## **DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK**

CITY OF PORTLAN



### This is to certify that

FLEMING CREEK LLC ETALS /Daniel Brennan

### PERMIT ID: 2013-00156

Located at

145 COMMERCIAL ST

CBL: 029 S001001

has permission to change of use for a new Starbucks Coffee

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise clsoed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be procured prior to occupancy.

**Fire Prevention Officer** 

**Code Enforcement Officer / Plan Reviewer** 

### THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY THERE IS A PENALTY FOR REMOVING THIS CARD

## BUILDING PERMIT INSPECTION PROCEDURES Please call 874-8703 (ONLY) or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.
- Permits expire in 6 months. If the project is not started or ceases for 6 months.
- If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.

## **REQUIRED INSPECTIONS:**

Plumbing Rough Commercial Close-in Plumbing/Framing Electrical Close-in Above Ceiling Inspection Final - Electric Final - Fire Certificate of Occupancy/Final

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.

Cit	v of Portla	nd. Maine - Buil	lding or Use Permit	Permit No:	Date Applied For:	CBL:		
	•		207) 874-8703, Fax: (207)	2013-00156	01/25/2013	029 S001001		
Loca	Location of Construction: Owner Name:			Owner Address:		Phone:		
14:	5 COMMERC	CIAL ST	FLEMING CREEK LLC E	TALS	150 METRO PARI	K		
Busi	ness Name:		Contractor Name:		Contractor Address:		Phone	
Sta	rbucks Coffe	e	Daniel Brennan		50 Holt Road Ando	over	(603) 505-5633	
Less	ee/Buyer's Nam	e	Phone:		Permit Type:			
		S 107 Mg 4 107			Change of Use - C	ommercial		
	posed Use:				d Project Description:			
	inge the use to	allow a restaurant u	se on the 1st floor (1,925 sq	chang	e of use for a new St	arbucks Coffee		
ft)								
-								
D	ept: Zoning	Status: A	pproved w/Conditions	Reviewer:	Marge Schmucka	Approval Da		
N	ote:						Ok to Issue: 🗹	
1)	Separate per	mits shall be required	l for any new signage. This pe	ermit is NO	T approving any ex	terior signage.		
2)		r work requires a sep	arate review and approval thr	ru Historic	Preservation. This p	roperty is located wi	thin an Historic	
	District.							
3)			destrian Activities District (PA					
			e front windows shall not be b ouot review and approval PR			ock out visibility iro	in the sidewalk.	
			eviewed under a separate per	-		s not approving any	outside dining	
4)		ig is required to be r	eviewed under a separate per	init applica	tion. This approval	is not approving any	outside dining.	
De	ept: Buildin	g Status: A	pproved w/Conditions	<b>Reviewer:</b>	Jeanie Bourke	<b>Approval Da</b>		
No	ote:						Ok to Issue: 🗹	
1)		staurant, lounge, bar State Food Codes.	or retail establishment where	food or dri	nk is sold and/or pre	pared shall meet the	requirements of	
2)			any electrical, plumbing, sprin	nkler, fire a	larm HVAC system	s heating appliances	including	
			ood exhaust systems and fuel					
	part of this p							
3)	Approval of	City license is subjec	t to health inspections per the	Food Cod	e.			
4)	Equipment sl	hall be installed in co	mpliance with the manufactur	rer's specifi	cations and the UL	isting.		
5)		ons through rated ass 79, per IBC 2009 Se	emblies must be protected by	an approve	ed firestop system in	stalled in accordance	e with ASTM E	
0						1	4	
6)			mation provided by the appli- oved plans requires separate r				a received	
-			1 (6 1)		5 W U X		00/04/0010	
	ept: Fire	Status: A	pproved w/Conditions	Reviewer:	Ben Wallace Jr	Approval Da		
	ote:						Ok to Issue: 🗹	
1)	Any cutting a	and welding done wil	l require a Hot Work Permit	from Fire D	epartment.			
2)	2) All means of egress to remain accessible at all times.							
3)	Fire extingui	shers are required per	r NFPA 1.					
4)			ane penetrations in fire walls,					
shall be protected by firestop systems or devices in conformance with NFPA 101:8.3.5 (ASTM E 814 or ANSI/UL 1479).								
					anual containing the	al containing the detail for each firestop system or		
5)	device used for the project will streamline final inspection approvals.					acted on only		
5)	Fire walls, fire barriers, fire partitions, smoke barriers and smoke partitions or any other wall required to have protected openings or penetrations shall be effectively and permanently identified with signs or stenciling in accessible concealed floor, floor-ceiling							
			eeding 30 feet with lettering r				, 1001 vennig	
	1		0					

Location of Construction:	Owner Name:	Owner Address:	Phone:
145 COMMERCIAL ST	FLEMING CREEK LLC ETALS	150 METRO PARK	
Business Name:	Contractor Name:	Contractor Address:	Phone
Starbucks Coffee	Daniel Brennan	50 Holt Road Andover	(603) 505-5633
Lessee/Buyer's Name	Phone:	Permit Type:	
		Change of Use - Commercial	

- 6) A separate Suppression System Permit is required for all new suppression systems, including standpipe systems, and sprinkler work effecting more than 20 heads. This review does not include approval of system design or installation.
- 7) Construction or installation shall comply with City Code Chapter 10.
- 8) Notice: The first scheduled final inspection fee is at no charge. Additional inspections shall be billed at \$75 for each inspector.
- 9) \*\*The fire alarm system design shall be evaluated for the renovated areas by an NICET IV certified interior fire alarm designer or a licensed engineer for compliance with the code. A compliance letter is required prior to the final inspection.\*\* \*\*A current inspection sticker from an approved fire alarm inspection company is required prior to the final inspection.\*\*
- 10 Emergency lights and exit signs are required. Emergency lights and exit signs are required to be labeled in relation to the panel and circuit and on the same circuit as the lighting for the area they serve.

11 A separate Fire Alarm Permit is required for new systems; or for work effecting more than 5 fire alarm devices; or replacement of a fire alarm panel with a different model. This review does not include approval of fire alarm system design or installation.

City of Portlar	nd, Maine - Building or	Use Permit Applica	tion Pe	rmit No:	Issue Date	•	CBL:
	reet, 04101 Tel: (207) 874-			013-00156			029 S001001
Location of Construc 145 COMMERCI		me: IG CREEK LLC	150 MI	Owner Address: Phone: 150 METRO PARK ROCHESTER , NY 14623		Phone:	
Business Name:	Contractor	Name:	Contract	or Address:			Phone
Starbucks Coffee	Daniel B	rennan	50 Holt	50 Holt Road Andover MA 01810		(603) 505-5633	
Lessee/Buyer's Name	Phone:		1	Permit Type: Zone: Alterations - Commercial B3			
Past Use:	Proposed U	Jse:	Permit F	Permit Fee: Cost of Work: CEO District:		CEO District:	
offices	1 -	he use to allow a		\$1,595.00	\$15	0,000.00	2
restaurant use (1,925 sq ft)			FIRE DE 3/4/	13	Approved Denied N/A	INSPECTI Use Group	B Type:2B BEC 2009
Proposed Project Description: change of use for a new Starbucks Coffee			Signature: BAULALA, SE Signature: JULB-2/28/13 PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)				
			Actio Signa	C	Apr		nditions Denied Denied nte: $1/29 (13)$
Permit Taken By: bjs	Date Applied For: 01/25/2013			Zoning	Approva	al	
1. This permit a	pplication does not preclude th	ne Special Zone or I	Reviews	Zonin	ng Appeal		Historic Preservation
	from meeting applicable State			Variance	e		Not in District or Landmark
2. Building perm septic or elec	nits do not include plumbing, trical work.	Wetland		Miscella	neous		Does Not Require Review
<ol> <li>Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work</li> </ol>		e.		Conditio	onal Use		Requires Review
		Subdivision		Interpret	ation		Approved
		Site Plan		Approve	2d		Approved w/Conditions
		Maj Minor	MM h Condi	Denied		A	Denied facion i

### CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE



**General Building Permit Application** 

00

F.POR	TLANDY	15 Hoor					
	Location/Address of Construction: 145	Commercial Street .	Starbucks Coffee				
	Total Square Footage of Proposed Structure/A 1,925 3 F	rea Square Footage of Lot /4.958					
	Tax Assessor's Chart, Block & Lot	Applicant *must be owner, Lessee or Buyer	* Telephone:				
	Chart# Block# Lot#	Name Daniel Brennan	603-				
	029 5 1	Address 50 Holf Rd	505-5635				
		City, State & Zip Andover MA 01810	5				
	Lessee/DBA (If Applicable) Starbucks Coffee,	Owner (if different from Applicant) NAL The Dunham Group Name Katie Allen	Cost Of Work: \$ 150 K				
	275 Grove Street	Address 10 Dana Street	C of O Fee: \$				
se	Newton MA 02466	City, State & Zip Portland ME 04101	Total Fee: \$				
25	Current legal use (i.e. single family) <u>Commercial</u> - Rotail If vacant, what was the previous use? <u>Rotail - United</u> Hastith Care Group Proposed Specific use: <u>Collee Shop</u>						
	Is property part of a subdivision?						
	Project description: Tenorit filt up for a near Starbucks Collee with 78 interior seats and 6 exterior. All work is interior expect the 2 signs - 1 wall sign and Contractor's name: Address:						
	6 exterior. All work is interior expect the 2 signs - 1 wall sign and						
		Ant permitte	ole sign				
(B)	Contractor's name:	GIV FENED					
	Address:	RECTORIS					
	City, State & Zip	IAN 25 CONT Te	lephone:				
	Who should we contact when the permit is read	Tre inspective Te	lephone:				
	Mailing address:	JAN 25 2013 JAN 25 2013 Te Dept of Building Inspections Te Dept of Building Inspections Te					

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at <a href="https://www.portlandmaine.gov">www.portlandmaine.gov</a>, or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Date: 01-24-13 Signature: This is not a permit; you may not commence ANY work until the permit is issue



January 24, 2013

City of Portland Attn: Building Inspections Division 389 Congress Street Portland, ME 04101 207-874-8703

Re: Starbucks Coffee-Tenant Fit-up - 145 Commercial Street

To Whom it may concern,

Please find attached plans for the above referenced location for Building review. The scope of work for this project is a tenant fit up for a new Starbucks Coffee. This Package includes building application, full size set of drawings signed and sealed disk with electronic plans 11 x 17 size set and review fee of \$1,520.00

The plans are currently out to bid so the General Contractor is to be determined but we will provide that info once selected.

If you have any questions or require any additional information please do not hesitate to call me.

Sincerely

Daniel Brennan Jr 50 Holt Rd Andover MA 01810 Cell 603-505-5633

ALSURGAL AND	<b>Certificate</b> of <b>De</b>	sign Appl	ication
From Design	NORR ILLIN	OTS TNO	1 312-424-2400
	01-24-13		
Date:		A /	
Job Name:	UTarbucks Co	tee-Com	mercial T
Address of (	Construction: <u>145 Commercia</u>	St-po	rtland ME
	2003 International I	Building Code	
	Construction project was designed to the	0	ria listed below:
	2009 IBC		
Building Code	e & Year 2009 IEBC Use Group Classification	(s) Kusines	5
Type of Cons	truction <u>Existing</u> 2-B		
Will the Structu	re have a Fire suppression system in Accordance with Se	ection 903.3.1 of the	2003 IRC Yes - Existing
Is the Structure	mixed use? Yes. If yes, separated or non separated	rated or non separate	ed (section 302.3) Separated
	rm System? Y65 Geotechnical/Soils report re		
1		1	,
	sign Calculations –		Live load reduction
NA Exis	Submitted for all structural members (106.1 – 106.11)		Roof <i>live</i> loads (1603.1.2, 1607.11)
	on Construction Documents (1603)		Roof snow loads (1603.7.3, 1608)
	buted floor live loads (7603.11, 1807)		Ground snow load, Pg (1608.2)
Floor Area L	Jse Loads Shown		If $Pg > 10$ psf, flat-roof snow load $Bf$
NA	Existing		If $Pg > 10$ psf, snow exposure factor, $_G$
			If $Pg > 10$ psf, snow load importance factor, $\underline{I}_{f}$
			Roof thermal factor, $_{G}(1608.4)$
			Sloped roof snowload, PJ(1608.4)
Wind loads (1	603.1.4, 1609)		Seismic design category (1616.3)
NA	_ Design option utilized (1609.1.1, 1609.6)	- n	Basic seismic force resisting system (1617.6.2)
	Basic wind speed (1809.3)		Response modification coefficient, RI and
	Building category and wind importance Factor, Ju table 1604.5, 1609.5)		deflection amplification factor (1617.6.2)
	Wind exposure category (1609.4)		Analysis procedure (1616.6, 1617.5)
	Internal pressure coefficient (ASCE 7)     Component and cladding pressures (1609.1.1, 1609.6.2.2)		Design base shear (1617.4, 16175.5.1)
	Main force wind pressures (7603.1.1, 1609.6.2.1)	Flood loads (1	803.1.6, 1612)
Earth design o	lata (1603.1.5, 1614-1623)	N#	Flood Hazard area (1612.3)
NA	Design option utilized (1614.1)		Elevation of structure
	Seismic use group ("Category")	Other loads	
	_ Spectral response coefficients, SDs & SD1 (1615.1)	/V/t	Concentrated loads (1607.4
	Site class (1615.1.5)		Partition loads (1607.5)
			Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404

Building Inspections Division • 389 Congress Street • Portland, Maine 04101 • (207) 874-8703 • FACSIMILE (207) 874-8716 • TTY (207) 874-8936



## Certificate of Design

Date:	1/23/2013
From:	PETER DIGIN
These plans and / o	r specifications covering construction work on:

STARBUCKS COFFICE C KYS COMMERCIAL ST. - COMMERCIAL TENANT

IMPROLEMENTS ON EXISTING BUILDING

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the *2003 International Building Code* and local amendments.

	Signature:	Ri
SENSED ARCHIA	Title:	ARCHITECT
PETER A. DUBIN No. 2573	Firm:	Nore
OF MA MA	Address:	325 N. LASALLE #700
C OF NI		CHILAGO IL GOLSY
	Phone:	312 - 424 - 2400

For more information or to download this form and other permit applications visit the Inspections Division on our website at www.portlandmainc.gov

Building Inspections Division • 389 Congress Street • Portland, Maine 04101 • (207) 874-8703 • FACSIMILE (207) 874-8716 • TTY (207) 874-8936



## Transmittal

Date: To: Company: Address: Cc:	Building Insp Division – Jeanie Bou	Phone:	UPS Alison Lampier 873-312-1023 Alison.Lampier@nor	r.com
Project #: Project Name:	58862-001 Starbucks – Comme	rcial Street		
For your:	x review	use	x approval	record
Submittal Comment:	Reviewed / No Exceptions taken	Rejected / Resubmit	Revise and Resubmit	Reviewed as Noted
Other comment:				
Contents: Date 2/27/13	<b>Copies No.</b> 4	<b>Description</b> CD Sheet G-001		

Remarks:

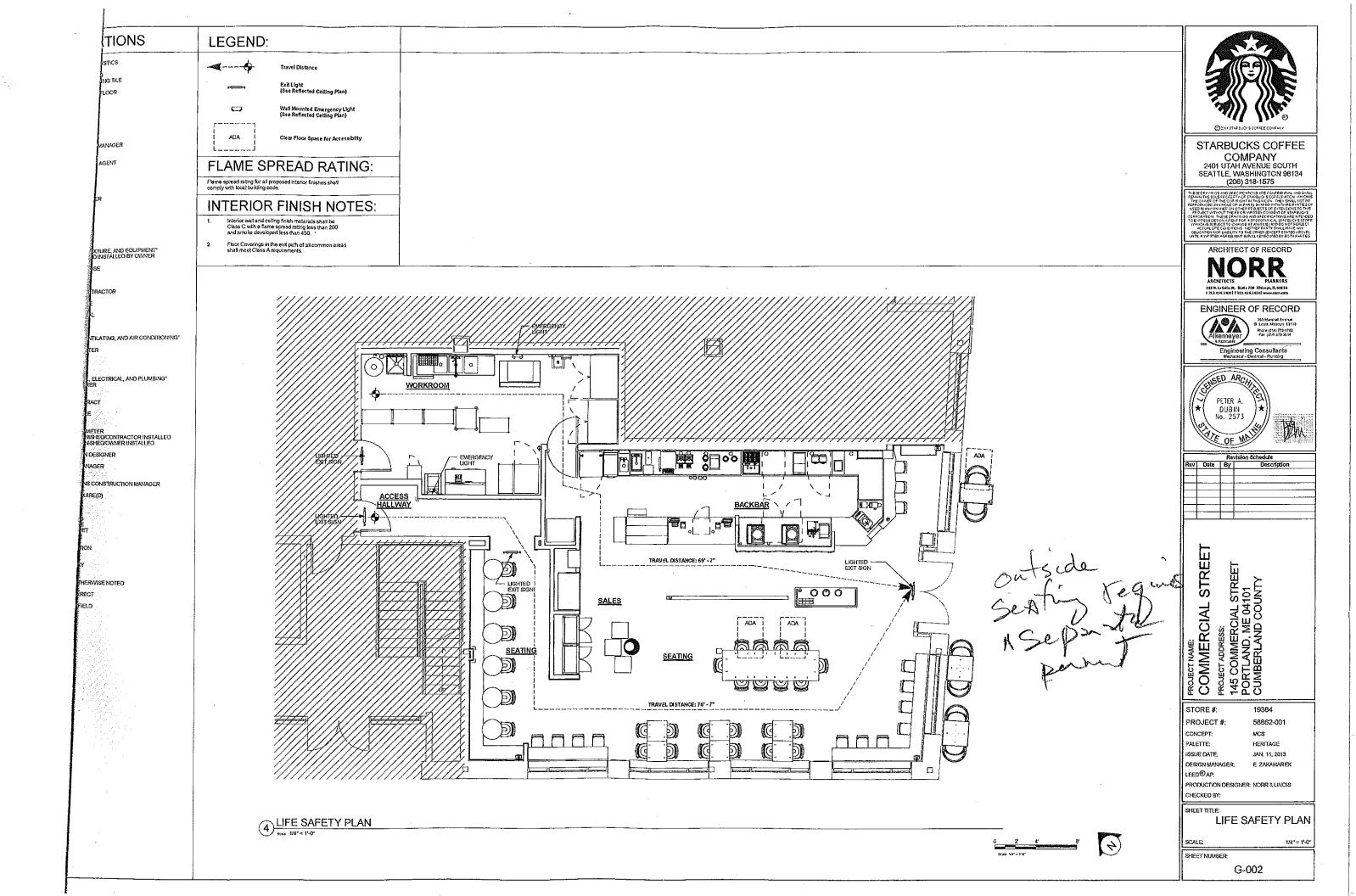
Signed: Alison Lampier

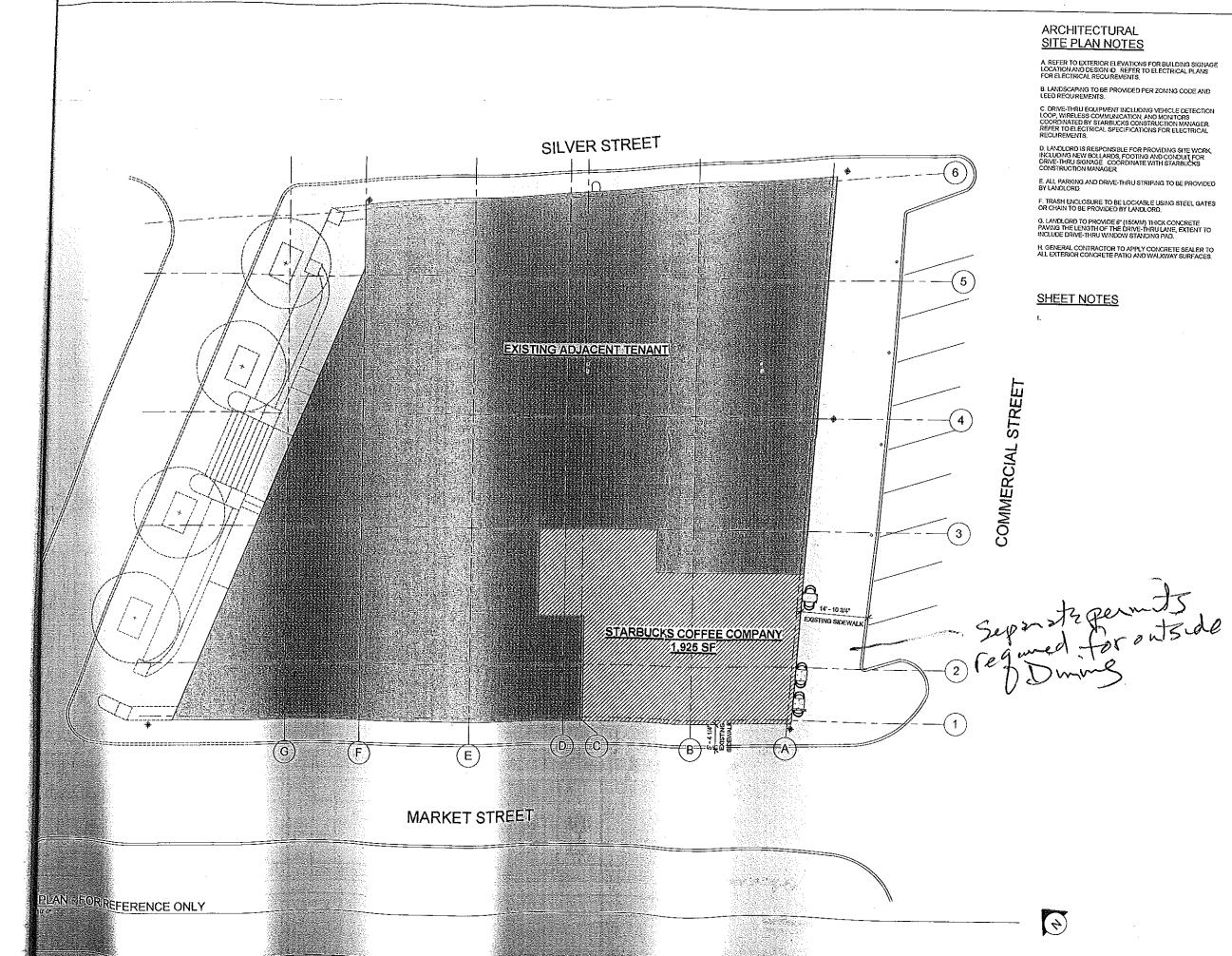


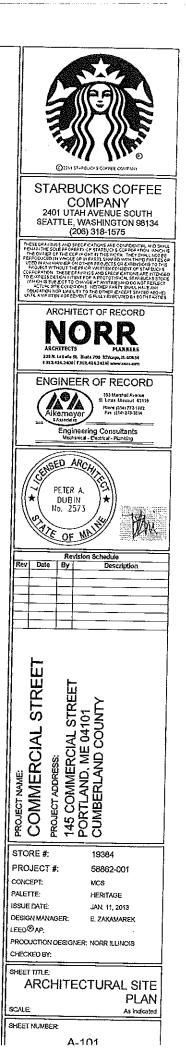
Dept. of Building Inspections City of Portland Maine

NORR Illinois Inc.

412 mp 4 24 24 142 49 47 70 42 1970 1 1 1







#### GENERAL NOTES

1. GENERAL CONTRACTOR SHALL VISIT THE SITE, REVIEW THE BUILDING SHELL DRAWNOS AS SUBWITTED BY THE LANDLORD OR STARBUCKS SITE SURVEYOR, AND BECOME THOROUGHLY FAMILIAR WITH THE SITE CONDITIONS PRIOR TO B ODING OR CONSTRUCTION 2. GENERAL CONTRACTOR SHALL CONSULT WITH STARBUCK'S CONSTRUCTION MANAGER TO RESOLVE ANY CHANGES, OMISSIONS, OR PLAN DISCREPANCIES PRIOR TO BODING OR CONSTRUCTION

3. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL COUNTY, STATE, AND FEDERAL CODES AND ORDINANCES

4. GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES.

5. GENERAL CONTRACTOR TO VERFY ALL DIVENSIONS, INCLUDING CLEARANCES REQURED BY OTHER TRADES, AND NOTEY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREMANCIES PRIOR TO PROCEEDING WITH THE WORK, ALL DURENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS IN DED OTHERWISE. ALL DIVENSIONS TO BE TAKEN FROM DESIGNATED DATUM POART, DO NOT SCALE DRAVINGS.

5. GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CELLINGS, OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF THE WORK

7. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS FOR FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SYSTEMS PRIOR TO INSTALLATION OF SUCH SYSTEMS.

8. GENERAL CONTRACTOR SHALL RETAIN ONE SET OF THE PLANS TO NOTE AND DOCUMENT ALL CHANGES DURING CONSTRUCTION. THIS SET SHALL BE A PART OF THE GENERAL CONTRACTOR'S STORE CLOSS-OUT FACKAGE'AS DESCRIBED IN THE CONSTRUCTION MANAGEMENT AGREEMENT.

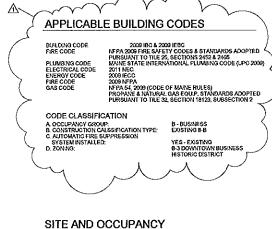
9. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING DELIVERY OF MATERIALS FROM STARBUCKS CONTRACTED THRO PARTY LOGISTICS DISTRIBUTION SERVICES AND VENDOR DIRECT SHIPMENTS. REFER TO CONSTRUCTION MANAGEMENT AGREEMENT FOR METHODS AND LEND TIMES.

10. RESPONSIBUTY FOR SUPPLY AND DELIVERY OF WATERAUS AND EQUIPMENT IS IDENTIFIED IN THE DRAWN'S SCHEDULE SHEETS UNDER THE COLUMN LABELED 'RESPONSIBUTY'.

11. FOR THE PURPOSE OF THE DOCUMENTS, TO 'INSTALL', SHALL MEAN TO PROVIDE ALL FASTEMERS, MISCELLANEOUS HARDWARE, BLOCKING, PROVIDE ALL PASTERERS, INSCELUMENOS FRANKARE, BLOCKING, ELECTRICAL CONNECTIONS, PLUMENOS CONNECTIONS, AND OTHER ITEMS REQUIRED FOR A COMPLETE AND OPERATION INSTALLATION, UNLESS OTHERMASE MOTED

12 ALL ITEM SUBSTITUTIONS MUST BE APPROVED BY THE STARBUCKS DESIGN MANAGER.

13. REFER TO (TEM OUTSHEETS FOR ADD(TIONAL INFORMATION



PROJECT DESCRIPTION:	COMMERCIAL TENANT IMPROV EXISTING BUILDING	EMENTS TO
BUILDING HEIGHT:	3 STORIES	
BUILDING USE:	COMMERCIAL	
ZOMNG:	B-3 DOWNTOWN BUSINESS HIS	STORIC DISTRICT
TYPE OF USE:	COFFEE SHOP	
TYPE OF OCCUPANCY:	B-BUSINESS	
OCCUPANCY LOAD:	SEATING: BEVERAGE/PREP: WORKROOM/STORAGE:	180 SF / 30 = 6 564 SF / 15 = 38 321 SF / 200 = 2 303 SF / 300 = 2 OCCUPANCY = 43
TOTAL SQUARE FOOTAGE: TOTAL INTERIOR SEATS:		
EXTERIOR SEASONAL SEATING:	6	
EXIT CAPACITY:	EXTT 1: 72 WDE	

EXIT 1: 72" WDE EXIT 2: 36" WDE EXIT 3: 25" WDE TOTAL EXIT WOTH PROVIDED: 144in 0.2X 47 = 10n REQUIRED

TRAVEL DISTANCE: 10 < 144 THEREFORE COMPLIES ALLOWED TRAVEL DISTANCE: 150-0" ACTUAL TRAVEL DISTANCE: 76-7"

NUMBER OF EXITS: M.N. NUMBER OF EXITS REQUIRED. 1 NUMBER OF EXITS PROVIDED. 1

ŝ

Sheet	Sheet Tide
A-102	ENLARGED SITE PLAN
GENERAL	
G-001	GENERAL INFORMATION
G-002	LIFE SAFETY PLAN
G-003	SCOPE OF WORK PLAN
G-010	DESIGN SPECIFICATIONS
G-011	DESIGN SPECIFICATIONS
G-012	DESIGN SPECIFICATIONS
ARCHITECT	URAL
A-101	ARCHITECTURAL SITE PLAN
A-201	ENLARGED EXTERIOR SEATING PLAN
A-301	EXTERIOR ELEVATIONS
INTERIORS	
F112	FLOOR PLAN
1-113	PENETRATION PLAN
F112	FF AND E PLAN
<b>⊨116</b>	CASEWORK PLAN
1-116.1	UPPER CASEWORK PLAN
F117	REFLECTED CEILING PLAN
F1121	DIMENSIONED CEILING PLAN
F117.2	DIMENSIONED LIGHTENG PLAN
F118	FLOOR FINESH PLAN
F119	WALL FINISH PLAN
F-201	INTERIOR ELEVATIONS
I-202	INTERIOR ELEVATIONS
F-203	INTERIOR ELEVATIONS
F401	ENLARGED BAR PLANS
1-501	CONSTRUCTION DETAILS
1-502	CONSTRUCTION DETAILS
1-503	WORKROOM DETAILS
1-506	WALL FINISH DETAILS
1-506	WALL FINISH DETAILS
1-507	CASEWORK DETAILS
1-508	CASEWORK DETAILS
F210	CASEWORK DETAILS
1-511	CASEWORK DETAILS
1-601	SCHEDULES
1-602	SCHEDULES

INDEX OF SHEETS

MECHANICAL SPECIFICATIONS M-001 M-111 MECHANICAL DESIGN PLUMAING P-001 P-111 P-112 P-501 PLUMBING SPECIFICATIONS PLUMBING SUPPLY PLAN PLUMBING WASTE / DRA'N PLAN PLUVBING DETAILS

ELECTRICA E-001 E-112 ELECTRICAL SPECIFICATIONS ELECTRICAL POWER PLAN E-113 LIGHTING PLAN

FIRE FA-001 FIRE ALARM PLAN

#### PROJECT CONTACTS

DESIGN MANAGER ERICA ZAKAMAREK STARBUCKS COFFEE COMPANY 7 PENN PLAZA 370 71H AVEJUE, 15TH FLOOR NEW YORK, MY 1000 (212) 515 9740 EXT, 9740 OFFICE (917) 971-1026 CELL EZAKAMAR @STARBUCKS COM

CONSTRUCTION KATHY LISBON MANAGER. (508) 241-7650 CELL (838) 339-7814 FAX KLISBON@STARBUCKS.COM

LANDLORD: KATTE ALLEN NAI THE DUNHAM GROUP 10 DAVA STRRET PORTLAND, ME OHIO1 (201) 773 7100 PHONE (201) 773 5430 FAX



#### NAVE AREA ACCESS HALLWAY

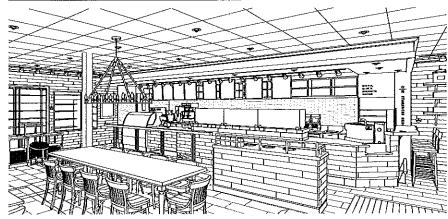
ROOM SCHEDULE

76 SF 319 SF 180 SF 800 SF 305 SF BACKBAR SALES SEATING WORKROOM Grand total 1680 58





### **3D INTERIOR PERSPECTIVE**



### ARCHITECTURAL SYMBOL LEGEND

N	NORTHARROW	PXXX-ES
·	EXTERIOR ELEVATION	[XXXXXX]
Ó	INTERIOR ELEVATION	(XXXX)
$\Rightarrow$	SECTION CALLOUT	X-XX® AFF
(-) 	DETA'L CALLOUT	XXXX AFF
⋒	REVISION TAG	<u>.x.</u>
<b>.</b>		$\sum$

-5

Large copy struped plans To be mailed Junk



PAINT TAO

DESIGN ID TAG

DOOR/WINDOW TAG

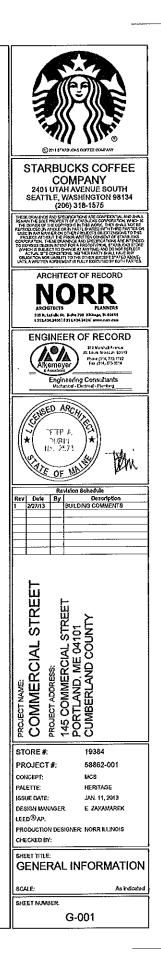
ABOVE FINISHED FLOOR HEIGHT TAG (IMPERIAL)

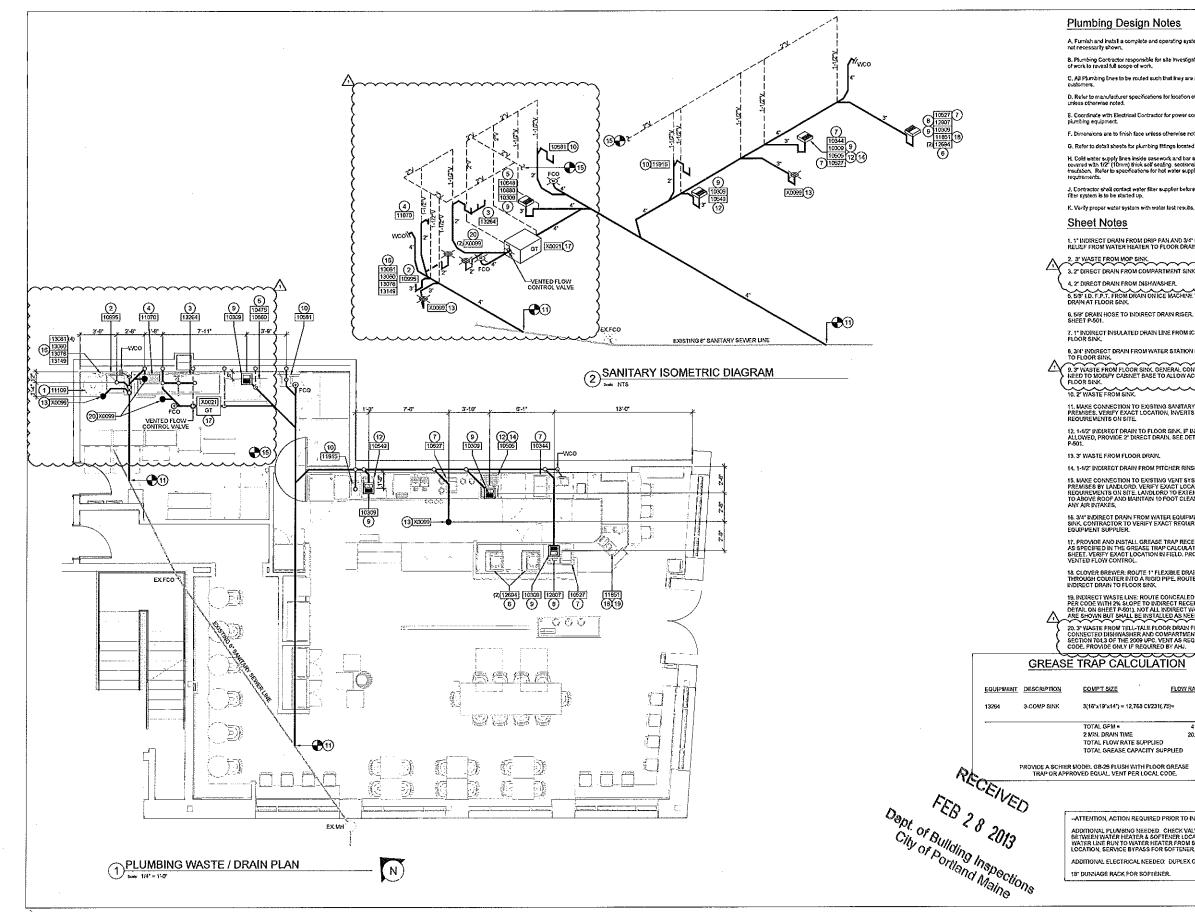
ABOVE FINISHED FLOOP HEIGHT TAG (METRIC)

DIVENSION LINE FROM FINISH FACE TO FINISH FACE

REVISION CLOUD







.

 $\sim$ 

#### **Plumbing Design Notes**

A. Furnish and install a complete and operating system. All items are not necessarily shown.

Plumbing Contractor responsible for site investigation prior to start of work to reveal full scope of work.

C. All Plumbing lines to be routed such that liney are not visible to customers.

D, Refer to manufacturer specifications for location of connections unless otherwise noted. E. Coordinate with Electrical Contractor for p plumbing equipment.

F. Dimensions are to finish face unless otherwise noted.

G. Refer to detail sheets for plumbing fittings located in case work. H. Cold water supply lines inside casework and bar area to be covered with fi2? (10mm) thick self sealing, sectional closed-cell foam insulation. Refer to specifications for hot water supply the insulation requirements.

J. Contractor shall contact water filter supplier before the time that the filter system is to be started up.

K. Verify proper water system with water test results.

1. 1" INDIRECT DRAIN FROM DRIP PAN AND 3/4" PRESSURE REUSEF FROM WATER HEATER TO FLOOR DRAIN.

4 2 DIRECT DRAIN FROM DISHWASHER

5, 55° 1D. F.P.T. FROM DRAIN ON ICE MACHINE TO INDIRECT

6. 5/8" DRAIN HOSE TO INDIRECT DRAIN RISER, SEE DETAK, ON SHEET P-501.

7. 1" INDIRECT INSULATED DRAIN LINE FROM ICE BIN DROP TO FLOOR SINK.

8, 3/4" INDIRECT DRAIN FROM WATER STATION DRAIN BOARD TO FLOOR SINK.

9. 3 WASTE FROM FLOOR SINK, GENERAL CONTRA NEED TO MODIFY CABINET BASE TO ALLOW ACCES FLOOR SINK.

10. 2' WASTE FROM SINK

11. MAKE CONNECTION TO EXISTING SANITARY SEWER WITHIN PREMISES, VERIEY EXACT LOCATION, INVERTS AND REQUIREMENTS ON SITE.

12. 1-1/2" INDIRECT DRAIN TO FLOOR SINK, IF INDIRECT NOT ALLOWED, PROVIDE 2" DIRECT DRAIN, SEE DETAIL ON SHEET P-501,

13.3' WASTE FROM FLOOR DRAIN.

14. 1-1/2' INDIRECT DRAIN FROM PITCHER RINSER SINK 15. MAKE CONNECTION TO EXISTING VENT SYSTEM (NAY 2) IN PREMISES BY LANDLORD, VERIFY EXACT LOCATION, SIZE AND REQUIREMENTS ON SITE LANDLORD TO EXITED VENT LINE TO ABOVE ROOF AND MAINTAIN 10 FOOT CLEARANCES TO ANY AR INTAKES.

16. 3/4" INDIRECT DRAIN FROM WATER EQUIPMENT TO MOP SINK CONTRACTOR TO VERIFY EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER.

17, PROVIDE AND INSTALL GREASE TRAP RECESSED IN FLOOR AS SPECIFIED IN THE GREASE TRAP CALCULATION ON THIS SHEET. VERIFY EXACT LOCATION IN FIELD. PROVIDE WITH VENTED FLOW CONTROL

18. CLOVER BREWER: ROUTE 1' FLEXIBLE DRAIN HOSE THROUGH COUNTER INTO A RIGIO PIPE, ROUTE 1' RIGIO PIPE INDIRECT DRAIN TO FLOOR SINK

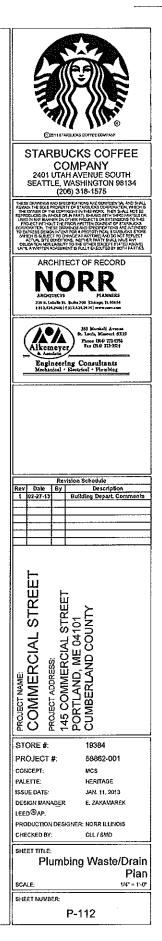
19. INDIRECT WASTE LINE: ROUTE CONCEALED AND INSTALL PER CODE WITH 2% SLOPE TO INDIRECT RECEPTOR (SEE DETAIL ON SHEET PSOT) NOT ALL INORRECT WASTE LINES ARE SHOWN BUT SHALL BE INSTALLED AS NEEDED.

20.3" WASTE FROM TELL-TALE FLOOR DRAIN FROM DIRECT CONINCCTED DISHWASHER AND COMPARTMENT SINK PER SECTION 704.3 OF THE 2009 UPC. VENT AS REQUIRED BY CODE. PROVIDE ONLY IF REQUIRED BY AH.

COMPT SIZE FLOW RATE REQUIRED 3(16"x19"x14") = 12,768 Cb/231(.75)= 41.5 TOTAL GPM = 41.5 GPM 2 MIN, DRAIN TIME 20.76 GPM TOTAL FLOW RATE SUPPLIED TOTAL GREASE CAPACITY SUPPLIED 25 GPM 75 LBS PROVIDE A SCHEER MODEL GB-25 FLUSH WITH FLOOR GREASE TRAP OR APPROVED EQUAL VENT PER LOCAL CODE. -ATTENTION ACTION REQUIRED PRIOR TO INSTALLATION --ADDITIONAL PLUMBING NEEDED. CHECK VALVE INSTALLED BETWEEN WATER HEATER & SOFTENER LOCATION, SOFT WATER LINE RUN TO WATER HEATER FROM SOFTENER LOCATION, SERVICE BYPASS FOR SOFTENER

ADDITIONAL ELECTRICAL NEEDED: DUPLEX OUTLET.

18" DUNINAGE RACK FOR SOFTENER.



#### General Specification Notes

ocope The InterN of the Specifications and the Drawings is to provide a complete and fully operational plumbing system. The Contractor shall furnish all labor, material, and equipment related to the installation of the plumbing work,

### We CANNERSON The Contractor shall thoroughly examine all areas where futures, equipment, and pring will be trashed and will report any condition that, in his opinion, prevents the proper installation of the plumbing work. Site Examination

Equipment and materials shall conform with the appropriate provisions of CSA, ULC, ASME, ASTM, UL, NEMA, ANSI, ASHRAE, NFPA, as applicable to each novidual unit or assembler.

Loose All work shall be performed in strict accordance with all applicable provincial and local codes and ordinances, in case of oraflict between the drawings and sportfoations and the codes and ordinances, it holpiest standard shall apply, The Contractor shall easily code requirements as a minimum standard without any extra code locatby code requirements as a minimum standard without any extra code locatby code requirements as a minimum standard without any extra code locatbords.

## Permits and Fees The Contractor shall procure and pay for all permits, fees, and inspections recessary to complete the plumbing work.

Warranty The Contractor shall unconditionally warrant all work to be free of defects in material and workmanship for a period of one year from the date of final acceptance by Starbucks and will repair or replace any defective work promptly and without charge and restore any other existing work damaged in the course of repairing defective materials and workmanship.

All work, materials and equipment shall meet LEED requirements & code. In case of conflict, the higher Standard shall apply.

### General Plumbing Notes

Pumbing Contractor shall coordinate with the General Contractor to patch and repeir all existing walls, floors, certings or other surfaces identified to remain that may become damaged during the course of work.

2. Exposed/surface mounted piping is only aboved in the bar area under counterlops, where it does not obstruct cabinet/devices and where approva-by Sathucks Construction Manager. If noted through reshruts, it shall be routed to maximize storage space and be protected from damage.

3. Drawings are diagrammatic and indicate general intent or arrangement of system(s). Furnish and Install all components needed whether indicated or not to provide a complete and operating system.

4. Contractor to verify all dimensions, including dearances required by other trades, and notly Starbucks Construction Manager of any discrepances prior to proceeding with the work. All dimensions are to the face of the finished surface unless noted otherwise. All dimensions to be taken from from adual bulking

5. The plumbing contractor shell coordinate plumbing work with other trades. The architectural drawings shall take precedence over all other drawings. See architectural drawings for Extures in casework and plumbing details.

All piping and/or plumbing devices shall be supported from structure (not from HVAC ducts or other pipes/conduits).

#### Plumbing Symbol Legend

	SorW	Sanitary or Waste Piping
	v	Vent Piping
GW	GW	Grease Waste
	CĐ	Condensate Drain
	CW	Cold Water Piping
	HW	Hot Weter Piping
	CWF	Cold Vister Filtered
TW	TW	Tempered Water
RD	RD	Refrigerant Discharge Paping
RS	RS	Refrigerant Suction Piping
	BV	Ball Valve
$-\bowtie$	GV	Gate Valve
	СН∨	Check Valve
Å٦	RV	Rebef Valve
\$	HB	Hose Bibb
- <b>i</b> 1	wco	Wali Cleanout
œ	FCO	Floor Cleanout
۵	FD	Floor Drain (Square)
0	FD	Floor Drain (Round)
0	HD	Hub Drain
	FS	Floor Sink (Square)
۲	F\$	Floor Sink (Round)
м	V+34	Water Meter
Ð	POC	Connect to Existing
Existing piping	shown in a b	ghter shade,

#### Piping

Soft, Waste, and Vent Piping Soit. Waste, and Vent Piping 107 (254mm) and smaller shall be service weight, hubbes, cast into pipe, and timing with receptore gistikit and stainless stead sitied and clamp. Provide hub and spipot, service weight cast increal pipe and fittings below grade where required by local codes. Schedel 60 ABS or VPC (bip and fittings the shorten weld may be substituted into soit, waste, and vent piping above and below grade it adoved by local automity. Advexture shall not necessarily and OCC content of 150 gpl. for PVD and 325 gpl. for ABS. All horizontal nurs shall drain at a grade of 140 per fact (21mm per meter) where possible but into case less than 160 per loct (10mm per meter) where AVU and Code.

Coordinate with local authorities for drainage requirements for equipment designated with indirect waste to foor sinks. Provide piped drain (P-trap and vers) to sanitary il required by local jurisdiction.

Domestic Water Fiping Domestic Water piping 2 1/2" (64mm) and smaller shell be copper lube with wrought copper sweat fittings joined with non-lead, non-antimony solder. Provide type "L" copper table above grade and type "L" below grade.

Condensate Drahage Piping The Fumbring Contractor shall provide condensate drains for air handing units and Starbucks exploring (refer to schedule). Condensate drahage piping shall be type "M" copper tuding with wrought copper sweat fittings joined with 50:50 solder.

Natural Gas Piping Gas piping shall be Schedule 40, seamless, black steel pipe. Provide piping support blocking on root, compatible with rooting system.

Hangers and Supports The Plumbing Contractor shall furnish all pipe exports required for equipment and material. All restoration area of piping shall be supported by pipe hangers installed as required by load codes. Additional supports shall be provided infere required to preve segging. Hangers and pipe statements to be found (storetate) with galaxing ed-cedings; non-metallic coated for hangers in direct conted with copper buring.

Connections Install unknow edgecent to each valve and at final connection to each piece of equipment. Install deleted couplings to connect piping materials of dissimilar metals. Screw pint steat piping up to and including 1-1/2" (38mm) for gas piping. Use non-lead, non-antimony soliter for soldering domestic water copper pipe.

Cleanouts Provide foor and well deanouts as indicated on the drawings or where required by code in all soil, waste, and drain times, in areas with certain to lie or carpted flooring, provide deanouts with square, adjustable, indicate bronze top. In wass with related (wing) flooting, provide deanouts with square, adjustable, ricked bronze top with ite recess. Cleanouts what he same the as pape except that deanouts have time of the noncellab deanouts alwab to same the angle or except that deanouts have the man 4" will not be required. Where deanouts occur in walls of finished areas, they shall be concelled before deanouts access rowers.

Installation Installation Install piping free of says and bends. Provide bracket standoffs from mounting purfaces sufficient to allow 11 (25mm) of cleaning space all around piping, including any added piping instalson. Install fittings for ordrages in direction and transh connections. Install beeves for pipes passing incough concrete and masomy walls, grapusm board partitions, concrete four and nod bask. Seak pipe penetrations fincary incide construction with the subpring sealard material per Code requirements. Underground water and several inces shall be laid in separate transher with a infirmum hotorotical spacing as required by code, excervated to the proper depth and graded to produce the required tail.

## Testing All pipes shall be leaded by an approved method before they are backfilled or concealed. After testing is complete, the Plumbing Contractor shall disinfed the potable mater system as required by bool eutority. Test water purity according to bool requirements and eutomit certified test results to engineer for review and approval.

#### Insulation

 
 Write Piping
 Provide Premail Insulation on all hold and cold water, and horizontal waste piping in cetting spaces, and on all cold water piping in cesting spaces, and on all cold water piping in cesting spaces. Use set feasing closed cells four or picketed Berglass insulation with immundaturer approved admissives, sealers, and obstract divergebases insulation with immundaturer approved admissives, sealers, and coatings. All materials used shall not exceed 25 for faure spread holes, 50 for fuel control to darks, 50 for fuel control to dark of 50 for sincle developed index. Unless otherwise required by the local authority or energy codes, the minimum insulation levels shall be as follows.

 Pipe Size (damated)
 Index (damated)
 Index (damated)
 Index (damated)

 Lists than or equal to 1122 (30mn)
 1122 (30mn)
 1122 (30mn)
 1122 (30mn)
 Water Piping Provide thermal

(Insulation Value = k value not exceeding 0.027 BFU per inclv/h\*1/2\*f)

Safety Covers Install specified no soald safety covers with insulated form liner and temper proof strap as furrithed by Starbucks at all exposed piping.

ice Bin Drain Insulate ice bin drain ines with 1/2" (13mm) likick, self seating, sectional, closed cell foam,

Valves
Valves

# General Pumbing Contractor to provide valves where indicated on plans and as necessary for proper system operation and component isolation. Install valves for each fature and ferm of equipment. Provide bracked staintess steel hose (unless otherwise noted) between valve and equipment. The other with manufacture's specifications. Locate shut-off valves adjacent to equipment for easy access such that valves scale to reached without moving equipment. Thus of valves to be failt type. Valves shall be taskapproved for use per Authorities Harving Jurisdiction (AHU) and code requirements.

\$	
le velves for working pressure in water piping	of 125 PSI or greater. Unless noted
vise valves shall meet the following minimum	requirements.
Valve Type	Description
Check Value (up to 2" (51mm))	Bronze, horiz, swing, Y-patiern,
	renewable seet/disc
Ball valve (up to 3' (76mm))	Brass, full cort, quarter turn
Gate Valve (up to 3" (76mm))	Bronze, non-rising stem, solid wed
Temperature and Pressure Rebef Valve	Rated for potable water heating
	storage vessel with safety certifical
	per AHJ.
Water Hammer Attestor	Pre-charged, sealed chamber
Backfow Preventer (whole-house)	Double check velve assembly with
	union bell valves and safety
	certification per AHU
Backflow Preventer (single device)	Double check valve assembly with
	saleh certecator per AHJ
Vacuum Relief Valve	Brass body and stainless steel
	internais
Pressure Reducing Velve	Bronze, 25 to 75 psi reduce pressu
-	range and upstream/downstream

Supply Water Service If water pressure suppled to ators is greater from and 65 PSI, then provide a pressure regulator in main supply to reduce water pressure. Provide backdow prevention on water reduce it required by local codes.

Thermostatic Plusting Valve Provide a single Thermostatic Mixing Valve (TMV) located at hot water tank and set for 110 (or as required by AHU) to serve hand sinks. Mixing valve to be installed per Manufacturer's requirements with check valves at supply inlets.

mater neater Sze water healer per Stazbucks standard and per Authorities Having Jurisdiction (AHJ), whitevers is more stringert. Provide a glass-Ined, energy stilleert, gas field (or electric explander) water healter. Provide installation complete with fittings as shown in the drawings. Set hot water temperature at 120°F or as required by AUJ.

Contractor is complete wit

VFeet v Cleanout eral Contractor und Fault Circuit Interrupter ase Wasts MFG MIN MS NIL SPC POM REF POM REF POM REF SPECS SF TELLP TWW UNO Marchacabe Manimura Mop Sink Nightight Not to Scale high to Scale Mumbing Contractor Prep Sink Point of Connection Project Manager Reference Required(d) Revision Sheet Scales Stool States Stool States Stool Temporature Micing Valve Temporature Micing Valve Temporature Micing Valve Unites Noted Otherwise Vent Vent Sanitary Waste Water Heater Weather Proof Wall Cleanout WH WP WCO

J. Contractor shall be readily analable for any re-testing of equiption deemed necessary by Starburds CXA during installation verification and functional performance testing. Contractor is responsible to correcting any issues or deficiencies bound in the system during any and all re-testing. Corrections who did be made in a lineir manner without disruption to the system and contractions should be Deliverables. Enal behave report, disferences list noting corrective and buy contractors in sectors performance list results.

PLUMBING FIXTURE SCHEDULE - "P"

		FEGRANG FATORE SCREDULE	
DESIGN ID	COUNT	DESCRIPTION	RES
~10024	To to	GREASE TRAP	GC
ORAIN		<b>```</b>	
10309	4	VDRAIN - FLOOR SINK WITH HALF GRATE SQUARE + 12/N 305MM	WH
X0099	4	DRAIN - 5" FLOOR DRAIN	DAH .
FADCET	$\sim$		
10152	1	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT	h₩H
10153	1	FAUCET - WATER TOWER - 12IN 305MM	WH
10215	2	FAUCET - DOUBLE LABORATORY WITH SWING SPOUT	WH
10447	1	FAUCET - PRE RINSE SPRAYER VIALL MOUNTED	WH .
10597	1	FAUCET - SINGLE HANDLE	WH
10604	1	FAUCET - PRE RINSE SWING SPOUT	WH
10874	1	FAUCET - HOT WATER DISPENSER GOOSENECK	WH
10922	1	FAUCET - MOP SINK WALL MOUNTED	WH
10943	1	FAUCET - SINGLE LABORATORY WITH SWING SPOUT	WH
11003	1	FAUCET - DIPPERWELL	WH
FILTER			
13076	1	FRITER - PREFRITRATION SYSTEM	IWH
13080	1	FILTER + HEAD QUAD	WH
13081	4	FILTER - CARBON FILTER CARTRIDGE	WH.
13149	1	FILTER + PRESSURE GAUGE	WH
OTHER			
11109	1	WATER HEATER 50GAL 190L ELECTRIC	GC
SINK	1		l
		SINK - RINSE DROP IN - 27X20IN 695X510MM	N/H
10505	1		
10549	1	SINK - WORK DROP IN SST - 12X20IN 305X510MM	NYH .
		SINK - WORK DROP IN SST - 12X20IN 305X510MM SINK - HAND WALL MOUNTED SST	įмн
10549	1	SINK - HAND WALL MOUNTED SST SINK - MOP - 24X24IN 610X610MM	WH WH
10549 10581	1	SINK - HAND WALL MOUNTED SST	įγγH

## SPECIALTY EQUIPMENT SCHEDULE - "E" \_\_\_\_ .....

## so arter turn 1 stem, solid wedge water heating h safety certification

А

	FD	11004
	FS	Floor
ah	F8)	Furn
	FLR	Floor
	FT	Foot
žh	FCO	Ficor
	GC	Gene
	GFCI	Grou
	GW	Grea
SUTE	HR	Hour
۰. ۱	HVAC	Heat
		Ar C
tic	HW	Hot
	HS	Hand
	HWS	Het
	HVR	Hot
•	11	Land
	ĩŶ	Lo#
	MAX	Maxi
	NECH	Mech
	MC	Med
x	MOP	Main
	MEP	Mech
		and
	MEG	Man

Abbreviations

Contractor shall provide support and work as specified, needed and required to conduct and facilitate Starbucks stall holding commissioning efforts. This work will be complised linese district efforts: 1) support Starbucks Commissioning Apert (CMX) during installation verification and correct disobsced delicencies: 2) perform testing adjusting adjustment and append starbucks Consult performance tasking by Starbucks Starbucks and entities of buckston consult performance lasting and submit reports. Contractor eliab perform and performance lasting and submit reports. Contractor eliab perform and performance lasting and submit reports. Contractor eliab performance lasting and submit reparts. Contra

A Systems subject to commissioning may include, but are not limited to, domestic hot water generation, HVAC systems, troolings mails, subtants fams, HVAC controls, lighting controls, air curtains, built-in refrigeration equipment, and receivable energy systems.

B. Contractor shall include commissioning activities in project schedule and show intervals for performance of work for which contractor is responsible and intervals for work performable by Statucius (AX. Contractor and a bit one resources for performing all work related to commissioning activities on a line item in the schedule of values.

C, Contractor shall install equipment in accordance with the manufacturer's requirements and all contract documents. Ensure that all equipment is installed locally complete, and accessible to Statulous (CAA for installaction verification and functional performance testing prior to the scheduled start of installation verification.

E. Contractor shall be readily available during installation verification to correct any deficiencies or defects disclosed by the installation verification process. Corrections shall be made in a timely manner without disruption of the construction schedule.

F. All HVAC, exhaust any and air curtain equipment shall be tested, adjusted and balanced by the contractor's lesting, adjusting and balance agent (see lesting adjusting and balance) allow the system is verified to be complete and correct by Starbuds CXA, in accordance with the requirements of linese documents. All HVAC control dystems shall be tasked to ensure the control dystems component, equipment and spectrations. Sequences do peration shall be tasked and spectral transmission. Deviations are utilized and operation shall be tasked as the share expect on forming the tasked and operation shall be tasked. Interpation with the requirements appointed requirements operation shall be tasked and operation shall be tasked. The share operation shall be tasked and operation shall be tasked as tasked and operation shall be tasked and operations and be work.

Immediately upon competent of the work. G. Contradore shall inform Statuckie SCA when equipment is ready for functional performance testing. All equipment shall be ready for functional performance testing prior to batting testing. Contractor shall operate equipment for Statuckia SCA and verify by demonstration the correct operation of equipment, response of seconds, and repore reactions of MXA control and lighting sequences; industing but not limited to, all invited and spring sequences industing but not limited to, all invited and spring sequences industing but not limited to, all invited and operations and control response. Provide any security access, hardware, locknerg, or other support as needed for the Statuckis SCA is efficiently initiates and document all equipment testing. Statuckis SCA is a distormediate leaded by the instruction and informance leads for control in the and out the operation includes, but is not limited to, all handing umbs, nototo part provide completed copies of all status preports, filed out on the menufacturers' forms, to the Statuckie SCA.

forms, to the Starbucks CXA,

H. Contractor is responsible for correcting any issues or deficiencies disclosed during the functional performance testing process. Corrections should be made in a timely manner without disruption to the system and construction schedule.

K. Construction and post construction testing: additional testing may be required by LEED and other processes that may occur out of sequence with commissioning services. Contractor shall construct document, support and schedule this testing as directed by Starbucks OXA.

NHU,	
86n har Rizalan vendor will provide Rizalan system. Contractor shall barbucks Construction Manager whether verdor or FLinbling to Instal Barcon system. Provide and coordinate installation and phylop. Rizalay, and explorment as biodiated on the drawings.	
s Contractor shall make all final connections to equipment inclusing strai such as piping, valves, filters, traps, checks valves, vacuum i flexible and rigid lubing.	
dules on drawings (Prumbing & Arch, Schedules) for a description	

# Connection: The Plumbin required may breakers, and

Schedules Refer to schedules or of issed items and its of Ested items and harios any and all planting & Arch, Schedules) for a description descrepancies and harios any and all planting fotures (sided as 'GC', Any descrepancies about who is to punckle planting fotures in the obsched eval be brought to Starbucks attention for clarification, install all futures isded regardless of who supplies.

HVAC Piping Insulate refregerent suction piping and cooling coil condensate piping with 3/4" (19-nm) thick, well reading, closed cell foam, insulate HVAC hot and chilled water piping systems and low pressure steam and condensate piping with 11/2" (20mm) thick, heary duity, self seading, picketed flowglass, hardwall hickar insulation where required by Code.

Rate Conductors Insulate rain water conductors which pass through occupied areas with 1/2" (13mm) thick fiberalass

DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
QUIPMENT				
10746	1	8REWER DUAL SOFT HEAT	'AH	T T
11070	1	DISHWASHER SANTIZER	WH:	ENERGY STAR COMPLIANT
11851	1	BREWER CLOVER	VD	
12694	2	ESPRESSO MACHINE MASTRENA	WH	
¢E.				
10344	1	ICE - BIN DROP IN 95LB	YD .	EUKAY
10475	1	ICE - MACHINE 1109LB AIR COOLED SIDE VENT	VD	MILE HIGH
10527	2	ICE - BIN DROP IN 45LB	ЧH	
10850	1	ICE - BIN 1000LB	VD	MULE HIGH

## Valves Provide otherwi

# range and upstream/downstream pressure gauges Bronze, pressure based automati

Trap Seal Primer

## Plumbing Fixtures

Water Filtra Starbucks wa confirm with

#### LEED System Commissioning

#### Contractor Responsibilities for Building Commissioning

D. Installation verification shall be performed by Starbucks' CXA. Contractor shell support Starbucks CXA installation verification efforts as necessary. Provide all access and equipment necessary for Starbucks shall be verify that the equipment is

Р.	COMMENTS
	SEE SHEET P-112 FOR SPECIFICATION
1	$\sim \sim $
t	day R. Smith Model #3001-12 or equel 1
	Wate Wodel #1100STD5 or Equal.
	f
	12 GPM VALVE
	FC' MODEL 0.5 GPM AERATOR
• • • •	
	PENTAIR WATER SYSTEM - CONFIG 1
	PENTAIR WATER SYSTEM - CONFIG 1
	PENTAIR WATER SYSTEM - CONFIG 1
	PENTAIR WATER SYSTEM - CONFIG 1
	PERINA INTER STOLEN CONTROL
	AO SMITH Model #DEL-50 or Equal, 54 GPH Recovery @ 90 Degree Rese. Set Water Heater to 120 Deg. Max. Energy Factor = .98 12 KW 3 PH 277 / 480V
	INTEGRAL FAUCET WITH 0.5 GPM AERATOR
	ELKAY
	ELKAY

COMMENTS	

