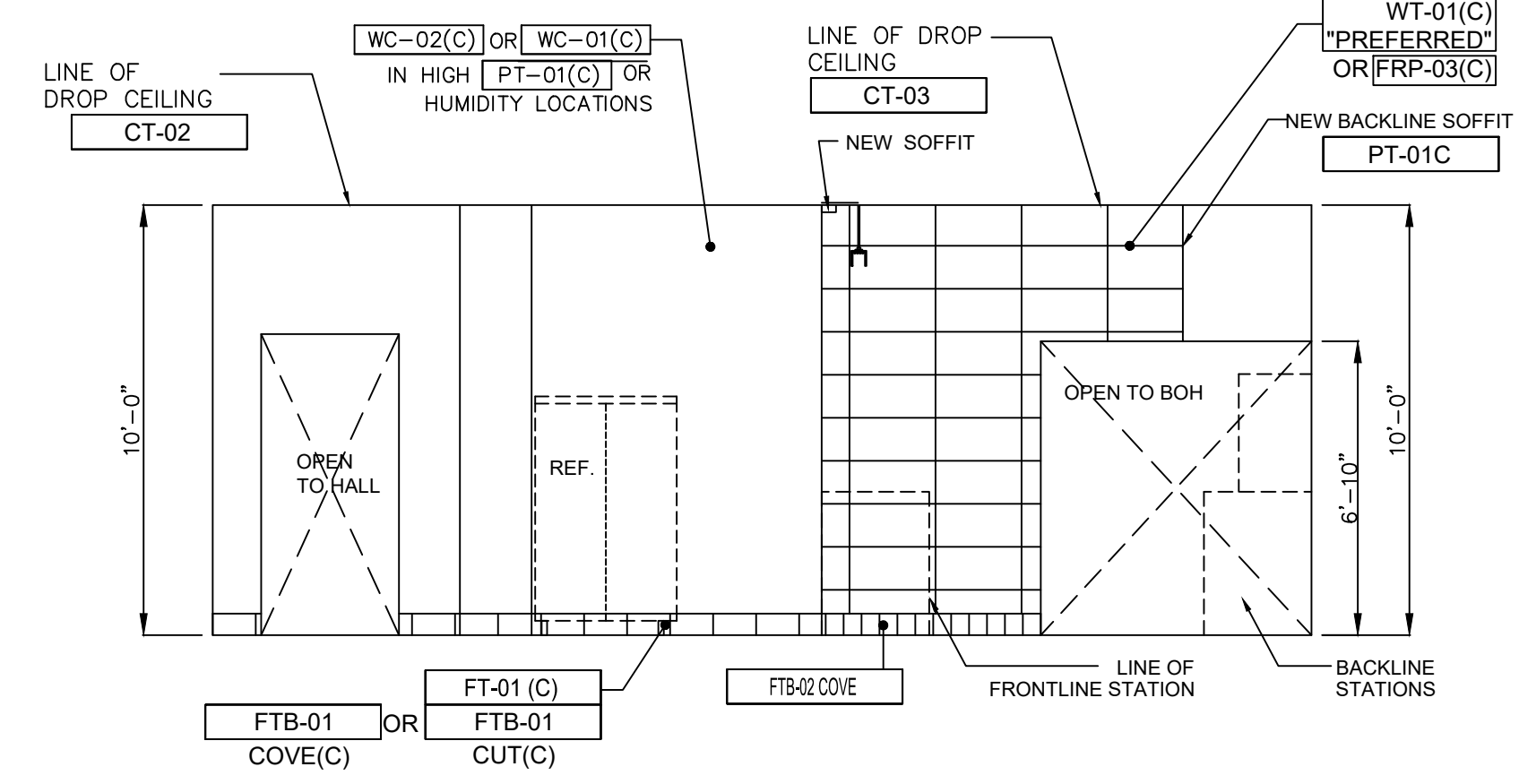
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**A8.0**  
 INTERIOR ELEVATION



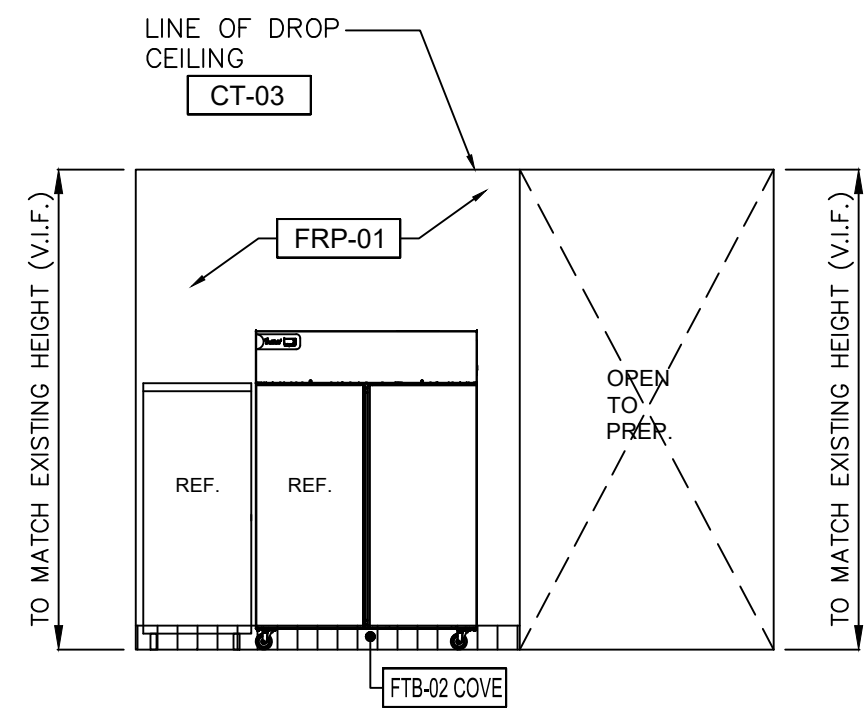
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 INTERIOR ELEVATION



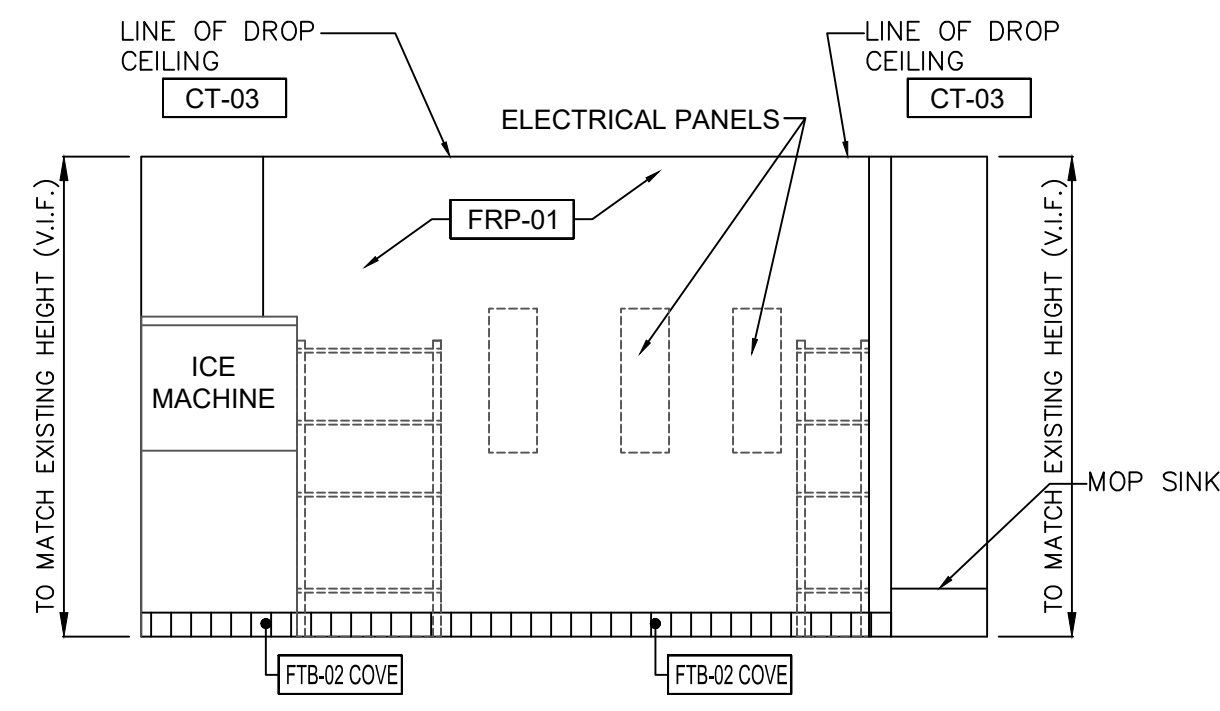
**5**  
**A8.0**  
 INTERIOR ELEVATION



**6**  
**A8.0**  
 INTERIOR ELEVATION



1 INTERIOR ELEVATION  
A8.1



2 INTERIOR ELEVATION  
A8.1

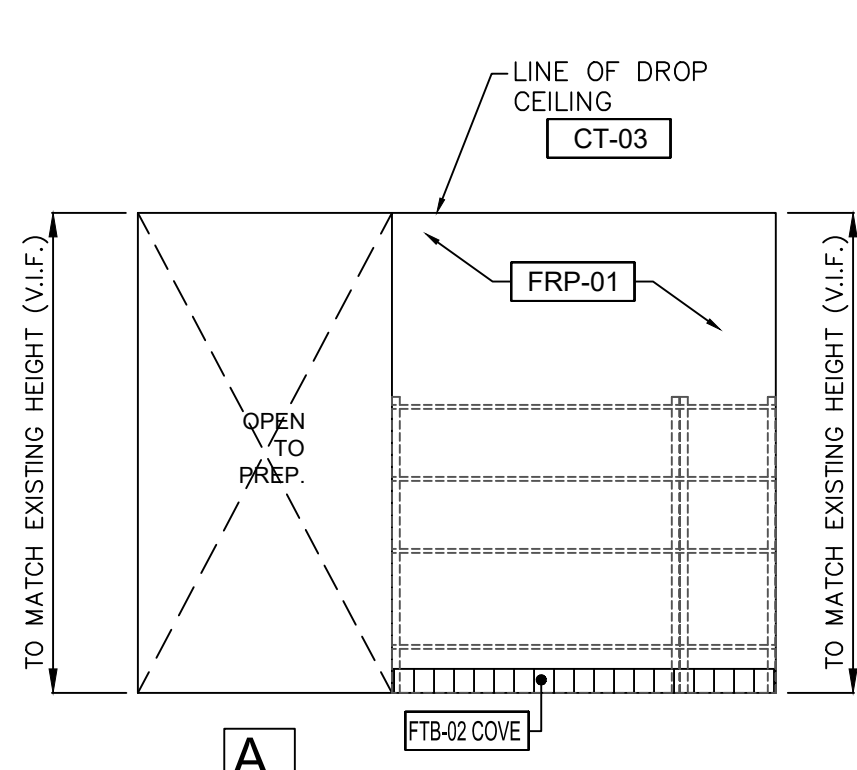
**KITCHEN AND STO. ACCESSORIES**

- 2 SOAP DISPENSERS - PROCTOR AND GAMBLE COMPANY - SEE NATIONAL ACCOUNT SOURCE INFO ON EXTRANET.
- CHEMICAL DISPENSER - PROCTOR AND GAMBLE COMPANY - SEE NATIONAL ACCOUNT SOURCE INFO ON EXTRANET.
- 7 SHELF STANDARDS - KNAPE & VOGT, 87 ANO-24 IN
- 14 SHELF BRACKETS - KNAPE & VOGT, 187LL ANO-12 IN
- 14 SHELF CLIPS - KNAPE AND VOGT, 214 BLK
- PAPER TOWEL HOLDER - AMERICAN SPECIALTIES, INC., 0245SS

**ADA NOTES:**

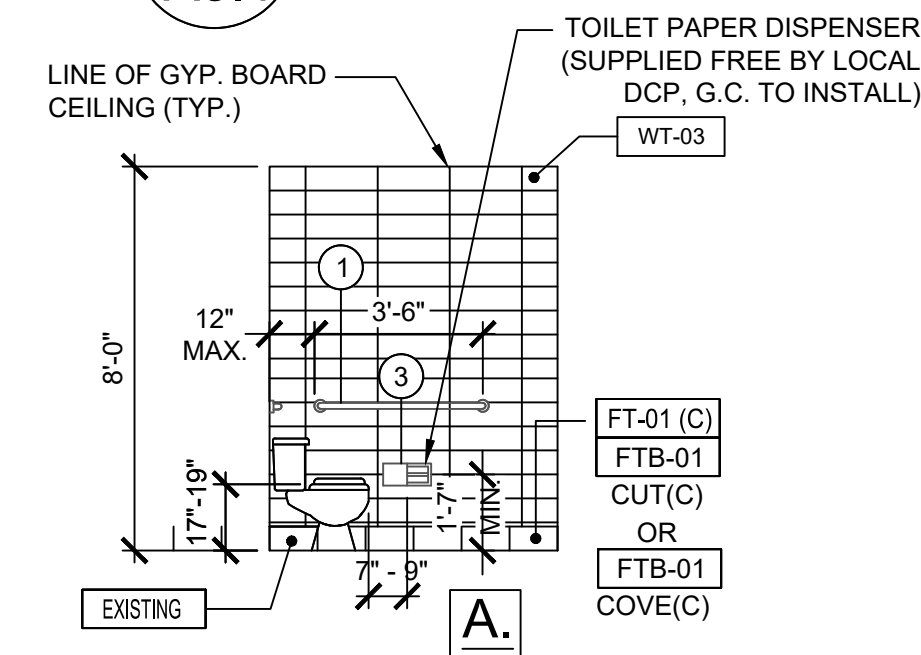
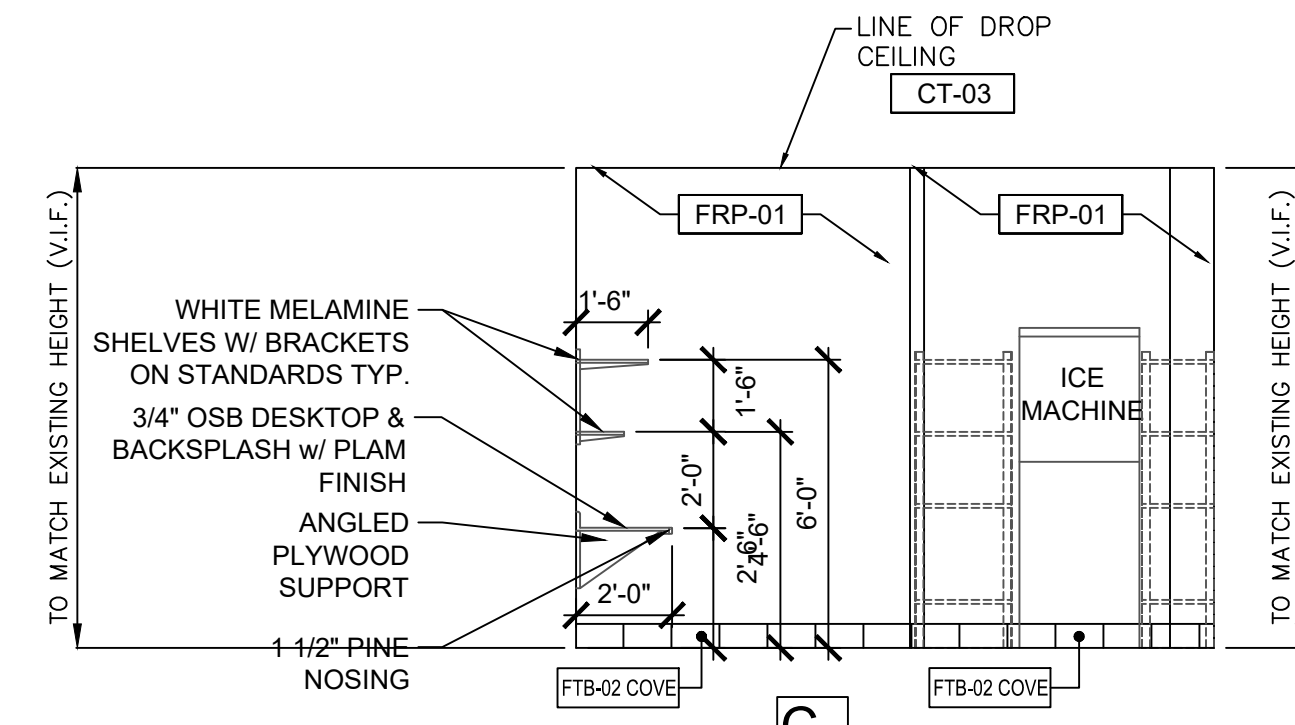
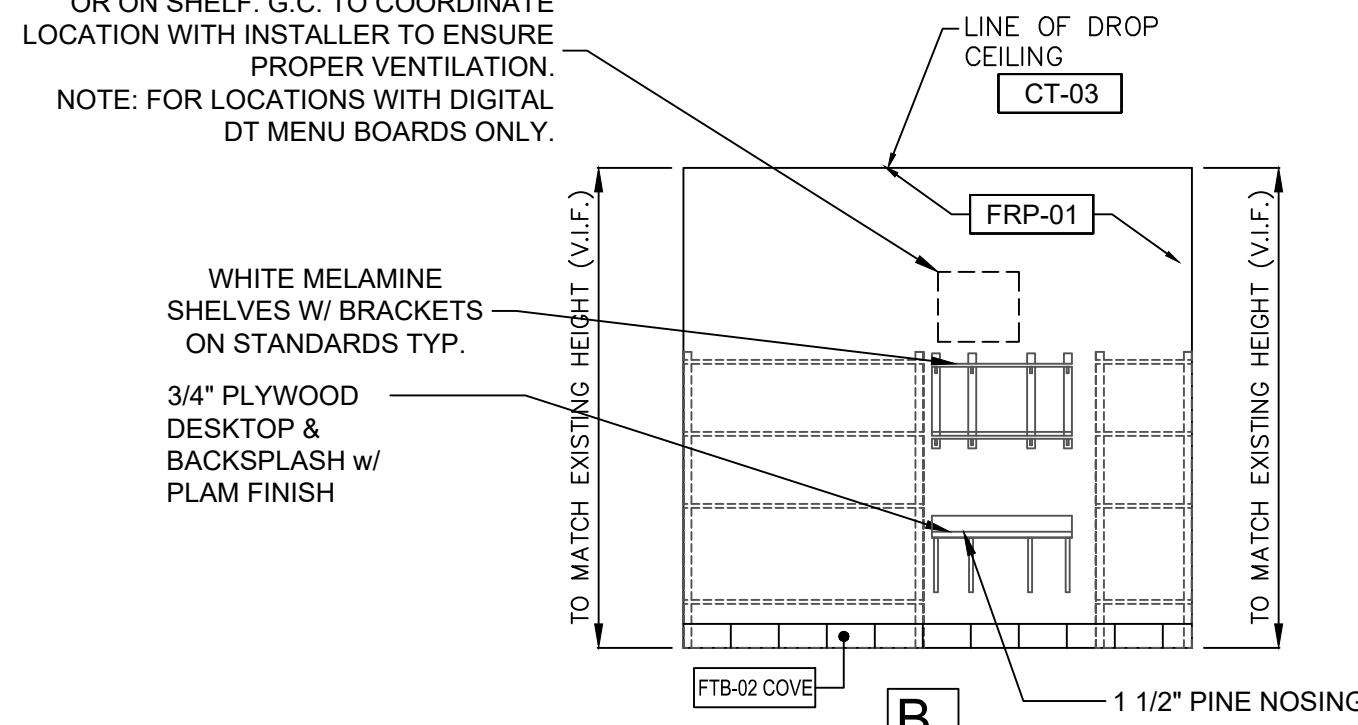
THE GENERAL CONTRACTOR SHALL ACQUAINT HIMSELF WITH THE BARRIER FREE REQUIREMENTS FOR THE APPLICABLE STATES AND THE AMERICAN DISABILITIES ACT (ADA) AND SHALL ENSURE THAT THIS FACILITY WILL BE ACCESSIBLE ACCORDING TO THE STRICTER REQUIREMENTS OF THE APPLICABLE STANDARDS. THE FOLLOWING IS A PARTIAL LIST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

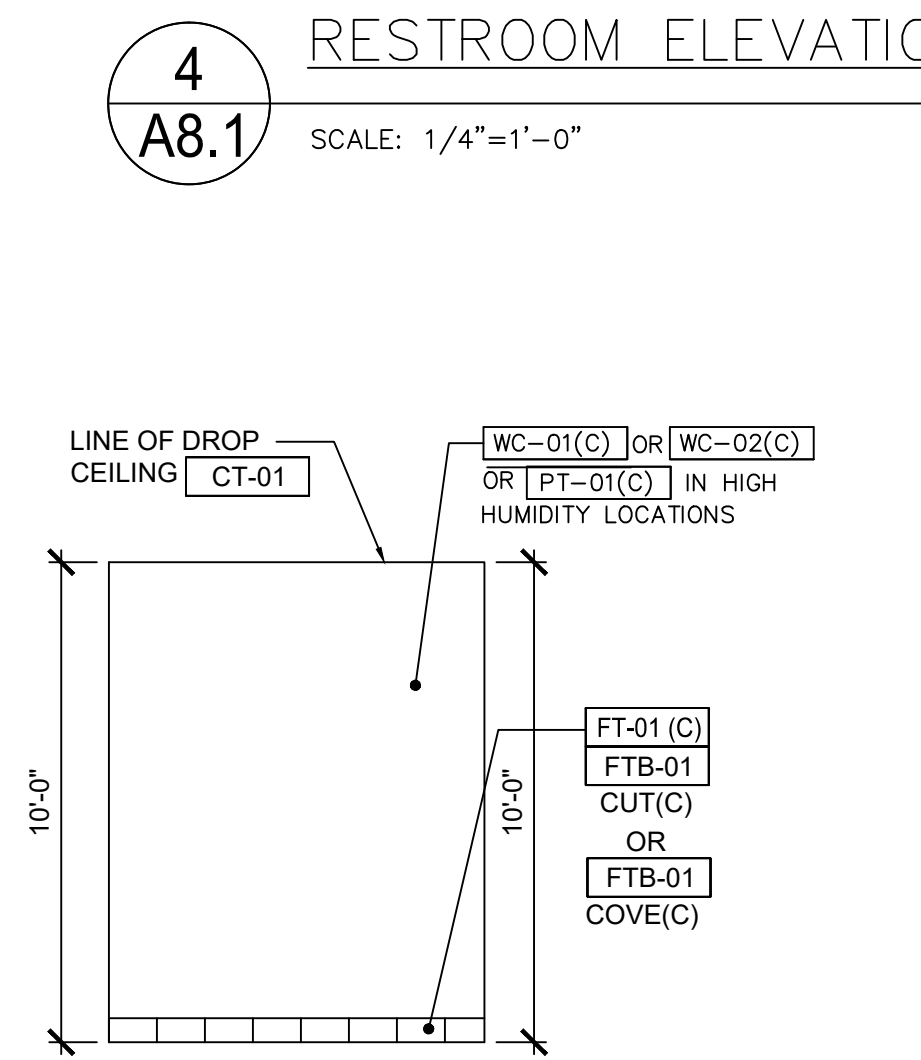
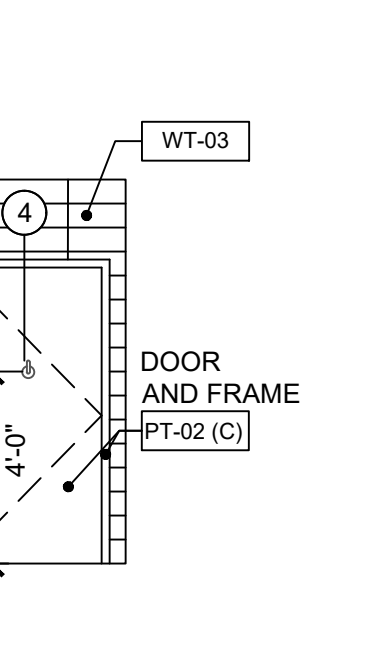
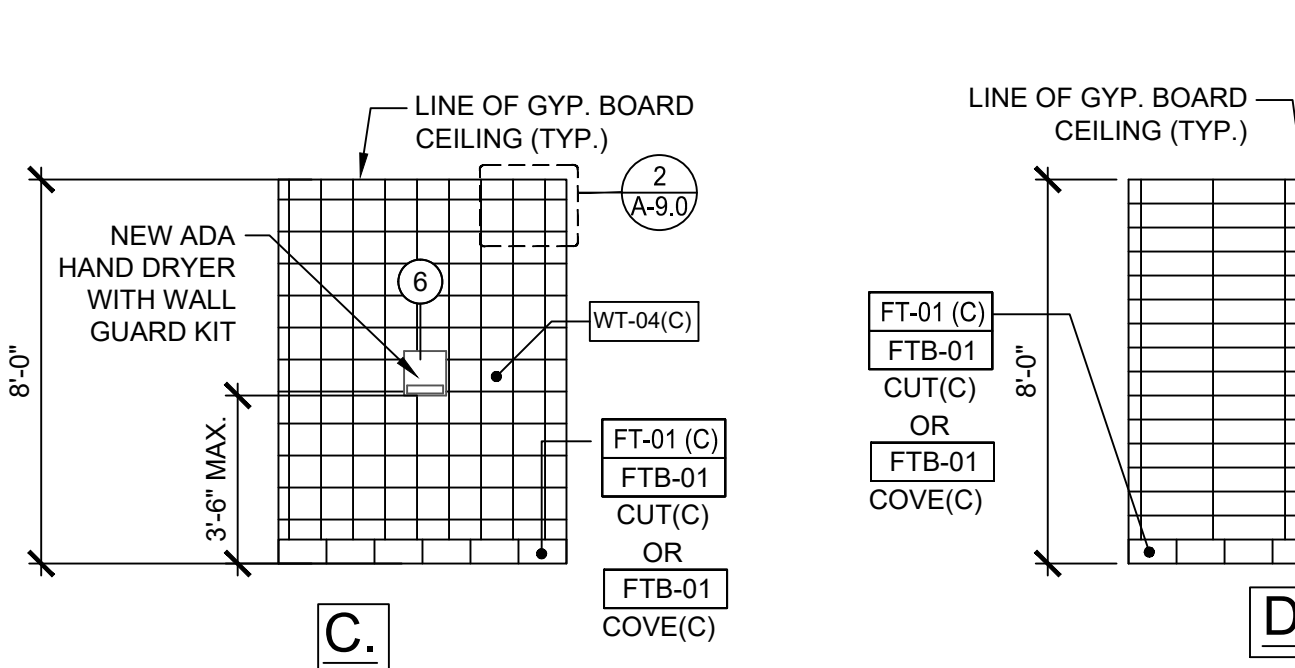
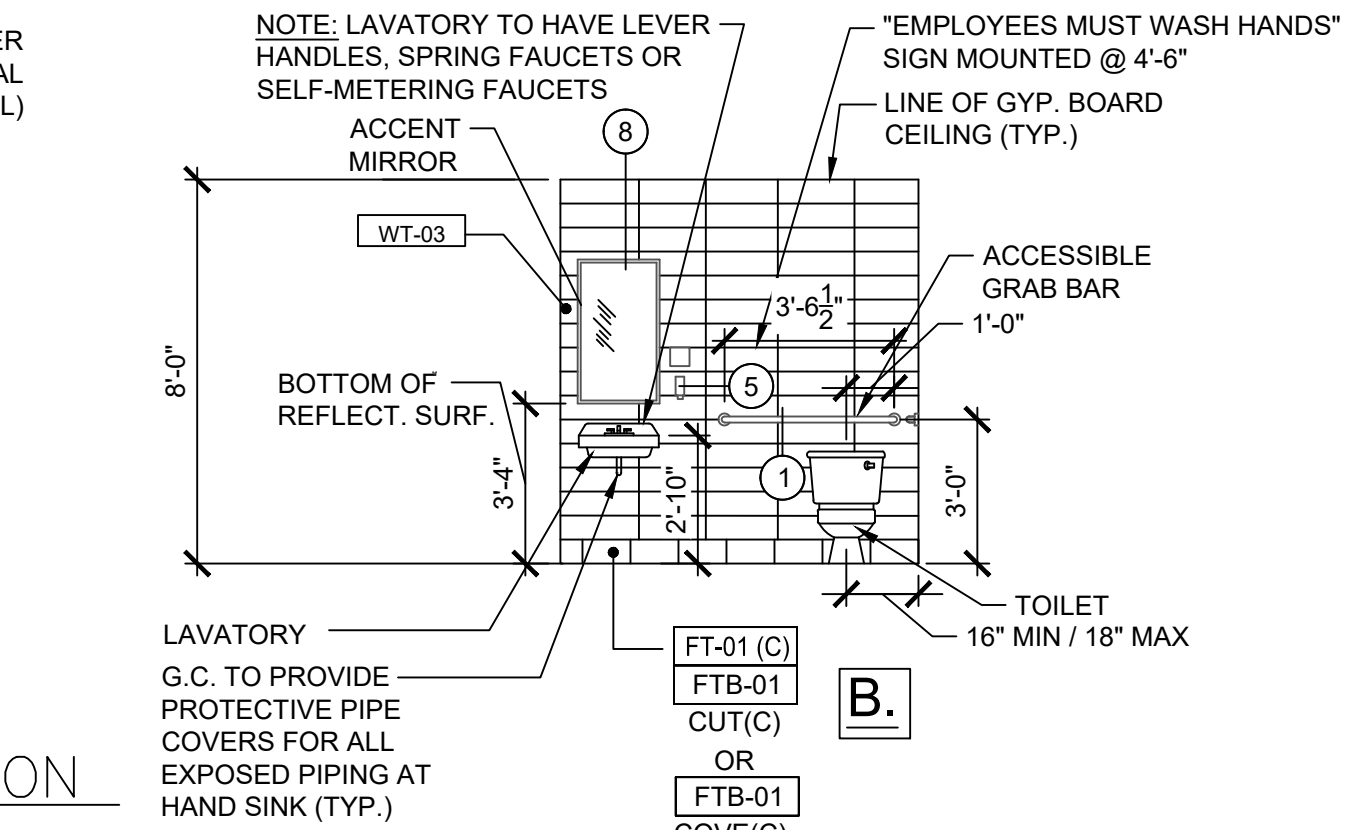


3 INTERIOR ELEVATION  
A8.1

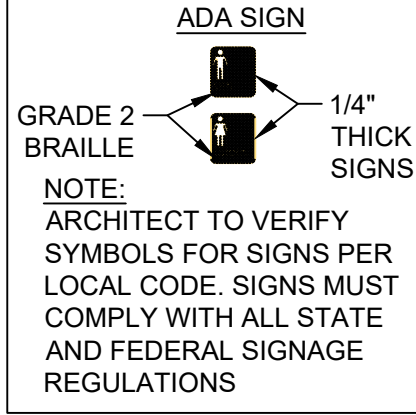
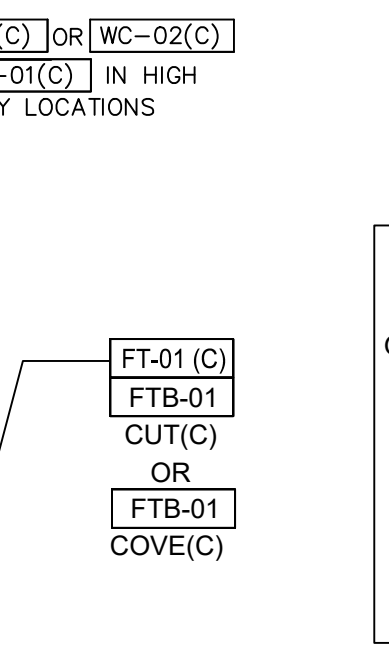
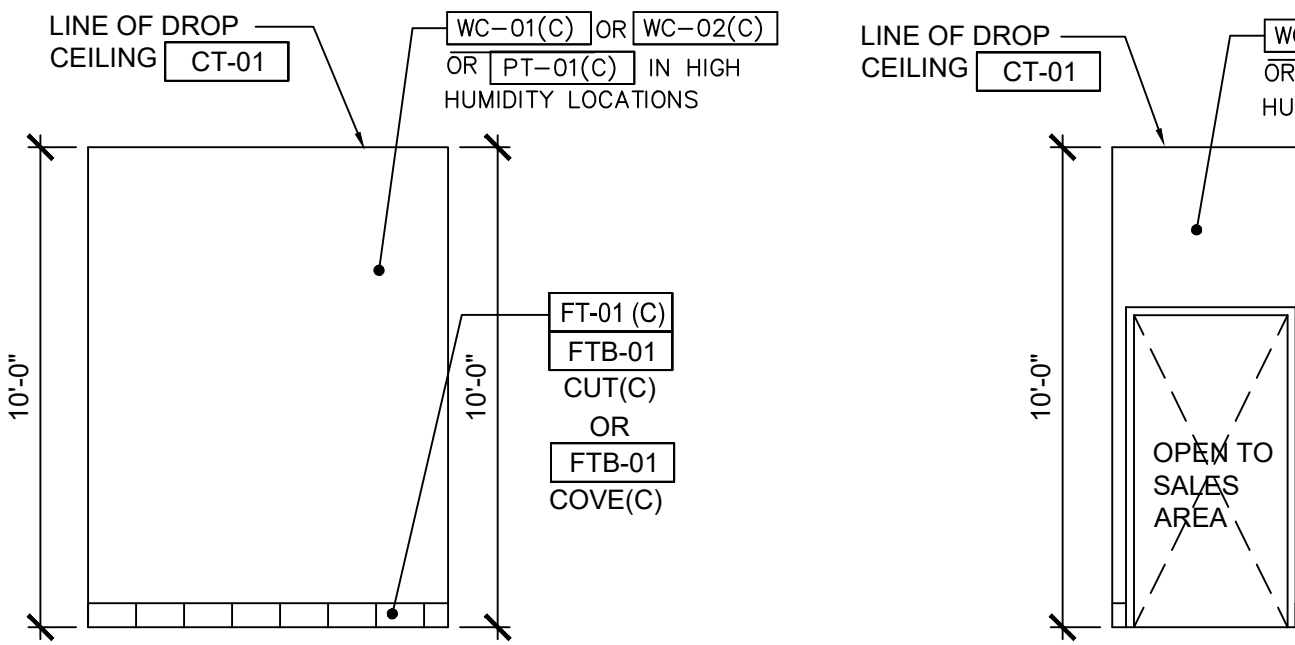
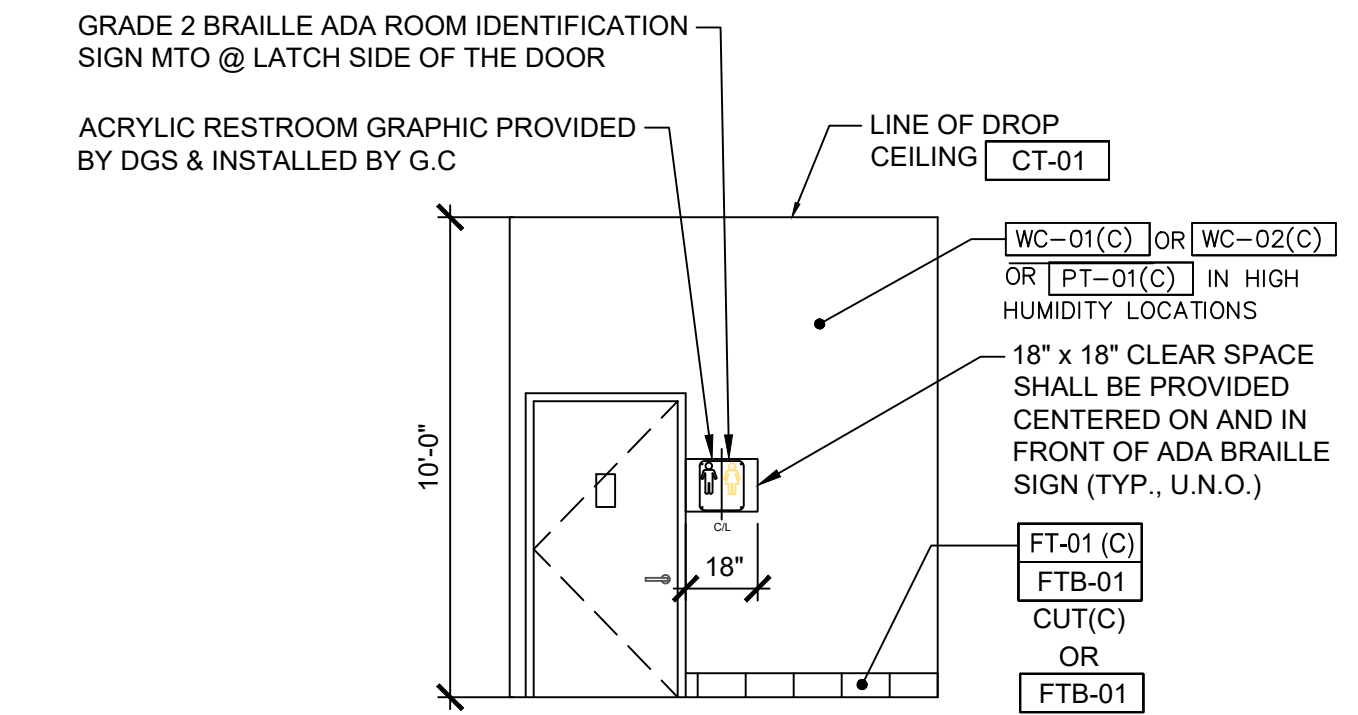
MEDIA CABINET TO BE WALL MOUNTED OR ON SHELF. G.C. TO COORDINATE LOCATION WITH INSTALLER TO ENSURE PROPER VENTILATION. NOTE: FOR LOCATIONS WITH DIGITAL DT MENU BOARDS ONLY.



4 RESTROOM ELEVATION  
A8.1



5 HALL ELEVATION  
A8.1



**RESTROOM EQUIPMENT SCHEDULE**

CODE	ITEM	MANUFACTURER & PRODUCT #	MOUNTING HEIGHT	REMARKS
1	GRAB BARS	ASI 3701-18P (18"), -36P (36") & -42P (42")	36" MAX. A.F.F.	NOTE C
2	SWING-UP GRAB BAR	BOBRICK #B-4998.99	SEE INSTALLATION INSTRUCTIONS	NOTE C, INSTALL WHEN REQUIRED
3	TOILET PAPER HOLDER	KC PROFESSIONAL 09551	20" BOT OF UNIT, SURFACE MOUNTED	
4	COAT HOOK	ASI 0751	48" A.F.F., MOUNTED ON DOOR	
5	SOAP DISPENSER	DERMA FOAM E-KAY CHEMICAL COMPANY		NOTE A, C
6	AUTOMATIC HAND DRYER	"WORLD VERDIR" Q974-A - WHITE OR Q973-A - STAINLESS OR "EXCEL" XLERATOR THIN AIR TASI WG - WHITE OR TASI WG - STAINLESS		NOTE A, C & E
7	HAND DRYER WALL GUARD	WORLD		NOTE F
8	MIRROR (18"x30")	ASI 0620-2436	40" A.F.F. TO BOTTOM	NOTE C
9	TRASH RECEPTACLE	ASI 0458	41"-45" 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	ASI 0852	24" TO TOP OF UNIT	WOMEN'S RESTROOM ONLY
12	SEAT COVER DISPENSER (OPTIONAL)	ASI 0477 SM		(OPTIONAL)
13	WALL SHELF	ASI 0692-516 (5"x16")	42" A.F.F. FOR ADA; NOTE C	(OPTIONAL)

**NOTES**

NOTE A: OPERATING CONTROLS OF ALL HAND DRYERS, SOAP DISPENSERS AND MULTI PURPOSE 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 #ETF-600-B-BDT, W/ TRANSFORMER #EL-154 AND 0.5 GPM AERATOR #ETF-1024-A.

**TANK TOILET (STANDARD):**  
 STANDARD OPTION: AMERICAN STANDARD CADET PRO RIGHTHEIGHT ELONGATED 1.28 GPF #215AA.104 (LEFT TRIP) #215AA.105 (RIGHT TRIP)  
 PRESSURE-ASSIST OPTION: AMERICAN STANDARD CADET FLOWISE WIGHTHEIGHT ELONGATED, PRESSURE ASSIST 1.1 GPF #2467.00 (LEFT TRIP) #2467.XXX (SPECIFY RIGHT TRIP)

**TANKLESS TOILET (OPTIONAL):**  
 AMERICAN STANDARD MADERA FLOWISE ELONGATED, 1.28 GPF #3043.001  
 MANUAL FLUSH (STANDARD): SLOAN REGAL 111.1.28 (3782655) REGAL 186-1  
 AUTOMATIC FLUSH (OPTIONAL): SLOAN 8111-1.28 (3790071) EXPOSED, BATTERY POWERED, SENSOR ACTIVATED DUAL FLUSH FLUSHOMETER.

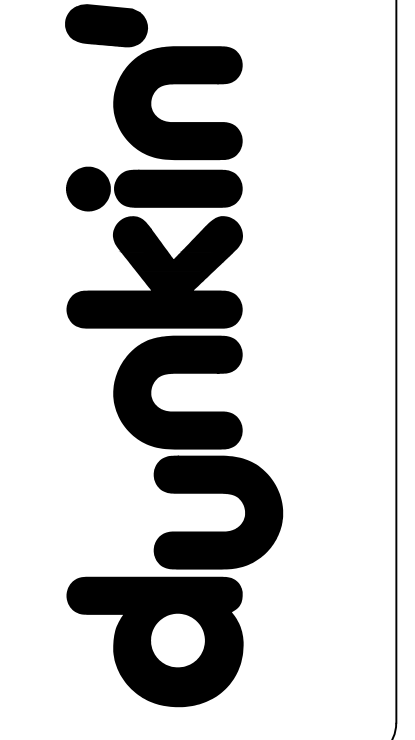
**URINAL:**  
 AMERICAN STANDARD WASHBROOK FLOWISE 0.5 GPF HIGH EFFICIENCY URINAL #6590.001  
 MANUAL FLUSH (STANDARD): SLOAN REGAL 111.1.28 (3782655) REGAL 186-1  
 AUTOMATIC FLUSH (OPTIONAL): SLOAN 8186-0.5 (3790088) TOUCH-FREE OPERATION, METAL COVER, OVERRIDE BUTTON & FLUSH METER BODY LESS HANDLE OPENER.  
 WATERLESS URINAL (OPTIONAL - DD FLITE):  
 SLOAN WATERFREE URINAL WITH SLOANTEC GLAZE WES-4000-STG (1074000)

1. LOW FLOW PLUMBING FIXTURES MUST MEET FLUSHFLOW FIXTURE 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:** RESTROOM REMODELS  
 CONTACT INFO: 15 HAMMATT ST. - PO BOX 34  
 IPSWICH, MA 01938  
 PHONE: 617-500-2554 / FAX: 617-845-0350  
 WWW.RESTROOMREMODELS.COM  
 SALES@RESTROOMREMODEL.COM

**NEWTON DISTRIBUTORS:** VENDOR CONTACT: PEDRO GRULLON  
 P: 877-837-7745  
 E: PEDRO@NEWTONDISTRIBUTING.COM  
 WWW.NEWTONDISTRIBUTING.COM



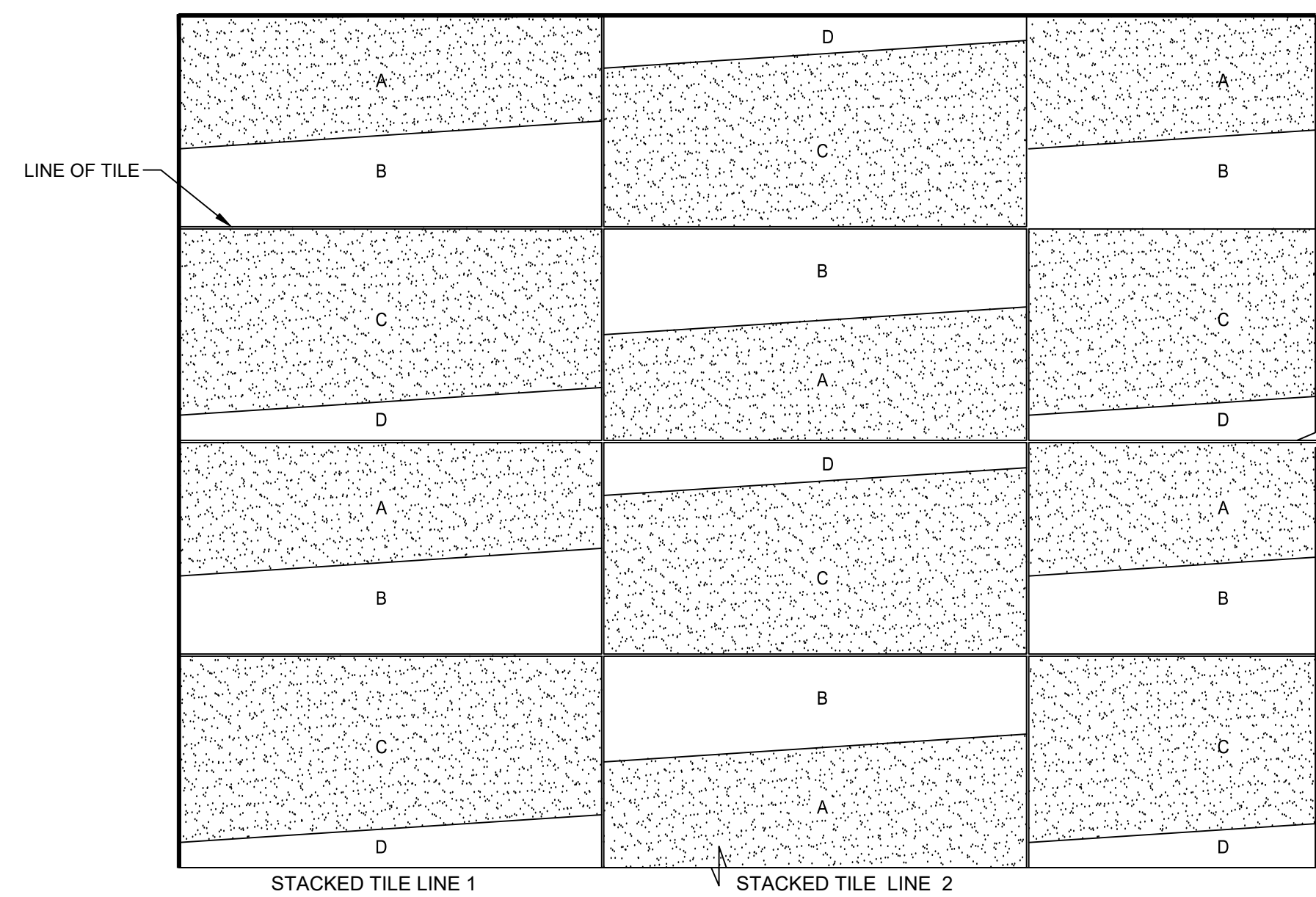
**JAMES D. SMITH ARCHITECTS**  
 522 BAY LANE  
 CENTERVILLE, MA 02632  
 PHONE: 508-357-5920  
 EMAIL: JAMES@SMITHARCHITECTS.NET



NO.	DESCRIPTION	BY	DATE
1	INITIAL ISSUE	JDS	08/13/23

JOB LOCATION: CAMBRIDGE, MA  
 655 MASS. AVENUE  
 INTERIOR ELEVATIONS  
 IMAGE TYPE: NEXT GEN OMNI  
 COOL PALETTE  
 CONSTRUCTION: REMODEL

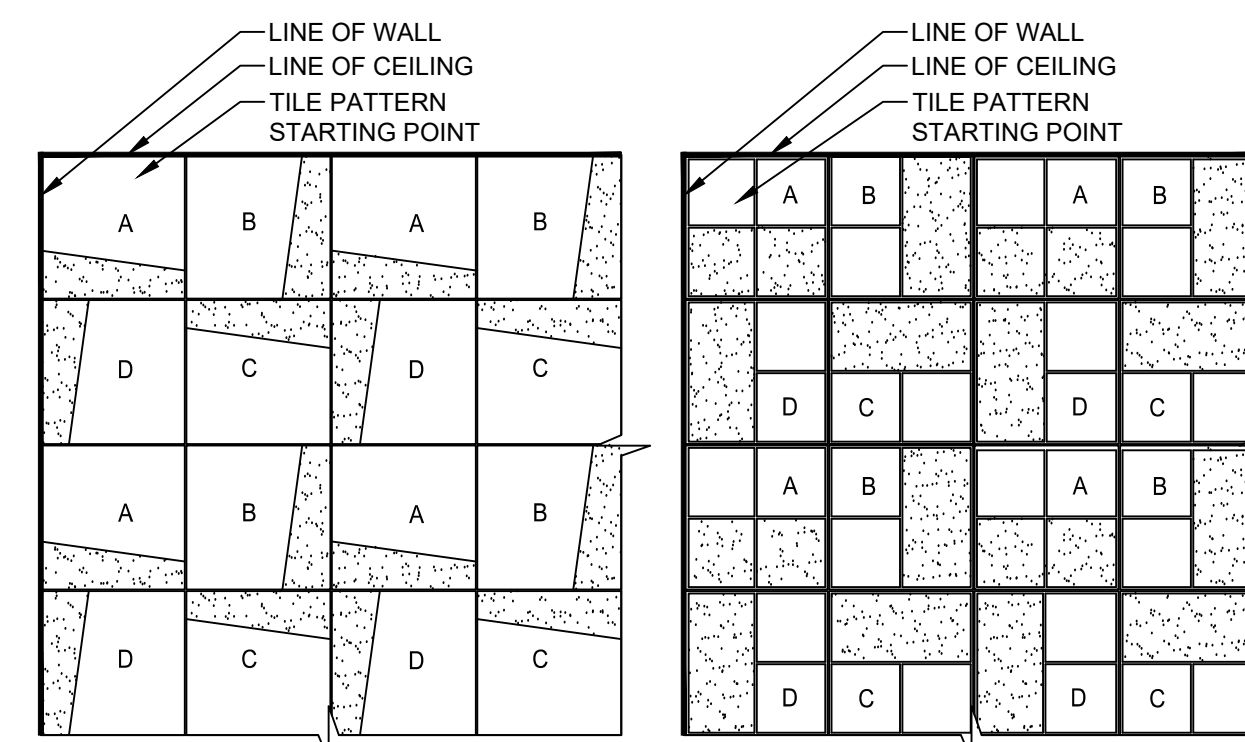
SHEET  
**A-8.1**  
 JOB#: D23033  
 DATE: 08/13/23  
 PC#: 364942  
 C.M.: MARK DONAHOE



NOTES:  
TILE PATTERN  
TO BE RANDOM.

1 WALL TILE (WT-01) INSTALLATION PATTERN @ BACKLINE/ SERVICE AREA

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

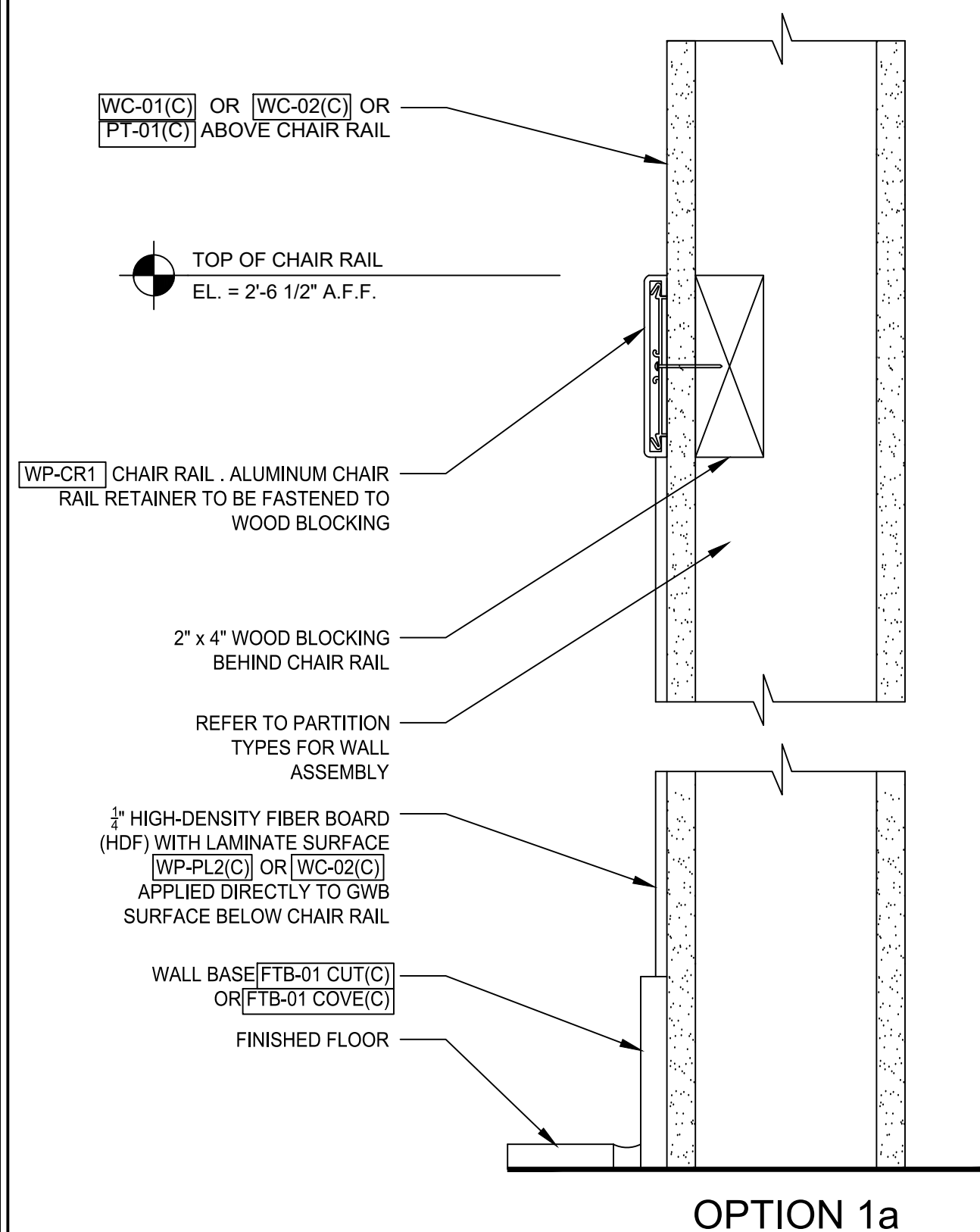


NOTES:  
TILE PATTERN TO BE RANDOM. INSTALL PER THE GUIDELINES BELOW:  
• TILE A - START OF TILE PATTERN.  
• TILE B = TILE "A" ROTATED COUNTER CLOCKWISE 90 DEG.  
• TILE C = TILE "B" ROTATED COUNTER CLOCKWISE 90 DEG.  
• TILE D = TILE "C" ROTATED COUNTER CLOCKWISE 90 DEG.

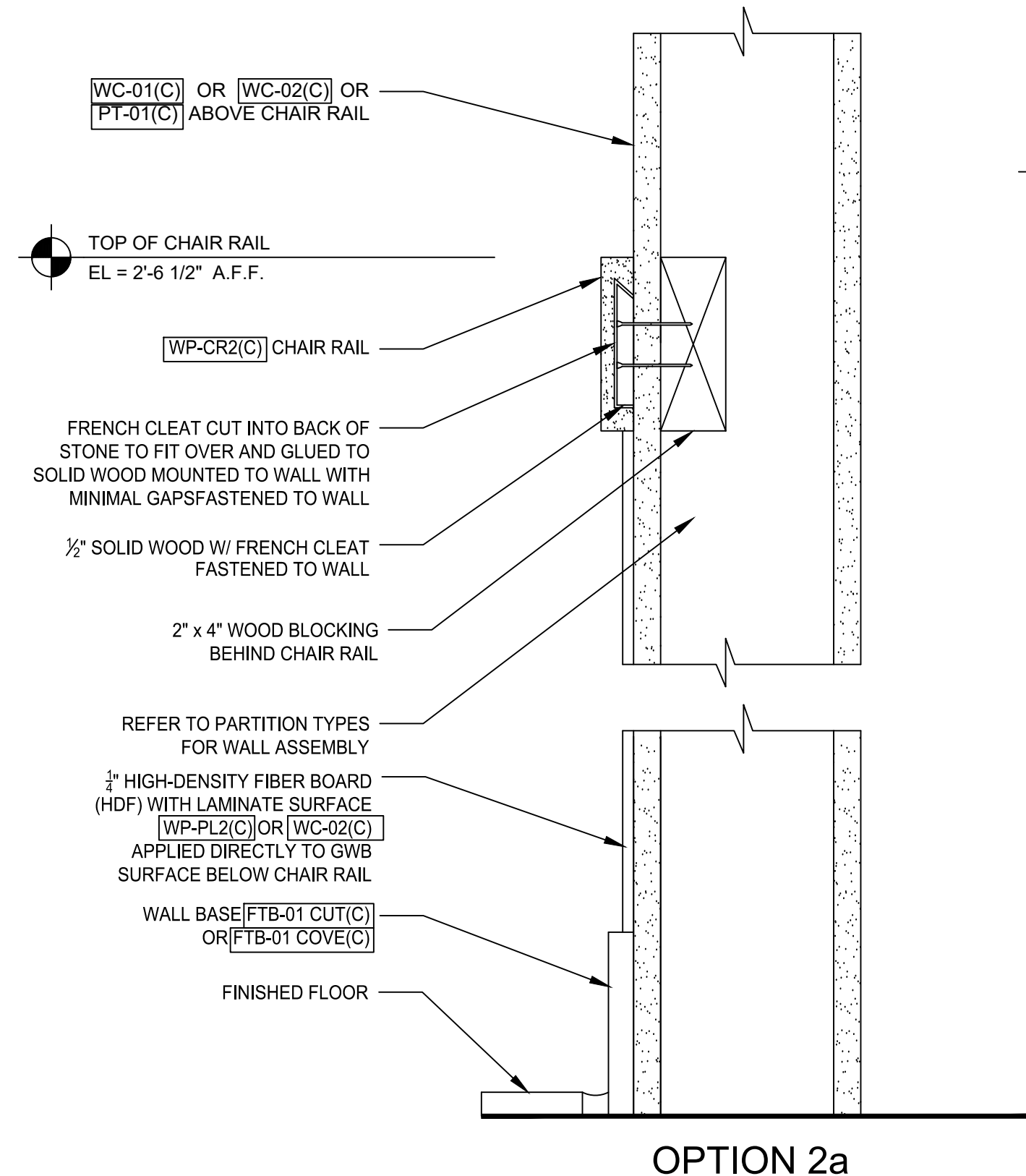
NOTES:  
TILE PATTERN TO BE RANDOM. INSTALL PER THE GUIDELINES BELOW:  
• TILE A - START OF TILE PATTERN.  
• TILE B = TILE "A" ROTATED COUNTER CLOCKWISE 90 DEG.  
• TILE C = TILE "B" ROTATED COUNTER CLOCKWISE 90 DEG.  
• TILE D = TILE "C" ROTATED COUNTER CLOCKWISE 90 DEG.

2 ACCENT WALL TILE (WT-04) INSTALL. PATT. @ REST-RM

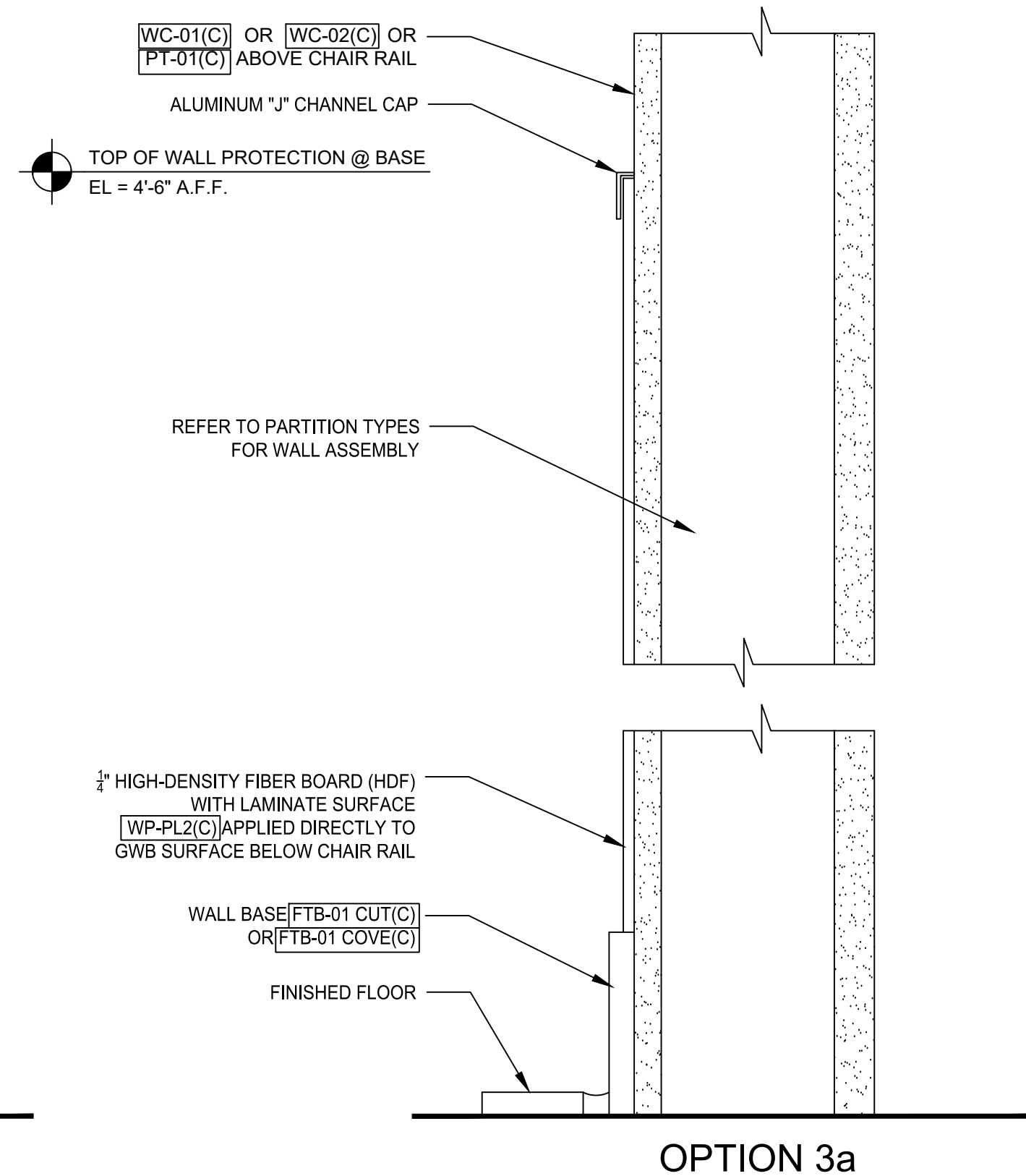
1 1/2" = 1'-0" NOTE:



OPTION 1a



OPTION 2a

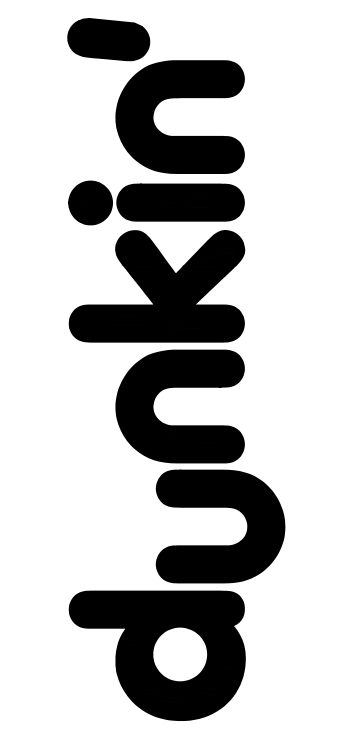


OPTION 3a

NOTES:  
1. CHAIR RAIL TO BE FASTENED TO STUDS; PROVIDE BLOCKING AS REQUIRED.  
2. ALL OUTSIDE CORNERS TO RECEIVE ACROVYN 4000 SERIES 1 1/2" x 1 1/2" "BRUSHED NICKEL", CORNER GUARDS, FROM TOP OF WALL BASE TO 5'-6" A.F.F. TO BE CUT DOWN @ CHAIR RAIL AND CONTINUE ABOVE; PROVIDE CORRESPONDING CHAIR RAIL CORNER PIECE AS NEEDED. REFER TO NATIONAL ACCOUNT FOR FURTHER INFO.

3 WALL PROTECTION OPTIONS AND DETAILS - COOL PALETTE

3" = 1'-0" NOTE:



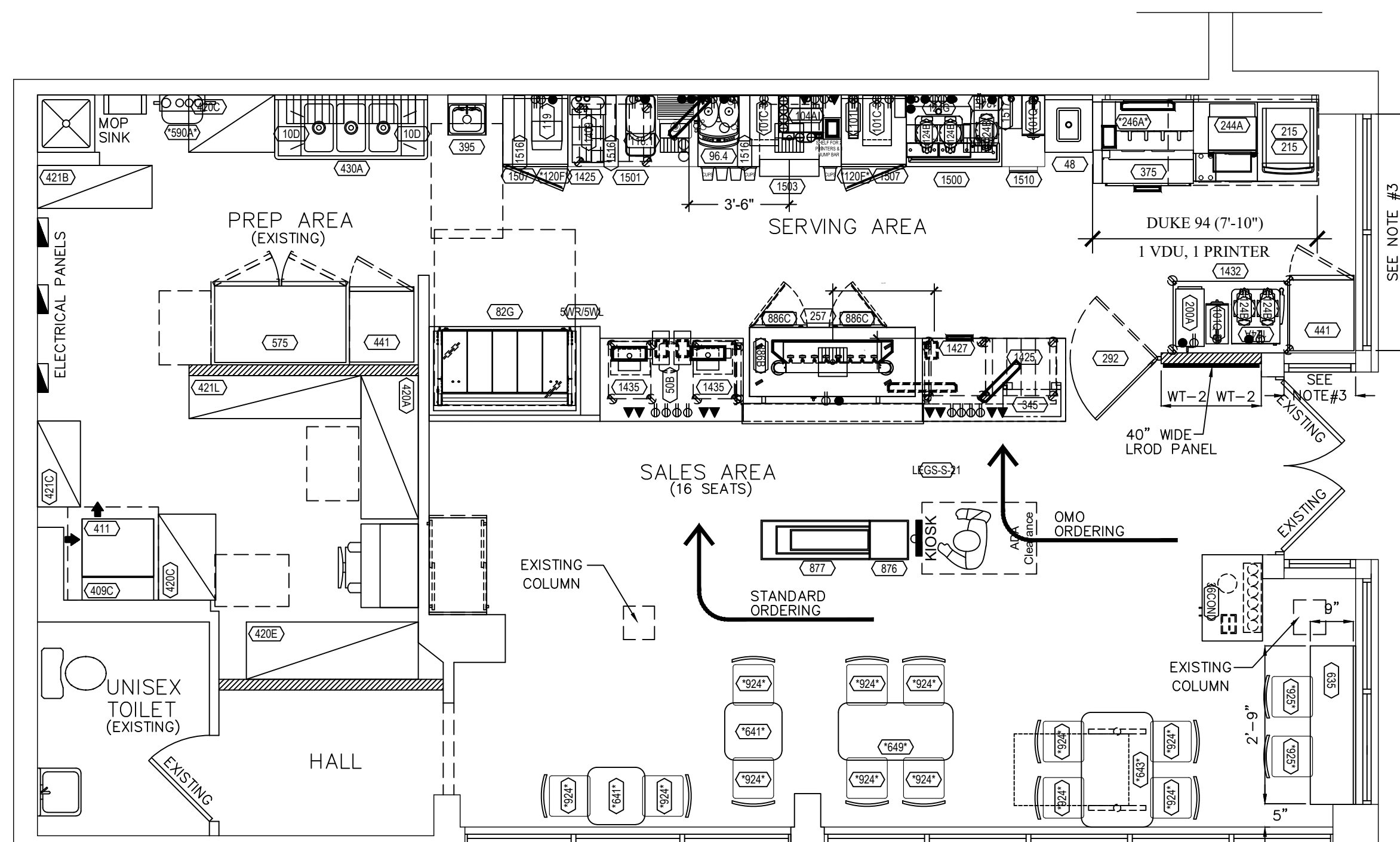
**JAMES D. SMITH ARCHITECTS**  
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CENTERVILLE, MA 02632  
PHONE: 508-357-8920  
EMAIL: JAMES@SMITH1@COMCAST.NET



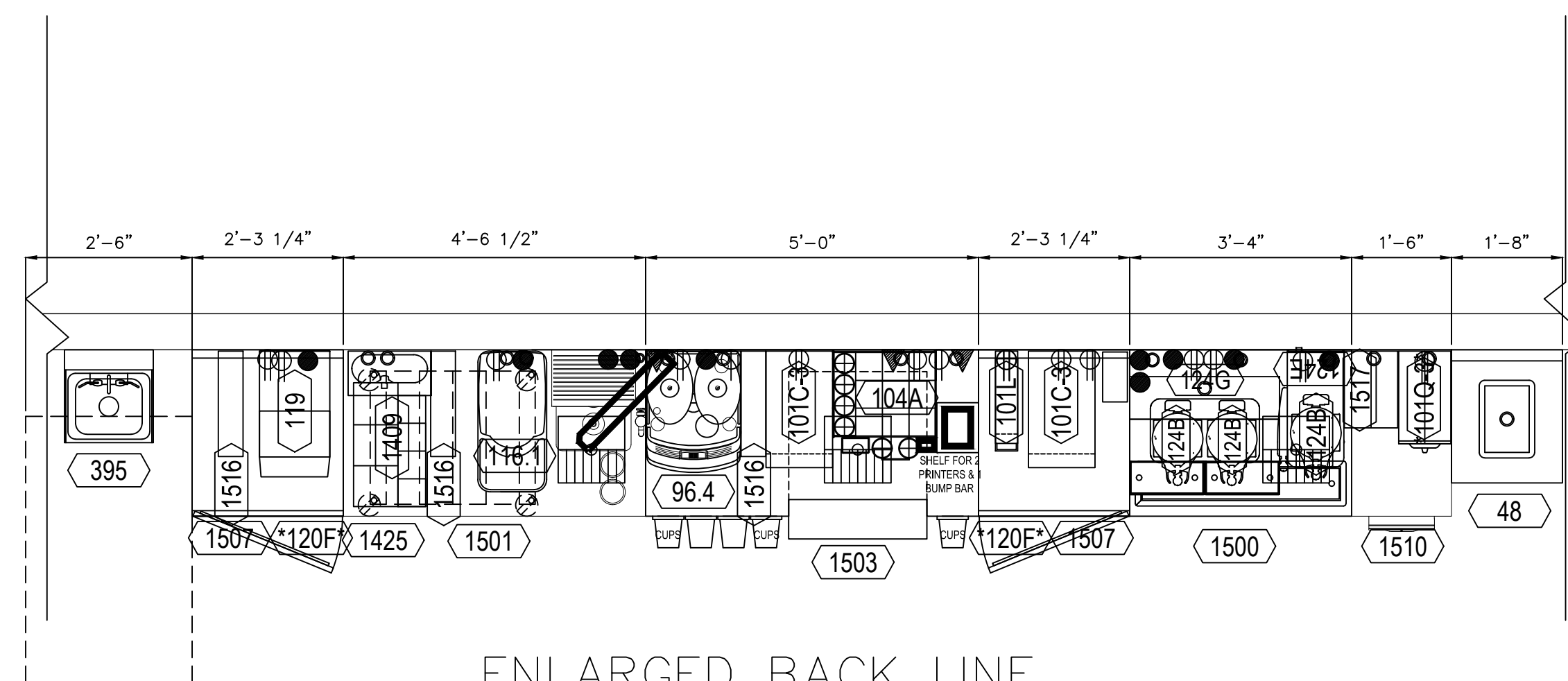
NO.	DESCRIPTION	BY	DATE
INITIAL	ISSUE	INOM	08/13/23

JOB LOCATION:  
**CAMBRIDGE, MA**  
655 MASS. AVENUE  
**INTERIOR DETAILS**  
CONSTRUCTION: REMODEL  
IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

SHEET  
**A-9.0**  
JOB#: D23033  
DATE: 08/13/23  
PC#: 364942  
C.M.: MARK DONAHOE

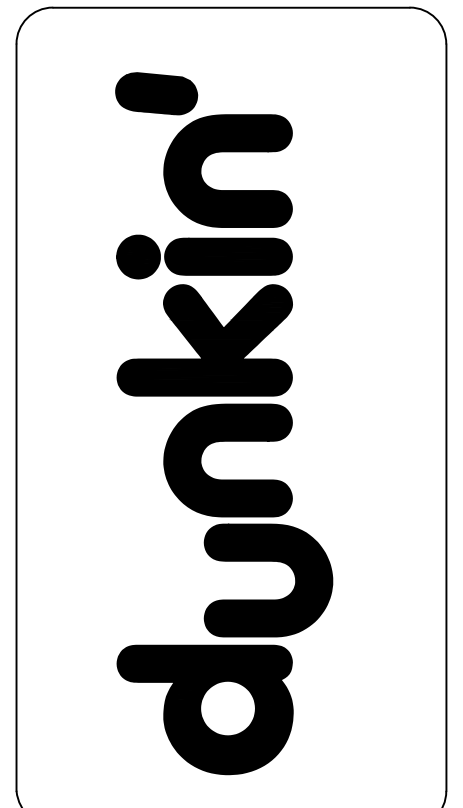


**EQUIPMENT PLAN**  
SCALE: 1/4" = 1'-0"

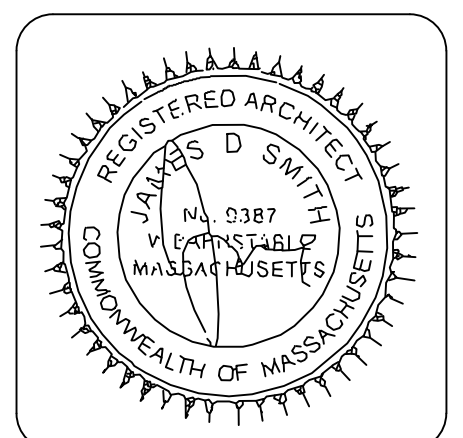


**ENLARGED BACK LINE**  
SCALE: 1/2" = 1'-0"

OMNI STATIONS EQUIPMENT SCHEDULE				
NUMBER	QTY.	DISCRIPTION	MANUF.	MODEL
1409	1	POWDER PUMP	WREFAB	WF36260
1422	0	DRIVE-THRU CASH CART (42"X24")	METRO	DD2442CS
1423	0	DRIVE-THRU CASH CART (48"X24")	METRO	DD2448CS
1424	0	DRIVE-THRU CASH CART (60"X24")	METRO	DD2460CS
1425	2	30" CUP CART (HOS/BACKLINE)	METRO	DD2430CLC
1426	0	24" FC POS CART	METRO	DD2424POS
1427	1	24" HOS CART	METRO	DD24240TG
1432	1	48" WORKTABLE WITH CASTERS & SHELVING	METRO	DB304834WT
1433	0	60" WORKTABLE WITH CASTERS & SHELVING	METRO	DB306034WT
1435	2	18" FC POS CART	METRO	DD1824POS
1436	0	24" WORKTABLE WITH CASTERS & SHELVING	METRO	DB243034WT
1439	0	14" X 36" OMO CART	METRO	1436OMO
1445	0	DRIVE-THRU CART (14"D 30"W 59"H)	METRO	DD-DT300MO
1500	1	HVB COFFEE CART	FRANKE	18017419
1501	1	DUMP SINK TABLE/ESPRESSO-RIGHT	FRANKE	18019859
1502	0	DUMP SINK TABLE/ESPRESSO-LEFT	FRANKE	18017898
1503	1	ICE BIN/INITIATOR STATION-RIGHT	FRANKE	18017813
1504	0	ICE-BIN INITIATOR STATION-LEFT	FRANKE	18017755
1505	0	HOT WINTER BEVERAGE CABINET (24"X30")	FRANKE	18017716
1507	2	WORKTOP RISER FOR UCR	FRANKE	18018506
1508	0	TRASH/COMPOST (32"X30")	FRANKE	18018667
1510	1	TRASH/COMPOST FRONT TO BACK (18"X30")	FRANKE	18017833
1513	0	MOBILE FILLER TABLE (18" X 30")	FRANKE	18018324
1516	3	LID HOLDER - 1 WIDE 4 TALL	FRANKE	18018406
1517	1	DOUBLE LID HOLDER - 2 WIDE 3 TALL	FRANKE	18004125
1519	0	DOUBLE LID HOLDER - 4 WIDE FLAT	FRANKE	18017465
1523	0	6" SIDE MOUNT FILLER	FRANKE	18020121
1529	0	50" DUMP SINK TABLE LEFT	FRANKE	18020079
LEGS-S-21	1	STAINLESS LEG 21"D	FRANKE	18017197
LEGS-S-28	0	STAINLESS LEG 28"D	FRANKE	18018015



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REVISIONS	
NO.	DESCRIPTION
BY	DATE
INITIAL	ISSUE
INCOM	08/09/23

JOB LOCATION:  
**CAMBRIDGE, MA**  
655 MASS. AVENUE

**EQUIPMENT PLAN;  
SCHEDULES**

CONSTRUCTION:REMODEL IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

SHEET  
**K-1.0**

JOB#: D23033  
DATE: 08/08/23  
PC#: 364942  
C.M.: MARK DONAHOE

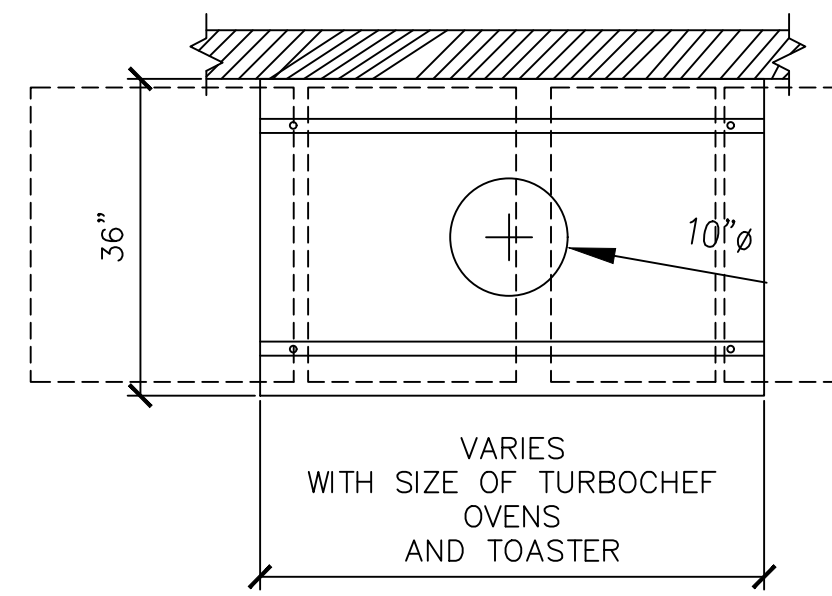


**HOOD CONTROL SEQUENCE OF OPERATIONS**

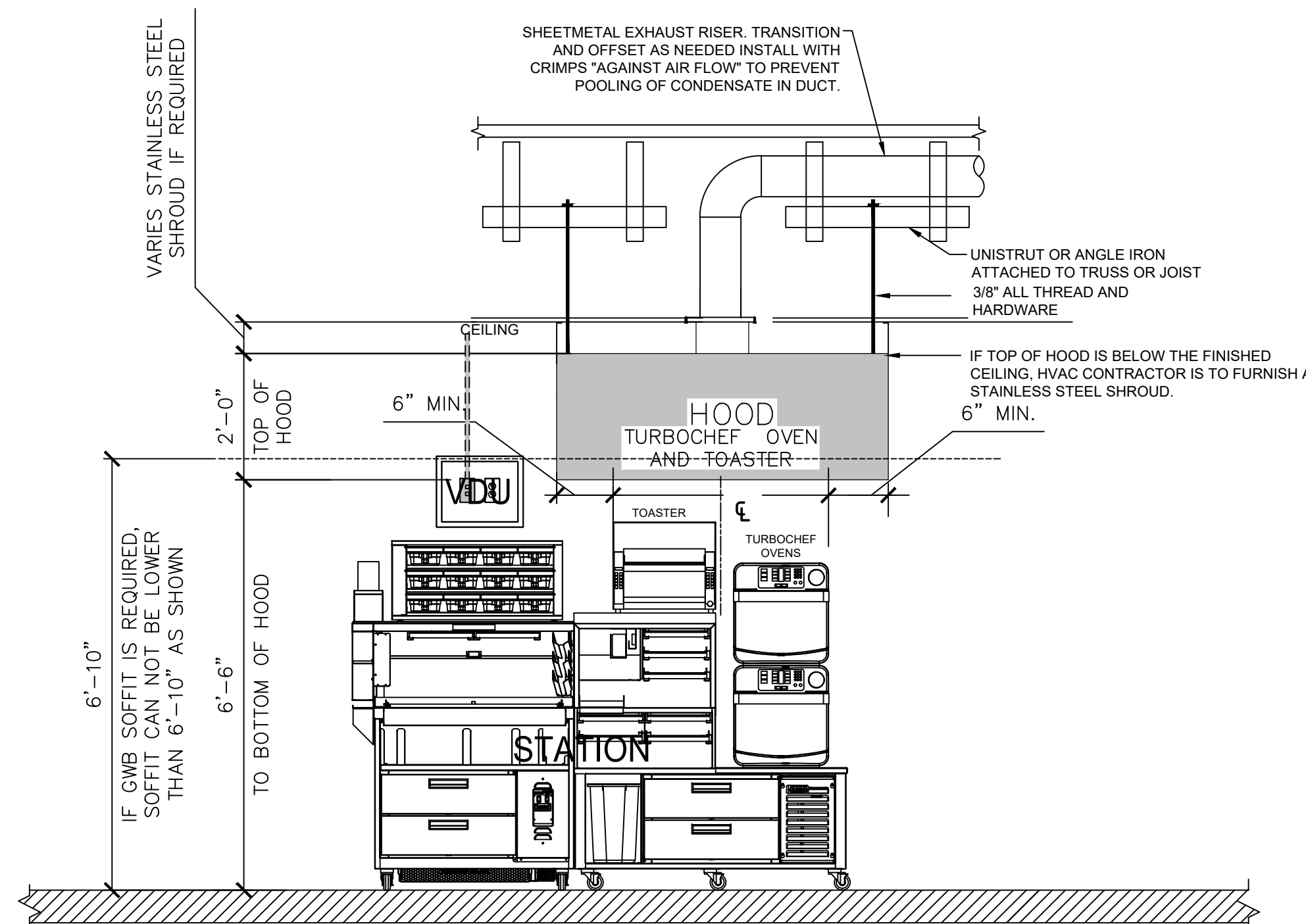
- MANUAL CONTROL:**
- TO TURN ON THE HOOD SYSTEM, PUSH THE FAN AND LIGHTS BUTTONS ON THE TOUCH SCREEN USER INTERFACE. THE FANS AND LIGHTS WILL TURN ON AND THE INDICATING LIGHTS ADJACENT TO THE BUTTONS WILL ILLUMINATE INDICATING THE FANS AND LIGHTS ARE ON.
  - TO TURN OFF THE HOOD SYSTEM, PUSH THE FAN 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.

**GENERAL 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.

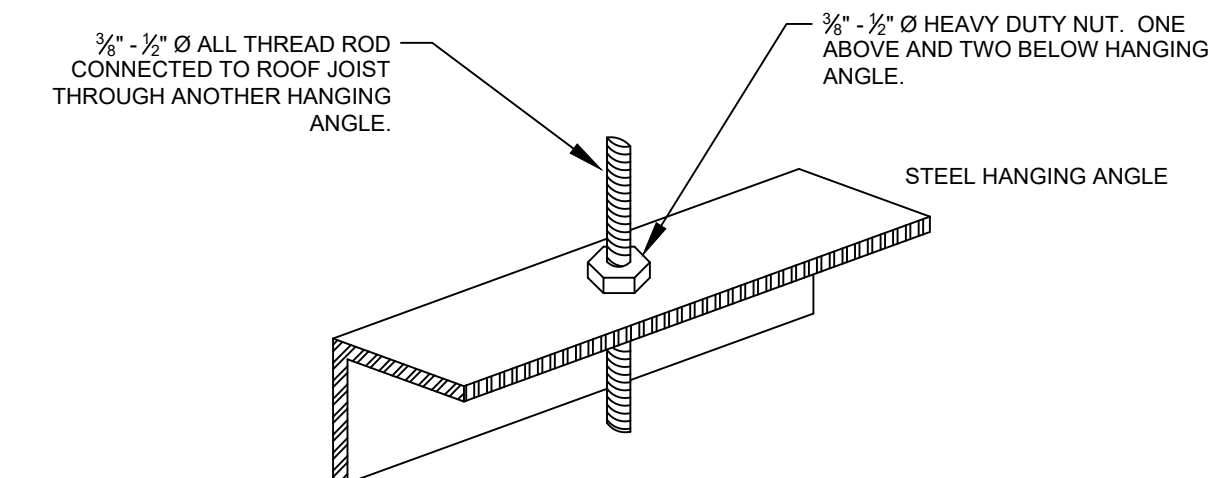


**PLAN VIEW**



**ELEVATION VIEW**

DESIGN PROFESSIONAL TO DESIGN HOOD FOR EVERY LOCATION PER CRITERIA SHOWN



**3 HANGING ANGLE DETAIL**

NONE

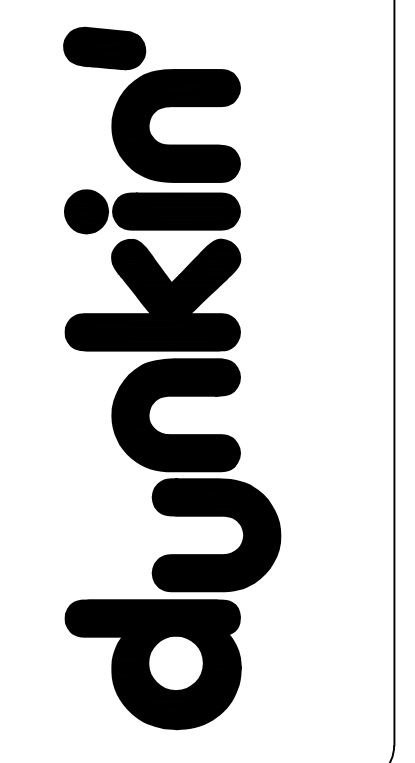
**HOODS SHALL BE BUILT IN COMPLIANCE WITH**

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

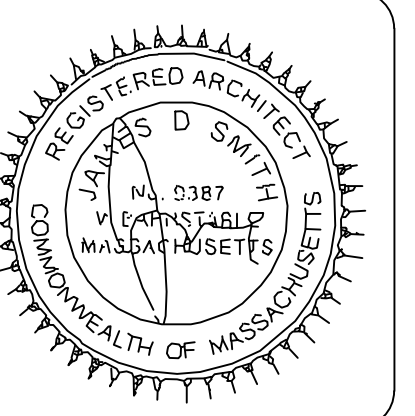
EXHAUST FAN AND GRILL WITH METAL CEILING TILES OVER THE OVENS AND TOASTERS IS THE MINIMUM REQUIREMENT PER DBI STANDARDS. THE ARCHITECT / ENGINEER IS RESPONSIBLE IN DETERMINING IF AN ACTUAL HOOD IS THE MINIMUM REQUIRED PER LOCAL JURISDICTION.

1 HOOD 1 - NOT USED  
NONE

2 HOOD 2 - ELEVATION AND PLAN  
NONE



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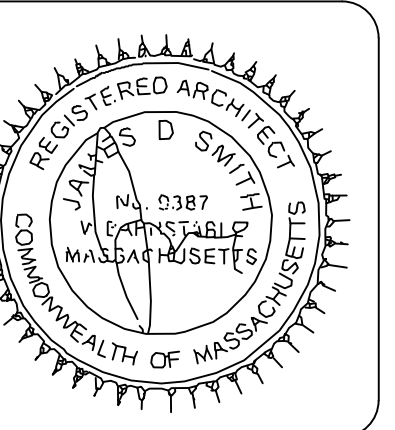


NO.	DESCRIPTION	BY	DATE
1	INITIAL ISSUE	NSM	08/13/23

JOB LOCATION: CAMBRIDGE, MA  
655 MASS. AVENUE  
SANDWICH STATION HOOD INFORMATION  
CONSTRUCTION-REMODEL IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

SHEET  
**M-2.0**  
JOB#: D23033  
DATE: 08/13/23  
PC#: 364942  
C.M.: MARK DONAHOE





NO.	DESCRIPTION	BY	DATE
1	INITIAL ISSUE	INOM	08/13/23

JOB LOCATION: CAMBRIDGE, MA  
655 MASS. AVENUE

ELECTRIC POWER PLAN;  
NOTES; PANELBOARDS; LEGEND

IMAGE TYPE: NEXT GEN OMNI  
CONSTRUCTION: REMODEL

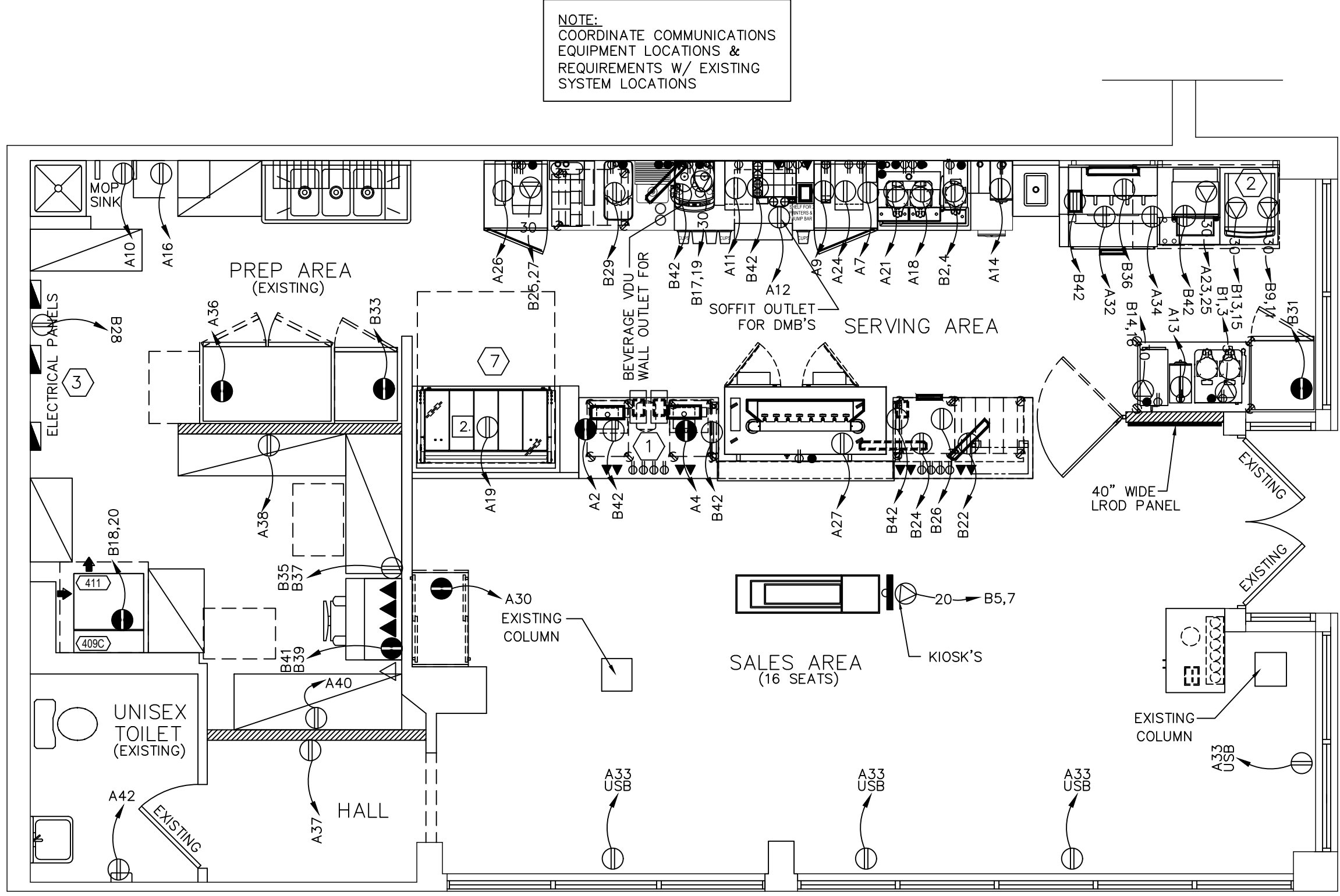
VOLTAGE: 120/208 PHASE: 3 BUS AMPS: 150 WIRE: 4 MAIN LUGS ONLY FED FROM: MAIN DISTRIBUTION PANELBOARD		LOCATION: REAR WALL MOUNTING: SURFACE REMARKS: PANEL RATED AT 42,000 A.I.C.							
CKT	DESCRIPTION	BREAKER AMP	LOAD KVA	PHASE	CKT	DESCRIPTION	BREAKER AMP	LOAD KVA	PHASE
1	LIGHTING • P/S	20	1.5	A	2	CASH REGISTER *** SS	15	.2	A
3	LIGHTING • P/S	20	1.5	B	4	CASH REGISTER *** SS	15	.2	B
5	LIGHTING • P/S	20	1.5	C	6	SPARE	15		C
7	MULTI-SWEETNER DISP.	20	0.1	A	8	SPARE	15		A
9	DAIRY DISPENSER	20	0.36	B	10	WATER HEATER	20	.2	B
11	DAIRY DISPENSER	20	0.36	C	12	DIGITAL MENU BOARD	20	.6	C
13	COFFEE GRINDER	20	1.32	A	14	COFFEE GRINDER	20	1.32	A
15	EXTERIOR SIGNS	20	1.5	B	16	WATER BOOSTER PUMP	20	.2	B
17	LIGHTS, EXIT & EMERG.	20	1.5	C	18	SH TWIN STAND	20	0.3	C
19	BAKERY CASE	20	.9	A	20	SPARE	20		A
21	SH TWIN STAND	20	0.3	B	22	SPARE	20		B
23	DUAL LANE TOASTER	30	2.5	C	24	UNDERCOUNTER REFRIG.	20	.6	C
25		2.5	A	26	UNDERCOUNTER REFRIG.	20	.6	A	
27	B TAP BEV UNIT	20	1.3	B	28	SPARE	20		B
29	SPARE	20	1	C	30	BEVERAGE COOLER	20	.6	C
31	SAPRE	20	1	A	32	HOT HOLDING UNIT	20	1.2	A
35	SPARE	20	1	C	34	REFRIG. SANDWICH UNIT	20	1.5	B
37	GENERAL OUTLETS	20	1.5	A	36	REACH-IN FREEZER	20	1.5	C
39	SPARE	20	1	B	40	GENERAL OUTLETS	20	1.5	B
41	FIRE WARNING SYSTEM	20	.5	C	42	HAND DRYER	20	1.8	C

PHASE A LOAD: 12.64 KVA  
PHASE B LOAD: 10.06 KVA  
PHASE C LOAD: 11.76 KVA  
TOTAL CONNECTED LOAD: 34.46 KVA

• P/S = PANEL SWITCHED \*\*\* SS = SURGE SUPPRESS  
• TC = TIME CLOCK CONTROL

VOLTAGE: 120/208 PHASE: 3 BUS AMPS: 200 WIRE: 4 MAIN LUGS ONLY FED FROM: MAIN DISTRIBUTION PANELBOARD		LOCATION: REAR WALL MOUNTING: SURFACE REMARKS: PANEL RATED AT 42,000 A.I.C.									
CKT	DESCRIPTION	BREAKER AMP	LOAD KVA	PHASE	CKT	DESCRIPTION	BREAKER AMP	LOAD KVA	PHASE		
1	SH TWIN COFFEE MAKER	50	2	4.05	A	2	SW SINGLE WITH 3500W	30	2	1.75	A
3			4.05	B	4					1.75	B
5	KIOSK	20	2	2.1	C	6	SPARE	20	2		C
7			2.1	A	8	SPARE	20	2		A	
9	TURBOCHEF BULLET OVEN	30	2	3.0	B	10	SPARE	20	2		B
11			3.0	C	12						C
13	TURBOCHEF BULLET OVEN	30	2	3.0	A	14	ICED COFFEE BREWER	30	2	2.0	A
15			3.0	B	16					2.0	B
17	COFFEE ART ESPRESSO	30	2	3.12	C	18	ICE MACHINE	20	2	1.7	C
19			3.12	A	20						A
21	SPARE	20	2		22	V.D.U. OUTLET	20	1	.5	B	
23				B	24	V.D.U. OUTLET	20	1	.5	C	
25	HOT WINTER BEVERAGE	30	2	2.26	A	26	WATER CHILLER (FUTURE)	20	1	.5	A
27			2.26	B	28	PANEL	20	1	.5	B	
29	ISLAND OASIS	20	1	0.7	C	30	SPARE	20	1		C
31	REACH-IN REFRIGERATOR	20	1	1.5	A	32	SPARE	20	1		A
33	REACH-IN REFRIGERATOR	20	1	1.5	B	34	SPARE	20	1		B
35	OFFICE	20	1	1.5	C	36	V.D.U. OUTLET	20	1	.5	C
37	OFFICE	20	1	1.5	A	38	SPARE	20	1		A
39	SOUND SYSTEM	20	1	0.5	B	40	T.V. OUTLET	20	1	.5	B
41	OFFICE COMPUTER	20	1	0.5	C	42	PRINTER(S)	20	1	1.0	C

PHASE A LOAD: 23.48 KVA  
PHASE B LOAD: 19.56 KVA  
PHASE C LOAD: 14.62 KVA  
TOTAL CONNECTED LOAD: 57.66 KVA



### ELECTRIC POWER PLAN

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

- #### GENERAL NOTES:
- ALL UNDERGROUND CONDUIT SHALL BE PVC, PROVIDE GALVANIZED STEEL SLEEVE WHEN PASSING THROUGH THE FOUNDATION WALL, CONCRETE FLOOR, EXTEND CONDUIT 6" ABOVE THE FINISHED FLOOR AND PROVIDED WITH PROTECTIVE GROMMET.
  - ALL CONDUIT SHALL BE BURIED AT LEAST 18" BELOW FINISHED GRADE.
  - ALL INSTALLED CONDUIT SHALL BE PROVIDED WITH A PULL STRING.
  - LOOP PLACEMENT IS DEFINED IN TERMS OF WHERE THE VEHICLE ENGINE BLOCK WOULD BE OVER THE LOOP IF THE CENTER OF THE DRIVER'S SIDE WINDOW IS AT THE SERVICE POINT. THE GOAL IS TO ENSURE THERE IS ONLY ROOM FOR ONE VEHICLE BEHIND THE PREVIOUS LOOP AND THE MERGE POINT; THIS IS HOW SEQUENCING IS POSSIBLE.
  - ALL LOOP CONDUITS SHALL ROUTE BACK TO DRIVE THRU TIMER MONITOR ADJACENT TO DRIVE THRU WINDOW.
  - MENU BOARD LOW VOLTAGE DATA ROUTES BACK TO THE OFFICE.

### CONVENIENCE POWER NOTE

NOTE: CONVENIENCE POWER IS NOT PROVIDED ON THIS PLAN. LOCATIONS FOR CONVENIENCE POWER TO BE REVIEWED W/ FRANCHISEE. TYPICAL LOCATIONS FOR ADDITIONAL OUTLETS: FRONT AND BACK LINE COUNTERS, OFFICE, ABOVE CEILING IN SALES AREA AND VESTIBULE, ROOF FOR HOLIDAY LIGHTING.

- #### NOTE:
- COORDINATE ALL EQUIPMENT UTILITY INFORMATION SHOWN ON THIS SHEET WITH THE DUNKIN' BRANDS EQUIPMENT SCHEDULE AND EQUIPMENT MANUFACTURER'S OUT SHEETS.
  - ALL ELECTRIC INFORMATION SHOWN ON THIS PAGE IS REQUIRED FOR EQUIPMENT - ALL CONVENIENCE POWER LOCATIONS ARE TO BE DETERMINED BY FRANCHISEE.
  - OUTLETS ARE SHOWN FOR POSITIONING PURPOSES ONLY. REFER TO EQUIPMENT SPECIFICATIONS FOR AMOUNT OF POWER TO EACH PIECE OF EQUIPMENT AND TYPE OF RECEPTACLE REQUIRED.
  - PREFERRED ELECTRIC SERVICE IS 120/208V, 3 PH, 4W, 600A.

### ELECTRIC PLAN KEYNOTES

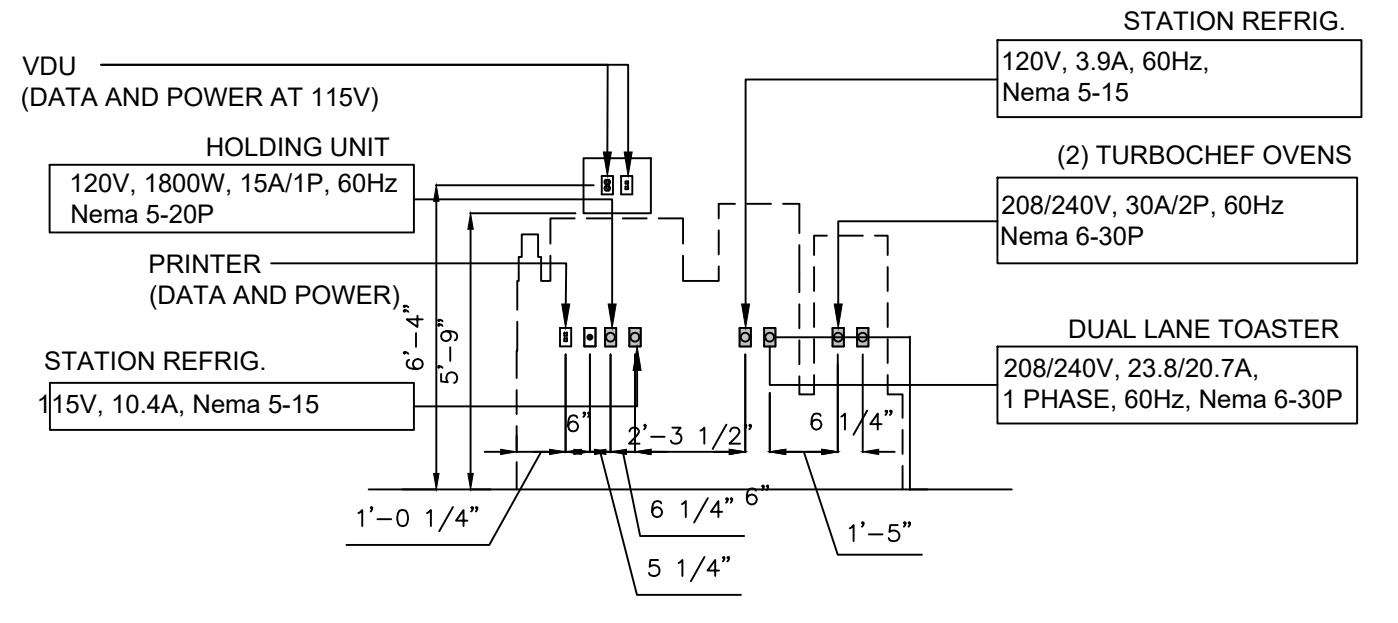
- EXTERIOR LIGHTS, PHOTOCELL ON, TIME CLOCK OFF.
- POWER FOR DISPLAY CASES, BALLAST TO BE MOUNTED IN THE DISPLAY CASE BASE. ALLOW 8' PIG TAIL.
- POWER FOR DRIVE-THRU MENU BOARD. CONNECT TO CKT A22.

### ELECTRIC LEGEND

- ⊗ DUPLX OUTLET 12" A.F.F. UNLESS NOTED OTHERWISE  
G= G.F.I. C= ABOVE COUNTER WP= WATERPROOF  
X = NUMBER OF GANGED DUPLXES IF MORE THAN ONE
- ⊖ POWER OUTLET - 208 VOLT, X = AMPERE
- ⊕ TRANSIENT VOLTAGE SURGE SUPPRESSOR
- ⊗ DUPLX OUTLET
- ⊙ JUNCTION BOX

### TECHNOLOGY REQUIREMENTS

- 1 VDU
- 1 PRINTER
- 1 BUMPS BAR



### SANDWICH STATION POWER ELEVATION

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

### ELECTRICAL WIRING METHOD

- 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.
- MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS NOTED OTHERWISE ON THE PLANS.
- 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.
- 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.
- FLEXIBLE METAL CONDUIT: GALVANIZED OR ZINC METALIZED STEEL, SINGLE STRIP INTERLOCKED CONSTRUCTION AS MANUFACTURED BY TRIANGLE, ANACONDA, AMERICAN FLEXIBLE CONDUIT, ELECTRIC-FLEX, OR EQUAL.
- ELECTRIC METALLIC TUBING (EMT): HOT DIPPED GALVANIZED, MILD STEEL TUBE, ZINC COATED, AS MANUFACTURED BY TRIANGLE, REPUBLIC, WHEATLAND OR EQUAL.
- RIGID NONMETALLIC CONDUIT: SCHEDULE 40 PVC AS MANUFACTURED BY CARLON OR EQUAL.
- METAL CLAD CABLE: TYPE MC, COPPER CONDUCTOR, 600 VOLT THERMOPLASTIC INSULATION, 90 DEG. C, INTERLOCKED STEEL TAPE ARMOR.
- ARMORED CABLE: TYPE AC, COPPER CONDUCTOR, 600 VOLT THERMOPLASTIC INSULATION, 90 DEG. C.
- ANY EXPOSED RACEWAY SHALL BE RUN TRUE, PLUMB AND PARALLEL OR PERPENDICULAR TO BUILDING LINES.
- ALL CONDUCTORS SHALL BE COPPER.
- RACEWAYS SHALL BE SEALED WHERE ENTERING PULL BOXES OR STRUCTURES.
- SINGLE CONDUCTOR CABLES SHALL BE USED FOR FEEDERS AND BRANCH CIRCUIT WIRING (EXCEPT WHERE AC AND MC CABLES 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.
- FEEDERS AND ALL WIRING IN MOST 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.
- WIRING TO RECESSED FIXTURE AND WITHIN FIXTURE RACEWAYS SHALL BE TYPE THHN, #12 AWG MINIMUM.
- EQUIPMENT GROUND. GREEN CONDUCTOR SHALL BE USED.

### POS NOTE

GENERAL CONTRACTOR TO PROVIDE FOR P.O.S. SYSTEM AS SHOWN ON ELECTRICAL DRAWINGS OR, AT MINIMUM THE FOLLOWING CONDUITS:  
A) 2 1/2" I.D. FROM 4x4x3 JUNCTION BOX LOCATED BEHIND OFFICE DESK UP THE WALL TO ABOVE CEILING.  
B) 1" I.D. CONDUIT FROM BEHIND THE DRIVE THRU CASH STATION UP THE WALL TO ABOVE CEILING.  
C) 2"x4" ELECTRICAL BOX 6'-0" A.F.F. WITH 1" CONDUIT IN WALL TO ABOVE CEILING. CENTER 32"x32"x3/4" PLYWOOD BLOCKING IN WALL FOR VDU UNIT.

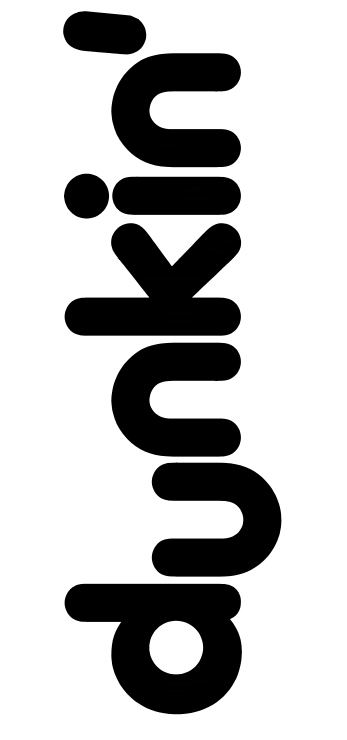
- POS TERMINAL INFORMATION: 110V AC DUPLX OUTLETS
- RECIPT PRINTER INFORMATION: 110V AC DUPLX OUTLETS, SHARED WITH TERMINAL OUTLETS & WIRED DIRECTLY TO TERMINALS
- REMOTE PRINTER INFORMATION: 110V AC DUPLX OUTLETS, WIRED TO TERMINALS VIA RJ-45 J-BOX IN FRONT CABLE CHASE
- VDU INFORMATION: 110V AC DUPLX OUTLETS, & WALL, CEILING, OR PEDESTAL MOUNTING
- OFFICE AREA INFORMATION: 110V AC QUADPLEX OUTLETS, 1 MODEM LINE REQUIRED FOR SUPPORT, & 2ND MODEM LINE OPTIONAL FOR CREDIT CARD PROCESSING
- NETWORK HUB INFORMATION: 110V AC DUPLX OUTLETS, LOCATED IN FRONT COUNTER CABLE CHASE, CONNECTS TO TERMINALS, VDUS, & BACK OFFICE COMPUTER SYSTEM, & ORDER INFORMATION ROUTED TO HUB, THEN TO VDUS & OFFICE

NOTE: "P.O.S." ALL POWER OUTLETS FOR P.O.S. DEVICES ARE DEDICATED CIRCUITS WITH THIRD WIRE ISOLATED GROUND, AN IG IS AN INSULATED WIRE, SEPARATED FROM ALL OTHER GROUND WIRES, RUNNING BACK TO THE BUILDING MAIN OR COMPLEX POWER PANEL. NEMA STANDARD L5-15R I.G. FOR THE RECEPTACLE AND PLUG. USE OF IG DUPLX OR QUADPLEX OUTLETS: (I.E., HUBBELL IG-5262, IG-5362 OR EQUIVALENT).

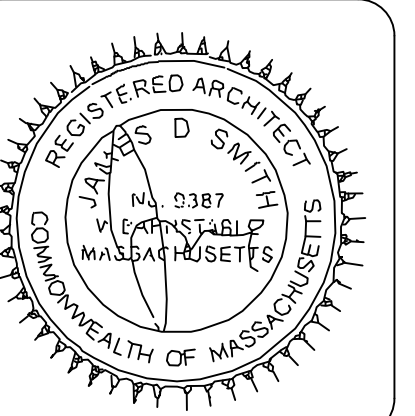
- REFER TO DUNKIN' BRANDS "POS DEPLOYMENT METHODOLOGY" AND APPROVED VENDORS FOR COMPLETE INFORMATION AND SPECIFICATIONS REGARDING POS SYSTEM INSTALLATION.
- RETAIL INFORMATION SYSTEMS EQUIPMENT MUST BE ON DEDICATED CIRCUITS. R.I.S. EQUIPMENT MAY SHARE CIRCUITS WITH OTHER R.I.S. EQUIPMENT, BUT NO OUTSIDE EQUIPMENT SHOULD BE ON THESE CIRCUITS.
- ALL OUTLETS FOR R.I.S. EQUIPMENT SHOULD HAVE A THIRD WIRE ISOLATED GROUND.
- LOCATE ALL RECEPTACLES FOR R.I.S. EQUIPMENT WITHIN 4' OF THE EQUIPMENT THEY SERVE.
- ALL R.I.S. DEVICES AT A REMOTE LOCATION FROM THE HUB SHALL REQUIRE CONDUIT DEDICATED FOR R.I.S. USE. THE MINIMUM SIZE FOR ALL NETWORK CONDUIT IS 1-1/2".
- ALL NETWORK DEVICES REQUIRE CAT 5 CABLE WITH RJ-45 JACKS.
- PROVIDE POWER CONDITIONERS/ UNINTERRUPTED POWER SUPPLIES AS RECOMMENDED/ REQUIRED BY APPROVED VENDORS AND ADSR.
- ALL NETWORK CABLING/ CONDUIT MUST BE LOCATED A MINIMUM OF 12" FROM ANY ELECTRICAL CONDUIT.
- OPTIONAL TELEPHONE JACKS FOR OUTSIDE LINES MAY BE PROVIDED IN OFFICE AREA AND PREP AREA.

### KEYED NOTE

- 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.
- NOT USED.
- PROVIDE JUNCTION BOXES AT TOILETS, SINKS AND OPTIONAL 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 OR 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 BAKERY DISPLAY CASES IN MILLWORK AS REQUIRED. PROVIDE FLEXIBLE CONDUIT WHIP FOR FINAL INSTALLATION AFTER MILLWORK IS INSTALLED. COORDINATE AS REQUIRED.
- CIRCUIT SHALL BE CIRCUITED AND CONTROLLED WITH LIGHTING IN THIS AREA.
- INSTALL UNDER-COUNTER CABLE MANAGEMENT SYSTEM, WIRE MOLD-UTEMS 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.



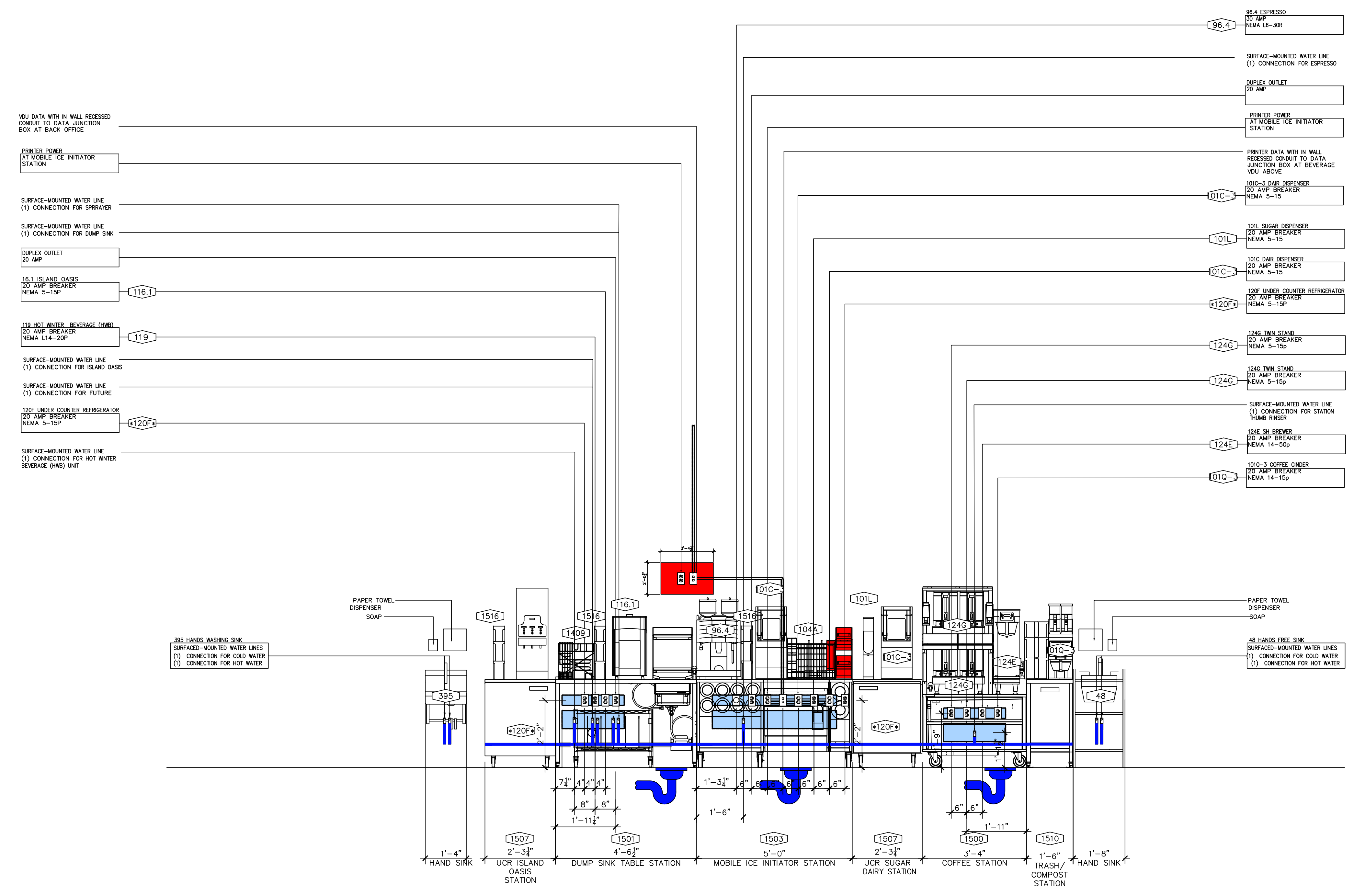
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NO.	DESCRIPTION	BY	DATE
1	INITIAL ISSUE	NCM	08/13/23

JOB LOCATION:  
**CAMBRIDGE, MA**  
 655 MASS. AVENUE  
**BACKLINE UTILITY ELEVATION**  
 CONSTRUCTION: REMODEL  
 IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

SHEET  
**E-2.1**  
 JOB#: D23033  
 DATE: 08/13/23  
 PC#: 364942  
 C.M.: MARK DONAHOE



**POS-COMMUNICATIONS EQUIPMENT SCHEDULE**

POS EQUIP & WIRING BY OTHERS

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

**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
  - IN STALL 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, F'EE 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**

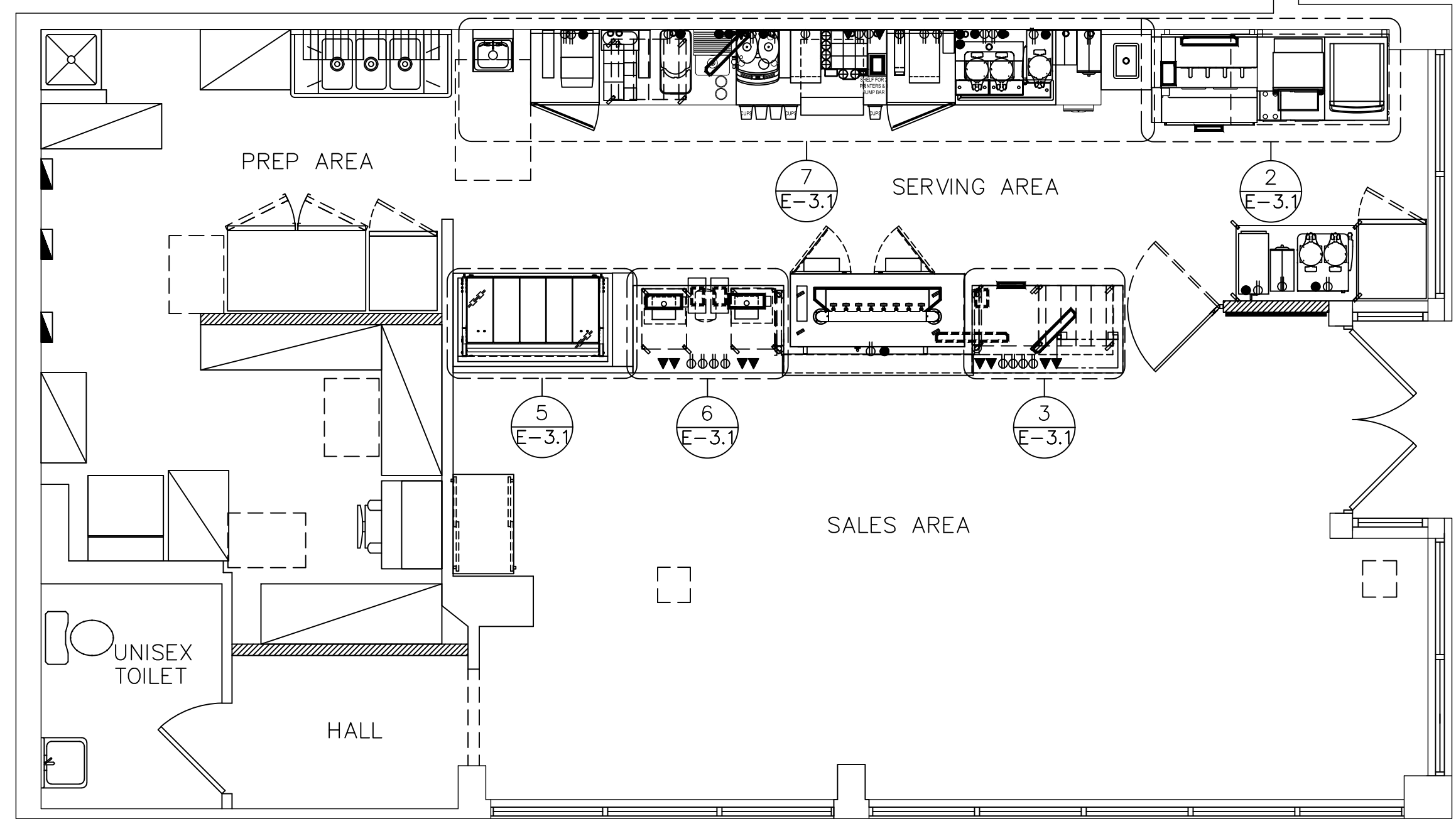
- G.C. TO PROVIDE A POWER / POS STUB UP FROM FLOOR OR A UNISTRUT RAIL SUSPENDED FROM ROOF STRUCTURE @ 10'-6" A.F.F. FOR ELECTRICAL/DATA CONNECTIONS AT ORDER KIOSKS.
- 20A CIRCUIT & (3) CAT-6 DATA CABLES EA - ALL WIRING & FINAL LOC'NS TBD IN FIELD w/ FRANCHISEE & MANUF REQUIREMENTS.
- PROVIDE WIRING FROM KIOSK TO FRONT LINE POS AREA FOR "REMOTE ASSISTANCE" w/ LIGHT AT POS UNIT - CONFIRM ALL REQUIREMENTS w/ MANUF.

**POS LEGEND**

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

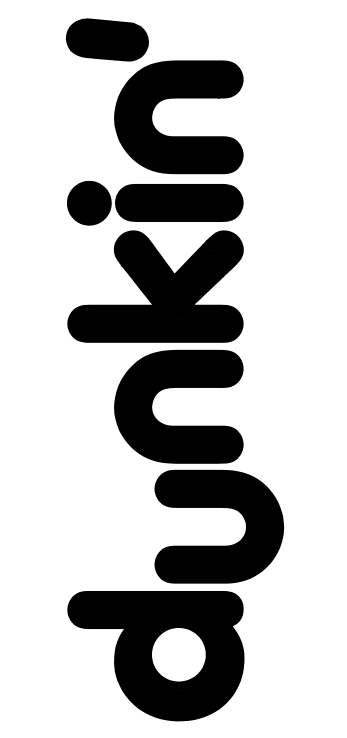
**GENERAL NOTES:**

- 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 OTHER WISE INDICATED.
- ALL LOW VOLTAGE CABLE TERMINATIONS SHALL BE BY THE ELECTRICAL CONTRACOR
- LOW VOLTAGE CABLE RUN IN 1½" 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 - 68" A.F.F.
  - DRIVE THRU - 61" 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/ F'EE



**POS PLAN**

SCALE 1/4" = 1'-0"



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1	INITIAL ISSUE	INGM	08/13/23

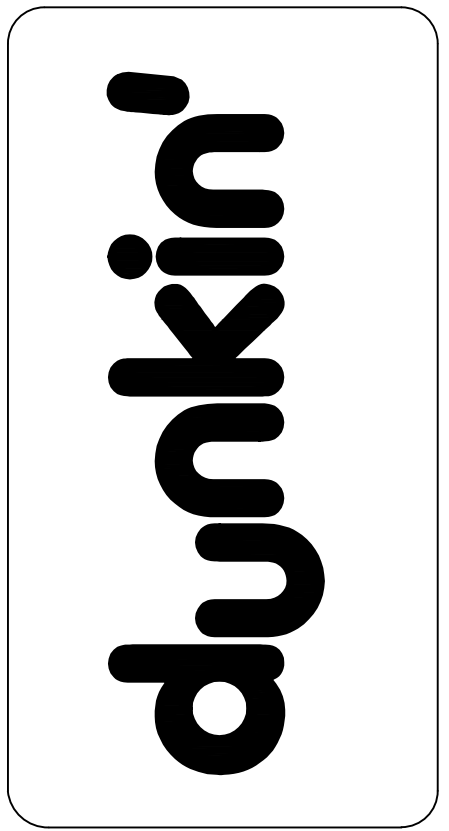
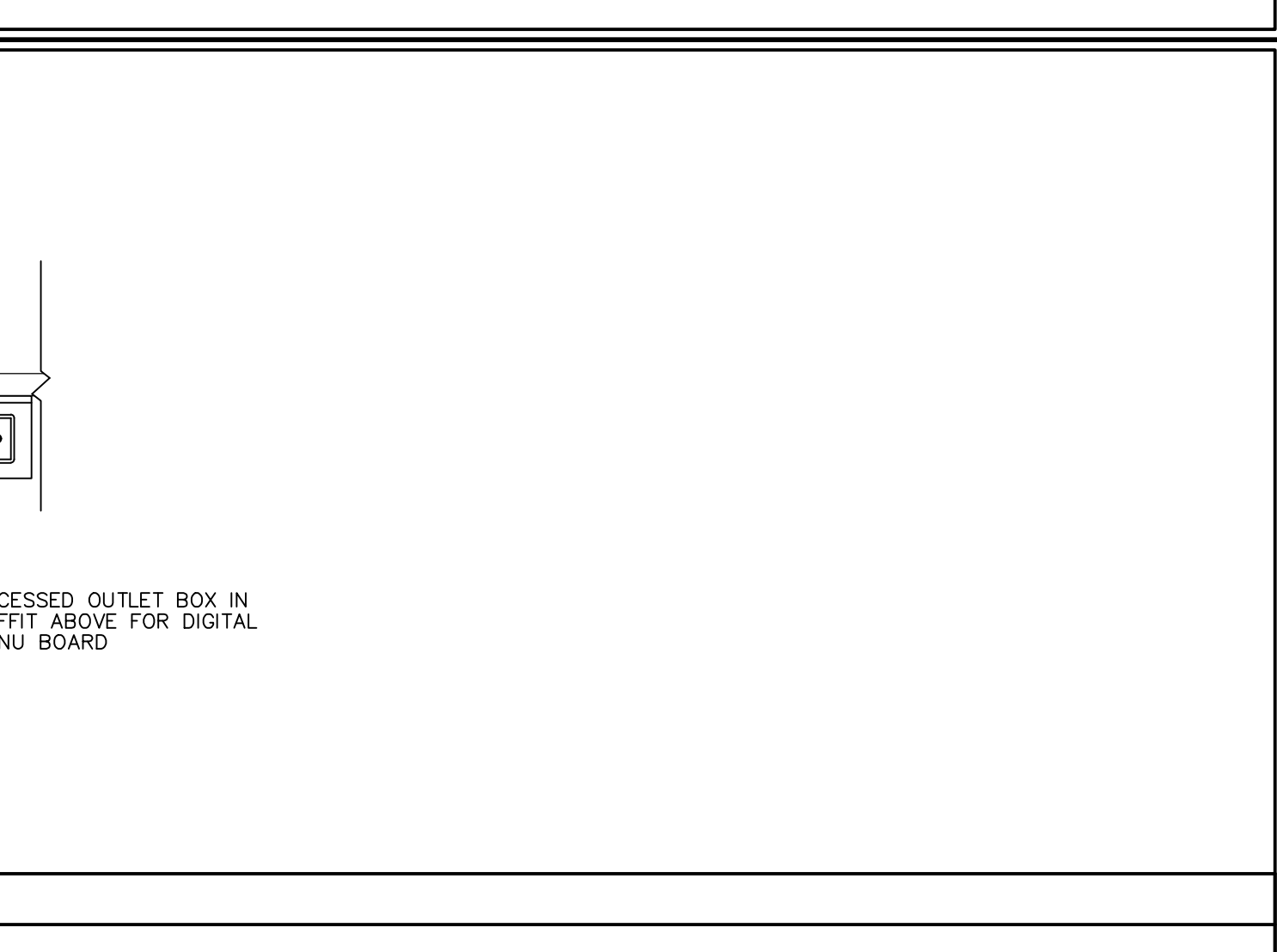
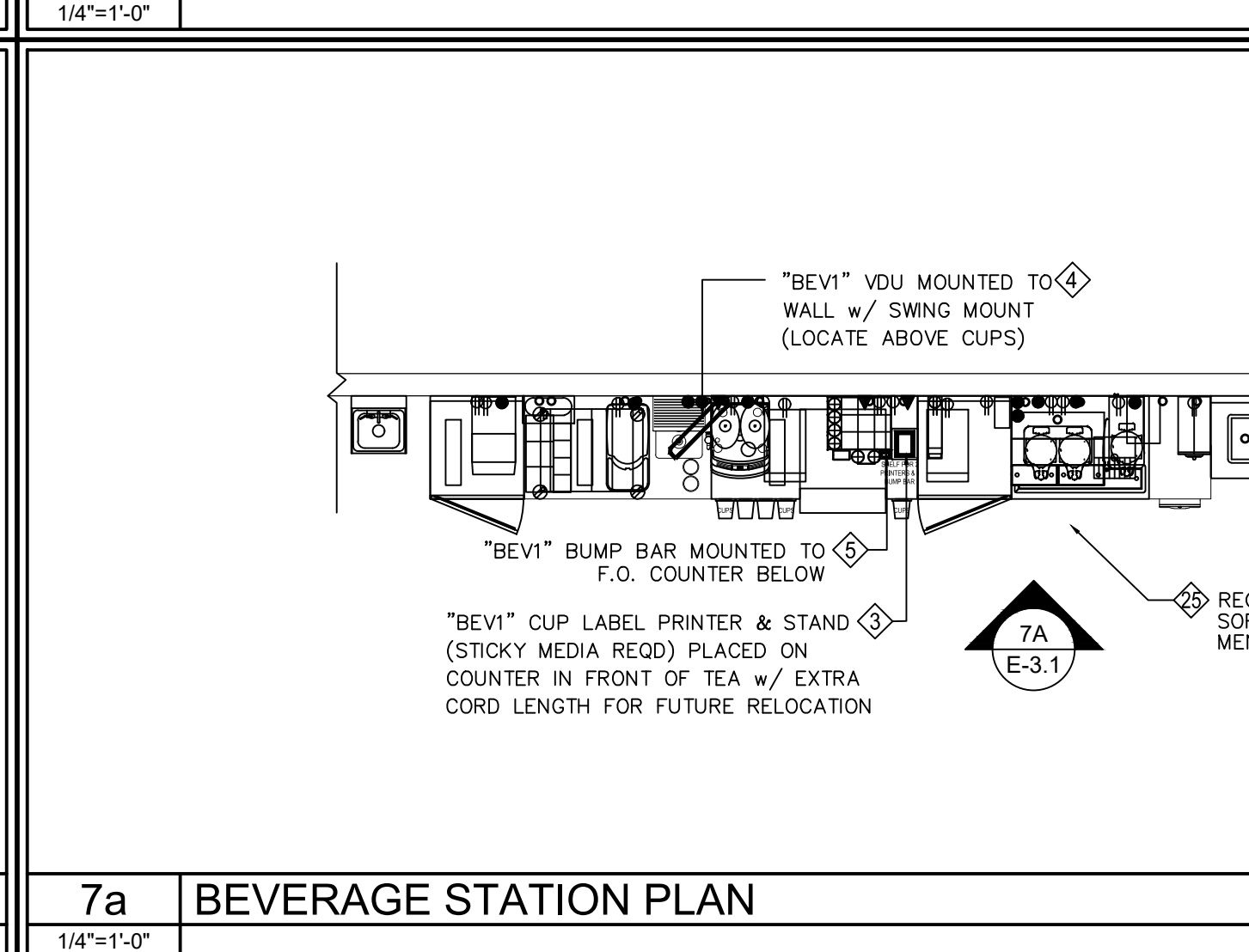
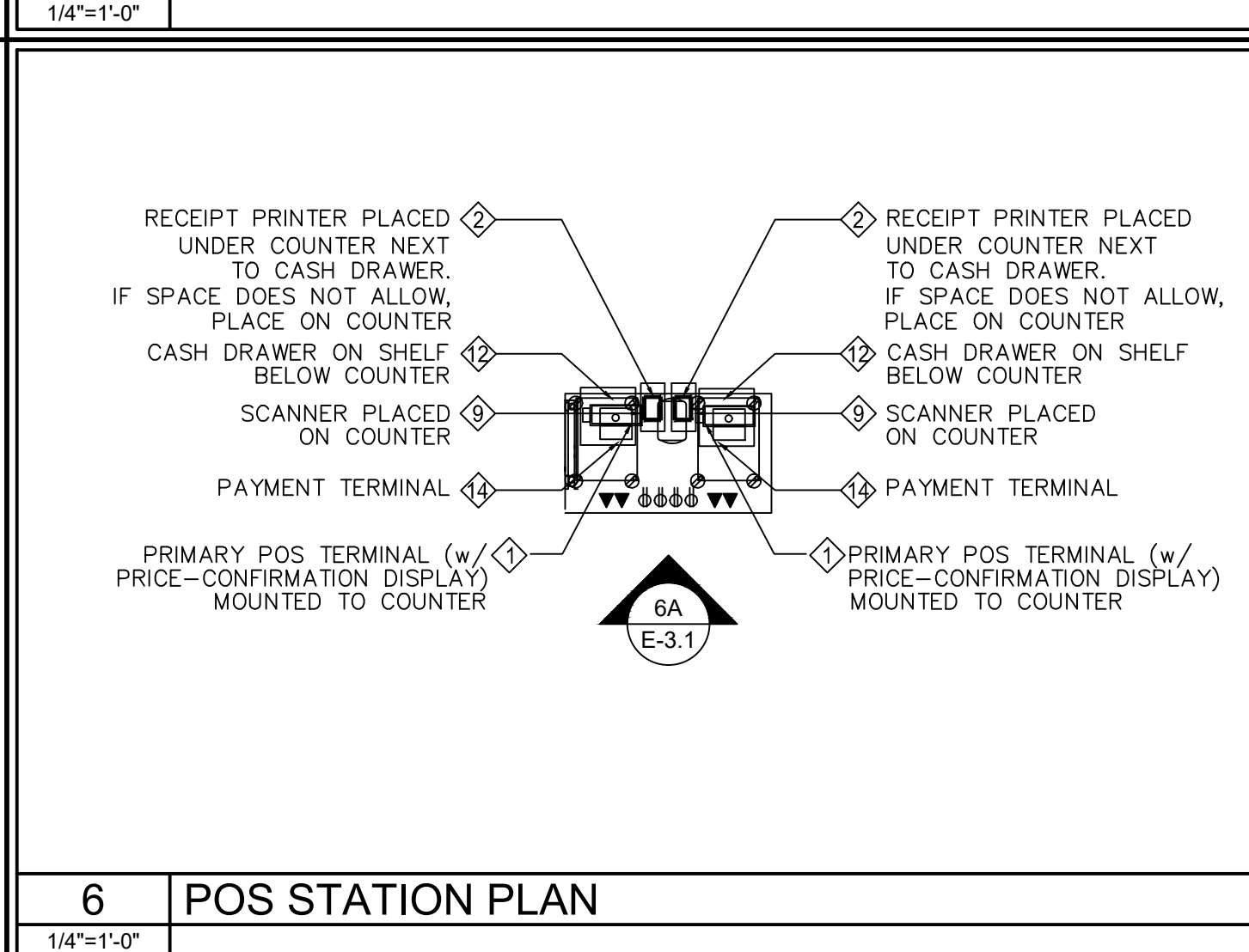
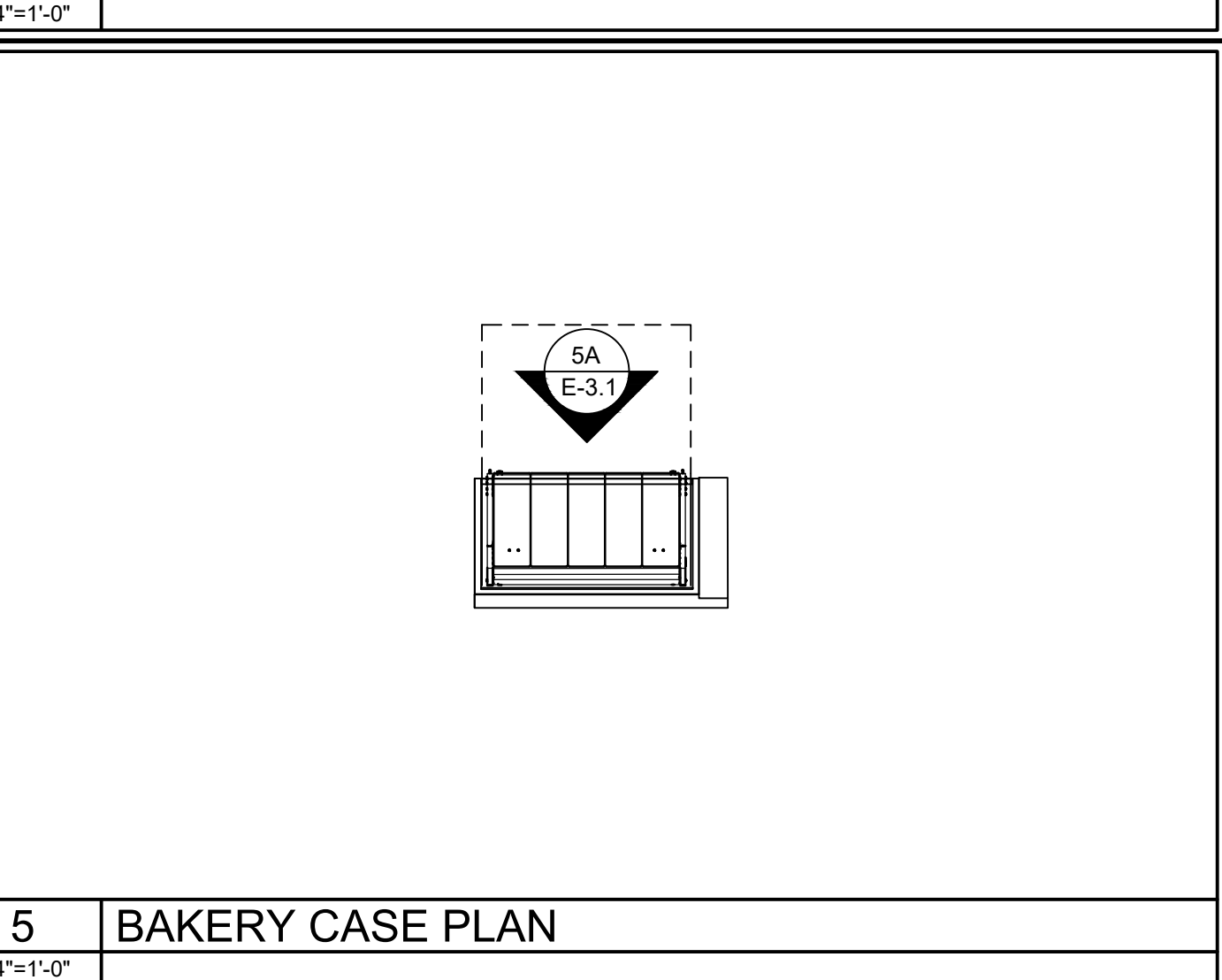
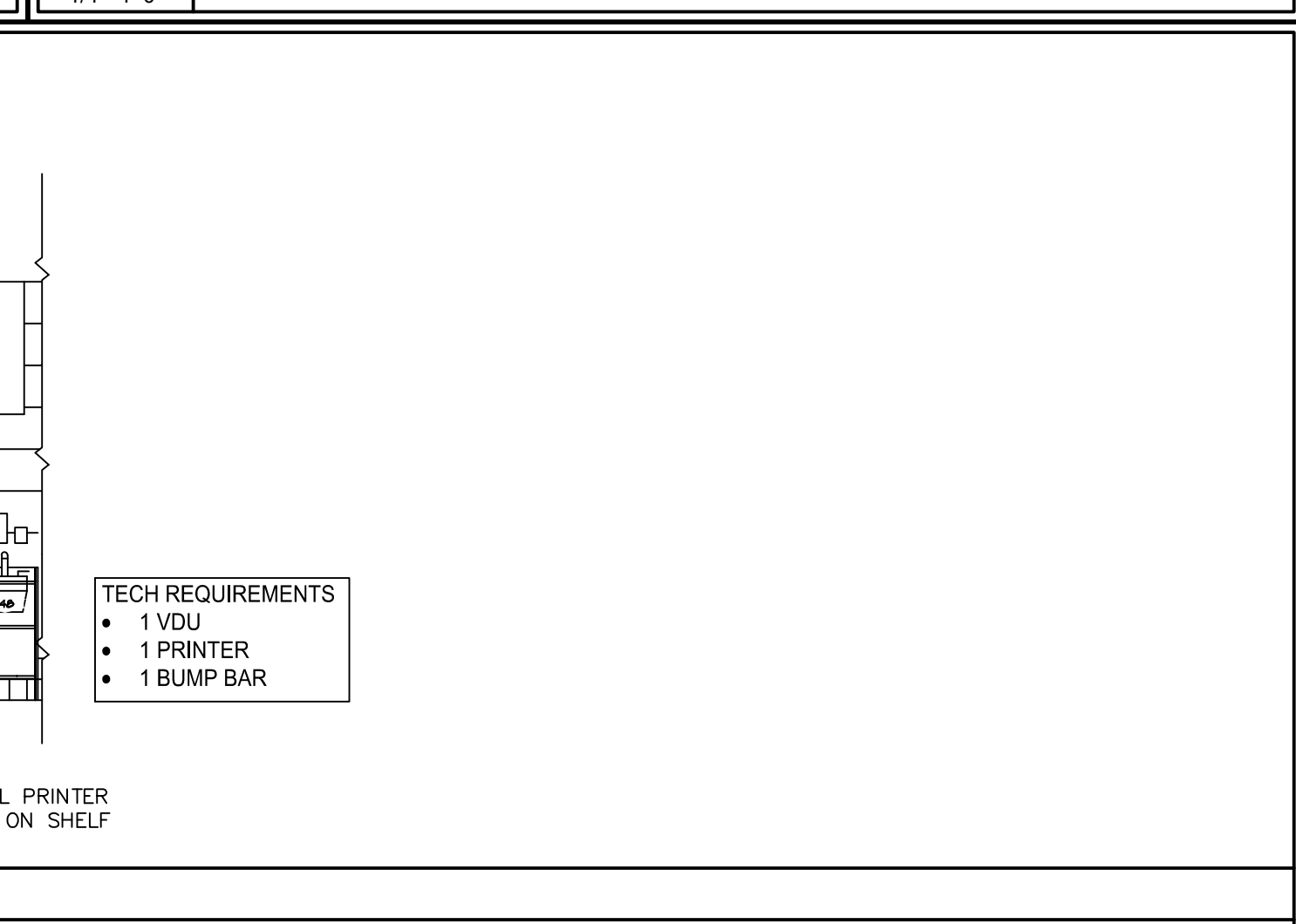
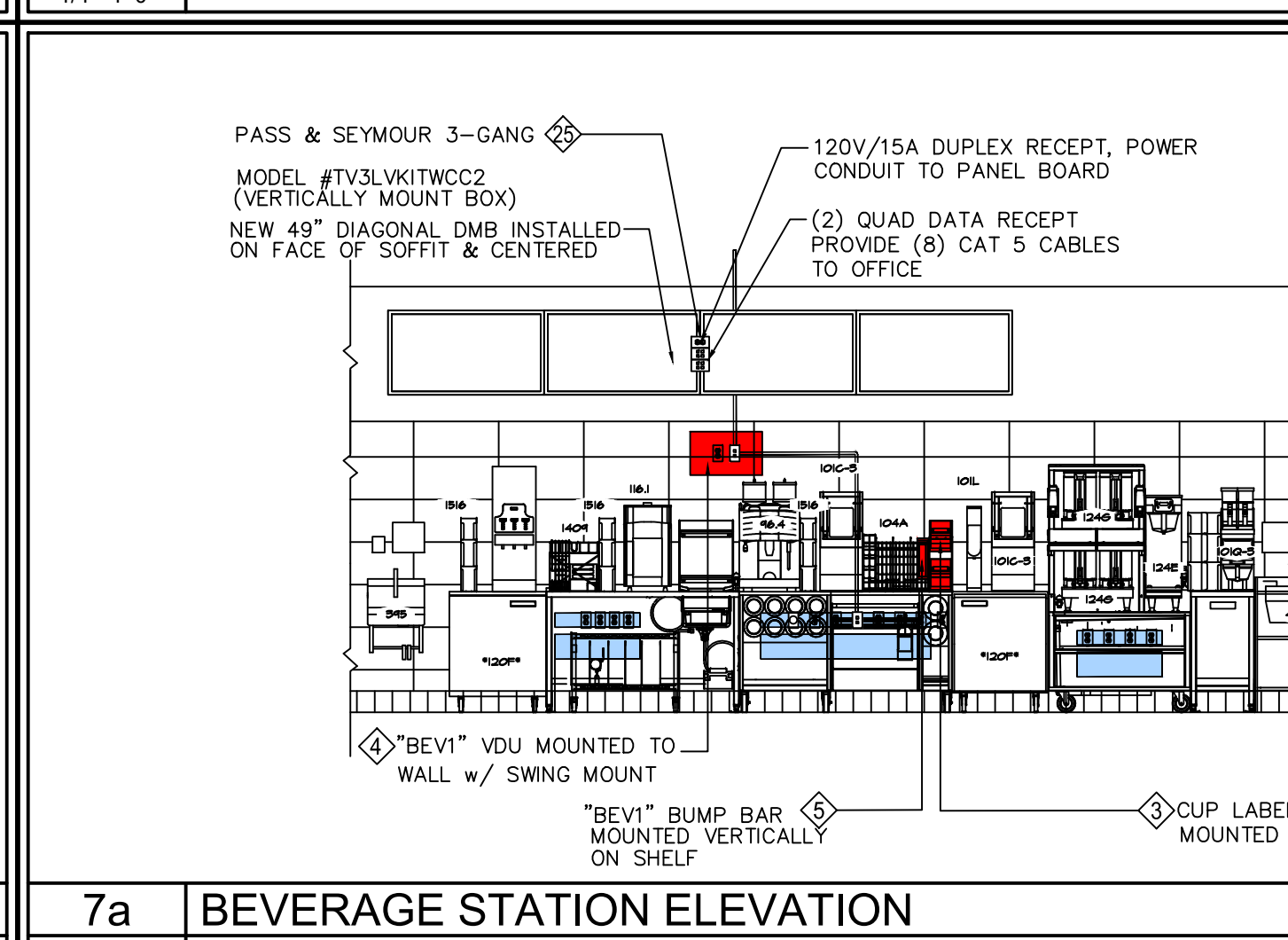
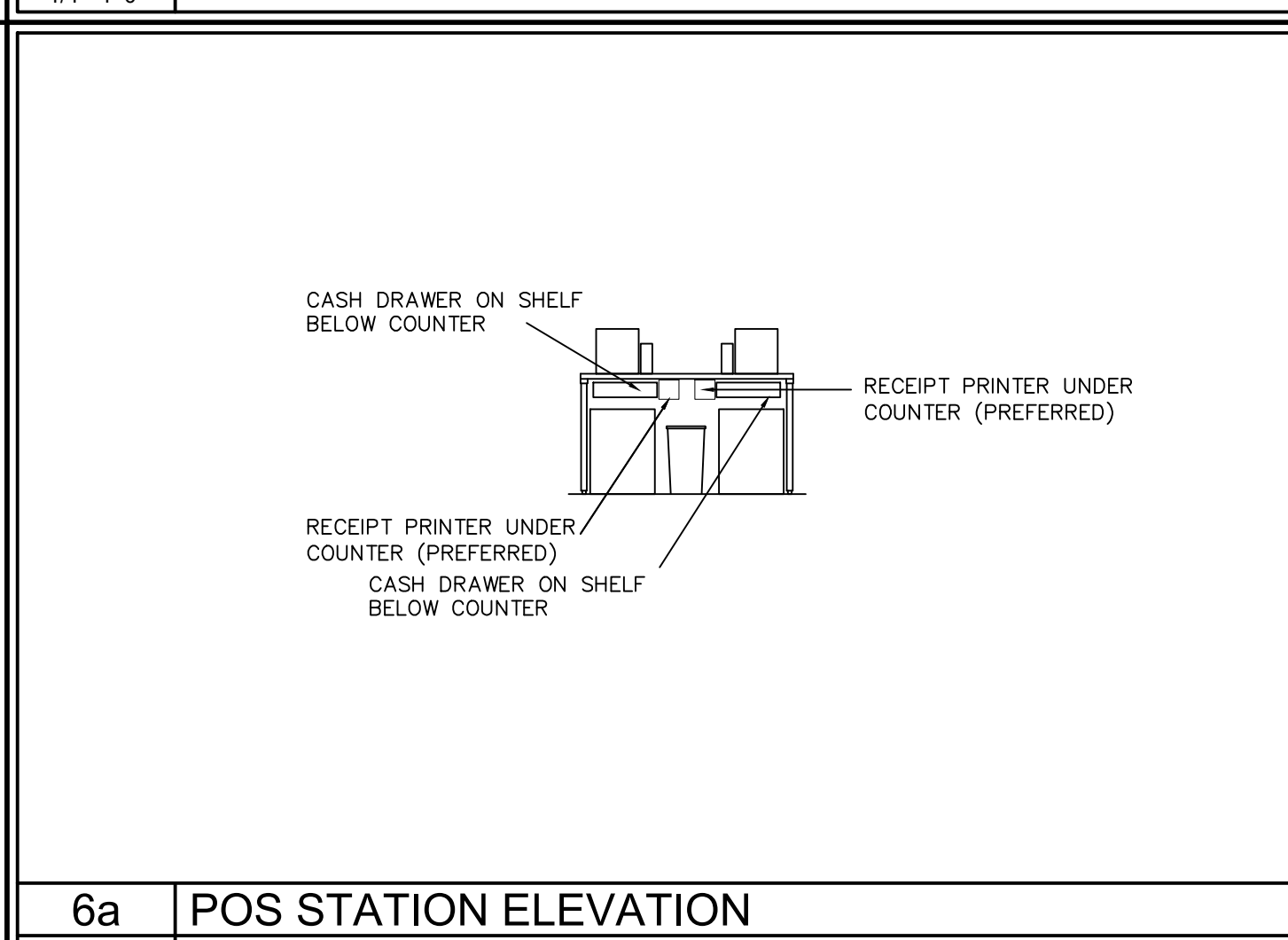
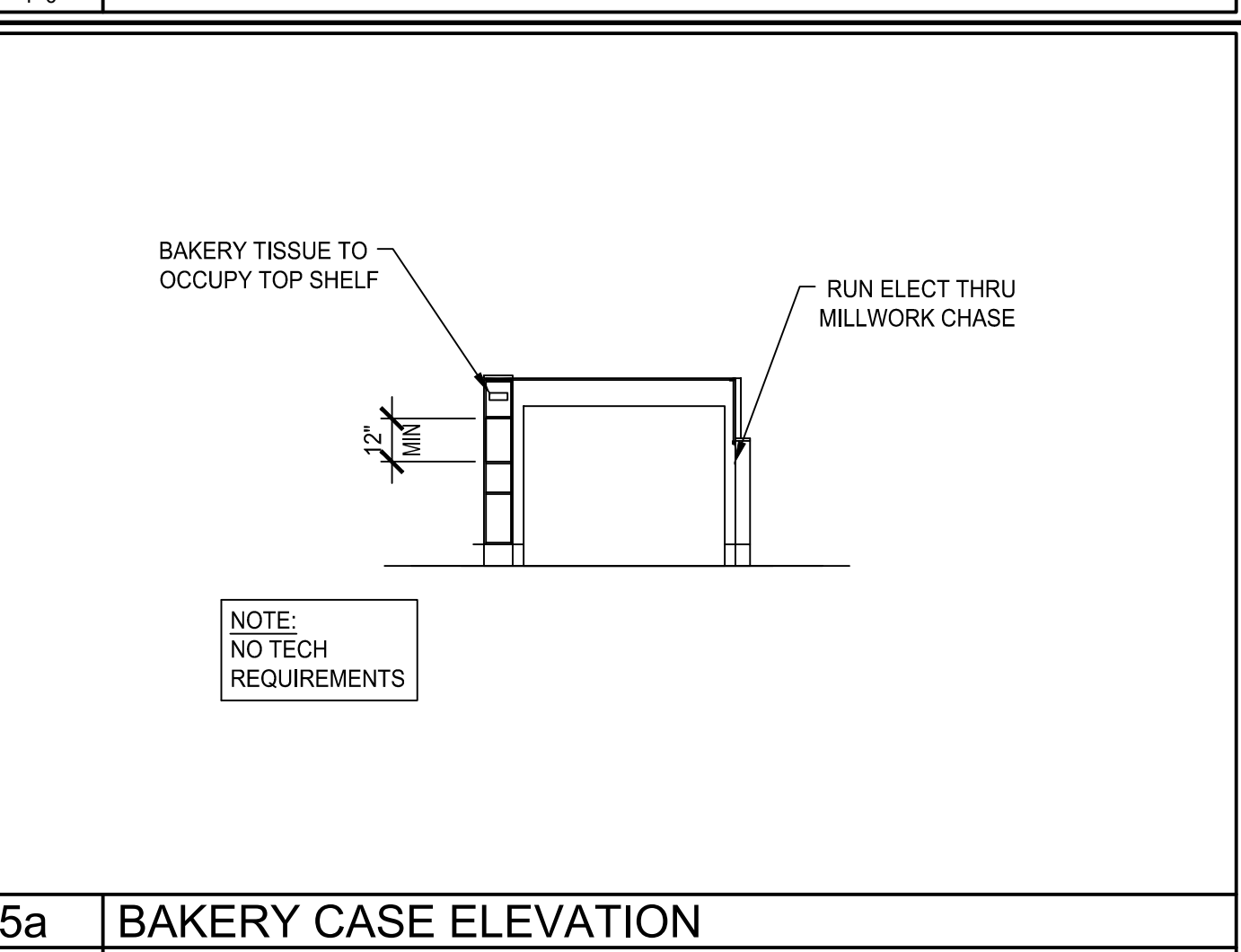
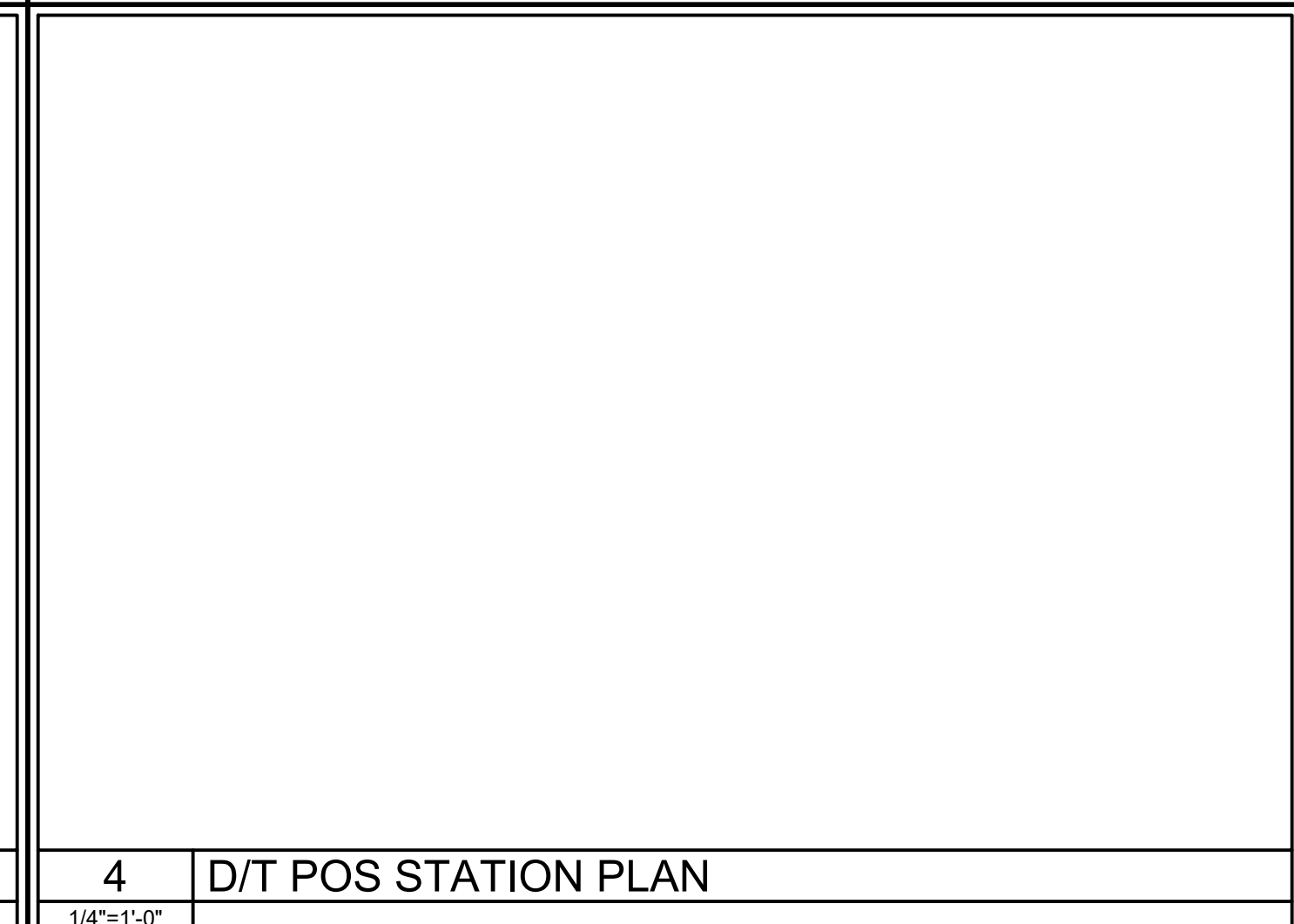
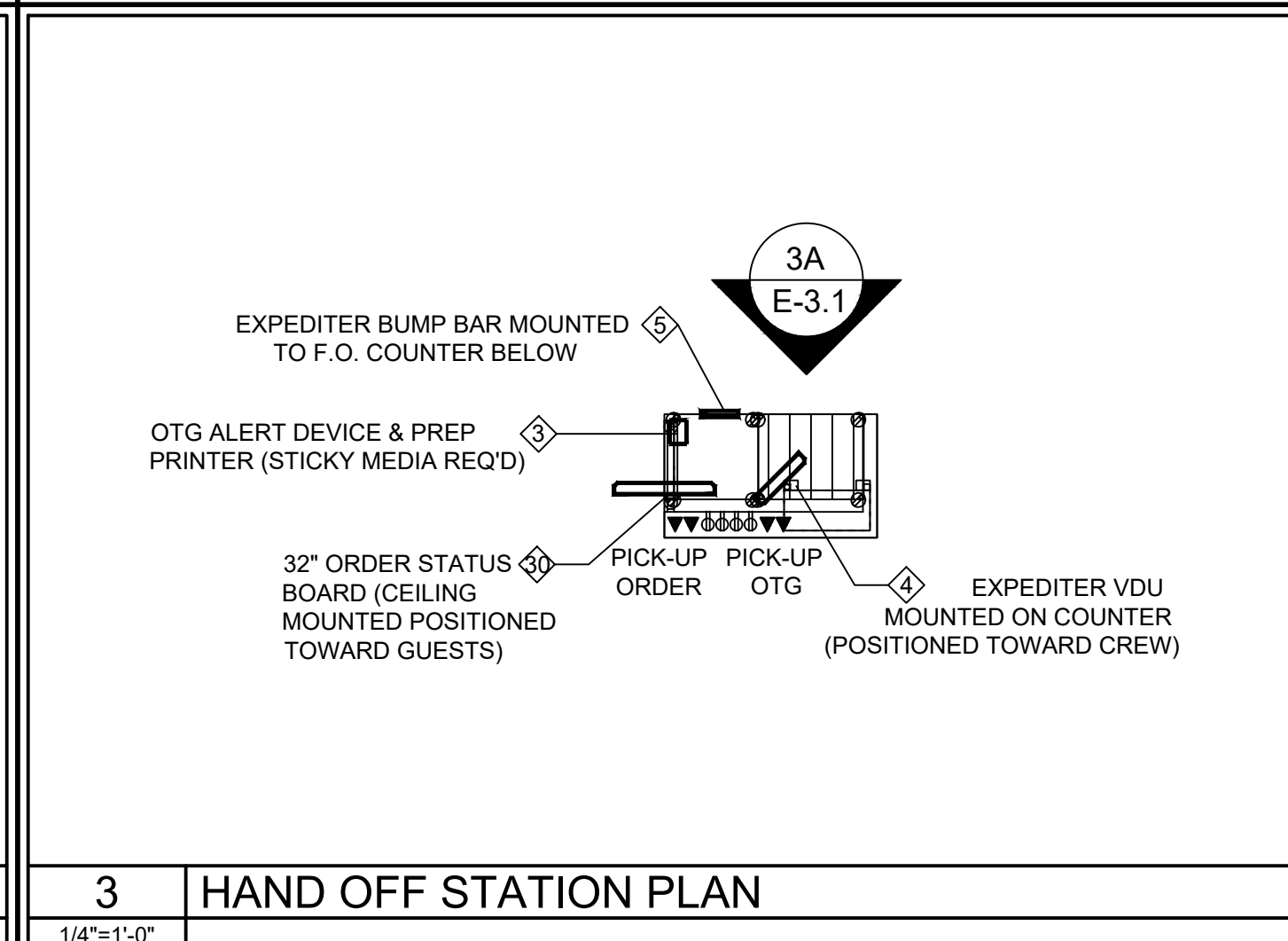
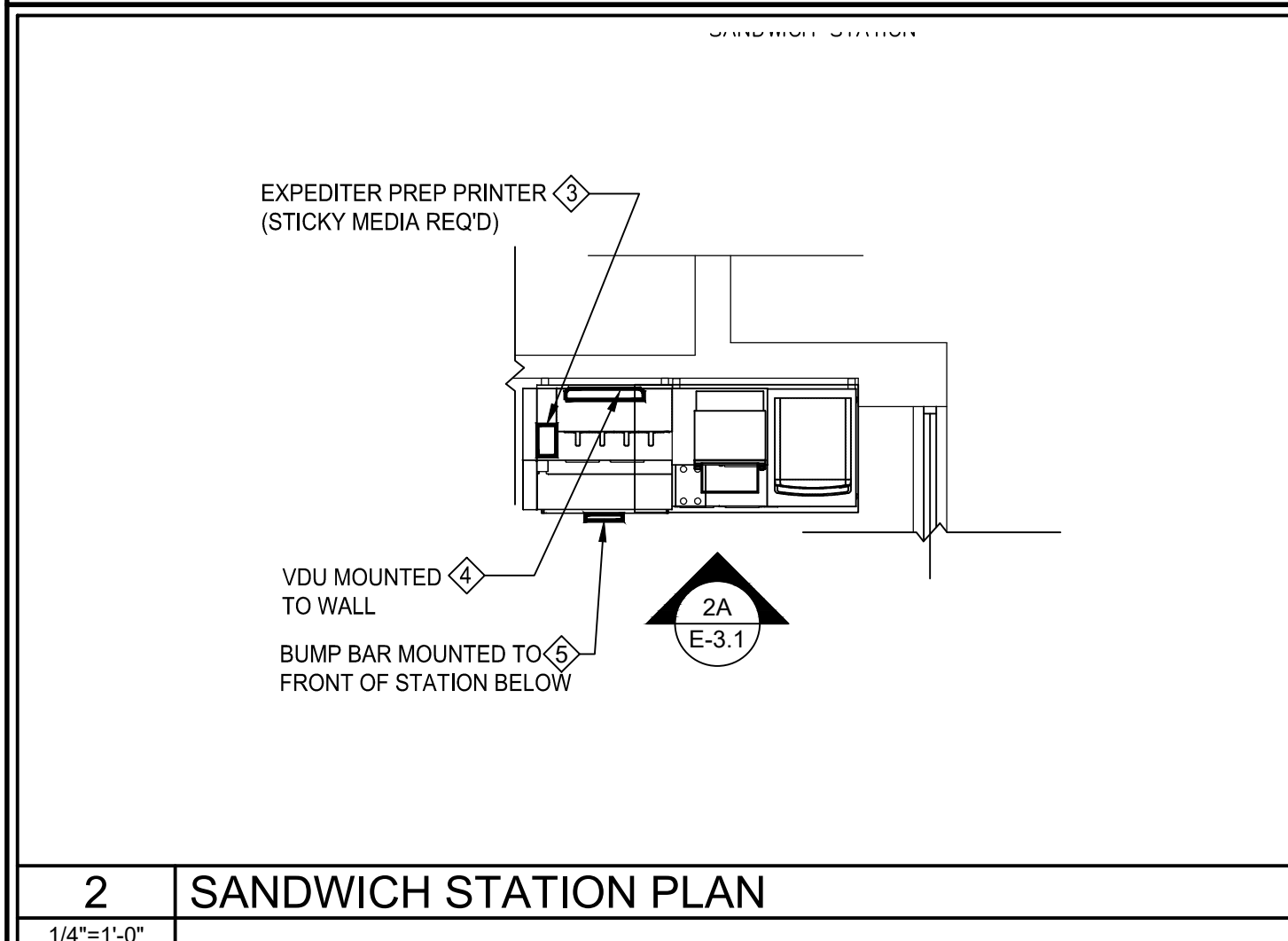
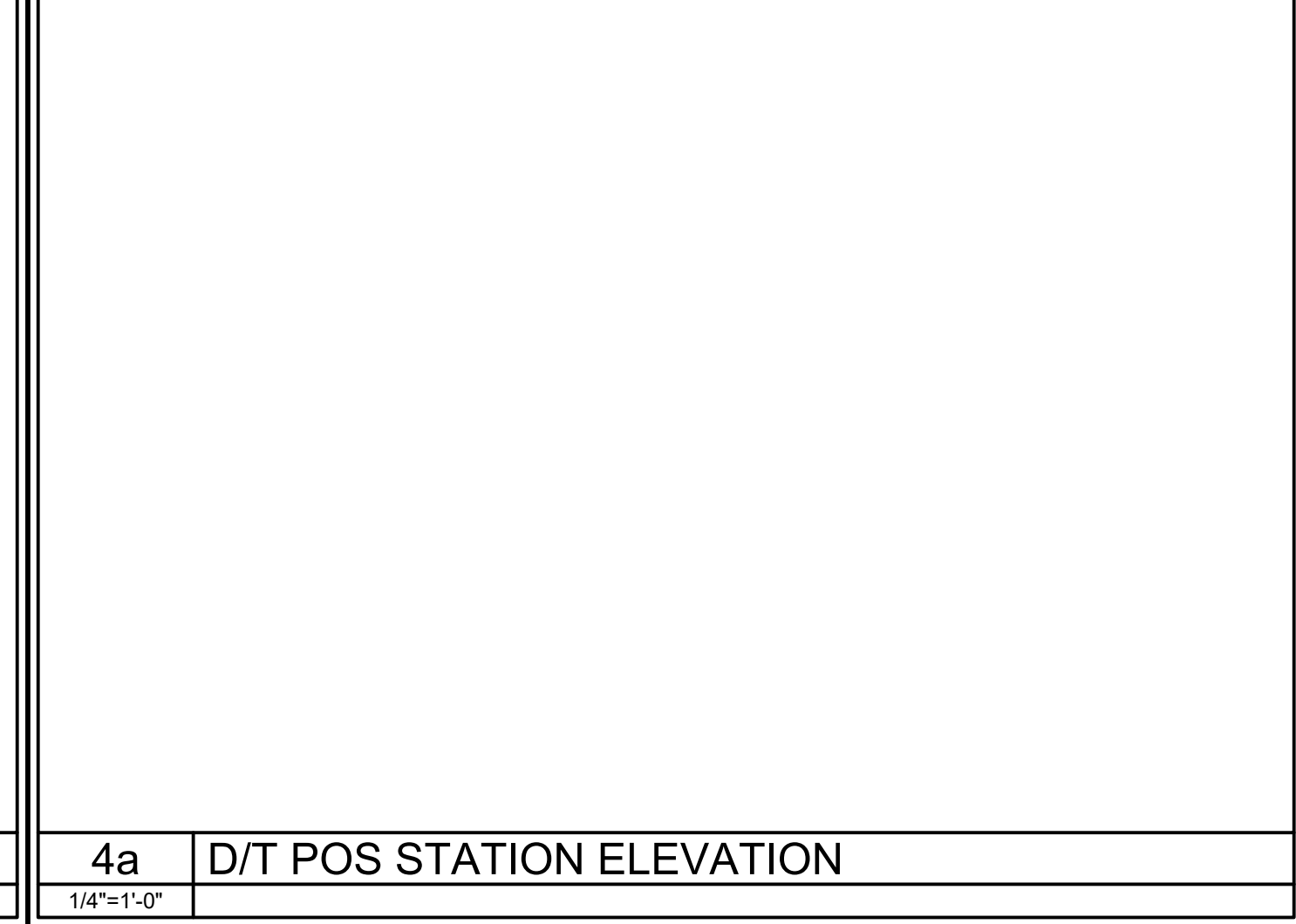
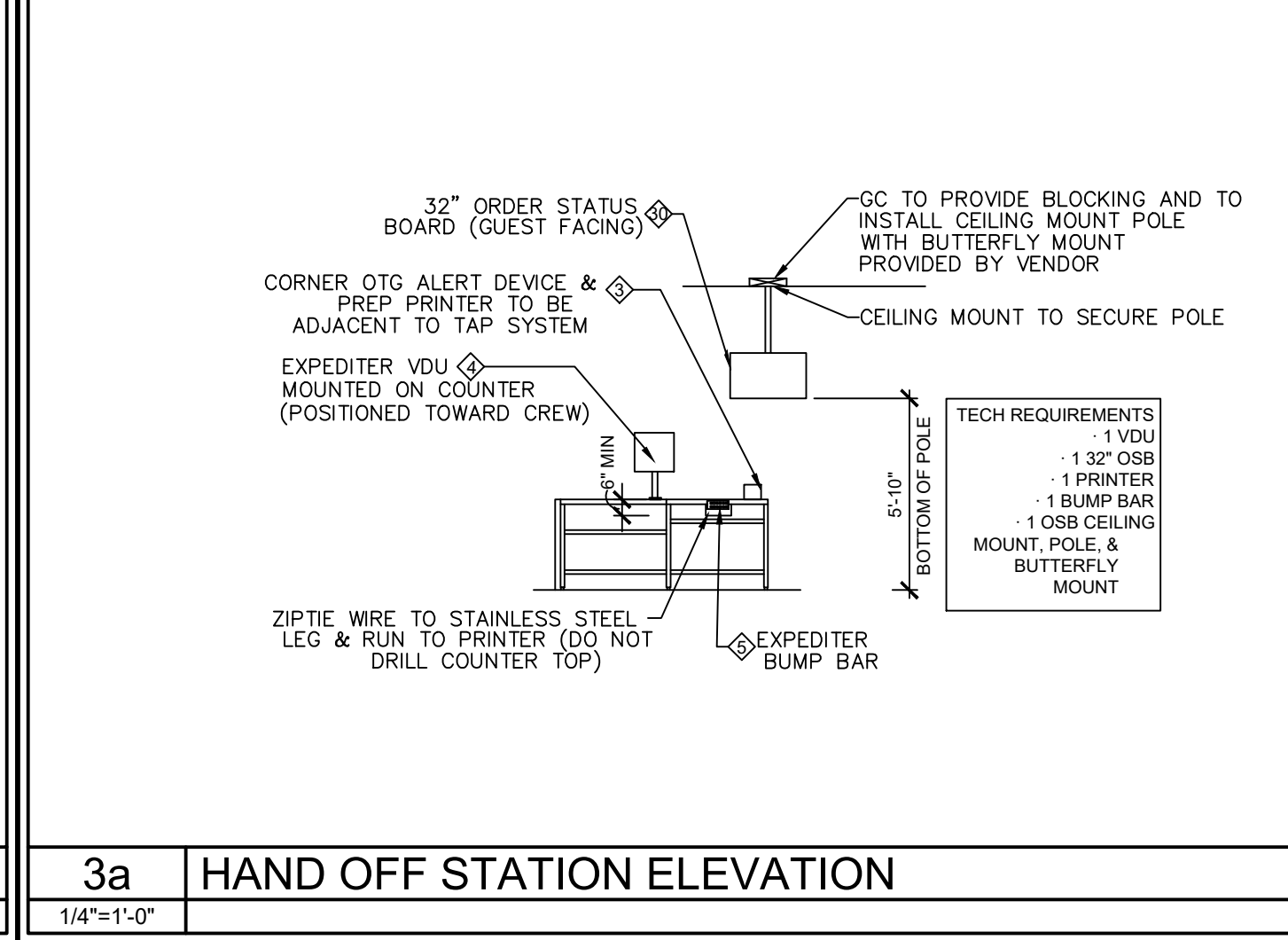
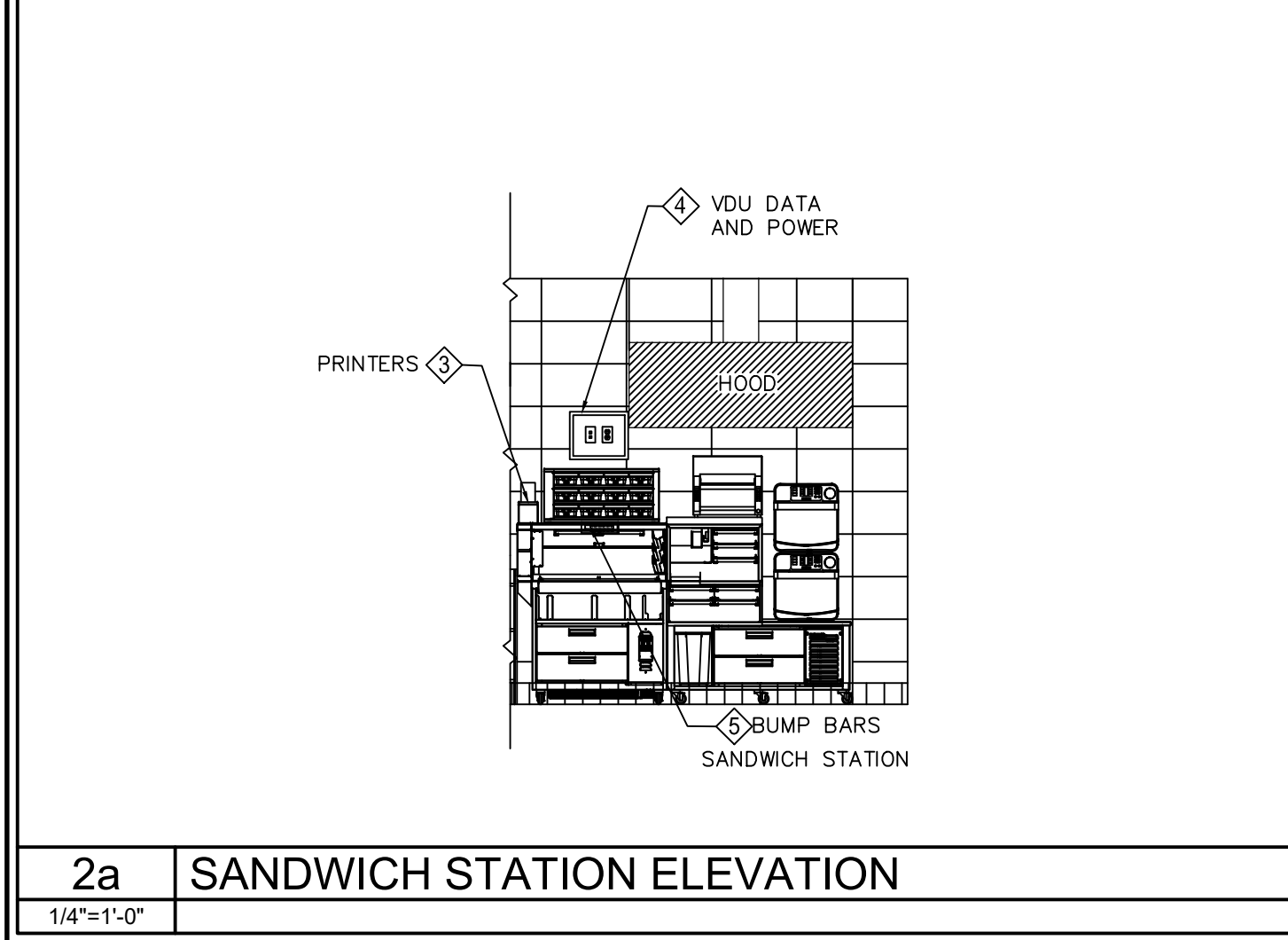
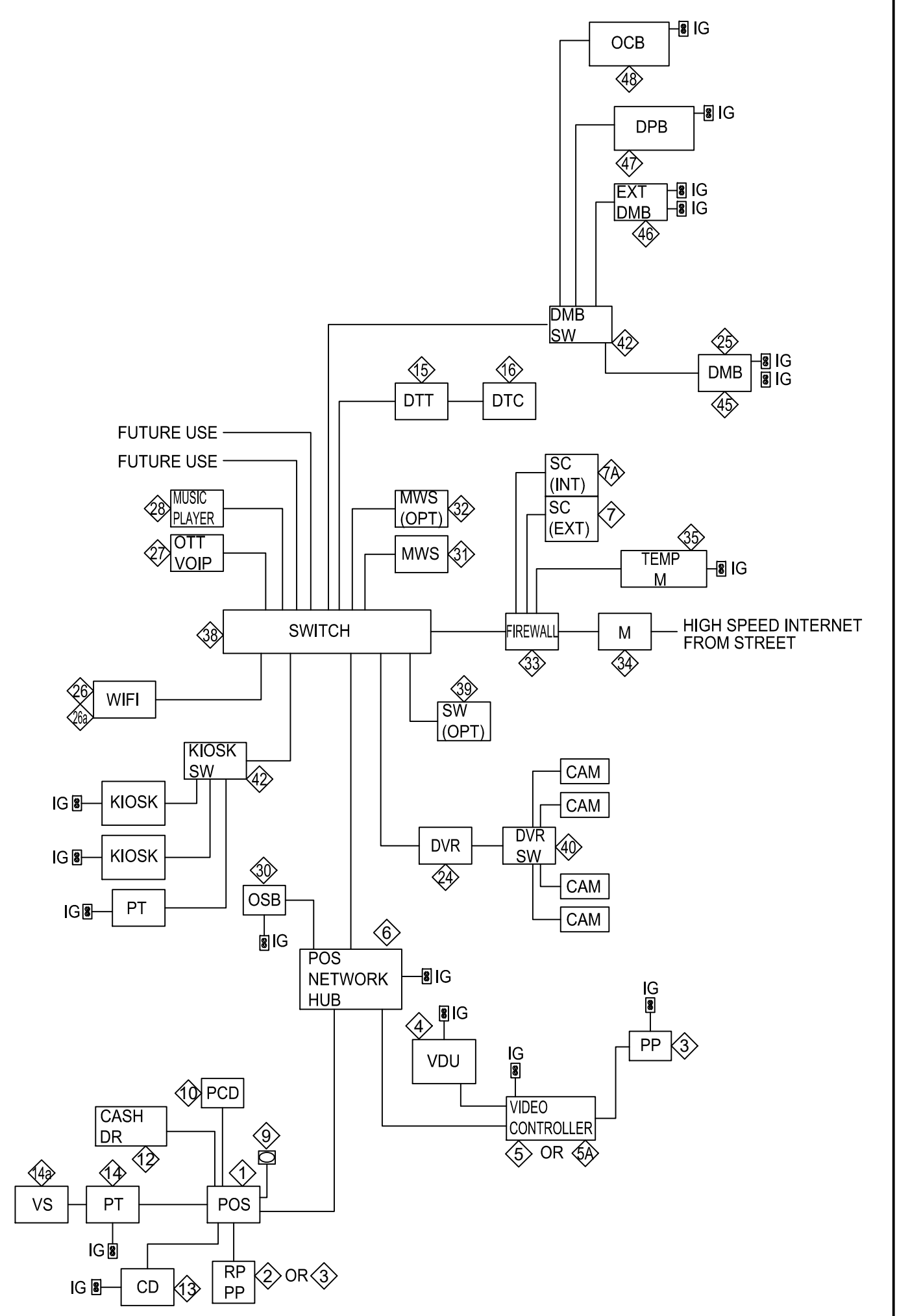
JOB LOCATION:  
**CAMBRIDGE, MA**  
 655 MASS. AVENUE

**TECHNOLOGY POS PLAN**

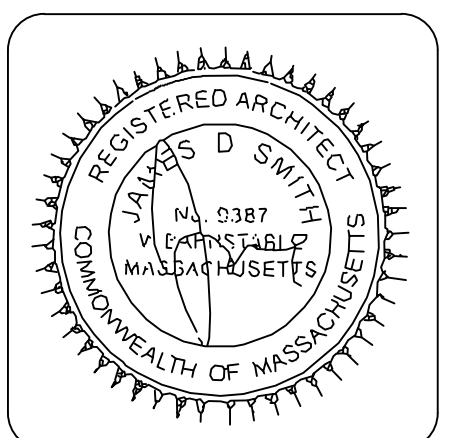
CONSTRUCTION: REMODEL  
 IMAGE TYPE: NEXT GEN OWN!  
 COOL PALETTE

SHEET  
**E-3.0**

JOB#: D23033  
 DATE: 08/13/23  
 PC#: 364942  
 C.M.: MARK DONAHOE



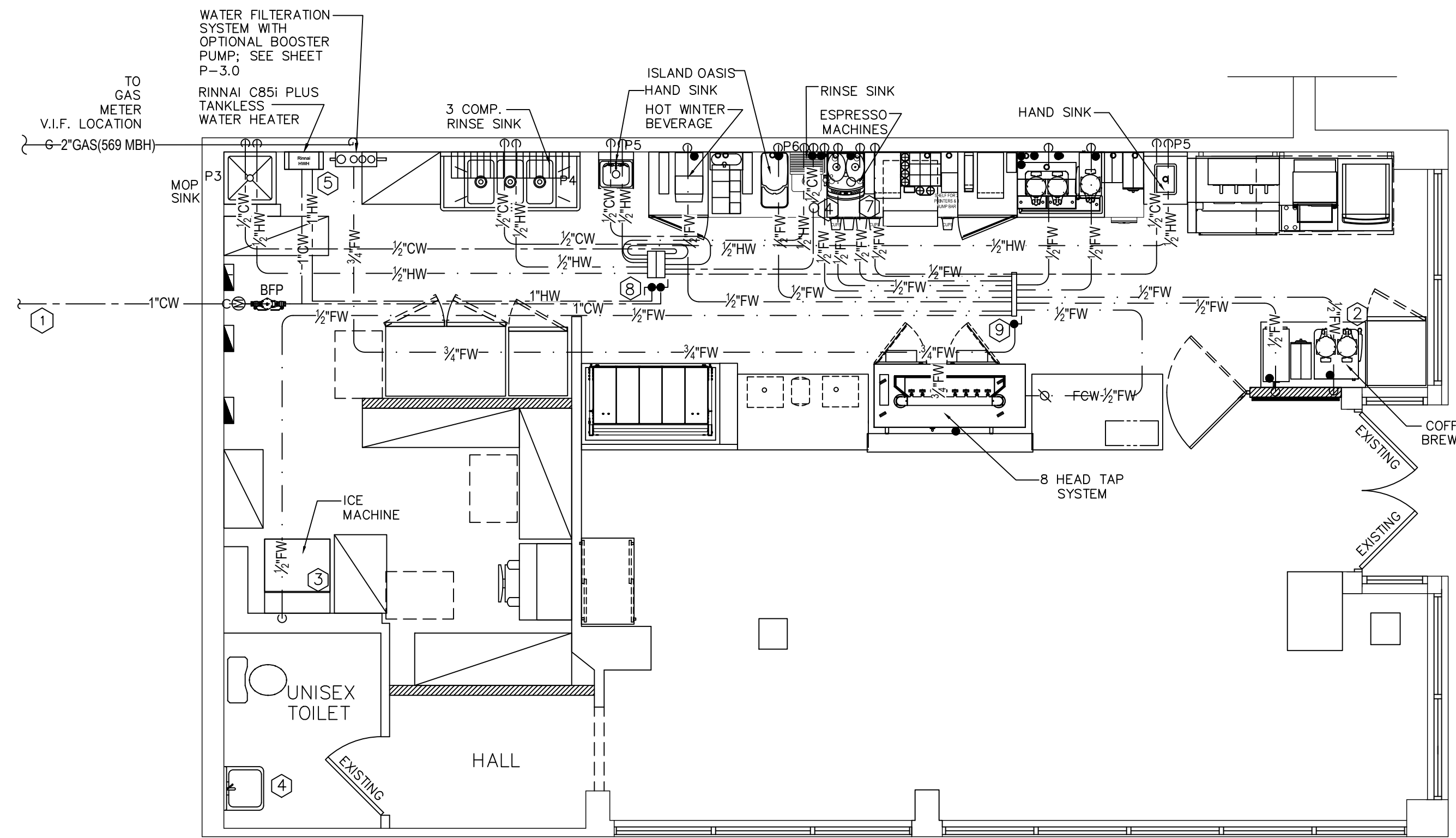
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JOB LOCATION: CAMBRIDGE, MA  
655 MASS. AVENUE  
TECHNOLOGY DETAILS  
CONSTRUCTION: REMODEL  
IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

SHEET  
**E-3.1**  
JOB#: D23033  
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C.M.: MARK DONAHOE



**HOT & COLD WATER PLAN**  
 SCALE: 1/4" = 1'-0"  
 ALL LINES SHOWN ARE TO BE ABOVE SLAB/CEILING U.N.O.

PLUMBING FIXTURE SCHEDULE					
MARK	DESCRIPTION	WASTE	VENT	COLD WATER	HOT WATER
P 1	WATER CLOSET	4"	4"	1/2"	
P 2	LAVATORY	2"	2"	1/2"	1/2"
P 3	MOP SINK	3"	3"	1/2"	1/2"
P 4	POT SINK	3"	3"	1/2"	1/2"
P 5	HAND SINK	1 1/2"	1 1/2"	1/2"	1/2"
P 6	RINSE SINK	1 1/2"	1 1/2"	1/2"	1/2"

\* SINK PROVIDED AS PART OF EQUIPMENT PACKAGE - PLUMBER TO MAKE FINAL CONNECTIONS.

**GENERAL NOTES**

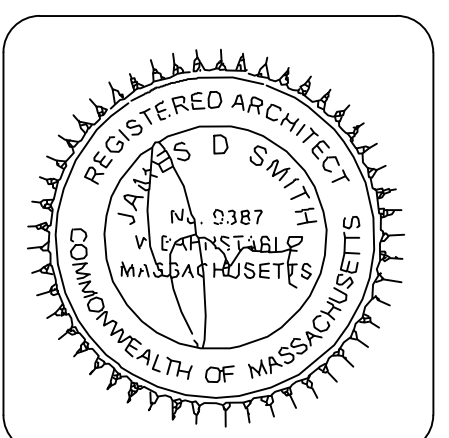
- ALL WORK SHALL COMPLY WITH ALL LOCAL AND STATE CODES AND AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS AND ARRANGE ALL REQUIRED INSPECTIONS.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS AND TRADES.
- THESE DRAWINGS, AS PREPARED, 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. MOUNT BOTTLE AND DISPENSER ABOVE SINK AS REQUIRED BY CHEMICAL SUPPLIER.

**PLAN NOTES**

- CONNECT TO INCOMING SITE WATER LINE. SEE SITE PLAN FOR LOCATION. 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°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.
- CONNECT TO SITE WASTE LINE. CONTRACTOR TO VERIFY LOCATION IN FIELD.

SYMBOL LIST			
	UNDER SLAB CONDUIT FOR SODA LINES		VENT PIPING ABOVE SLAB
	MIXED HOT/COLD WATER PIPING		GREASE TRAP
	GAS PIPING INSIDE FOR APPLIANCES		F.C.O. FLOOR CLEAN OUT
	GAS PIPING OVER ROOF FOR HVAC		H.O. HUB OUTLET
	H.V.A.C. HEAT VENT AND AIR CONDITIONING UNIT		F.D. FLOOR DRAIN - W/AIR GAP CUP
	C.W. - COLD WATER		F.S. FLOOR SINK - W/AIR GAP - SAFE WASTE
	H.W. - HOT WATER		V.R. VENT RISER
	FCW - FILTERED COLD WATER		V.T.R. VENT THRU ROOF
	GATE VALVE		I.W. INDIRECT WASTE
	GAS COCK		A.F.F. ABOVE FINISH FLOOR
	HOSE BIBB		U.N.O. UNLESS NOTED OTHERWISE
	SANITARY WASTE PIPING BELOW SLAB		SPRINKLER HEAD
	GREASE WASTE PIPING BELOW SLAB		
	VENT PIPING BELOW SLAB		

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NO.	DESCRIPTION	BY	DATE
1	INITIAL ISSUE	INC/M	08/13/23

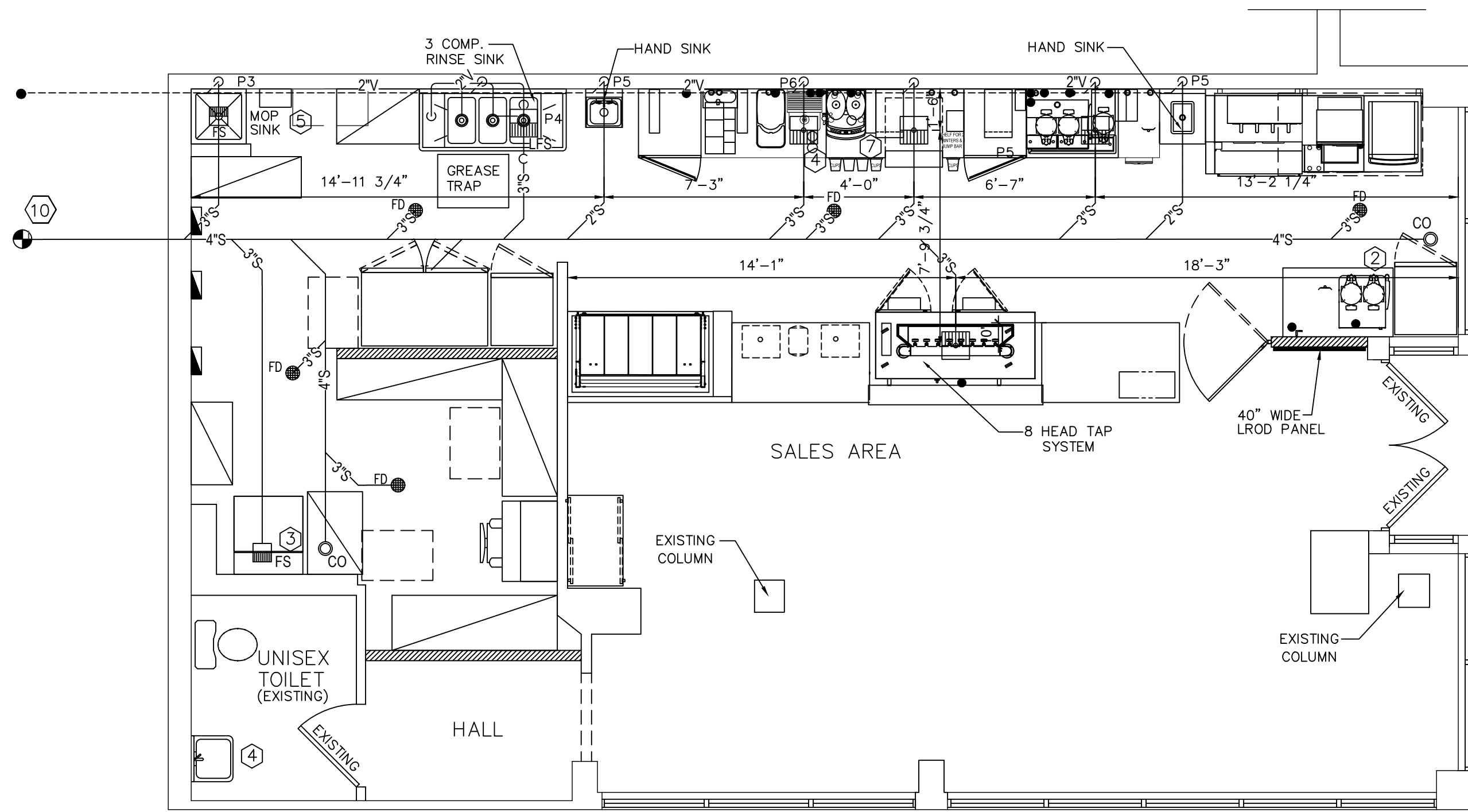
JOB LOCATION:  
**CAMBRIDGE, MA**  
 655 MASS. AVENUE

PLUMBING PLAN  
 SCHEDULE; NOTES

CONSTRUCTION: REMODEL  
 IMAGE TYPE: NEXT GEN OMMI  
 COOL PALETTE

SHEET  
**P-1.0**

JOB#: D23033  
 DATE: 08/13/23  
 PC#: 364942  
 C.M.: MARK DONAHOE



**WASTE AND VENT PLAN**

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

PLUMBING FIXTURE SCHEDULE					
MARK	DESCRIPTION	WASTE	VENT	COLD WATER	HOT WATER
P 1	WATER CLOSET	4"	4"	1/2"	
P 2	LAVATORY	2"	2"	1/2"	1/2"
P 3	MOP SINK	3"	3"	1/2"	1/2"
P 4	POT SINK	3"	3"	1/2"	1/2"
P 5	HAND SINK	1 1/2"	1 1/2"	1/2"	1/2"
P 6	RINSE SINK	1 1/2"	1 1/2"	1/2"	1/2"

\* SINK PROVIDED AS PART OF EQUIPMENT PACKAGE - PLUMBER TO MAKE FINAL CONNECTIONS.

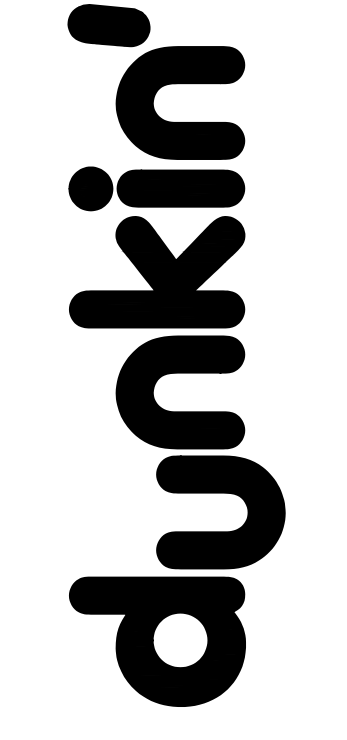
**GENERAL NOTES**

- 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.

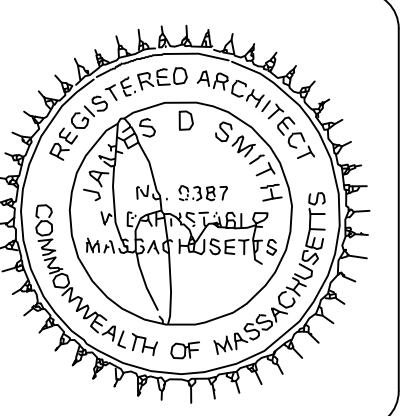
**PLAN NOTES**

- CONNECT TO INCOMING SITE WATER LINE. SEE SITE PLAN FOR LOCATION. 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°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.
- CONNECT TO SITE WASTE LINE. CONTRACTOR TO VERIFY LOCATION IN FIELD.

SYMBOL LIST			
—	UNDER SLAB CONDUIT FOR SODA LINES	—	VENT PIPING ABOVE SLAB
—	MIXED HOT/COLD WATER PIPING	—	GREASE TRAP
G	GAS PIPING INSIDE FOR APPLIANCES	⊙	F.C.O. FLOOR CLEAN OUT
RG	GAS PIPING OVER ROOF FOR HVAC	H.O.	HUB OUTLET
H.V.A.C.	HEAT VENT AND AIR CONDITIONING UNIT	F.D.	FLOOR DRAIN - W/AIR GAP CUP
—	C.W. - COLD WATER	F.S.	FLOOR SINK - W/AIR GAP - SAFE WASTE
—	H.W. - HOT WATER	V.R.	VENT RISER
—	FCW - FILTERED COLD WATER	V.T.R.	VENT THRU ROOF
—	GATE VALVE	I.W.	INDIRECT WASTE
—	GAS COCK	A.F.F.	ABOVE FINISH FLOOR
H.B.	HOSE BIBB	U.N.O.	UNLESS NOTED OTHERWISE
—	SW - SANITARY WASTE PIPING BELOW SLAB	⊙n	SPRINKLER HEAD
—	GW - GREASE WASTE PIPING BELOW SLAB		
—	VENT PIPING BELOW SLAB		



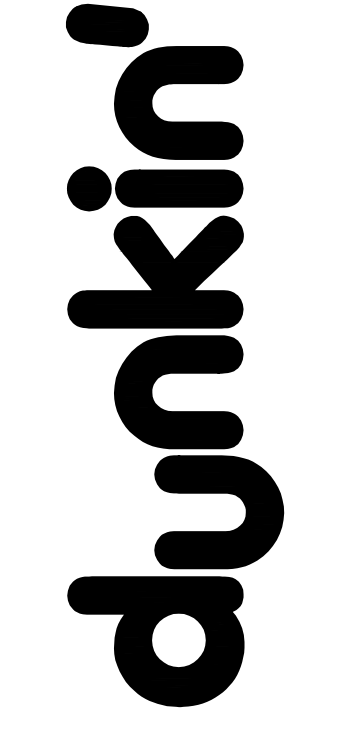
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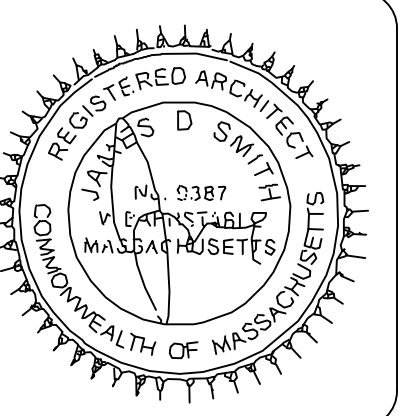
NO	DESCRIPTION	BY	DATE
1	INITIAL ISSUE	INCM	08/13/23

JOB LOCATION:  
**CAMBRIDGE, MA**  
 655 MASS. AVENUE  
**PLUMBING PLAN**  
**SCHEDULE; NOTES**  
 CONSTRUCTION: REMODEL  
 IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

SHEET  
**P-2.0**  
 JOB#: D23033  
 DATE: 08/13/23  
 PC#: 364942  
 C.M.: MARK DONAHOE



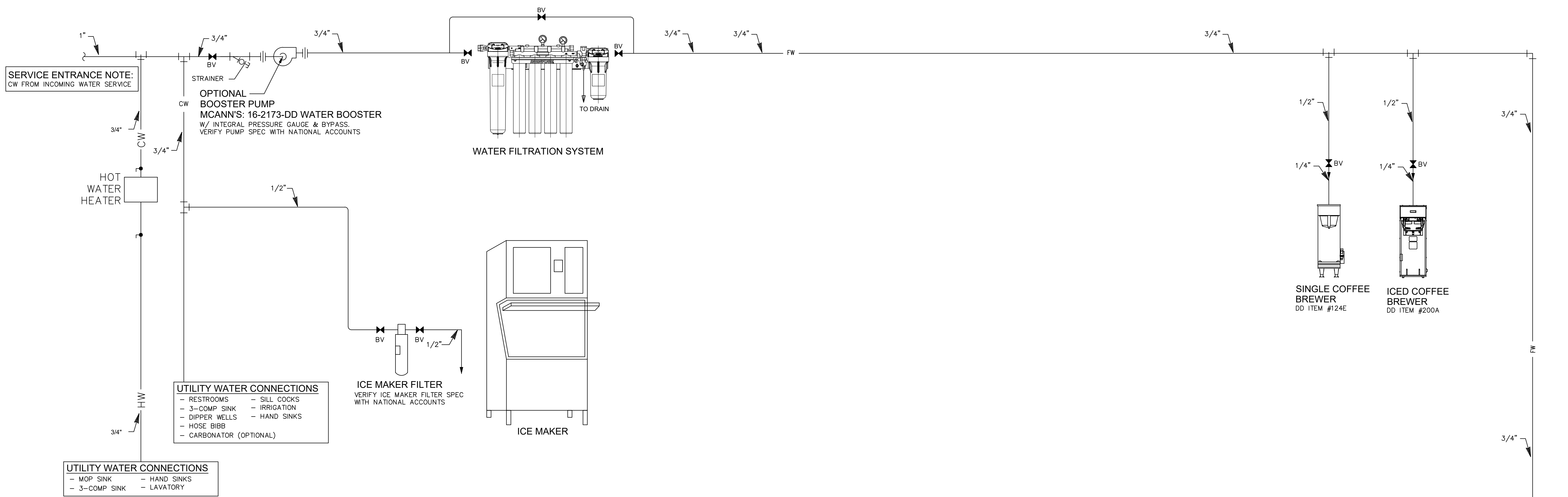
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NO.	DESCRIPTION	BY	DATE
1	INITIAL ISSUE	NSM	08/13/23

JOB LOCATION:  
**CAMBRIDGE, MA**  
 655 MASS. AVENUE  
**PLUMBING-3M**  
**WATER FILTRATION SYSTEM**  
 CONSTRUCTION:REMODEL IMAGE TYPE: NEXT GEN OMNI COOL PALETTE

SHEET  
**P-3.0**  
 JOB#: D23033  
 DATE: 08/13/23  
 PC#: 364942  
 C.M.: MARK DONAHOE

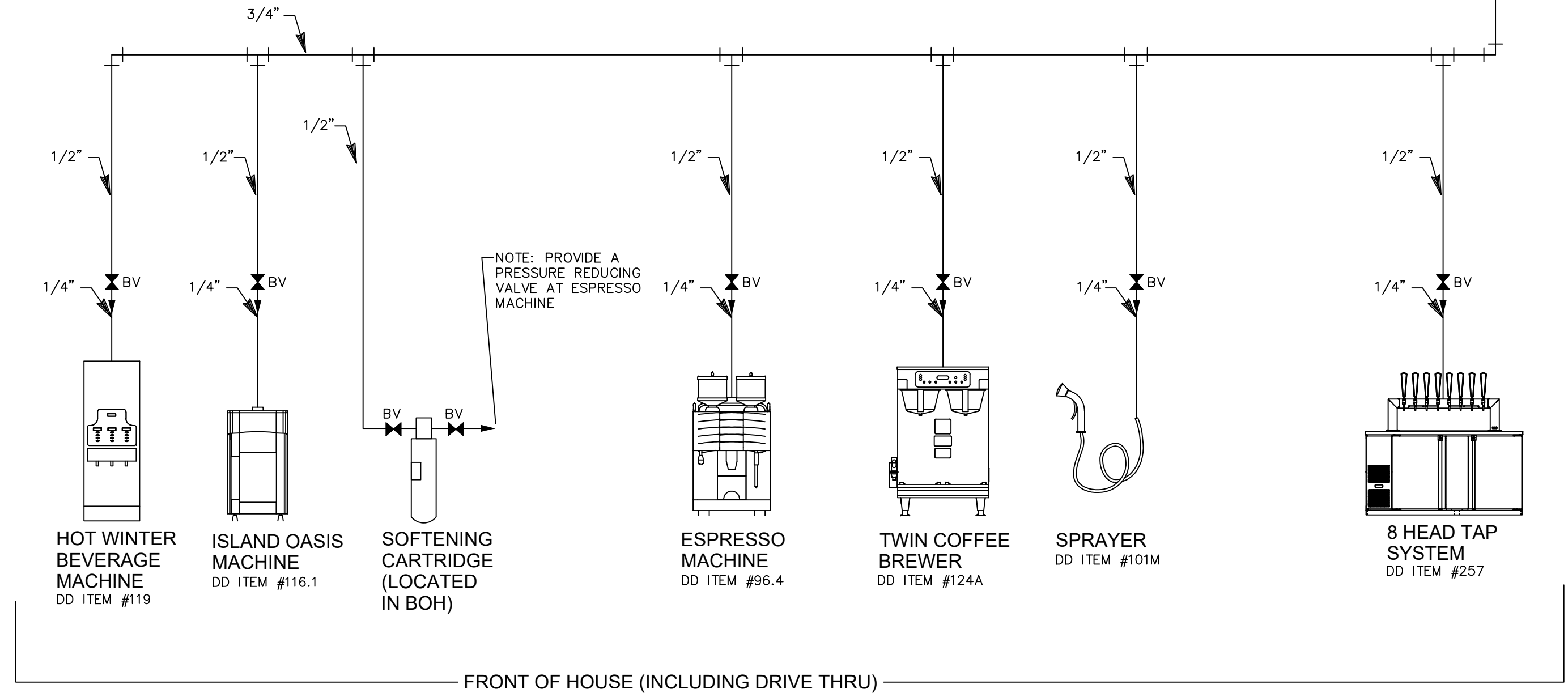


- WATER QUALITY INSTALLATION CHECKLIST:**
- FRONT OF HOUSE (FOH)**
- COFFEE EQUIPMENT (FRONT LINE)
  - COFFEE EQUIPMENT (DRIVE THRU)
  - WATER SPRAYERS
  - ESPRESSO
  - HOT CHOCOLATE
  - ICED COFFEE / TEA
  - ISLAND OASIS
- BACK OF HOUSE (BOH)**
- ICE MAKERS (N/A RO SYSTEMS)
  - BAXTER
  - BLODGETT
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

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 WILL BE DONE ON A LIVE LINE CONNECTED TO THE SAME SUPPLY LINE FEEDING THE 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.



SEPARATE PURCHASE OF A McCANN'S BOOSTER PUMP IS REQUIRED IN ALL STORES WITH TWO EXCEPTIONS:  
 1. STORES INSTALLING AN EVERPURE RO SYSTEM ARE NOT REQUIRED TO PURCHASE THE PUMP, AS THERE IS A BOOSTER PUMP INTEGRAL TO EVERPURE'S SYSTEM.  
 2. STORES WITH AN INCOMING WATER PRESSURE DOCUMENTED TO BE GREATER THAN 65 P.S.I. ARE NOT REQUIRED TO HAVE A BOOSTER PUMP INSTALLED.

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.

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