

1
AD1.1

1
AD1.1

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

DEMOLITION: FLOOR PLAN

DEMOLITION KEY NOTES:

REFER TO D1.0 FOR DEMOLITION GENERAL NOTES

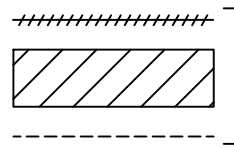
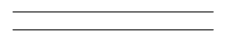
Dx 'x' DENOTES KEY NOTE NUMBER BELOW

- REMOVE PARAPET CAP AND ROOFING STRUCTURE. PREP TOP OF REMAINING STRUCTURE TO RECEIVE NEW PARAPET TO SUIT NEW WORK.
- REMOVE EXISTING EXTERIOR FINISH IN INDICATED AREA BACK TO PLYWOOD SHEATHING. PREPARE EXPOSED SHEATHING TO RECEIVE NEW WALL FINISH TO SUIT NEW WORK.
- REMOVE ALL EXTERIOR LIGHT FIXTURES. CUT BACK AND SECURE WIRING.
- REMOVE EXISTING BUILDING SIGNAGE. CUT BACK AND SECURE ANY ELECTRICAL WIRING TO BEHIND PLYWOOD SHEATHING.
- REMOVE WINDOW DECALS THROUGHOUT.
- REMOVE STOREFRONT/ WINDOW ASSEMBLY OR INDICATED PORTION THEREOF AND RE-FRAME AS REQUIRED TO SUIT NEW WORK. MAINTAIN AND/OR PROVIDE STRUCTURAL SUPPORTS A1.0.

- REMOVE EXISTING STOREFRONT DOORS, PREP FRAME AS REQUIRED TO SUIT NEW WORK.
- NOT USED
- TOILET DEMOLITION SCOPE:
 - REMOVE PLUMBING FIXTURES.
 - REMOVE ALL ACCESSORIES.
 - REMOVE TOILET PARTITION DOORS, FRAMES, AND ASSOCIATED HARDWARE.
 - REMOVE FLOOR AND WALL FINISHES.
 - REMOVE PARTITIONS.
 - REMOVE CEILING.
 - REMOVE LIGHT FIXTURES.
 - REMOVE DIFFUSERS, REGISTERS.
 - SAW-CUT AND REMOVE EXISTING CONCRETE SLAB ON GRADE (V.I.F.) FOR PLUMBING TRENCHING AND ROUGH IN.
- REMOVE EXISTING COUNTERTOP ASSEMBLY AND MENU BOARD TO SUIT NEW WORK, REFER TO CONSTRUCTION DRAWING A1.0. COORDINATE WITH DECOR DRAWINGS.
- FOR FURNITURE DEMOLITION SEE INTERIOR DECOR DRAWINGS.
- EXISTING LADDER TO REMAIN.
- EXISTING MASONRY WAINSCOT FINISH TO REMAIN.

- REMOVE EXISTING CEILING TILES, GRID, ELECTRICAL FIXTURES, CONDUITS, ETC.
- REMOVE ALL EXISTING INTERIOR FINISHES; WALLS, FLOORS AND CEILINGS. COORDINATE THE EXTENT OF DEMOLITION WITH THE DECOR DRAWINGS FOR NEW SCHEDULED FINISHES.
- EXISTING MECHANICAL DUCTWORK TO REMAIN. EXISTING DIFFUSERS TO BE REMOVED & REPLACED.
- SEE KITCHEN DRAWINGS FOR EXTENT OF EQUIPMENT BEING REMOVED/RELOCATED.
- EXISTING VALANCE/ ABOVE DROP SOFFIT TO REMAIN.
- NOT USED.
- REMOVE EXISTING FLOOR FINISH. SAW-CUT CONCRETE SLAB ON GRADE FOR PLUMBING TRENCHING AND ROUGH-IN PER PLUMBING DRAWINGS. PATCH SLAB AND FLOOR FINISH TO MATCH ADJACENT CONSTRUCTION.
- COMPLETELY REMOVE EXISTING OVERHANG PROJECTION / TRIM IN INDICATED AREAS.
- EXISTING DOOR AND WINDOW TO REMAIN.

DEMOLITION LEGEND:

-  EXISTING TO BE REMOVED
-  EXISTING AREA TO REMAIN
-  EXISTING PARTITION/ WALL TO REMAIN

DEMOLITION GENERAL NOTES:

- THESE DRAWINGS WERE PREPARED BASED ON INFORMATION OBTAINED FROM SITE OBSERVATIONS. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN FIELD PRIOR TO DEMOLITION & NOTIFY A/E IN CASE OF DISCREPANCIES ASAP. DEMOLITION IS TO BE EXECUTED SO AS NOT TO DISTURB EXISTING FOUNDATION AND STRUCTURE.
- A. 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 ARCHITECTURAL, PLUMBING, ELECTRICAL & HVAC WORK.
- B. IF CONTRACTOR ENCOUNTERS ANY HAZARDOUS MATERIALS DURING DEMOLITION OR CONSTRUCTION, HE SHALL IMMEDIATELY SUSPEND WORK & NOTIFY THE MCDONALD'S AREA CONSTRUCTION MANAGER BEFORE PROCEEDING.
- C. DEMOLITION SHALL BE CARRIED OUT IN A SAFE MANNER & IN STRICT ACCORDANCE WITH OSHA REGULATIONS. SAFETY MEASURES AND PROCEDURES ARE THE CONTRACTORS RESPONSIBILITY.
- D. DIMENSIONS AND CONFIGURATIONS OF EXISTING CONDITIONS SHALL BE VERIFIED IN THE FIELD AND ANY DISCREPANCIES OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE MCDONALD'S ACM FOR RESOLUTION.
- E. DEMOLITION CONTRACTOR TO COORDINATE & REVIEW ALL CONSTRUCTION DOCUMENTS & DETERMINE THE EXTENT OF DEMOLITION WORK & BECOME FAMILIAR WITH THEM BEFORE PERFORMING ANY DEMOLITION WORK. BY THE ACT OF STARTING DEMOLITION, THE CONTRACTOR WILL BE DEEMED TO HAVE COMPLIED WITH THE AFOREMENTIONED, TO HAVE ACCEPTED SUCH CONDITIONS, AND TO HAVE MADE THE NECESSARY ALLOWANCES IN PREPARING HIS BID.
- F. ELECTRICAL DEMOLITION NOTE: REFER TO ELECTRICAL DRAWINGS FOR DETAILED ELECTRICAL DEMOLITION NOTES.
- G. VERIFY WITH OWNER THE DISPOSITION OF ALL FURNISHINGS, MILLWORK, LIGHTING FIXTURES, INTERIOR ELEMENTS, ETC. TO BE REMOVED. ALL ITEMS TO BE DISPOSED OFF-SITE AND IN A LEGAL MANNER.
- H. SAWCUT & REMOVE EXISTING SLABS AS REQUIRED FOR UNDERGROUND ELECTRICAL & PLUMBING LINES. REFER TO PLUMBING, ELECTRICAL & KITCHEN DRAWINGS FOR ALL SAWCUTS & TRENCHING WORK REQUIRED. CONCRETE FLOOR WORK TO BE FINISHED FLUSH WITH EXISTING FLOOR. DOWEL NEW SLABS TO EXISTING W/ #4 REBAR @ 24" O.C. EACH SIDE (STAGGERED). REBAR TO EXTEND 6" INTO EXISTING SLAB & ACROSS CUT OPENING. SECURE REBAR INTO EXISTING SLAB W/ EPOXY GROUT. REPLACE OR REPAIR ANY VAPOR BARRIERS DISTURBED DURING EXCAVATIONS.
- I. CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING/SHORING AS REQUIRED TO MAINTAIN STRUCTURAL STABILITY OF THE EXISTING STRUCTURE DURING ALL PHASES OF CONSTRUCTION.
- J. PROTECT EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR TO PATCH & REPAIR ANY PORTIONS OF THE EXISTING BUILDING AFFECTED BY NEW WORK AS REQUIRED TO MATCH THE EXISTING ADJACENT CONSTRUCTION & FINISHES.
- K. THE 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.
- L. REMOVE ANY SINKS, WATER CLOSETS, URINALS, LAVATORIES, FLOOR DRAINS, NOTED ON DRAWINGS AS WELL AS ALL ASSOCIATED PLUMBING ACCESSORIES. CAP, PLUG ALL ABANDONED SUPPLY & WASTE LINES. PATCH & SEAL ALL FLOOR PENETRATIONS. SEE MECHANICAL & PLUMBING DRAWINGS FOR DETAILED DEMOLITION NOTES.
- M. WHEN UTILITIES ARE REMOVED, CAP & SEAL A MINIMUM OF 8" BELOW FINISH FLOOR OR A MIN. OF 1" BEHIND WALL FINISH AND A MINIMUM OF 6" ABOVE FINISH CEILING.
- N. COORDINATE PLUMBING DEMOLITION WORKS WITH NEW TOILET LAYOUT, REFER PLUMBING DRAWINGS.
- O. CUT ALL EXISTING PLUMBING RISERS AND EXTEND UNDERSLAB PIPING TO NEW PLUMBING CHASE LOCATION AS REQUIRED.
- P. SEE DEMOLITION ELEVATIONS FOR MORE INFORMATION.
- Q. EXISTING BUILDING SIGNAGE - CONTRACTOR TO SELECTIVELY REMOVE AND COORDINATE TRANSFER/DISPOSAL OF WITH MCDONALDS A.C.M. COORDINATE DE-ENERGIZING OF CONNECTIONS PRIOR TO DEMOLITION. COORDINATE RE-USE OR ABANDONMENT OF UTILITIES. ABANDONED POWER SHALL BE REMOVED BACK TO PANEL/BREAKER. CONDUIT MAY REMAIN.
- R. CONTRACTOR SHALL VERIFY ALL CRITICAL EXISTING ELEVATION HEIGHTS ABOVE FINISH SLAB, INCLUDING, BUT NOT LIMITED TO: WINDOW SILL, WINDOW HEADS, TOP OF WALL, BOTTOM OF MANSARD ROOF SOFFITS, TOPS OF PARAPETS, ETC.
- S. REMOVE ALL MANSARD ROOFING.
- T. REMOVE ALL EXTERIOR CAMERAS AND OTHER EXTERIOR MOUNTED SECURITY EQUIPMENT AS NECESSARY TO PERFORM WORK.
- U. AS NECESSARY, REMOVE:
 - EXISTING EXTERIOR PLAY/PLACE FENCING AND EXISTING SAFETY SURFACE
 - EXISTING EXTERIOR TABLES AND CHAIRS
 - CONCRETE CURBS
 - EXTERIOR GUARDRAILS AND BOLLARDS TO ACCOMMODATE NEW WORK

DRAWN BY KP		STD NOV 2016	DATE NOV 2016	REVIEWED BY AECOM TEAM	DATE ISSUED 03/22/2018	SALT LAKE CITY, UT 84115	
TITLE MRP CORE 16 2.0 EXTERIOR		DESCRIPTION PARTIAL FLOOR PLAN		GENERAL NOTES & KEYNOTES		SITE ADDRESS 043-0116 3890 S. 1100 EAST	
SHEET NO. AD1.0		DEMO FLOOR PLAN		REV		DATE	
						DESCRIPTION	
						BY	

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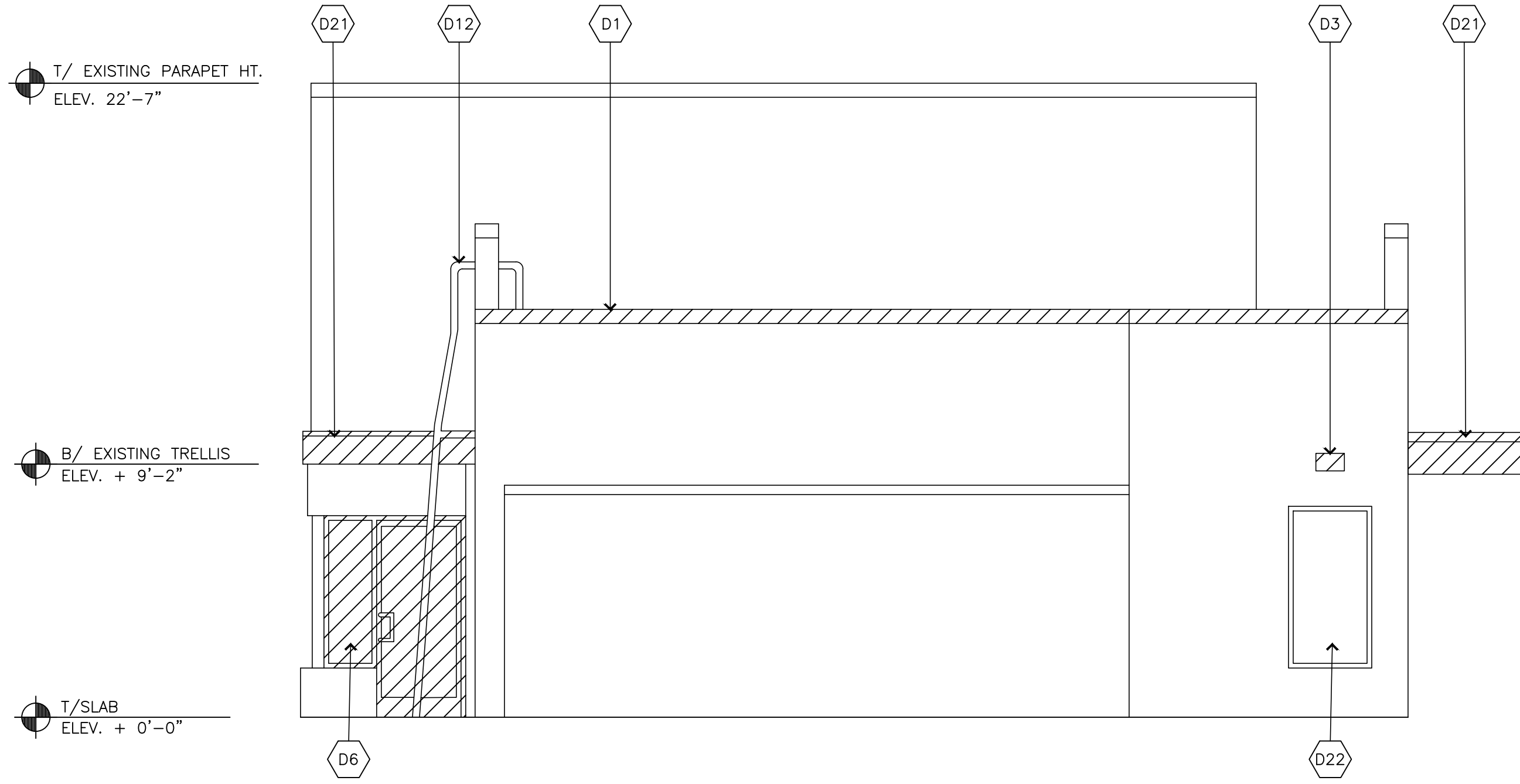
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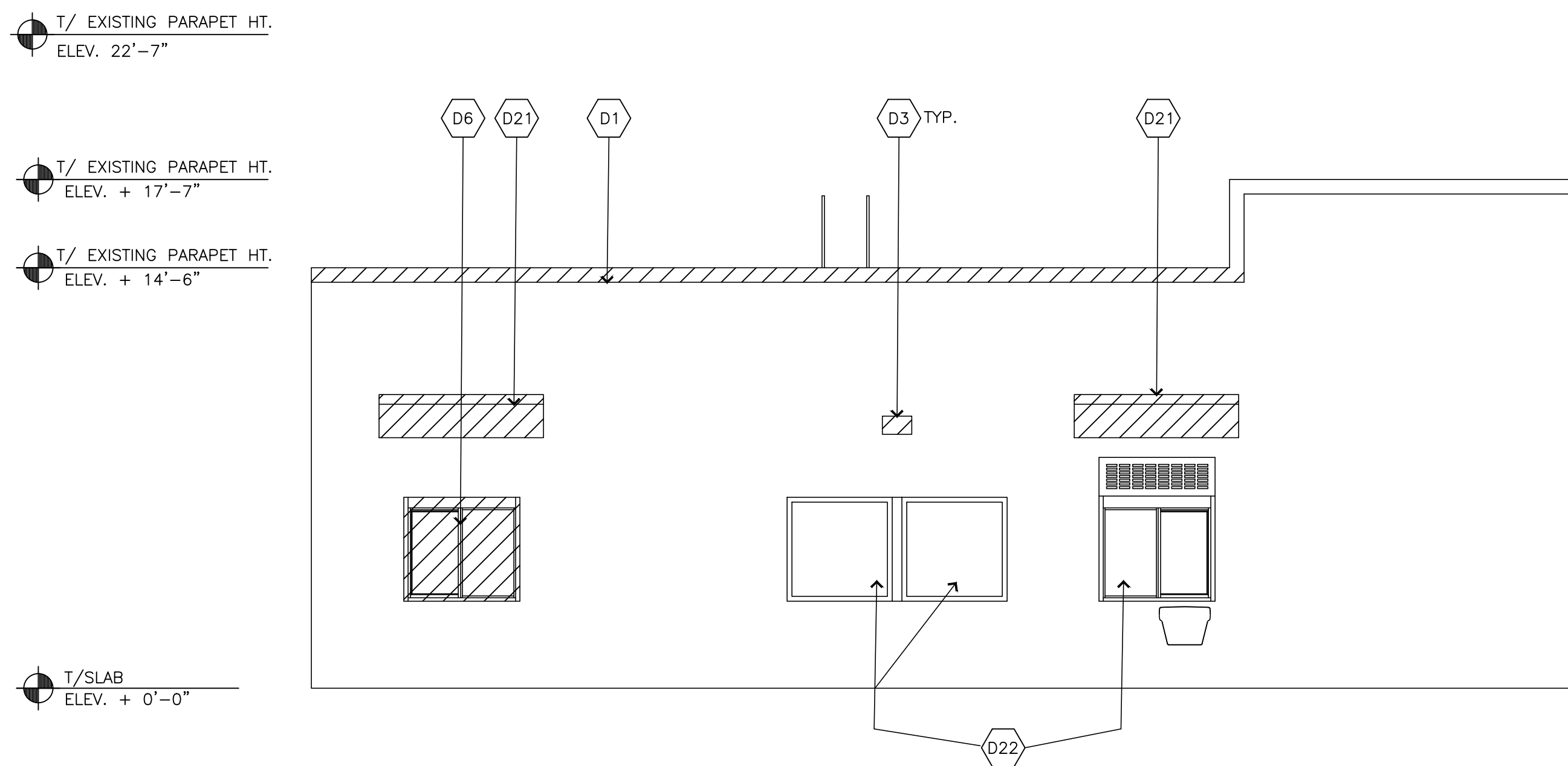


EXISTING PARTITION/ WALL TO REMAIN

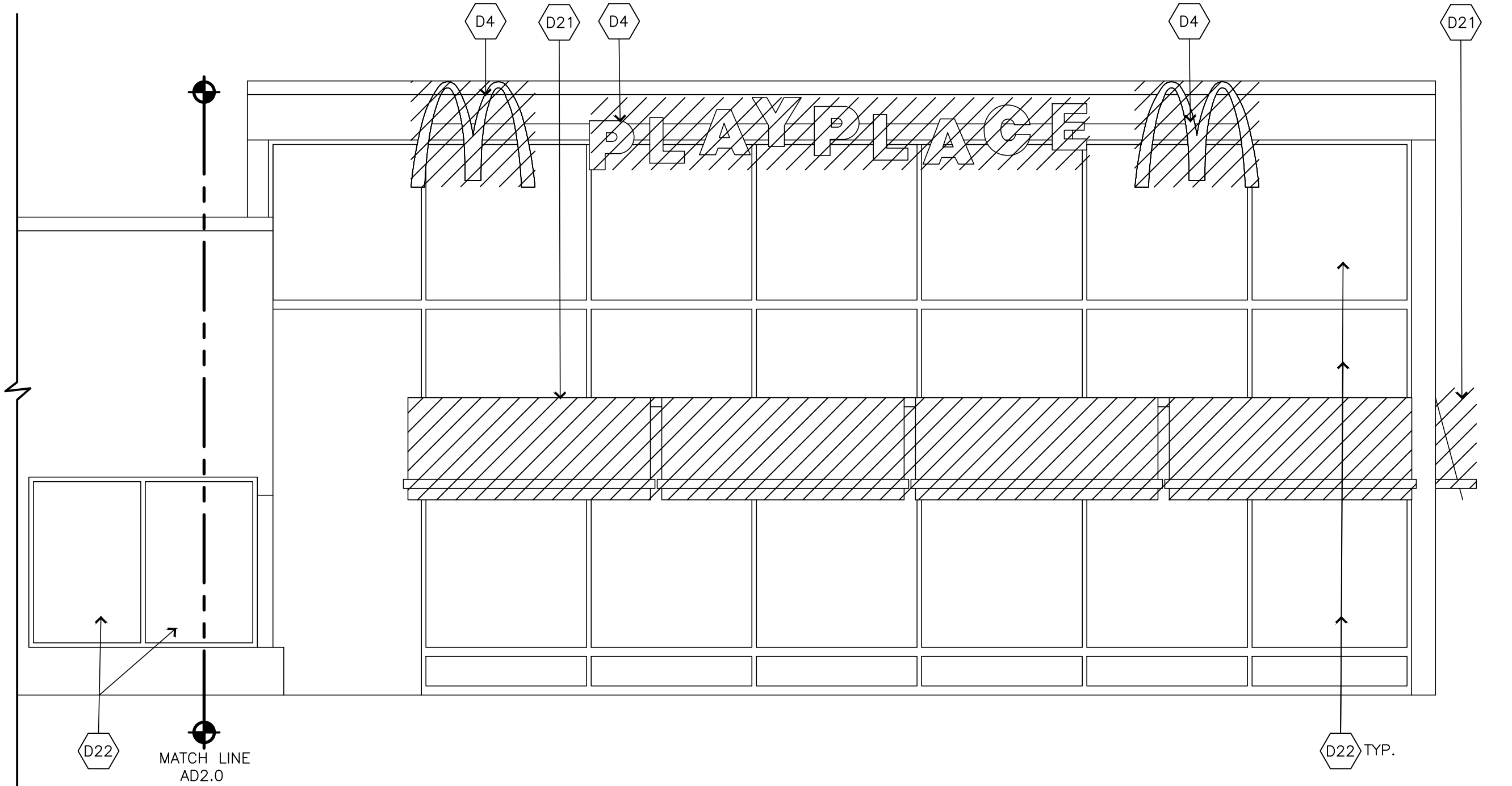
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	DESCRIPTION	STD. ISSUE DATE	REVIEWED BY					REV	DATE	DESCRIPTION
	MRP CORE 16 2.0 EXTERIOR	NOV 2016	AECOM TEAM							
	DEMOLITION - ELEVATION & NOTES	03/23/2018								
	SITE ID	SITE ADDRESS	SALT LAKE CITY, UT 84115							
	043-0116	3890 S. 1100 EAST								
	AD2.0									
	DEM O ELEVATIONS									



1 DEMOLITION: REAR ELEVATION
AD2.1 SCALE: 1/4" = 1'-0"

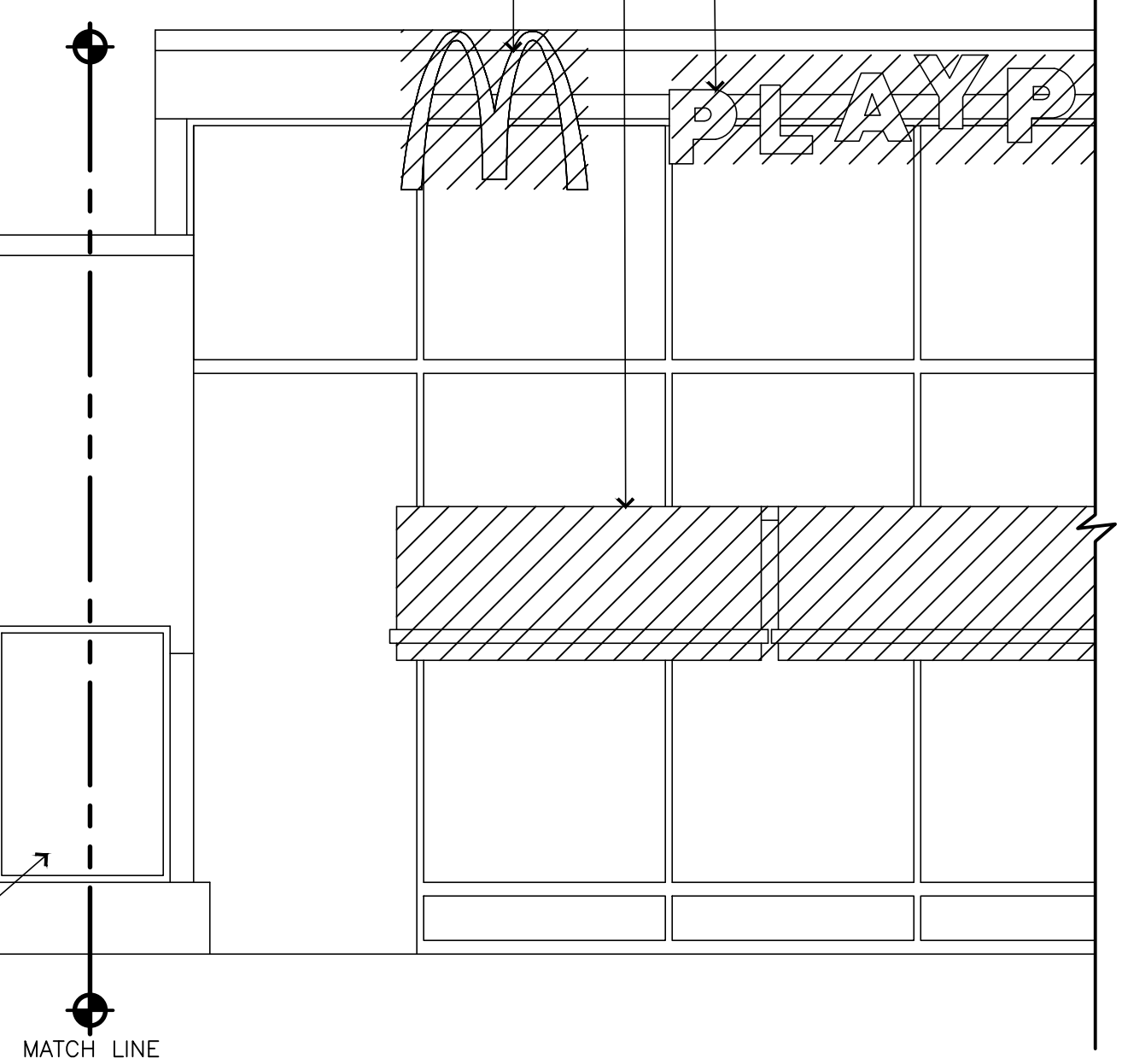


2 DEMOLITION: DRIVE-THRU ELEVATION
AD2.1 SCALE: 1/4" = 1'-0"



3 DEMOLITION: DRIVE-THRU ELEVATION
AD2.1 SCALE: 1/4" = 1'-0"

McDonald's

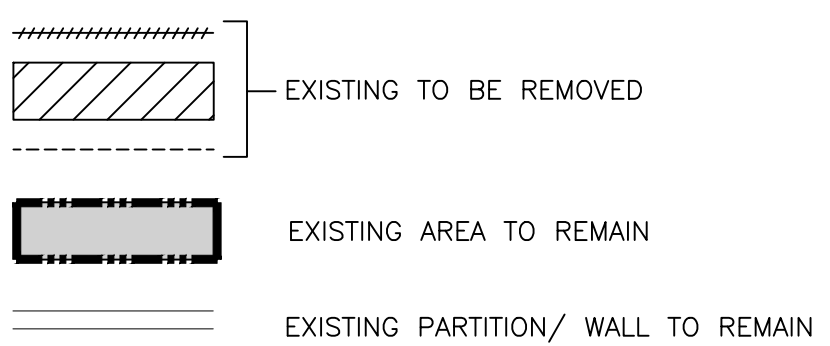


DEMOLITION KEY NOTES:

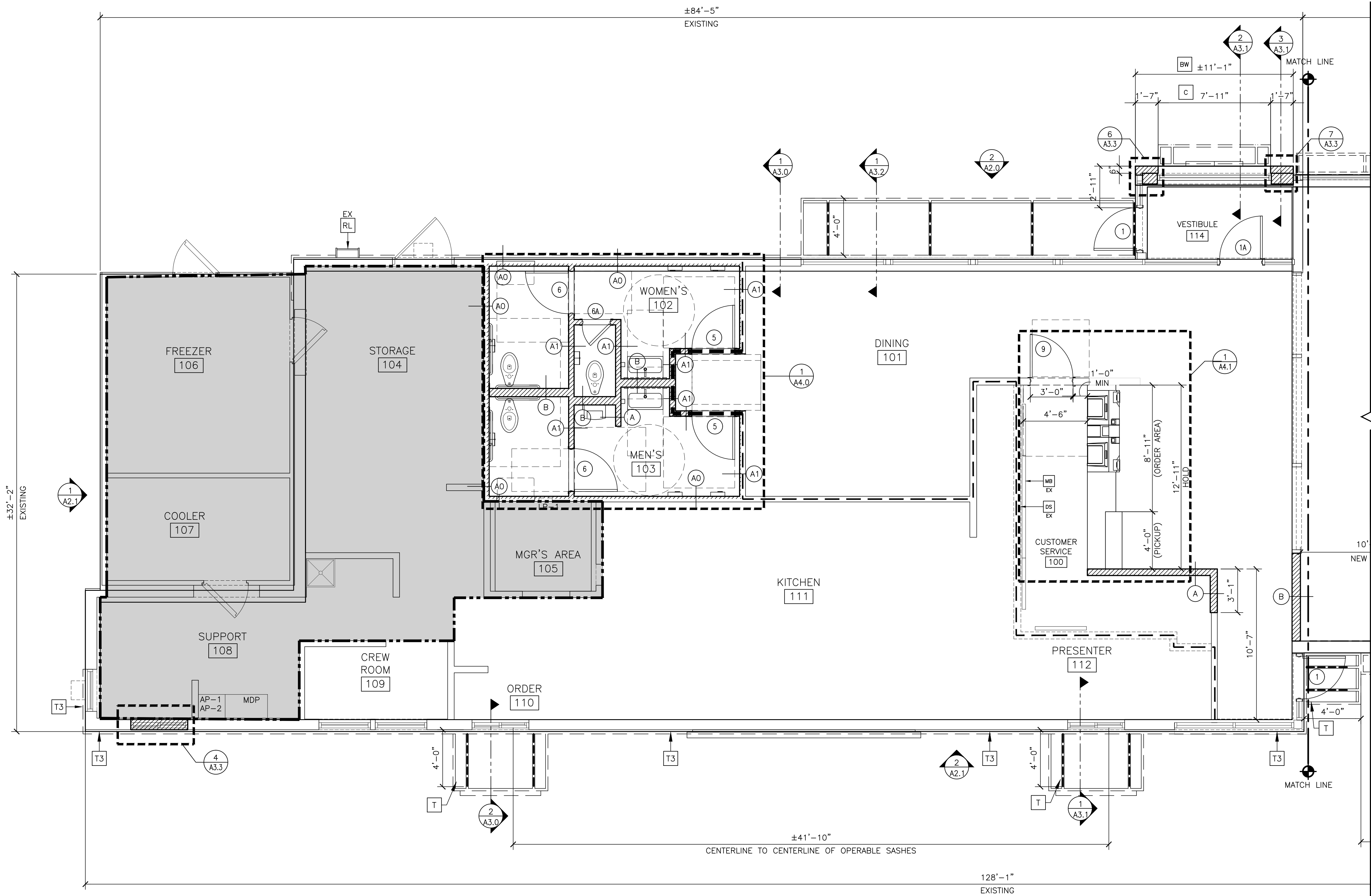
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DEMOLITION LEGEND:



SHEET NO.		043-0116		AD2.1		DEMO ELEVATIONS		DATE:		BY	
TITLE		MRP CORE 16 2.0 EXTERIOR		DESCRIPTION		DEMOLITION — ELEVATION & NOTES		SITE ID		SITE ADDRESS	
DRAWN BY		KP		STD ISSUE DATE		NOV 2016		REVIEWED BY		AECOM TEAM	
DATE ISSUED		03/23/2018		DATE ISSUED		03/23/2018		DATE		REV	
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PREPARED BY:		URS Corporation		architects - engineers - planners		1255 Broad Street, Suite 201		Clifton, NJ 07013-3988		973.883.8668 fax 973.883.8501	
PREPARED BY:		http://www.urscorp.com		http://www.urscorp.com		http://www.urscorp.com		http://www.urscorp.com		http://www.urscorp.com	



1 FLOOR PLAN
A1.0 SCALE: 1/4" = 1'-0"

SYMBOL LEGEND

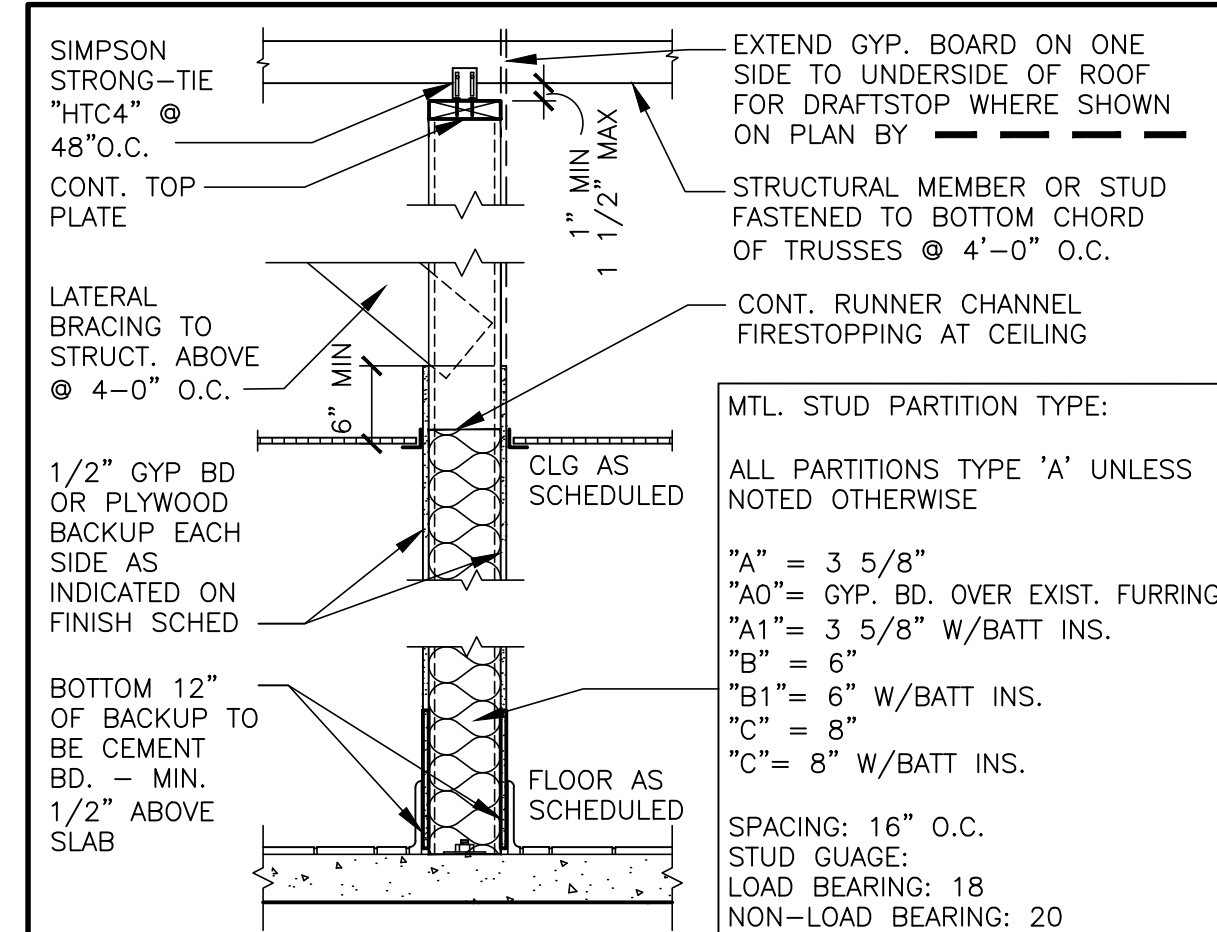
- AREA OF NO WORK
- DRAFT STOPPING - SEE 2/A1.0
- DRAFT STOPPING - EXISTING
- PARTITION TYPE TAG SEE 2/A1.0
- DOOR TAG - SEE DOOR SCHEDULE ON A6.0
- KEY NOTE
- EXISTING PARTITION/ WALL TO REMAIN
- METAL STUD PARTITION - TYPE TAG SEE 2/A1.0

KEY NOTES

- BW BRAND WALL
- C ALUMINUM CANOPY SYSTEM ABOVE - SEE 6/A3.0 FOR NOTES - SEE ROOF PLAN FOR DIMENSIONS
- S NEW SIGNAGE - BY OTHERS - SEE ELEVATIONS
- T NEW TRELLIS SYSTEM ABOVE - SEE 6/A3.0 FOR NOTES - SEE ROOF PLAN FOR DIMENSIONS
- T3 NEW ALUMINUM TRELLIS 2x8 WALL FASCIA BY OTHERS, SEE ELEVATIONS
- DS DROPPED SOFFIT ABOVE - SEE REFLECTED CEILING PLAN
- W1 NEW STOREFRONT SYSTEM - SEE 6/A3.0 FOR NOTES - SEE ELEVATIONS
- MB EX MENU BOARDS (EXISTING)
- RL EX ROOF LADDER (EXISTING)

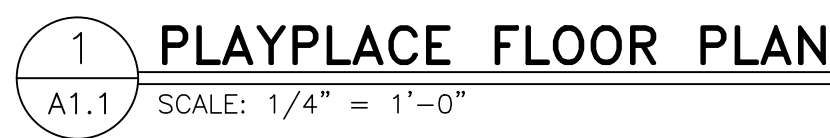
GENERAL NOTES

- EXTERIOR DIMENSIONS ARE TO COLUMN REFERENCE LINES AND EXTERIOR FACE OF FINISH UNLESS OTHERWISE NOTED. INTERIOR DIMENSIONS ARE TO FACE OF INTERIOR WALL BOARD
- SEE A3.0 FOR EXTERIOR WALL ASSEMBLY TYPES. SEE 2/A1.0 FOR INTERIOR PARTITION TYPES. INTERIOR PARTITIONS ARE TYPE 'A' UNLESS NOTED OTHERWISE.
- SEE EXTERIOR ELEVATIONS FOR WINDOW TYPES
- SEE SHEET A4.1 FOR DOOR AND ROOM FINISH SCHEDULES
- SEE SITE PLAN FOR SIDEWALKS, RAMPS, ETC.
- GC TO PROVIDE ADA SIGNAGE PACKAGE AND INSTALL SIGNS AT LOCATIONS AND POSITIONS INDICATED IN PACKAGE OR AS REQUIRED BY STATE CODES. SIGNAGE PACKAGE SUPPLIED BY: FORREST PERMA-SIGN 1-800-214-8765 9292 1ST ST., BOX 588 www.forrestpermasigns.com NEW ROCHELLE, NY 10802 MAXIMUM OCCUPANCY SIGN TO BE POSTED PER STATE CODE. SIGN FURNISHED AND INSTALLED BY GENERAL CONTRACTOR.
- GC TO PROVIDE A.D.A. COMPLIANT ALUMINUM THRESHOLD AT ENTRY DOORS.
- GC TO PROVIDE A.D.A. COMPLIANT KICK PLATE 10" MINIMUM AT A.D.A. ROUT ENTRY DOORS.

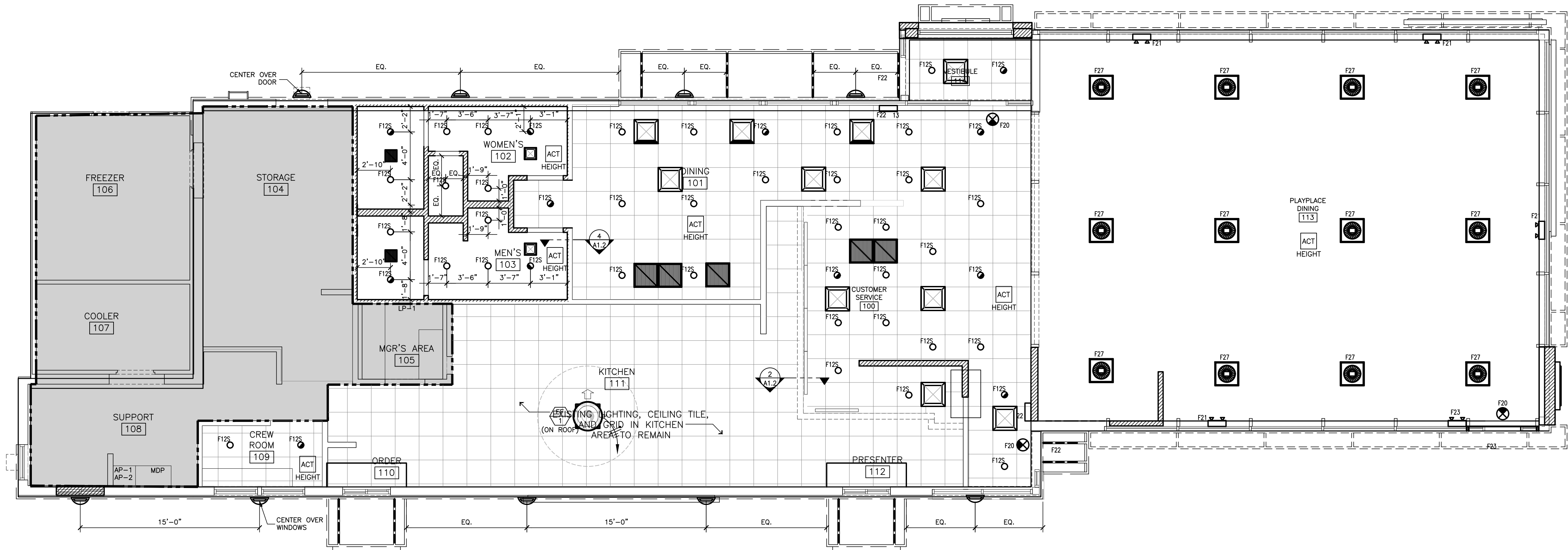


2 INTERIOR PARTITION
A1.0 3/4" = 1'-0"

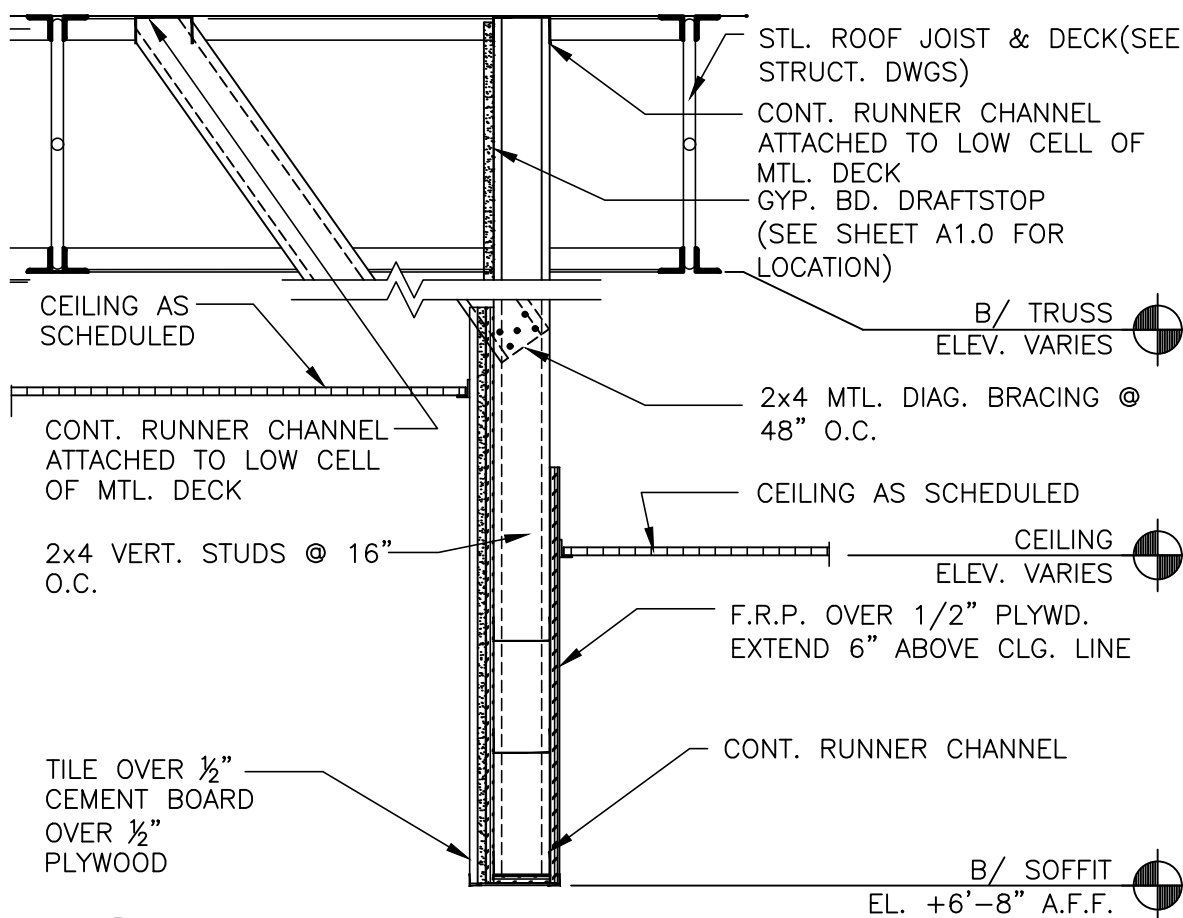
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MRP CORE 16 2.0 EXTERIOR		KP		URS Corporation		NOV 2016		architects - engineers - planners	
FLOOR PLAN		AECOM TEAM		1255 Broad Street, Suite 201		03/23/2018		Clifton, NJ 07013-3988	
A1.0		043-0116		973.883.8668 fax 973.883.8501		043-0116		http://www.urscorp.com	
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A1.1	DESCRIPTION		STD ISSUE DATE	These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without written authorization. The contract documents were prepared under the authority of the contract documents and shall not be used for any other project. The drawings are for reference only and are not to be used for construction. Use of these drawings for reference on another project requires the written approval of the architect. The contract documents for the project are not to be used for any other project. The contract documents for reuse on another project is not authorized.	©2017 McDonald's USA, LLC ©2017 McDonald's USA, LLC	PREPARED BY: URS Corporation architects - engineers - planners 1255 Broad Street, Suite 201 Clifton, NJ 07013-3988 973.883.8668 fax 973.883.8501 http://www.urscorp.com	DATE:	REV	DATE	DESCRIPTION	BY
	043-0116	PLAYPLACE FLOOR PLAN	NOV 2016								
	SITE ADDRESS		REVIEWED BY	ACCOM TEAM	DATE ISSUED						
	SALT LAKE CITY, UT 84115				03/23/2018						

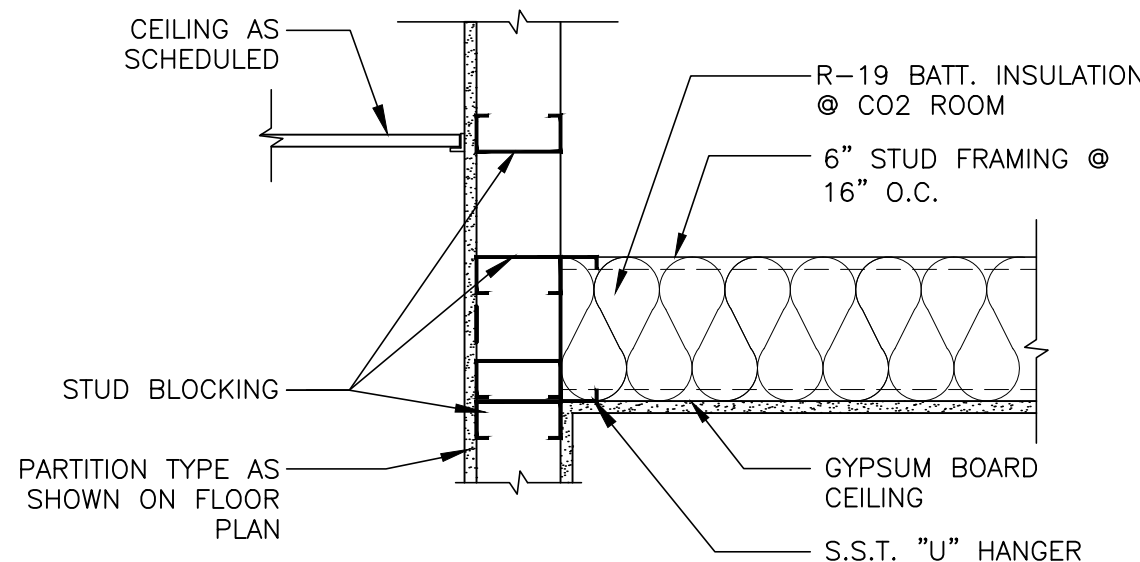


1 REFLECTED CEILING PLAN
A1.2 3/16"=1'-0"



2 VALANCE SECTION
A1.2 1"=1'-0"

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



4 GYP BD CEILING DETAIL
A1.2 1 1/2"=1'-0"

SYMBOL LEGEND

- AREA NOT IN SCOPE
- DRAFT STOPPING - SEE 2/A1.0
- EXIT SIGN - SEE ELECTRICAL DRAWINGS
- DOWN LIGHT - SEE ELECTRICAL DRAWINGS
- EMERGENCY DOWN LIGHT - SEE ELECTRICAL DRAWINGS
- WALL SCONCE - SEE ELECTRICAL DRAWINGS
- EMERGENCY REMOTE HEAD - SEE ELECTRICAL DRAWINGS
- RETURN DIFFUSER - SEE MECHANICAL DRAWINGS
- SUPPLY DIFFUSER - SEE MECHANICAL DRAWINGS
- PLAYPLACE PENDANT LIGHTS - SEE ELECTRICAL DRAWINGS

KEY NOTES

- ACOUSTICAL CEILING TILE - VERIFY FINISHES WITH DECOR COMPANY
- ACOUSTICAL CEILING TILE: VINYL FACED USG 24"x24" PREMIER HI-LITE CLIMAPLUS KAPOK PANELS. UNPERFORATED COLOR: FLAT BLACK 205 GRID: EXISTING TO REMAIN
- ACOUSTICAL CEILING TILE HEIGHT TO MATCH EXISTING
- BRAKE METAL SOFFIT - SEE WALL SECTIONS FOR CONSTRUCTION AND FINISHES
- CANOPY SYSTEM - SEE A3.0 FOR NOTES. SEE ROOF PLAN FOR DIMENSIONS
- SUSPENDED DECORATIVE CEILING TREATMENT - SEE DECOR DRAWINGS FOR ADDITIONAL INFORMATION
- DROPPED SOFFIT
- DIGITAL MENU BOARD WITH BEZELS BY OTHERS UNDER SEPARATE PERMIT - SEE ELEC PLANS
- ROOF LADDER - EXISTING TO REMAIN.
- TRELLIS SYSTEM - SEE 6/A3.0 FOR NOTES. SEE ROOF PLAN FOR DIMENSIONS AND ELEVATIONS FOR COLOR.
- NEW ALUMINUM TRELLIS 2x8 WALL FASCIA BY OTHERS, SEE ELEVATIONS FOR COLOR

GENERAL NOTES

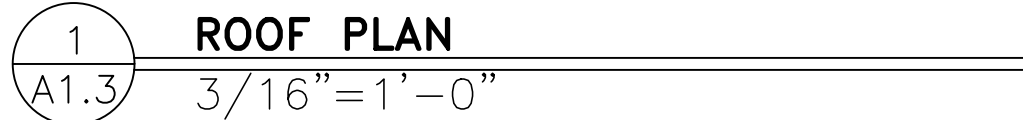
- SEE SHT A4.1 FOR CEILING FINISHES.
- GENERAL CONTRACTOR SHALL COORDINATE HVAC DIFFUSER LOCATION WITH DECOR & MECHANICAL PLANS AND REPORT ANY DISCREPANCIES TO ARCHITECT.
- REFERENCE MECHANICAL AND ELECTRICAL DRAWINGS FOR DIFFUSER AND LIGHTING INFORMATION.
- PROVIDE USG V15 CEILING TILE RETENTION CLIPS IN ALL VESTIBULE AREAS

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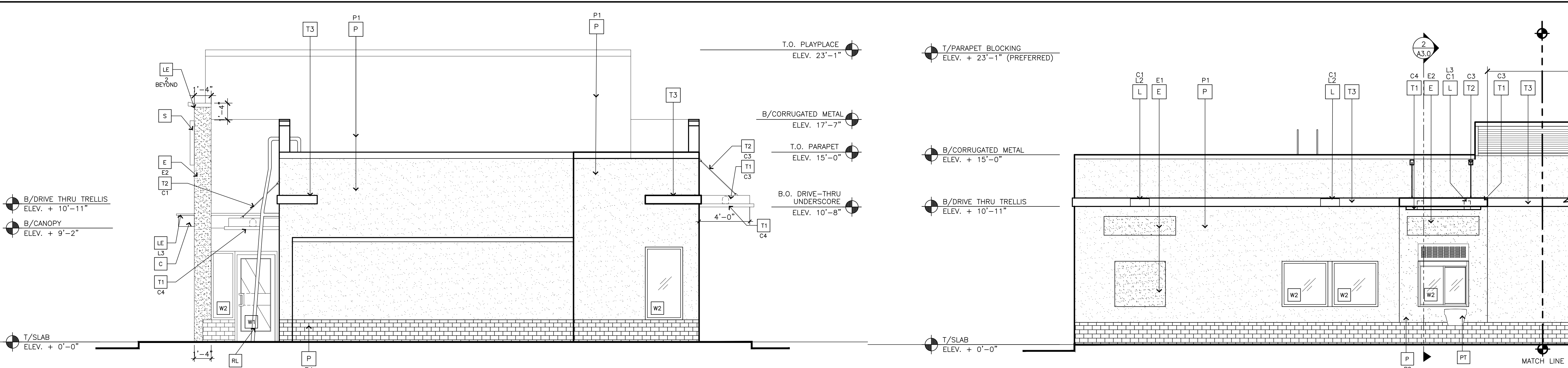
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TITLE	MRP CORE 16 2.0 EXTERIOR	DESCRIPTION	REFLECTED CEILING PLAN	SHEET NO.	043-0116	DATE	04/11/16	BY		

A1.2
FLOOR PLAN

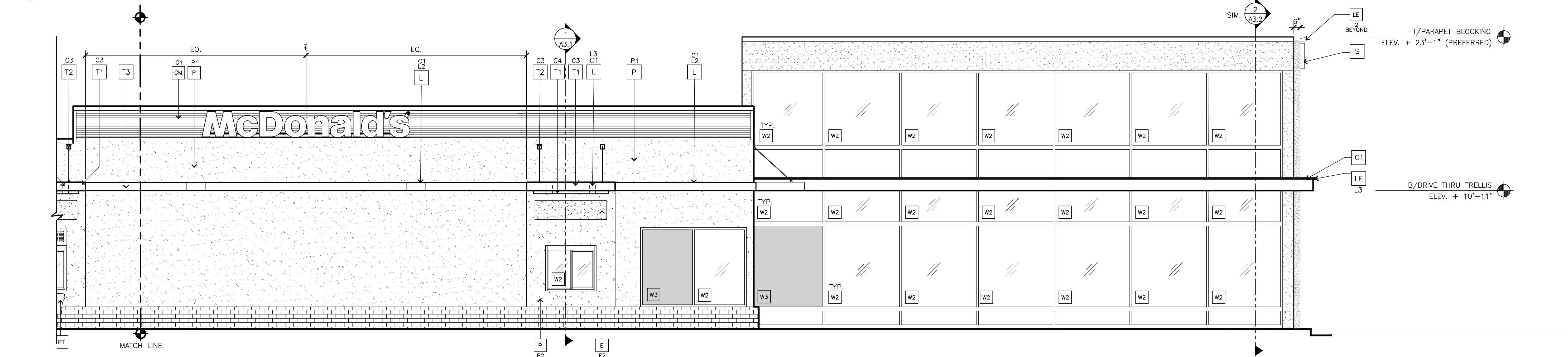


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				 McDonald's USA, LLC		URS Corporation architects - engineers - planners 1255 Broad Street, Suite 201 Clifton, NJ 07013-3988 973.883.8668 fax 973.883.8501 http://www.urscorp.com									
A1.3	MRP CORE 16 2.0 EXTERIOR		STD ISSUE DATE NOV 2016	REVIEWED BY		These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without written authorization. The contract documents were prepared by URS Corporation, Inc. and are the property of URS Corporation, Inc. and are not suitable for use on a different site or at a later time. Use of these drawings for reference or example on another project requires the written approval of URS Corporation, Inc. The contract documents for the contract documents for reuse on another project is not authorized.									
				AECOM TEAM											
				DATE ISSUED											
				03/23/2018											
043-0116	FLOOR PLAN		SITE ID	SITE ADDRESS											
				3890 S. 11000 EAST											
				SALT LAKE CITY, UT 84115											



1 REAR ELEVATION
A2.1 SCALE: 1/4" = 1'-0"

2 PLAY PLACE DRIVE-THRU ELEVATION
A2.0 SCALE: 1/4" = 1'-0"



3 DRIVE-THRU ELEVATION
A2.1 SCALE: 1/4" = 1'-0"

KEY NOTES:

BW BRAND WALL	LE ACCENT LIGHTING - SEE ELECTRICAL
C1 ALUMINUM CANOPY FASCIA SYSTEM COLOR: WHITE	XX LED LIGHT: L2 = DOWN ONLY FIXTURE L3 = INTEGRAL CANOPY FIXTURE
C2 ALUMINUM CANOPY TIE-BACK SYSTEM COLOR: WHITE	D EXISTING HOLLOW METAL DOOR - PAINT TO MATCH BASE BUILDING COLOR
CM CORRUGATED METAL PANEL - SEE ASSEMBLY NOTES ON A3.0 FOR ADDITIONAL SPECIFICATIONS COLOR: C1 = "CITYSCAPE"	LV METAL LOUVER PANEL BY TRELLIS VENDOR COLOR: CITYSCAPE
E EIFS EXTERIOR FINISH COLOR: SEE COLOR LEGEND E1 = BASE BUILDING E2 = ACCENT PLAY PLACE E3 = ACCENT-ABV.DRIVE THRU	ML METAL LETTERING - BY OTHERS (COLOR: SILVER)
CJ CONTROL JOINT, SEE DETAIL	MF METAL FASCIA - COLOR TO MATCH CORRUGATED METAL PANEL 1 - TYPE: 1 = PRE-FAB ANCHOR-TITE FASCIA 2 = PRE-FAB CUSTOM ARCADE FASCIA
L LIGHT FIXTURE - SEE ELECTRICAL - TYPE: L2 = DOWN ONLY SCONCE L3 = RECESSED DOWN FIXTURE COLOR: C1 = SILVER C2 = WHITE	P PAINT FINISH P1 - TYPE: (COLOR-SEE COLOR LEGEND) P1 = PAINTED COLOR BASE BUILDING P2 = PAINTED COLOR ACCENT
XX L2 = DOWN ONLY SCONCE L3 = RECESSED DOWN FIXTURE COLOR: C1 = SILVER C2 = WHITE	PT (RMHC) COIN COLLECTOR UNIT ##WPT DT2000 STD CALL 1-888-743-7435 TO ORDER

KEY NOTES:

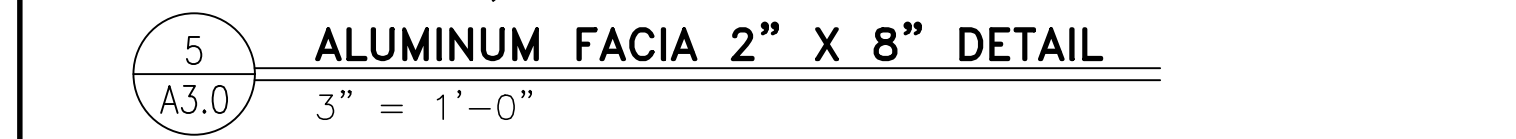
RL ROOF LADDER (EXISTING); PAINT TO MATCH BASE BUILDING COLOR	W1 NEW EXTERIOR WINDOW ASSEMBLY - TEMPERED GLASS -SEE ASSEMBLY NOTES
S McDONALD'S SIGNAGE BY OTHERS - UNDER SEPARATE PERMIT.	W2 EXISTING WINDOW SYSTEM TO REMAIN. PROTECT DURING CONSTRUCTION.
SF EXISTING STOREFRONT AND GLAZING TO REMAIN	W3 APPLY SPANDREL FILM AT THE EXISTING GLAZING - BY "SMARTFILMS" OR APPROVED EQUAL FILM. FINISH TO BE SELECTED BY ACM.
T1 ALUMINUM TRELLIS SYSTEM XX - COLOR: C1 = CITYSCAPE C2 = WHITE C3 = CHARCOAL C4 = GOLD	
T2 ALUMINUM TRELLIS TIE-BACK SYSTEM XX - COLOR: C1 = CITYSCAPE C2 = WHITE C3 = CHARCOAL	
T3 ALUMINUM TRELLIS 2" x 8" WALL FASCIA SYSTEM COLOR: CITYSCAPE	

COLOR LEGEND (ALL COLORS ARE PER BENJAMIN MOORE PAINTS, U.N.O.)		
BRAND WALLS	IRON MOUNTAIN BM# 2134-30	
BASE BUILDING	FAIRVIEW TAUPE BM# HC-85	
ACCENT-DRIVE THRU	IRON MOUNTAIN BM# 2134-30	
ACCENT ABV.PLAYPLACE	WAYNESBORO TAUPE 1544	
NOTE: SHADED REGIONS DENOTE LOCATIONS WHERE NEW E.I.F.S. IS TO BE APPLIED DUE TO THE REMOVAL OF OLD OBJECTS ON THE EXISTING BUILDING'S FACADE. COORDINATE WITH EXTERIOR WALL ASSEMBLY TYPES ON SHEET A3.0.		

BUILDING SIGNAGE SCHEDULE

FACADE	SIGN ELEMENT	S.F.
FRONT	① McDONALD'S "M" ARCH LOGO (3'-6"H X 4'-0"W)	14
	② McDONALD'S LOGO (2'-0"H X 16'-5"W)	33
	TOTAL:	47
NON-DRIVE THRU SIDE	① McDONALD'S "M" ARCH LOGO (3'-6"H X 4'-0"W)	14
	McDONALD'S PLAYPLACE LOGO (2'-5"H X 12'-0"W)	21.93
	TOTAL:	35.93
DRIVE THRU SIDE	① McDONALD'S LOGO (2'-0"H X 16'-5"W)	33
	TOTAL:	33
TOTAL BUILDING SIGNAGE		115.93

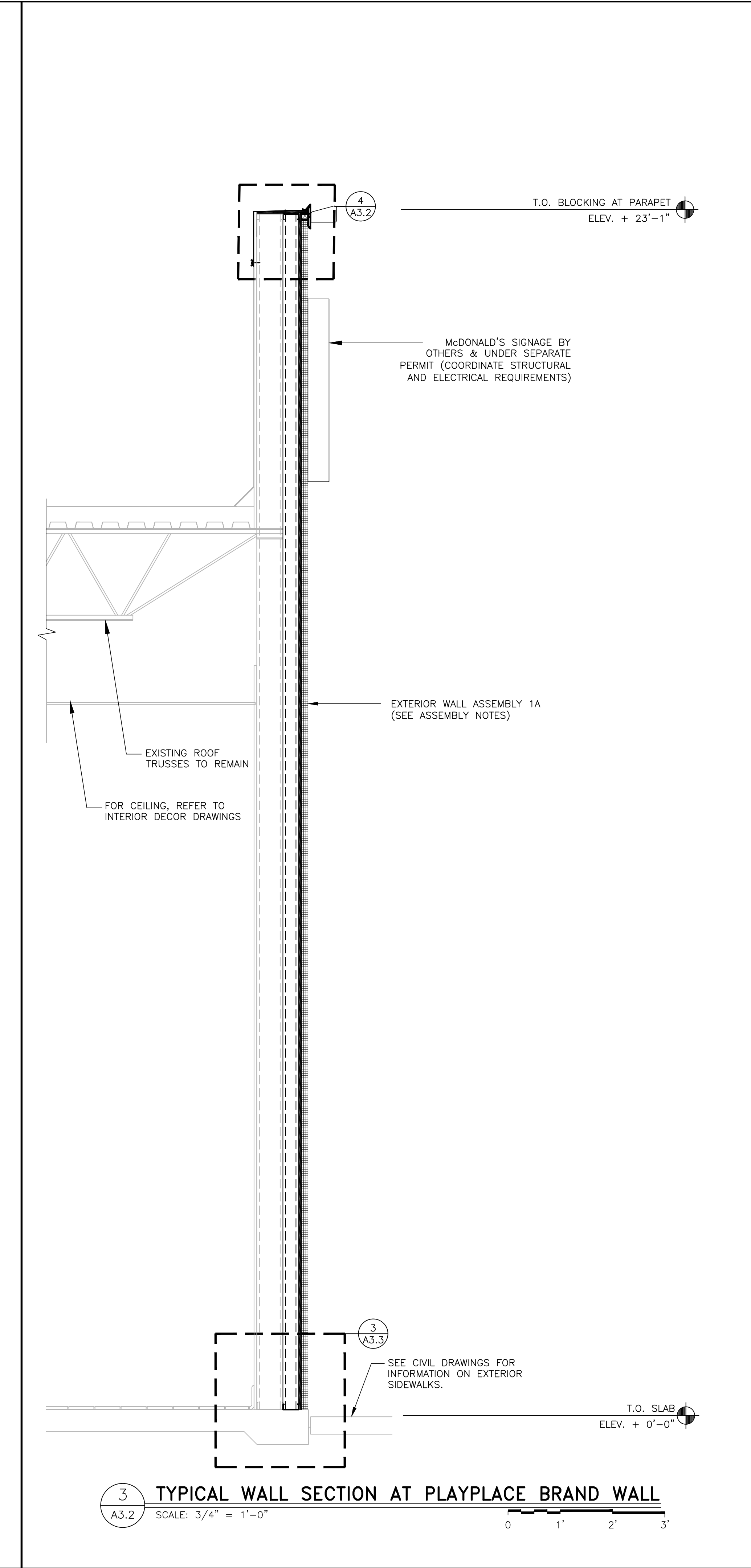
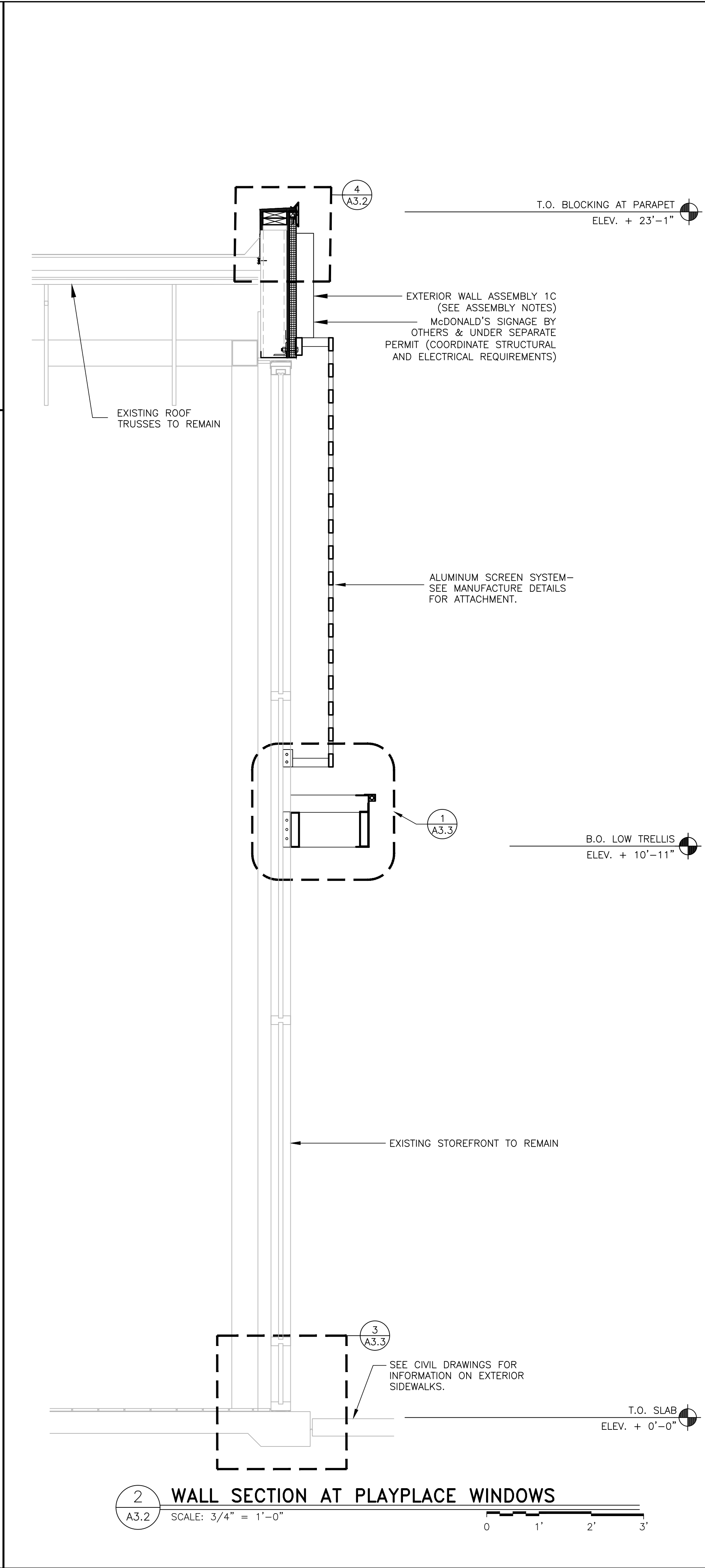
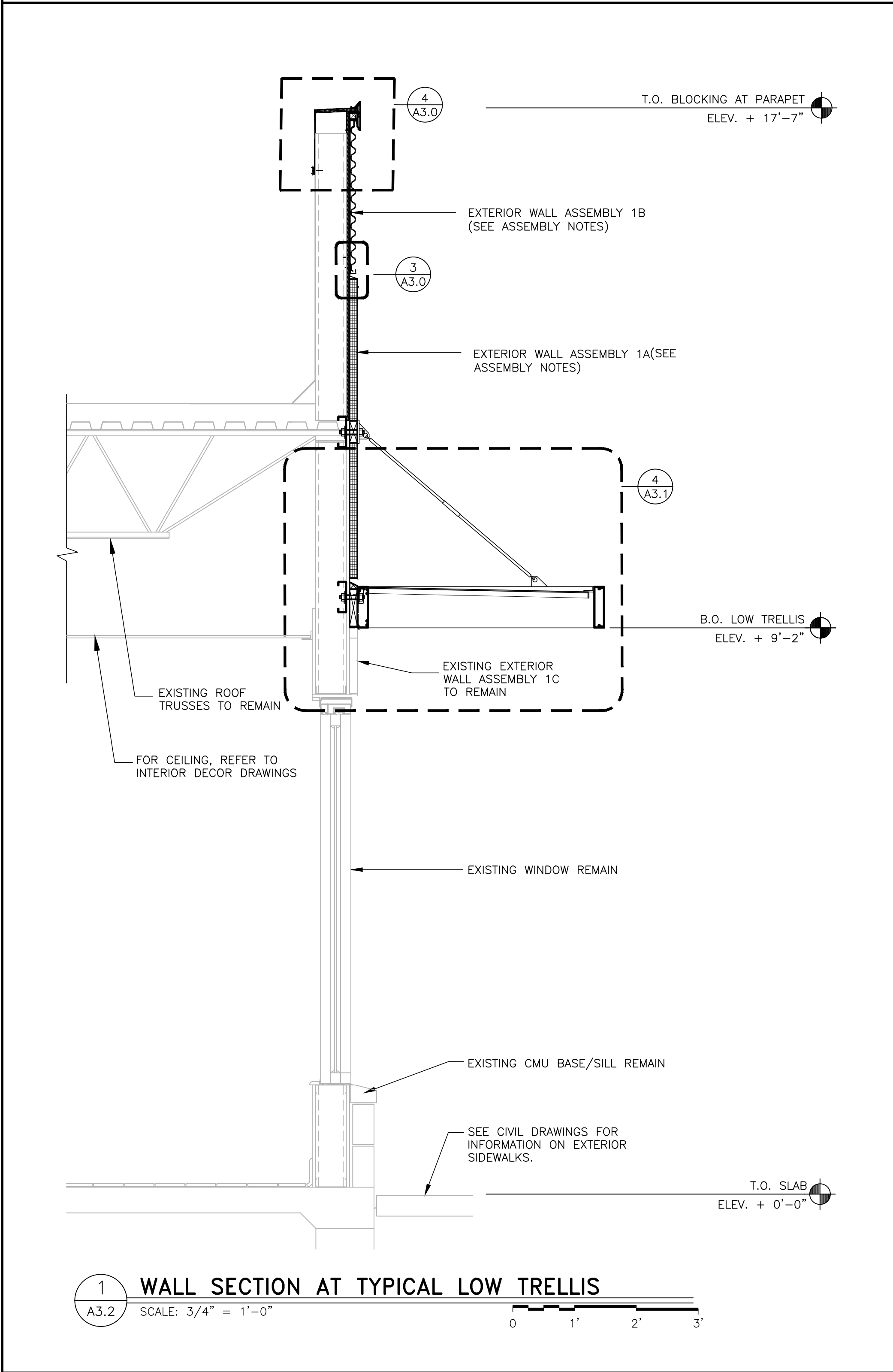
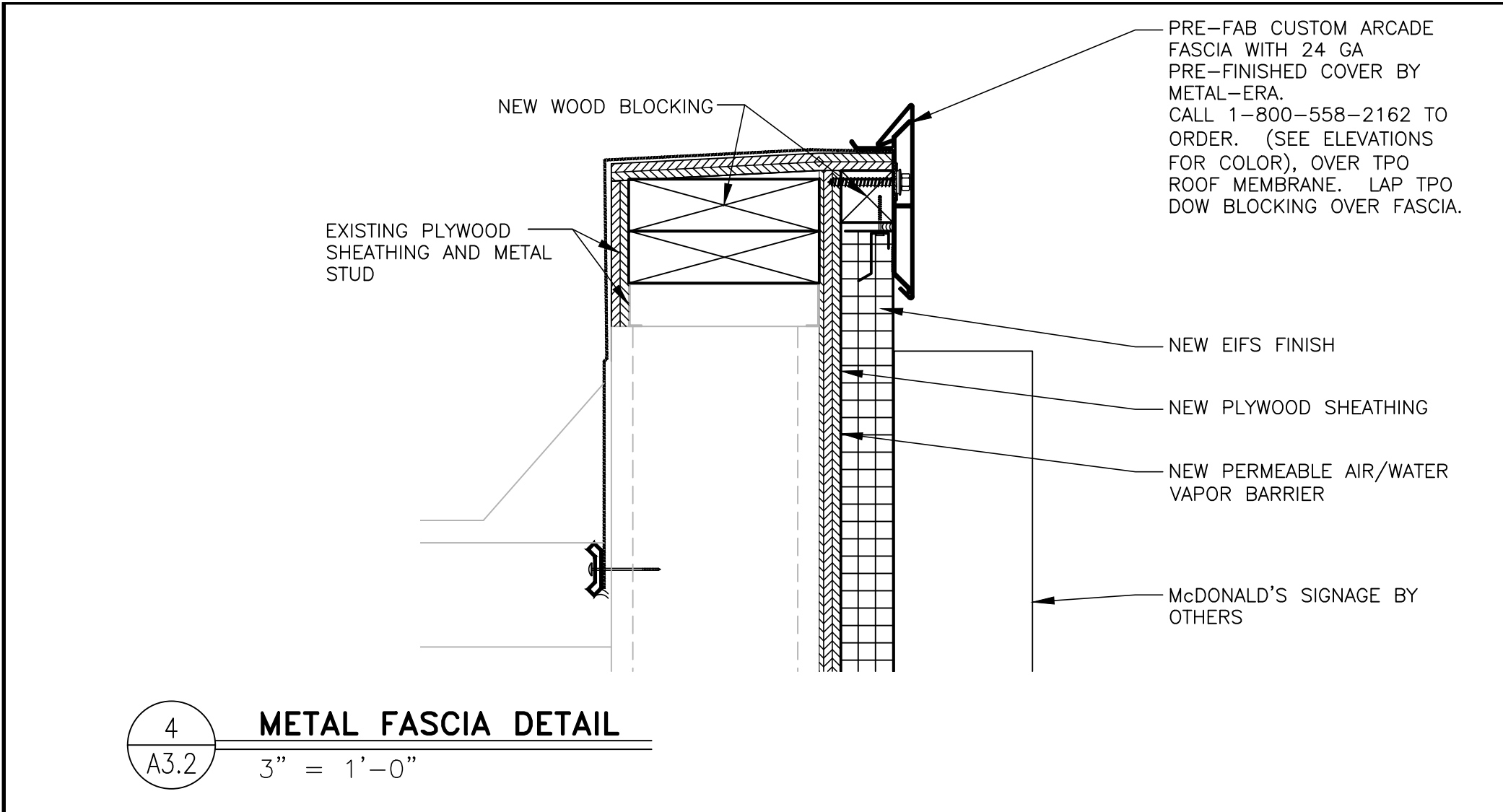
SHEET NO.	TITLE	DESCRIPTION	DRAWN BY KP	STD ISSUE DATE NOV 2016	REVIEWED BY ACCOM TEAM	DATE ISSUED 03/23/2018	PREPARED FOR:  McDonald's USA, LLC			PREPARED BY:  URS Corporation			DATE:	REV	DATE	BY
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							Clifton, NJ 07013-3988			973.883.8668 fax 973.883.8501						
							http://www.urscorp.com									
A2.1	MRP CORE 16 2.0 EXTERIOR	ELEVATIONS	043-0116	043-0116	SALT LAKE CITY, UT 84115											



1. DRAINAGE E.I.F.S. SYSTEM (NOT BARRIER) CONSISTING OF FINISH AND BASE COAT IMBEDDED WITH OPEN WEAVE HIGH IMPACT FIBER REINFORCING MESH OVER STANDARD MESH AND CORNER MESH REINFORCING OVER 1" INSULATION, MECHANICAL FASTENED OVER DRAINAGE MAT AND PERMEABLE AIR/WATER VAPOR BARRIER. PROVIDE CORRUGATED PLASTIC DRAINAGE STRIP AT BOTTOM OF THE PANEL WITH PVC J CHANNELS AND WEEP HOLES PER LOCAL CODES AND MANUFACTURERS SPECIFICATIONS.
2. 1/2" EXTERIOR PLYWOOD SHEATHING.
3. EXISTING STL. STUD FRAMING TO REMAIN.



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	MRP CORE 16 2.0 EXTERIOR	STD ISSUE DATE NOV 2016	 URS Corporation architects - engineers - planners 1255 Broad Street, Suite 201 Clifton, NJ 07013-3988 973.883.8668 fax 973.883.8501 http://www.urscorp.com	
A3.0 SECTIONS	DESCRIPTION	ACCOM TEAM	These drawings and specifications are the confidential and proprietary information of URS Corporation and are not to be reproduced without written authorization. The contract documents were prepared for use on this specific site in conjunction with its issue date and are these drawings for reference or example on another project requires the services of a properly licensed architect or engineer. Reproduction of the contract documents for reuse on another project is not authorized.	
	WALL SECTIONS & DETAILS	DATE ISSUED 03/23/2018	DATE:	
	SITE ID 043-0116	SITE ADDRESS 3980 S. 1100 EAST	REV	DATE
		SALT LAKE CITY, UT 84115	DESCRIPTION	BY



SHEET NO.	TITLE	DRAWN BY KP	STD NOV 2016	REVIEWED BY AECOM TEAM	DATE ISSUED 03/23/2018	043-0116	3890 S. 1100 EAST	SALT LAKE CITY, UT 84115	PREPARED FOR:			PREPARED BY:			DATE:	REV	DATE	DESCRIPTION	BY
									McDonald's USA, LLC			URS Corporation							
A3.2	MRP CORE 16 2.0 EXTERIOR	KP	NOV 2016	AECOM TEAM	03/23/2018	043-0116	3890 S. 1100 EAST	SALT LAKE CITY, UT 84115	©2017 McDonald's USA, LLC			architects - engineers - planners			REV	DATE	DESCRIPTION	BY	
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SECTIONS																			



NOTES:

- 1) SEE 4/A4.0 FOR ACCESSORY MOUNTING HEIGHTS
- 2) SELECT ONE ITEM FROM ITEM GROUPS 4 & 6, VERIFY WITH AREA CONSTRUCTION MANAGER.
- 3) CUT BACK-UP SUPPORTS BETWEEN STUDS SO FACE OF SUPPORT IS FLUSH W/WALL STUD

[illegible]

Floor plan diagram of a service area. A curved wall is shown with a radius dimension of 3'-0". A clearance dimension of 1'-0" MIN is indicated. The area is labeled "CUSTOMER SERVICE" and "100".

4'-6"

8'-11"

ORDER AREA

12'-11" HOLD

MODULAR FRONT COUNTER FURNISHED & INSTALLED BY ISI.

3
A4.1

4'-0 1/2" PICK-UP

4
A4.1

2
A4.1

ENLARGED COUNTERTOP

1/2" = 1'-0"

[illegible]

STRUCTURAL GENERAL NOTES

1. BUILDING CODES

- A. THESE GENERAL NOTES APPLY TO ALL STRUCTURAL DRAWINGS. THIS PROJECT IS DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE (IBC), 2015 EDITION, THE "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" (ASCE 7-10).
- B. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE CODES SPECIFIED ABOVE.
2. DESIGN LOADS:
- A. LIVE LOAD REDUCTIONS SHALL BE COMPUTED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. ROOF LIVE LOADS ARE NON-REDUCIBLE.
- B. ROOF SNOW LOAD
- GROUND SNOW LOAD (P_g) 43 PSF
- FLAT-ROOF SNOW LOAD (P_f) 30 PSF
- (AND/OR DRIFT PROVISIONS ASCE 7-10, SECTION)
- SNOW LOAD EXPOSURE FACTOR (C_e) 1.0
- SNOW LOAD IMPORTANCE FACTOR (I_s) 1.0
- SNOW LOAD THERMAL FACTOR (C_t) 1.0
- C. ROOF LIVE LOAD: 20 PSF
- D. ROOF DEAD LOAD: 20 PSF
- E. WIND LOAD: BASIC WIND SPEED (V_{ult}) 115 MPH(3-SEC GUST)
- WIND EXPOSURE CATEGORY B
- IBC RISK CATEGORY
- INTERNAL PRESSURE COEFFICIENT, GCPI ± 0.18 PSF
- F. SEISMIC LOAD:
- SOIL SITE CLASS D (ASSUMED)
- SPECTRAL RESPONSE COEFFICIENTS:
- SHORT PERIOD (S_s) 1.461g
- 1 SECOND PERIOD (S_1) 0.535g
- DESIGN SPECTRAL RESPONSE ACCELERATION:
- SHORT PERIOD (S_{ps}) 0.974g
- 1 SECOND PERIOD (S_{p1}) 0.535g
- SEISMIC IMPORTANCE FACTOR (I_e) 1.0
- SEISMIC DESIGN CATEGORY D
- SEISMIC FORCE RESISTING SYSTEM EXISTING STEEL BRACED FRAME

2. EXISTING CONDITIONS

- A. ALL EXISTING STRUCTURAL ELEMENTS (SLABS, BEAMS, WALLS, COLUMNS, FOUNDATIONS...) SHALL REMAIN INTACT UNLESS SPECIFICALLY NOTED TO BE REMOVED BY THE MOST RECENT DEMOLITION DOCUMENTS OR OTHERWISE NOTED ON THE STRUCTURAL DRAWINGS.
- B. INFORMATION PROVIDED ON THESE DRAWINGS RELATED TO EXISTING CONDITIONS IS BASED ON AVAILABLE REFERENCE DOCUMENTS. THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY DISCREPANCY FROM THE ARCHITECT AND/OR URS CORPORATION IF ANY DISCREPANCY BETWEEN THE CONTRACT DOCUMENTS AND THE EXISTING CONDITIONS IS DISCOVERED. THESE CONSTRUCTION DOCUMENTS WERE PREPARED WITH INFORMATION ABOUT THE EXISTING BUILDING PROVIDED BY OTHERS. NO STRUCTURAL INVESTIGATION OF THE EXISTING BUILDING WAS UNDERTAKEN. IF THE CONTRACTOR DISCOVERS EXISTING CONDITIONS WHICH VARY FROM THOSE SHOWN ON THESE DOCUMENTS, HE SHALL NOTIFY URS CORPORATION IMMEDIATELY FOR THE NECESSARY CHANGES.
- C. THIS PROJECT REQUIRES DRILLING INTO THE EXISTING REINFORCED CONCRETE STRUCTURE. THE CONTRACTOR WILL NOT RECEIVE ADDITIONAL PAYMENT FOR DIFFICULTIES ENCOUNTERED IN DRILLING DUE TO HARDNESS OF MATERIALS, HITTING OF EXISTING REINFORCING, ETC... ALL COSTS ASSOCIATED WITH RE-DRILLING OF HOLES DUE TO HITTING EXISTING REINFORCING STEEL SHALL BE BORNE BY THE CONTRACTOR. THIS INCLUDES FILLING UNNECESSARY AND UNUSED HOLES WITH EPOXY GROUT. DO NOT USE REINFORCING STEEL DURING CONCRETE DRILL OR CORING OPERATIONS. LOCATE REINFORCING WITH A PACHOMETER OR OTHER NON-DESTRUCTIVE TESTING DEVICE PRIOR TO DRILLING AND CORING OPERATIONS.
- D. EXISTING CONCRETE SURFACE PREPARATION: INTENTIONALLY ROUGHEN EXISTING CONCRETE SURFACES WHERE NEW CONCRETE IS BEING PLACED AGAINST THE EXISTING CONCRETE AND CONNECTED BY DRILLING AND EPOXY GROUTING. THE ENTIRE EXPOSED CONCRETE SURFACE WHERE THE EXISTING CONCRETE JOINTS THE NEW SHALL BE COATED WITH AN EPOXY BONDING AGENT. ALLOW ALL ADDITIONAL REQUIREMENTS OF SURFACE PREPARATION AS REQUIRED BY THE BONDING AGENT MANUFACTURER.
- E. THE CONTRACTOR SHALL SUPPORT, BRACE AND SECURE EXISTING STRUCTURES AS REQUIRED. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY OF EXISTING STRUCTURES DURING CONSTRUCTION. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS WHICH AFFECT THE NEW CONSTRUCTION PRIOR TO FINAL INSTALLATION AND VERIFICATION OF THE SURFACE LEVEL.
- F. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND FINAL CLEARANCE OF ANY REQUIRED NEEDLING, UNDERPINNING, SHORING OR BRACING OF EXISTING STRUCTURES.

3. STRUCTURAL STEEL

- A. STRUCTURAL STEEL, INCLUDING CAST IN ANGLES, PLATES OR OTHER SECTIONS SHALL BE DETAILLED AND ERRECTED IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) SPECIFICATIONS AND CODE OF STANDARD PRACTICE, LATEST EDITION. WELDED CONNECTIONS SHALL CONFORM TO THE LATEST REVISED CODE OF THE AMERICAN WELDING SOCIETY, AWS D1.1, LATEST EDITION.
- B. STRUCTURAL STEEL:
- ASTM A992 (Fy=50 KSI) — ROLLED STEEL SHAPES, WIDE FLANGE, UNLESS NOTED ON THE DRAWINGS.
 - ASTM A36 (Fy=36 KSI) — ROLLED STEEL PLATES, ANGLES, BARS, RODS AND CHANNELS AS NOTED ON THE DRAWINGS.
 - ASTM A500 (Fy=46 KSI) — HSS SHAPES
 - ADHESIVE ANCHORS — SIMPSON SET XP ADHESIVE ANCHORING SYSTEM OR APPROVED EQUAL.
- C. COLUMN BASE PLATES SHALL BE SET ON 1/2" NON-SHRINK GROUT WITH A MINIMUM OF (4) 3/4" DIAMETER X 16" ANCHOR BOLTS, UNLESS NOTED OTHERWISE.
- D. SHOP CONNECTIONS SHALL BE WELDED WITH E70XX ELECTRODES AND GROUND SMOOTH WHERE EXPOSED. FIELD CONNECTIONS SHALL BE MADE WITH BOLTS CONFORMING TO ASTM A325N UNLESS OTHERWISE NOTED. FIELD WELDS SHALL BE MADE WITH E70XX ELECTRODES. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS "STRUCTURAL WELDING CODE", LATEST EDITION AND PERFORMED BY CERTIFIED, LICENSED WELDERS.
- E. WELDING ELECTRODES SHALL BE E70 XX (LOW HYDROGEN) OR BETTER. FOR WELDING SYMBOLS WITH NO LENGTH DIMENSION GIVEN, THE WELDING SHALL BE CONTINUOUS BETWEEN ABRUPT CHANGES IN DIRECTION. WELDS NOT OTHERWISE NOTED SHALL BE 1/4" IN SIZE.
- F. ALL BEAM CONNECTIONS NOT DETAILED ON THE DRAWINGS SHALL BE STANDARD FRAMED BEAM CONNECTIONS AS SHOWN IN TABLE II AND III OF THE AISC "MANUAL OF STEEL CONSTRUCTION", LATEST EDITION, DESIGNED TO CARRY THE FULL CAPACITY OF THE UNIFORMLY LOADED MEMBER, UNLESS NOTED OTHERWISE.
- G. BOLTS AND BOLTED CONNECTIONS SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS" AS APPROVED BY THE COUNCIL ON RIVETED AND BOLTED JOINTS. USE BEARING-TYPE BOLTS WITH THREADS ALLOWED IN THE SHEAR PLANE. ANCHOR BOLTS SHALL CONFORM TO ASTM F-1554 AS SPECIFIED ON THE DRAWINGS. ALL BOLTS SHALL BE TIGHTENED TO A "SNUG-TIGHT" CONDITION, UNLESS NOTED OTHERWISE. BOLTED CONNECTIONS FOR BOLTED MOMENT CONNECTIONS, BRACING DETAILS AND COLUMN SPLICES SHALL BE CONSIDERED "SLIP-CRITICAL", WITH THE BOLTS FULLY PRE-TENSIONED.
- H. ALL EXPOSED STEEL TO BE GALVANIZED.
- I. FIELD QUALITY CONTROL: INSPECT IN ACCORDANCE WITH AISC SPECIFICATIONS. MATERIALS ENGINEER SHALL BE AWS CERTIFIED AND SHALL VISUALLY INSPECT ALL FIELD WELDED CONNECTIONS (100%) AND VISUALLY INSPECT ALL BOLTED CONNECTIONS (100%) TO ASCERTAIN THAT ALL WELDS, BOLTS, NUTS AND RIVETS WERE PROPERLY INSTALLED AND ARE OF PROPER TYPE, AND THAT ALL FACING SURFACES HAVE BEEN BROUGHT INTO SNUG CONTACT. MATERIALS ENGINEER SHALL INSPECT 10% OF THE BOLTS (MINIMUM OF 2) IN EACH HIGH STRENGTH BOLTED AND SLIP CRITICAL (SC) CONNECTIONS. PROVIDE 10% MAGNETIC PARTICLE TESTING OF ALL PENETRATION WELDS AND MOMENT FRAME CONNECTIONS.

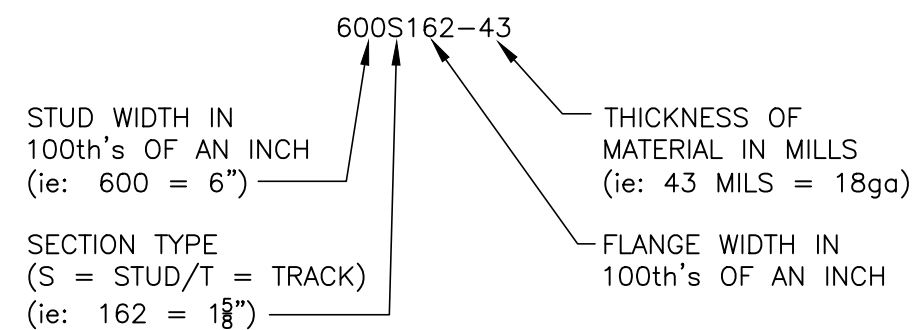
4. COLD-FORMED LIGHT GAGE STEEL:

- A. FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH THE "LIGHT GAGE COLD FORMED STEEL DESIGN MANUAL" LATEST EDITION AND THE AISI SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, LATEST EDITION.
- B. LIGHT GAGE FRAMING SHALL BE 600S162-.54 STUDS AND JOISTS, UNLESS NOTED OTHERWISE, FORMED FROM STEEL THAT CORRESPONDS TO THE REQUIREMENTS OF ASTM A611, GRADE-C MINIMUM YIELD OF 50,000 PSI. PROVIDE LATERAL STUD BRACING PER MANUFACTURER'S RECOMMENDATIONS.
- C. STRUCTURAL STUDS JOIST, BRIDGING AND ACCESSORIES SHALL HAVE A MINIMUM YIELD STRENGTH OF 50,000 PSI FOR 16 GAGE AND THICKER MATERIALS AND 33,000 PSI FOR MATERIALS THINNER THAN 16 GAGE.
- D. PROVIDE ALL CONNECTIONS, BRACES AND BRIDGING TO DEVELOP THE FULL CAPACITY OF THE MEMBERS. PROVIDE CLIPS, CONNECTIONS, STRAPPING FOR TEMPORARY LATERAL BRACING AND ALL ITEMS NECESSARY FOR COMPLETE INSTALLATION.
- E. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS "STRUCTURAL WELDING CODE", LATEST EDITION AND PERFORMED BY CERTIFIED, LICENSED WELDER.
- F. DETAILING AND FABRICATION OF ALL COLD-FORMED STRUCTURAL MEMBERS SHALL CONFORM TO THE AISI SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, LATEST EDITION.
- G. BRIDGING SHALL BE PROVIDED UNTIL ERECTION IS COMPLETED. WALL STUD BRIDGING SHALL BE INSTALLED IN A MANNER AS TO PREVENT ROTATION AND ALSO IN A MANNER TO PROVIDE RESISTANCE TO BOTH MINOR AXIS BENDING AND ROTATION. BRIDGING ROWS SHALL BE EQUALLY SPACED AT 4'-0" ON CENTER MAXIMUM, UNLESS APPROVED OTHERWISE.
- H. COORDINATE WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL LIGHT GAGE FRAMING LOCATIONS AND REQUIREMENTS. COORDINATE LOCATIONS AND DETAILS WITH DOOR AND WINDOW EQUIPMENT.
- I. PROVIDE CONNECTIONS, BRACES, BRIDGING AND RUNNER TRACKS (MINIMUM 14 GAGE, BUT NOT LESS THAN GAGE OF SUPPORTED STUD) TO DEVELOP THE FULL CAPACITY OF THE OF THE MEMBERS. PROVIDE CLIPS, CONNECTIONS, STRAPPING FOR TEMPORARY LATERAL BRACING AND ALL ITEMS NECESSARY FOR COMPLETE INSTALLATION.
- J. PROVIDE AND COORDINATE VERTICAL SLIP CONNECTIONS TO STRUCTURAL STEEL MEMBERS WHERE REQUIRED.
- K. WINDOW AND DOOR HEADS SHALL BE FRAMED WITH JOIST SECTIONS SUFFICIENT TO CARRY THE WEIGHT OF THE WALL ABOVE AND TRANSFER WINDOW AND WALL LATERAL FORCES TO THE JAMBS. JAMB SECTIONS SHALL CONSIST OF HEAVIER GAGE STUDS, MULTIPLE STUDS OR BOTH AS REQUIRED TO PROVIDE LATERAL SUPPORT FOR WINDOW AND DOOR OPENINGS.

MINIMUM DESIGN REQUIREMENTS AND SECTION PROPERTIES
(MAXIMUM SPACING = 16" ON CENTER)

<u>6" EXTERIOR WALLS</u>	<u>4" EXTERIOR WALLS</u>	<u>WIND LOADING</u>
GAGE = 16	GAGE = 16	DESIGN FOR 115 MPH WIND
DEPTH = 6	DEPTH = 4	ACCORDING TO IBC AND ASCE 7
1 x-x = 2.316	1 x-x = 1.098	MINIMUM WIND = 18 PSF AT
S x-x = 0.767	S x-x = 0.533	TYPICAL AREA
		MINIMUM WIND = 18 PSF AT
		BUILDING CORNERS
		ALLOWABLE DEFLECTION =
		SPAN/360

LIGHT GAGE DESIGNATIONS



5. FIELD OBSERVATIONS:

- A. SPECIAL INSPECTIONS REQUIRED SHALL BE AS PER 2015 IBC, SECTION 1704 AND AS BELOW (U.N.O)
- STEEL: BOLTS AND WELD
- COLD FORM METAL ERECTION AND CONNECTIONS (INCLUDING WELD)

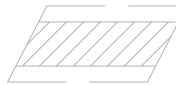
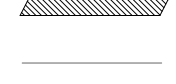
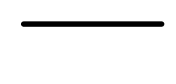
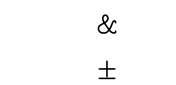
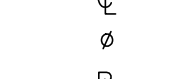
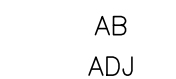
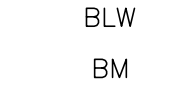
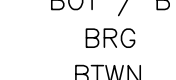
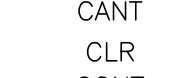
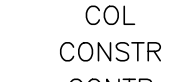
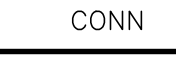
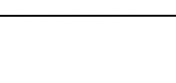
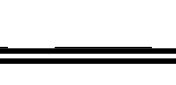
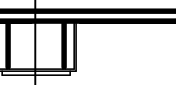
DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR: (BY OWNER) (APPROVED BY BUILDING DEPT)

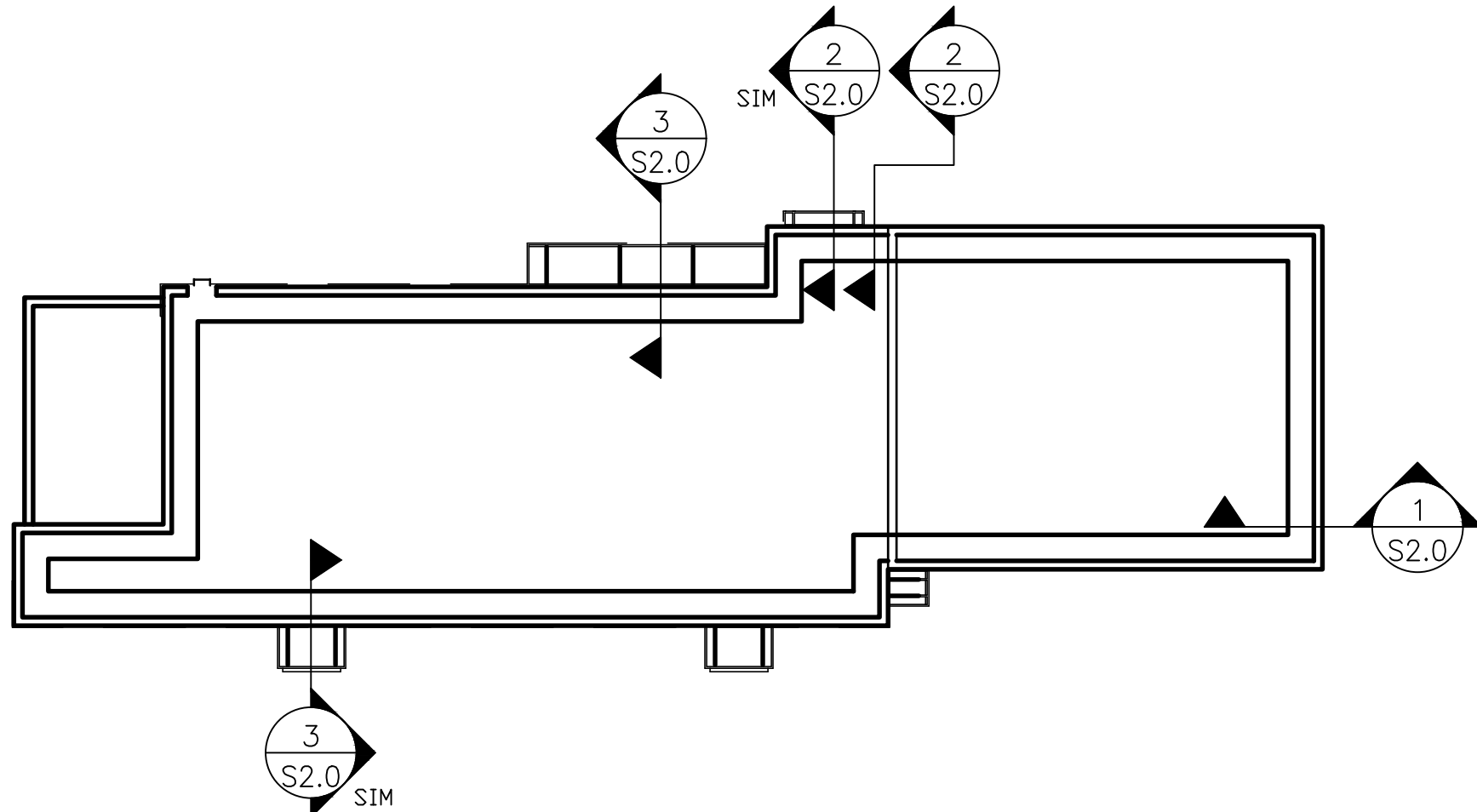
1. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK REQUIRING SPECIAL INSPECTION FOR CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS.
2. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE ENGINEER OR ARCHITECT OF RECORD. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THE IF UNCORRECTED, TO THE DESIGN AUTHORITY AND THE BUILDING OFFICIAL.
3. UPON COMPLETION OF THE ASSIGNED WORK, THE SPECIAL INSPECTOR SHALL COMPLETE AND SIGN A FINAL REPORT CERTIFYING THAT TO THE BEST OF HIS KNOWLEDGE, THE WORK IS IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS, AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE CODE.

DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR

1. FOR INSPECTION OF WELDING, NOTIFY THE SPECIAL INSPECTOR FROM THE RESPONSIBLE MATERIALS TESTING LAB THAT WORK IS READY FOR INSPECTION AT LEAST ONE WORKING DAY (24 HOURS MINIMUM) BEFORE SUCH INSPECTION IS REQUIRED.
2. ALL WORK REQUIRING SPECIAL STRUCTURAL INSPECTION SHALL REMAIN ACCESSIBLE AND EXPOSED UNTIL IT IS OBSERVED BY THE SPECIAL STRUCTURAL INSPECTOR.

LEGEND AND ABBREVIATIONS

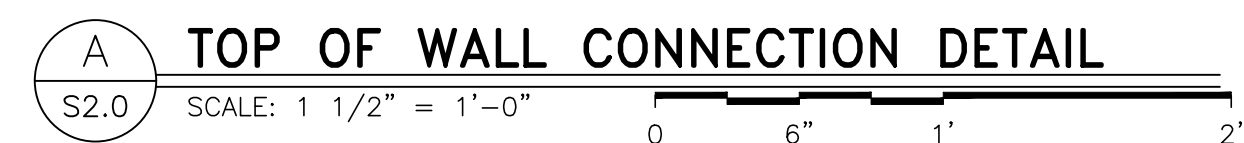
	DETAIL # OR LETTER	COORD	COORDINATE
	SHEET DETAIL IS ON	DWGS	DRAWINGS
		EA	EACH
	EXIST FOUNDATION AND FOOTING	EMBED	EMBEDMENT
	EXIST WALL	EOR	ENGINEER OF RECORD
	NEW FOUNDATION AND FOOTING	EXIST	EXISTING
	NEW 2x STUD WALL	EXP	EXPANSION
	EXIST STEEL BEAM	FDN	FOUNDATION
	STEEL BEAM OR CHANNEL	F.F.	FINISH FLOOR
	NEW 2x WOOD HEADER	FRMG	FRAMING
	EXIST HSS COLUMN	FTG	FOOTING
	NEW HSS COLUMN	GB	GRADE BEAM
	WOOD POST	GYP	GYPSUM BOARD
	AND	HDR	HEADER
	PLUS OR MINUS	HGT	HEIGHT
	CENTER LINE	HSS	HOLLOW STRUCTURAL SECTION
	DIAMETER	INT	INTERIOR
	PLATE	JST	JOIST OR JOISTS
	ANCHOR BOLT	JT	JOINT
	ADJACENT	LG	LIGHT GAUGE
	ARCHITECT OR ENGINEER	LLH	LONG LEG HORIZONTAL
	ARCHITECTURAL	LLV	LONG LEG VERTICAL
	BLOCKING	LOC	LOCATION
	BELOW	MANUF	MANUFACTURER
	BEAM	MAT	MATERIAL
	BOTTOM	MAX	MAXIMUM
	BEARING	MIN	MINIMUM
	BETWEEN	MPH	MILES PER HOUR
	CANTILEVER	MTL	METAL
	CLEAR OR CLEARANCE	OC	ON CENTER
	CONTINUOUS	PSI	POUNDS PER SQUARE INCH
	COLUMN	PT	PRESSURE TREATED
	CONSTRUCTION	REINF	REINFORCING OR REINFORCEMENT
	CONTRACTOR	REQD	REQUIRED
	CONNECTION	REV	REVERSE
		SIM	SIMILAR
		SQR	SQUARE
		STL	STEEL
		STRUCT	STRUCTURAL OR STRUCTURE
		TOP	TOP
		T.O.	TOP OF
		TYP	TYPICAL
		VIF	VERIFY IN FIELD
		W/	WITH



KEY PLAN

NOTES:

- 1- VERIFY ALL SECTION CUTS WITH ARCHITECTURAL DRAWINGS.
- 2- EXISTING FRAMING SHOWN IS ASSUMED ESTIMATE, CONTRACTOR SHALL VERIFY EXISTING FRAMING IN THE FIELD PRIOR TO STARTING WORK.
- 3- SEE DETAIL 2/S2.0, ARCH, AND MANUF RECOMMENDATIONS FOR SIGN CONN INFORMATION.

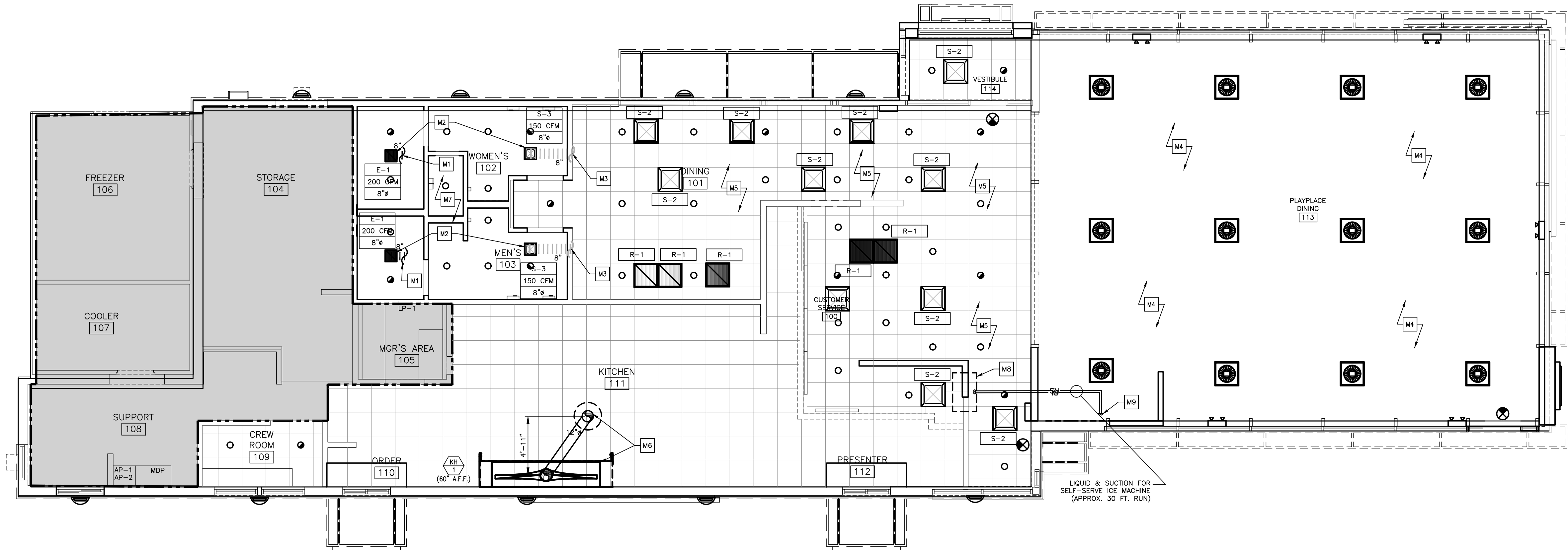


SHEET NO.	043-0116	TITLE	MRP CORE 16 2.0 EXTERIOR	DRAWN BY	PREPARED FOR:	PREPARED BY:	DATE:	REV	DATE	BY
				J.K.						
DESCRIPTION	BUILDING SECTIONS	REVIEWED BY	THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF MCDONALD'S USA, LLC AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT THE WRITTEN PERMISSION OF MCDONALD'S USA, LLC. THESE DRAWINGS ARE FOR USE ON THIS SPECIFIC SITE IN CONJUNCTION WITH ITS ISSUE DATE AND ARE NOT SUITABLE FOR USE ON A DIFFERENT SITE OR AT A LATER TIME. USE OF THESE DRAWINGS FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE WRITTEN PERMISSION OF MCDONALD'S USA, LLC. ANY VIOLATION OF THESE CONTRACT DOCUMENTS FOR REUSE ON ANOTHER PROJECT IS NOT AUTHORIZED.	DATE:	REV	DATE	BY			
		ACCOM TEAM								
SITE ID	SITE ADDRESS	SALT LAKE CITY, UT 84115								
043-0116	3890 S. 1100 EAST									

1
M1.2

MECHANICAL CEILING PLAN

3/16"=1'-0"



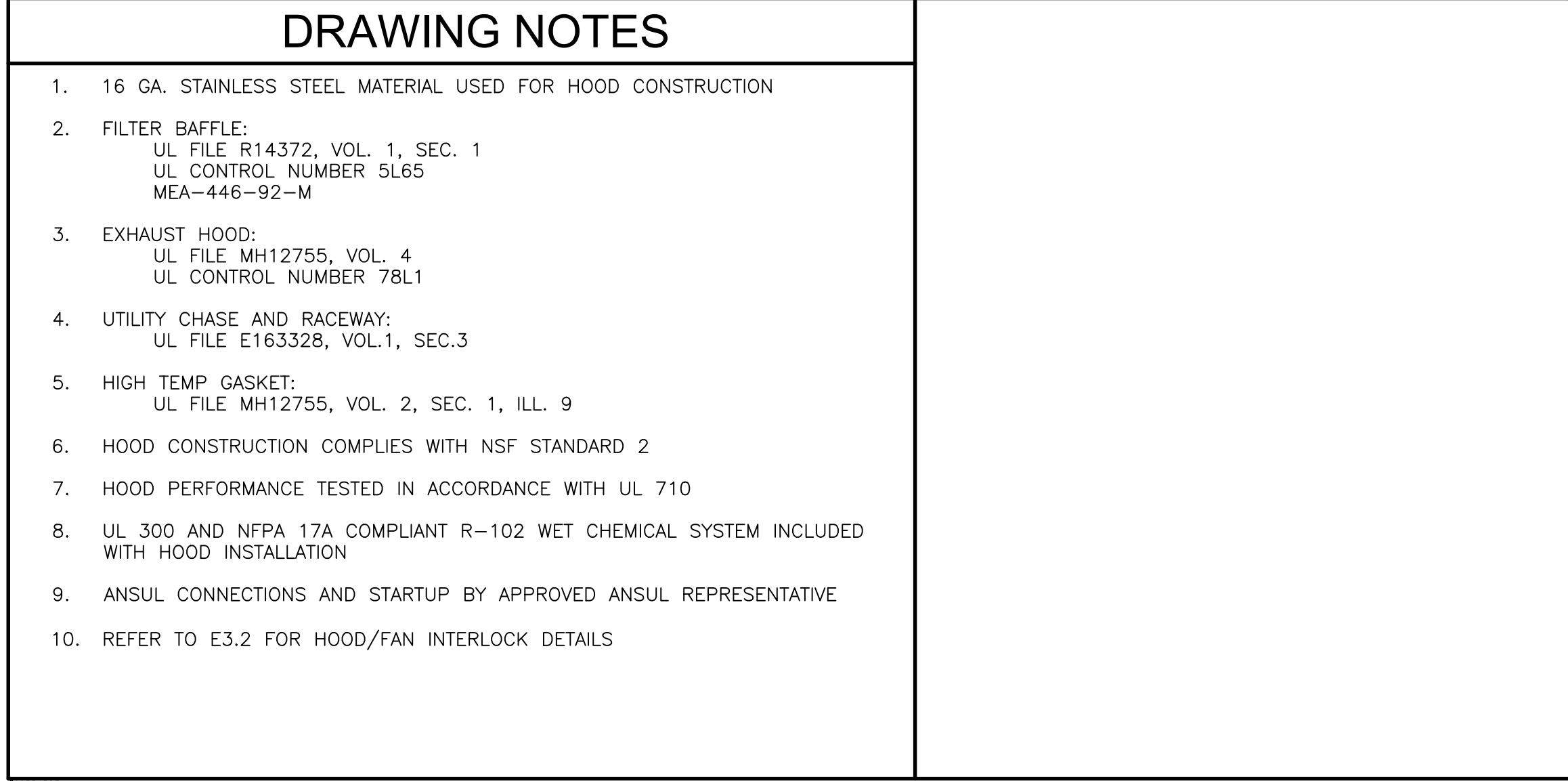
DRAWING NOTES

- ALL DUCTWORK SHALL BE RUN BETWEEN OR THROUGH THE JOISTS UNLESS NOTED OTHERWISE.
- DUCT SIZES SHOWN ARE INTERNAL FREE AREA DIMENSIONS UNLESS OTHERWISE NOTED.
- ALL SHEET METAL DUCTWORK SHALL BE EXTERNALLY INSULATED. INSULATION IS NOT SHOWN FOR CLARITY. SEE MECHANICAL NOTES FOR INSULATION REQUIREMENTS.
- PROVIDE REMOTELY ADJUSTABLE FACE VOLUME DAMPERS FOR ALL AIR OUTLETS INSTALLED IN INACCESSIBLE CEILINGS.
- REMOVE EXISTING EXHAUST DUCTWORK GOING TO EXISTING MEN'S AND WOMEN'S RESTROOMS AND CONNECT AT EXISTING 12X12 DUCTWORK GOING UP TO ROOF. SEAL AIRTIGHT AS REQUIRED AT CONNECTION POINT.
- ALL EXISTING CONDITIONS SHALL BE VERIFIED BEFORE INSTALLATION.

- M1 CONNECT NEW DUCTWORK TO EXISTING 12X12 EXHAUST DUCT GOING UP TO ROOF FOR DIFFUSERS INSTALLED IN DRYWALL CEILINGS. VOLUME DAMPER IS INTEGRAL TO DIFFUSER AND ADJUSTABLE AT FACE OF DIFFUSER (SEE NOTE 18 UNDER "VENTILATION SYSTEMS" ON DRAWING M4.0 AND AIR DEVICE SCHEDULE ON DRAWING M4.1)
- M2
- M3 TO RTU. EXTEND DUCTWORK AS REQUIRED
- M4 NO MECHANICAL WORK SHALL BE DONE IN PLAY PLACE
- M5 VERIFY IN FIELD AND DOCUMENT EXISTING CONDITIONS SUCH AS EXISTING DUCT ROUTING AND AIR QUANTITIES AT EACH AIR DEVICE GOING THROUGH SYSTEM IN DINING AREA (TYP.). CONNECT AND EXTEND EXISTING DUCTWORK TO NEW AIR DEVICES WITHIN NEW DECOR LAYOUT. NEW AIR DEVICES TO BE LOCATED AS CLOSE AS POSSIBLE TO LOCATION OF EXISTING AIR DEVICES. LOCATIONS AND QUANTITIES OF AIR DEVICES SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED. WHERE AIR QUANTITIES NOT SHOWN, EXISTING CONDITIONS FIELD REPORT SHALL BE USED TO BALANCE NEW AIR DEVICES WHEN CONSTRUCTION IS COMPLETE.
- M6 FURNISH AND INSTALL NEW EXHAUST HOOD WITH NEW EXHAUST FAN ON ROOF. REPLACE EXISTING EF-1 WITH NEW EF-1. FIELD VERIFY EXACT LOCATION ON ROOF
- M7 REBALANCE EXISTING RESTROOM EXHAUST FAN TO HAVE AN APPROXIMATE CAPACITY OF 400 CFM
- M8 NEW REMOTE CONDENSER ON ROOF
- M9 REFRIGERANT PIPING DOWN TO ICE MACHINE

SHEET NO.		043-0116		M1.2		MECHANICAL PLAN	
TITLE		MRP CORE 16 2.0 EXTERIOR		DESCRIPTION		MECHANICAL PLAN	
DRAWN BY		DT		STD ISSUE DATE		NOV 2016	
REVIEWED BY		AECOM TEAM		DATE ISSUED		03/23/2018	
SITE ADDRESS		3890 S. 1100 EAST		SALT LAKE CITY, UT 84115			
PREPARED BY:		URS Corporation		architects - engineers - planners		1255 Broad Street, Suite 201	
PREPARED FOR:		McDonald's USA, LLC		© 2017 McDonald's USA, LLC		These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without written authorization. In the contract documents were prepared by URS Corporation, this document is the property of URS Corporation. Use of these drawings for reference or example on another project requires the written consent of URS Corporation. The contract documents for reuse on another project is not authorized.	
DATE:		DATE:		REV		DESCRIPTION	
BY							

1. 16 GA. STAINLESS STEEL MATERIAL USED FOR HOOD CONSTRUCTION
2. FILTER BAFFLE:
UL FILE R14372, VOL. 1, SEC. 1
UL CONTROL NUMBER 5L65
MEA-446-92-M
3. EXHAUST HOOD:
UL FILE MH12755, VOL. 4
UL CONTROL NUMBER 78L1
4. UTILITY CHASE AND RACEWAY:
UL FILE E163328, VOL.1, SEC.3
5. HIGH TEMP GASKET:
UL FILE MH12755, VOL. 2, SEC. 1, ILL. 9
6. HOOD CONSTRUCTION COMPLIES WITH NSF STANDARD 2
7. HOOD PERFORMANCE TESTED IN ACCORDANCE WITH UL 710
8. UL 300 AND NFPA 17A COMPLIANT R-102 WET CHEMICAL SYSTEM INCLUDED WITH HOOD INSTALLATION
9. ANSUL CONNECTIONS AND STARTUP BY APPROVED ANSUL REPRESENTATIVE
10. REFER TO E3.2 FOR HOOD/FAN INTERLOCK DETAILS



DRAWING NOTES	
1.	16 GA. STAINLESS STEEL MATERIAL USED FOR HOOD CONSTRUCTION
2.	FILTER BAFFLE: UL FILE R14372, VOL. 1, SEC. 1 UL CONTROL NUMBER 5L65 MEA-446-92-M
3.	EXHAUST HOOD: UL FILE MH12755, VOL. 4 UL CONTROL NUMBER 78L1
4.	UTILITY CHASE AND RACEWAY: UL FILE E163328, VOL.1, SEC.3
5.	HIGH TEMP GASKET: UL FILE MH12755, VOL. 2, SEC. 1, ILL. 9
6.	HOOD CONSTRUCTION COMPLIES WITH NSF STANDARD 2
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9.	ANSUL CONNECTIONS AND STARTUP BY APPROVED ANSUL REPRESENTATIVE
10.	REFER TO E3.2 FOR HOOD/FAN INTERLOCK DETAILS

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ABBREVIATIONS

ALL ROOFTOP CONDENSING UNITS THAT DISCHARGE HORIZONTALLY SHALL BE ORIENTED SUCH THAT THE DISCHARGE DOES NOT BLOW IN THE DIRECTION OF AN OUTDOOR AIR INTAKE.

COMMERCIAL KITCHEN EXHAUST SYSTEMS:

1. ALL METAL DUCTWORK USED FOR THE CONVEYANCE OF GREASE-LADEN AIR SHALL BE CONSTRUCTED OF MINIMUM 18 GAUGE STAINLESS STEEL OR 16 GAUGE CARBON STEEL (BLACK IRON).
2. ALL GREASE EXHAUST DUCTWORK JOINTS SHALL BE EITHER TELESCOPING OR BELL TYPE. BUTT-WELDED JOINTS ARE PROHIBITED.
3. ALL GREASE EXHAUST DUCTWORK SEAMS AND JOINTS SHALL BE CONTINUOUSLY WELDED WATER-TIGHT ON THE EXTERNAL SURFACE OF THE DUCT SYSTEM. ALL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER.
4. ALL GREASE EXHAUST DUCTWORK SHALL BE EXTERNALLY INSULATED WITH A ASTM E2336 LISTED AND LABELED GREASE DUCT ENCLOSURE SYSTEM. INSULATION SHALL BE INSTALLED IN ACCORDANCE WITH ITS LISTING AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
5. ACCESS PANELS SHALL BE PROVIDED AT ALL CHANGES IN DIRECTION OF THE GREASE EXHAUST DUCTWORK SYSTEM. ACCESS PANELS SHALL BE INSTALLED IN ACCORDANCE WITH THE INSULATION MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SHALL BE LABELED AS FOLLOWS: "ACCESS PANEL - DO NOT OBSTRUCT".
6. ALL HORIZONTAL GREASE EXHAUST DUCTWORK SHALL BE INSTALLED WITH A MINIMUM 1/4" PER FOOT SLOPE AND SHALL BE PITCHED BACK TOWARD THE HOOD.
7. UPBLAST KITCHEN EXHAUST FANS SHALL BE LOCATED A MINIMUM OF 6 FT. FROM ANY PARAPET WALL OR ADJACENT STRUCTURE AND SHALL TERMINATE AT A MINIMUM OF 40 INCHES ABOVE THE FINISHED ROOFING MATERIAL.

REFRIGERANT PIPING:

1. ALL REFRIGERATION WORK SHALL BE PERFORMED BY A CERTIFIED REFRIGERATION CONTRACTOR.
2. ALL REFRIGERANT PIPING SHALL BE SEAMLESS COPPER TUBING OF TYPE L IN ACCORDANCE WITH ASTM B 88 AND ALL JOINTS SHALL BE SOLDERED.
3. ALL REFRIGERANT SUCTION LINES SHALL BE INSULATED WITH A MINIMUM 1" FOAM PIPE INSULATION. PIPE INSULATION INSTALLED OUTDOORS SHALL BE PROTECTED WITH AN APPROVED WEATHERPROOFING MATERIAL.
4. ALL SUSPENDED REFRIGERANT PIPING SHALL BE SUPPORTED AS FOLLOWS:

MATERIAL	MAX. HORIZ. SPACING	MAX. VERT. SPACING
COPPER TUBING $\leq 1/4"$	6 FT.	10 FT.
COPPER TUBING $\geq 1/2"$	10 FT.	10 FT.

5. ALL REFRIGERANT PIPING SHALL BE SIZED PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
6. PRE-CHARGED LINESETS ARE NOT PERMITTED AS LINES WILL MOST LIKELY NEED TO BE CUT TO FIT THE APPLICATION AND REFRIGERANT WILL NEED TO BE RECLAIMED.
7. ALL PIPE INSULATION SHALL BE PROTECTED FROM DAMAGE FROM PIPE HANGERS. PROTECTION SHALL BE LIGHT GAUGE GALVANIZED STEEL OR EQUAL.
8. ALL REFRIGERANT PIPING SYSTEMS SHALL BE PRESSURE TESTED FOR LEAKS PRIOR TO START-UP. ALL LEAKS SHALL BE REMEDIATED PRIOR TO BUILDING TURNOVER.

NATURAL GAS SYSTEMS (IF APPLICABLE):

1. ALL GAS PIPING, WATER HEATER VENTS, INTAKES AND FLUES SHALL CONFORM TO THE CURRENT VERSION OF NFPA 54, NATIONAL FUEL GAS CODE, AND ANY LOCAL CODE REQUIREMENTS.
2. THE NATURAL GAS MAIN PIPE SIZING IS BASED ON THE FOLLOWING:
A. MINIMUM SUPPLY PRESSURE AT THE METER OF 2 PSIG
B. 1 PSIG PRESSURE DROP FROM METER TO FARTHEST APPLIANCE
C. 1,000 BTU PER CU. FT. OF NATURAL GAS
3. GAS PIPING RUN-OUTS TO EQUIPMENT ARE SIZED BASED ON THE FOLLOWING:
A. SUPPLY PRESSURE AT THE REGULATOR OF 10" W.C. (1/4 PSIG)
B. 0.5" W.C. PRESSURE DROP FROM REGULATOR TO FARTHEST APPLIANCE
C. 1,000 BTU PER CU. FT. OF NATURAL GAS
4. ALL NATURAL GAS PIPE SHALL BE SCHEDULE 40 CARBON STEEL PIPE WITH MALLEABLE IRON FITTINGS AND SHALL BE COMPLY TO ONE OF THE FOLLOWING STANDARDS: ASME B36.10, 10M; ASTM A 53; OR ASTM A 106.
5. NATURAL GAS PRESSURE REGULATORS SHALL BE MAXITROL 325 SERIES OR EQUAL.
6. ALL SUSPENDED STEEL PIPING SHALL BE SUPPORTED AS FOLLOWS:

SIZE	MAX. HORIZ. SPACING	MAX. VERT. SPACING
1/2"	6 FT.	6 FT.
3/4" TO 1"	8 FT.	8 FT.
$\geq 1 1/2"$	10 FT.	10 FT.

7. GAS PIPING SHALL NOT PENETRATE ANY FIRE-RATED CHASE OR SHAFT, DUCTWORK OR PLENUM.
8. ALL NATURAL GAS PIPING INSTALLED OUTDOORS SHALL BE COATED WITH A CORROSION RESISTANT PAINT. PAINT COLOR SHALL BE ORANGE OR YELLOW.
9. ALL INTAKE AND VENT PIPING FOR SEALED-COMBUSTION WATER HEATERS SHALL BE PVC OR ABS, SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SHALL BE INSTALLED BY THE PLUMBING CONTRACTOR.
10. ALL WATER HEATER VENTS SHALL BE LOCATED A MINIMUM OF 10 FT. HORIZONTALLY FROM ANY OUTDOOR AIR INTAKE. WHERE A WATER HEATER VENT IS LOCATED WITHIN 10 FT. OF AN INTAKE, THE FLUE OR VENT SHALL TERMINATE A MINIMUM OF 2 FT. ABOVE THE INTAKE.
11. UPON COMPLETION OF INSTALLATION, THE GAS PIPING SYSTEM SHALL BE PURGED OF DELETERIOUS MATERIAL AND SHALL BE PRESSURE TESTED. PRESSURE TESTING SHALL BE PERFORMED WITH THE EQUIPMENT SHUT-OFF VALVES IN THE CLOSED POSITION TO PROTECT EQUIPMENT FROM DAMAGE DUE TO EXCESSIVE PRESSURE.
12. AFTER THE PRESSURE TEST HAS BEEN COMPLETED AND ANY LEAKS REMEDIATED, THE INSTALLING CONTRACTOR SHALL MEASURE AND VERIFY THE FOLLOWING GAS PRESSURES WHILE EQUIPMENT IS IN OPERATION:
A. FRYER - 6" W.C. NATURAL, 14" W.C. L.P.
B. GRILL - 6" W.C. NATURAL, 14" W.C. L.P.
C. WATER HEATER - 6" W.C. NATURAL, 14" W.C. L.P.
D. HVAC UNIT - 6" W.C. NATURAL, 14" W.C. L.P.
13. IF THE MINIMUM PRESSURES ARE NOT MET, THIS SHALL BE IMMEDIATELY REPORTED TO THE MCDONALD'S AREA CONSTRUCTION MANAGER.

6'-0" MIN.

40" MIN.

7'-0" MIN.

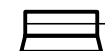
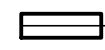
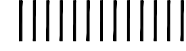
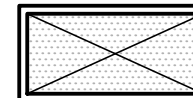
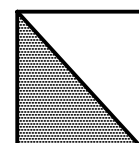
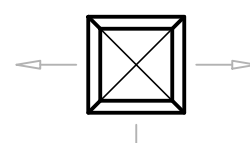
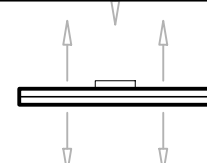
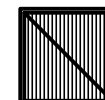
SECTION

KITCHEN EXHAUST HOOD INSTALLATION

1

M4

1. UPBLAST EXHAUST FAN (SEE EXHAUST FAN SCHEDULE)
2. HINGED CURB CAP FOR CLEANING ACCESS (FURNISHED WITH FAN)
3. GREASE TRAP (FURNISHED WITH FAN)
4. NEMA 3R DISCONNECT SWITCH (FURNISHED WITH FAN)
5. 12" HIGH CURB EXTENSION (FURNISHED WITH FAN)
6. 18" HIGH CURB (FURNISHED WITH FAN)
7. TWO (2) LAYERS OF 1½" THICK DUCT WRAP TO MEET ASTM E2336 INSTALLED PER MANUFACTURER'S INSTRUCTIONS (SEE MECHANICAL NOTES FOR INSULATION SPECIFICATION)
8. 16 GAUGE BLACK IRON (CARBON STEEL) DUCTWORK WELDED LIQUID-TIGHT
9. 5-GORE BLACK IRON (CARBON STEEL) RADIUS ELBOW
10. 12"x6" ACCESS DOOR AT ALL CHANGES IN DIRECTION
11. 5" ALUMINUM STEEL FASCIA PANEL TO PROTECT DUCTWORK AND INSULATION
12. BACKSHELF TYPE EXHAUST HOOD (SEE KITCHEN EXHAUST HOOD SCHEDULE)
13. COOKING APPLIANCE (SEE KITCHEN DRAWINGS)
14. REAR WALL CONSTRUCTION SHALL CONSIST OF CERAMIC TILE OR MIN. 24 GAUGE STAINLESS STEEL OVER ¾" TYPE X GYPSUM BOARD OR ½" PLASTER BOARD FROM FLOOR TO CEILING AND EXTENDING 24" TO EACH SIDE OF THE HOOD. (SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.)
15. 2x10 LIGHT GAUGE STEEL FOR SUPPORT BLOCKING FOR HOOD AND RACEWAY (COORDINATE INSTALLATION WITH HOOD INSTALLER)
16. STRUCTURAL FRAMING FOR ROOF OPENING (SEE STRUCTURAL DRAWINGS)
17. TRANSITION TO FLEXIBLE CONDUIT UNDER ROOF PENETRATION WHERE ALLOWED BY CODE

	TEMPERATURE SENSOR		CEILING—MOUNTED EXHAUST FAN			
	AVERAGING TEMPERATURE SENSOR					
	CO2 SENSOR FOR ROOFTOP UNIT DEMAND CONTROL VENTILATION		SPIN—IN COLLAR WITH VOLUME DAMPER			
	HUMIDITY SENSOR		VOLUME DAMPER			
	THERMOSTAT		FLEXIBLE DUCTWORK			
	SMOKE DETECTOR		PERFORATED FACE DIFFUSER			
	EQUIPMENT TAG					
<table border="1" data-bbox="1614 410 1681 472"><tr><td>R-1</td></tr><tr><td>1750 CFM</td></tr><tr><td>18"Ø</td></tr></table>	R-1	1750 CFM	18"Ø	<u>DIFFUSER INFORMATION</u> LINE 1: TAG LINE 2: AIRFLOW LINE 3: NECK SIZE		SHEET METAL TEE WITH CAP
R-1						
1750 CFM						
18"Ø						
	SUPPLY AIR DUCT (VERTICAL)					
	RETURN OR EXHAUST AIR DUCT (VERTICAL)					
	ROUND DUCT (VERTICAL)					
	STEADY—STATE SPEED CONTROLLER					
	PLAQUE DIFFUSER (SHADED AREA DESIGNATES BLANK—OFF PANEL LOCATION)					
	LINEAR SLOT DIFFUSER					
	LOUVERED FACE DIFFUSER					

[illegible]

SHEET NO.	043-0116		 McDonald's property of McDonald's USA, LLC for use on this specific site in not suitable for use on a different site. McDonald's does not warrant services of properly licensed architects the contract documents for use on
	TITLE	MRP CORE 16 2.0 EXTERIOR	
MECHANICAL LEGEND AND NOTES 043-0116	DESCRIPTION	DRAWN BY DT STD ISSUE DATE NOV 2016 REVIEWED BY AECOM TEAM DATE ISSUED 03/23/2018	PREPARED FOR:
	SITE ADDRESS	SALT LAKE CITY, UT 84115	

COORDINATION SCHEDULE					NOTES:
GENERAL REQUIREMENTS	FURNISH	INSTALL	FINAL CONNECTION	NOTES	
MECHANICAL PERMIT	MC			1-3	1. THIS SCHEDULE IS INTENDED AS A GUIDE FOR THE WORK TO BE PERFORMED. ALL WORK SHALL BE COORDINATED BETWEEN THE McDONALD'S AREA CONSTRUCTION MANAGER AND ALL GC AND O/O SUBCONTRACTORS.
HOT WORK (WELDING) PERMIT (IF APPLICABLE)	KES			1-3	
REFRIGERATION PERMIT (IF APPLICABLE)	MC			1-3	
PLUMBING PERMIT	PC			1-3	
ELECTRICAL PERMIT	EC			1-3	
FIRE SPRINKLER PERMIT (IF APPLICABLE)	FPC			1-3	2. ONE (1) COPY OF THE DECOR PACKAGE DRAWINGS SHALL BE SUPPLIED TO THE GENERAL CONTRACTOR AND EACH OF THE SUBCONTRACTORS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE SUBCONTRACTORS TO INSURE THAT THEY HAVE RECEIVED THE DECOR PACKAGE DRAWINGS.
FIRE ALARM PERMIT (IF APPLICABLE)	FAC			1-3	
CONTRACTOR COORDINATION REQUIREMENTS					
HEATING & AIR-CONDITIONING					3. FOR ANY WORK NOT CLARIFIED IN THIS SCHEDULE OR IN THE NOTES AND SPECIFICATIONS, PLEASE CONSULT THE McDONALD'S AREA CONSTRUCTION MANAGER FOR SCOPE OF WORK.
ROOFTOP UNITS, INTAKE AND RELIEF	MC	MC		1-5, 17, 22	
ROOF CURBS	MC	MC		1-3, 20, 22	
GAS PIPING AND GAS PIPE KIT	PC	PC	PC	1-3, 14, 22-23	
CONTROLS WIRING	MC	EC	EC	1-3, 19, 22, 24	
POWER WIRING	EC	EC	EC	1-3, 19, 22, 24	4. ALL ROOFTOP UNIT EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR AND THE KITCHEN EQUIPMENT SUPPLIER SHALL BE ON SITE AT THE SAME TIME FOR A SINGLE CRANE LIFT. EQUIPMENT SITE ARRIVAL DATE SHALL BE COORDINATED BETWEEN THE AREA CONSTRUCTION MANAGER, MECHANICAL CONTRACTOR AND KITCHEN EQUIPMENT SUPPLIER.
CONDENSATE TRAP	MC	PC		1-3, 22-23	
CONDENSATE PIPING (IF APPLICABLE)	PC	PC		1-3, 22-23	
DUCT-MOUNTED SMOKE DETECTOR	MC	MC	EC	1-3, 22, 24	
GENERAL EXHAUST SYSTEMS					
EXHAUST FANS	MC	MC		1-3, 17, 22	5. ALL ROOFTOP UNITS INSTALLED IN McDONALD'S RESTAURANTS SHALL BE HIGH EFFICIENCY EQUIPMENT. THE INSTALLATION OF STANDARD EFFICIENCY ROOFTOP UNITS IS PROHIBITED.
ROOF CURBS	MC	MC		1-3, 22	
CONTROLS (WHERE APPLICABLE)	MC	EC	EC	1-3, 22, 24	
POWER WIRING (FAN AND DAMPER)	EC	EC	EC	1-3, 22, 24	
TEMPERATURE CONTROLS					
THERMOSTATS & SUBBASES	MC	MC	EC	1-3, 22, 24	6. ALL KITCHEN EQUIPMENT REQUIRING EXHAUST SHALL BE INSTALLED IN ACCORDANCE WITH THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE REPORTED TO THE AREA CONSTRUCTION MANAGER AND THE ENGINEER-OF-RECORD.
REMOTE SENSORS (RH AND/OR TEMPERATURE)	MC	MC	EC	1-3, 22, 24	
CONTROLS WIRING (WHERE APPLICABLE)	MC	EC	EC	1-3, 22, 24	
POWER WIRING	EC	EC	EC	1-3, 22, 24	
DUCTWORK AND ACCESSORIES					
GALVANIZED SHEET METAL DUCTWORK	MC	MC		1-3, 22	7. WHERE GYPSUM BOARD CEILINGS ARE INSTALLED, THE MECHANICAL CONTRACTOR SHALL SUPPLY DRYWALL MOUNTING FRAMES FOR LAY-IN TYPE DIFFUSERS.
EXTERNAL INSULATION	MC	MC		1-3, 22	
INTERNAL INSULATION (IF APPLICABLE)	MC	MC		1-3, 22	
WEATHERPROOFING (IF APPLICABLE)	MC	MC		1-3, 22	
SPIN-IN COLLARS	MC	MC		1-3, 22	
FLEXIBLE DUCTWORK	MC	MC		1-3, 22	8. ALL WORK SHOWN ON P1.6 DRAWING(S) SHALL BE COMPLETED BY THE BEVERAGE SYSTEM INSTALLER (OR K.E.S.) UNLESS OTHERWISE NOTED IN THE PLUMBING DRAWINGS.
VOLUME/BALANCING DAMPERS	MC	MC		1-3, 22	
FIRE DAMPERS (IF APPLICABLE)	MC	MC		1-3, 22	
FIRESTOPPING (IF APPLICABLE)	MC	MC		1-3, 22	
AIR DEVICES AND ACCESSORIES	MC	MC	MC	1-3, 7, 22, 28	
KITCHEN EXHAUST SYSTEMS					9. ALL WORK ON P1.0 & P1.2 DRAWING(S) SHALL BE BY THE PLUMBING CONTRACTOR.
McDONALD'S BACKSHELF EXHAUST HOODS	KES	KEI		1-3, 6, 22, 27	
CANOPY EXHAUST HOODS (IF APPLICABLE)	KES	KEI		1-3, 6, 22, 27	
BLACK IRON DUCTWORK	KES	KEI		1-3, 6, 22	
STAINLESS STEEL DUCTWORK (IF APPLICABLE)	KES	KEI		1-3, 6, 22	
ALUMINUM DUCTWORK (IF APPLICABLE)	KES	KEI		1-3, 6, 22	10. THE BEVERAGE SYSTEM INSTALLER FURNISHES, RUNS AND CONNECTS ALL FLEXIBLE WATER AND SYRUP LINES FOR ALL AFFECTED EQUIPMENT INCLUDING THE FOLLOWING: A. HOT CHOCOLATE B. COFFEE BREWER C. ICE MACHINE D. O.J. E. SODA TOWERS
UL LISTED DUCT WRAP	MC	MC		1-3, 6, 22	
FIRE-RATED DUCT ENCLOSURE (IF APPLICABLE)	GC	GC		1-3, 6, 20, 22	
EXHAUST FANS	MC	MC		1-3, 6, 17, 22	
ROOF CURBS	MC	MC		1-3, 6, 20, 22	
CURB EXTENSIONS	MC	MC		1-3, 6, 22	11. ALL WATER HEATERS INSTALLED IN McDONALD'S RESTAURANTS SHALL BE HIGH EFFICIENCY SEALED-COMBUSTION WATER HEATERS. THE INSTALLATION OF STANDARD EFFICIENCY GRAVITY-VENTED WATER HEATERS IS PROHIBITED.
CONTROLS (WHERE APPLICABLE)	EC	EC	EC	1-3, 6, 22, 24	
POWER WIRING	EC	EC	EC	1-3, 6, 22, 24	
FIRE SUPPRESSION SYSTEM	KES	KES	KES	1-3, 16, 22, 27	
KITCHEN EQUIPMENT					
COOLER/FREEZER	KES	GC		1-3, 27	12. THE AREA CONSTRUCTION MANAGER, PLUMBING CONTRACTOR AND KITCHEN EQUIPMENT SUPPLIER SHALL COORDINATE WHICH 3-COMPARTMENT SINK IS BEING INSTALLED IN THE RESTAURANT. NOTE: THE INSTALLATION OF A POWERSOAK SINK REQUIRES A LARGER WATER HEATER THAN THE STANDARD 3-COMPARTMENT SINK.
EVAPORATOR COILS	KES	MC		1-3, 27	
CONDENSATE PIPING	PC	PC	PC	1-3, 23, 27	
REMOTE CONDENSING UNIT (MAC)	KES	MC		1-3, 22, 27	
ROOF CURBS	MC	MC		1-3, 22	
REFRIGERANT PIPING	KES	MC	MC	1-3, 22, 27	13. ALL GAS PIPING FOR COOKING EQUIPMENT SHALL TERMINATE IN THE CEILING PRIOR TO THE INSTALLATION OF THE PIPING CHASE. UPON INSTALLATION OF THE CHASE, THE GAS PIPING SHALL THEN BE CONTINUED IN THE CHASE FOR FINAL CONNECTION TO THE APPLIANCE.
POWER WIRING	EC	EC	EC	1-3, 22, 24, 27	
CONTROL WIRING	EC	EC	EC	1-3, 24, 27	
PIPE PORTALS	MC	MC		1-3, 22	
ICE MACHINES	KES	KEI		1-3, 27	
WATER SUPPLY PIPING	KES	KEI	BSI	1-3, 27	14. ALL GAS PIPING FOR ROOFTOP EQUIPMENT SHALL BE BROUGHT UP THROUGH THE BASE OF THE UNIT TO MINIMIZE ROOF PENETRATIONS. WHERE THIS IS NOT POSSIBLE, THE PLUMBING CONTRACTOR SHALL PROVIDE THE NECESSARY PIPE PORTALS ON ROOF.
REMOTE CONDENSING UNITS	KES	MC		1-3, 22, 27	
ROOF CURBS	MC	MC		1-3, 22, 27	
REFRIGERANT PIPING	KES	MC	MC	1-3, 22, 27	
POWER WIRING	EC	EC	EC	1-3, 22, 24, 27	
CONTROL WIRING	KES	EC	EC	1-3, 24, 27	15. ALL FIRE PROTECTION DRAWINGS CONTAINED WITHIN THIS SET ARE STRICTLY FOR REFERENCE ONLY. FIRE SPRINKLER DRAWINGS SHALL BE DESIGNED AND PERMITTED BY A FIRE PROTECTION CONTRACTOR.
PIPE PORTALS	MC	MC		1-3, 22	
POWER WIRING	KES	KES		1-3, 27	
GAS PIPING (IF APPLICABLE)	PC	PC	PC	1-3, 23, 27	
POWER WIRING	EC	EC	EC	1-3, 24, 27	
CONTROL CABLE (6" CLAMSHELL ONLY)	MC	EC	EC	1-3, 23, 24, 27	16. ALL R-102 WET CHEMICAL FIRE SUPPRESSION SYSTEMS FOR TYPE I HOODS SHALL BE DESIGNED AND INSTALLED BY A LOCAL ANSUL AGENT. THE USE OF DRY CHEMICAL SYSTEMS IS PROHIBITED. THE LOCAL ANSUL AGENT CONTRACT IS HANDLED THROUGH THE KITCHEN EQUIPMENT SUPPLIER.
FRYERS	KES	KES		1-3, 27	
GAS PIPING (IF APPLICABLE)	PC	PC	PC	1-3, 23, 27	
GRILLS	EC	EC	EC	1-3, 24, 27	
MISCELLANEOUS ITEMS					
FIRE SPINKLER SYSTEMS	FPC	FPC	FPC	1-3, 15, 25	17. ALL ROOFTOP UNITS AND EXHAUST FANS ARE SUPPLIED WITH A FACTORY-INSTALLED DISCONNECT SWITCH.
HVAC EQUIPMENT START-UP	TAB			1-3, 22	
TEST, ADJUST AND BALANCE HVAC SYSTEMS	TAB			1-3, 22	
DOOR GRILLES (IF APPLICABLE)	MC	GC		1-3, 20, 22	
ROOF/WALL OPENINGS	GC			1-3, 20-24	
APPLIANCE BACKFLOW PREVENTION	KES/BSI	PC	PC	1-3, 23, 27	18. ELECTRICAL CONTRACTOR SHALL PROVIDE DISCONNECT SWITCHES FOR REMOTE CONDENSING UNITS.
CO2 DETECTION SYSTEM	MC	EC	EC	1-3, 22, 27	
					19. ALL ELECTRICAL CONDUITS FOR ROOFTOP EQUIPMENT SHALL BE BROUGHT UP THROUGH THE BASE OF THE UNIT TO MINIMIZE ROOF PENETRATIONS. WHERE THIS IS NOT POSSIBLE, THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE NECESSARY PIPE PORTALS ON ROOF.
					20. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
					21. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
					22. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
					23. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
					24. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
					25. SEE FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
					26. SEE FIRE ALARM DRAWINGS FOR ADDITIONAL INFORMATION.
					27. SEE KITCHEN DRAWINGS FOR ADDITIONAL INFORMATION.
					28. SEE DECOR DRAWINGS FOR ADDITIONAL INFORMATION.

AIR DEVICE SCHEDULE							
TAG	MANUFACTURER	MODEL	BORDER	SIZE	COLOR	ACCESSORIES	NOTES
S-2	TITUS PRICE	OMNI SPD	LAY-IN	24x24	VARIES	4,6,7	1,7
S-3	TITUS PRICE	OMNI SPD	LAY-IN	12x12	VARIES	1,2,7	1,3,7
R-1	TITUS PRICE	23RL 60L	LAY-IN	24x24	VARIES	3,7	1,7
E-1	TITUS PRICE	23RL 60L	LAY-IN	12x12	WHITE	1,7	1
ACCESSORIES: 1. COMBINATION DAMPER AND EQUALIZING GRID 2. PLASTER FRAME FOR DRYWALL CEILING INSTALLATION 3. SQUARE-TO-ROUND COLLAR CONNECTION 4. BACKPAN INSULATION 5. OPPOSED BLADE DAMPER 6. BLANK-OFF PANEL AS SHOWN ON DUCTWORK PLAN 7. PLASTER FRAME MAY BE NECESSARY - COORDINATE WITH DECOR DRAWINGS 8. 1" FILTER MEDIA			NOTES: 1. SEE PLAN FOR NECK SIZES 2. FABRICATE 46"x22"x27"H PLENUM WITH 14"Ø SIDE INLET (SEE DETAIL 10 ON DRAWING M3.0) 3. PROVIDE 1" FIBERGLASS INSULATION FOR DIFFUSER 4. NOT USED 5. GENERAL CONTRACTOR SHALL PROVIDE ADDITIONAL 4 FT. T-BAR FOR DIFFUSER FRAMING 6. DOOR GRILLE SHALL BE INSTALLED BY DOOR MANUFACTURER. GRILLE SHALL BE LOCATED 12" FROM BOTTOM OF DOOR 7. AIR DEVICE FINISH WILL VARY: * KITCHEN, STORAGE, RESTROOMS - WHITE * DINING ROOM, VESTIBULES - WHITE, BLACK OR PAINTABLE/PRIME COAT (COORDINATE FINAL COLOR WITH DECOR PLANS).				

KITCHEN HOOD SCHEDULE								
GENERAL					AIRFLOW		FILTERS	
TAG	SERVED BY	MANUFACTURER	MODEL	NOTES	CFM	CFM/LF	QTY/SIZE	
KH 1	EXHAUST FAN (EF-1)	FRANKE H&K	UH-133	1-3	1555	140	(8)10x16	
NOTES: 1. HOODS SHALL BE PROVIDED BY THE KES (SEE COORDINATION SCHEDULE) 2. SEE HOOD DRAWINGS FOR CONSTRUCTION DETAILS AND UL INFORMATION 3. REFER TO E3.2 FOR HOOD/FAN INTERLOCK DETAILS								

FAN SCHEDULE													
GENERAL						DESIGN				ELECTRICAL			
TAG	MANUFACTURER	MODEL	SERVES	ACCESSORIES	NOTES	CFM	S.P.	BHP	FRPM	VOLTS	Ø	Hz	HP
EF 1	GREENHECK	MCD-CUE162HP-VG	KITCHEN HOOD (KH-1)	1-5,14	1,2	1555	1.58	0.68	1580	120 TO 10VDC ECM	1	60	¾
ACCESSORIES: 1. 2-POLE NEMA 3R DISCONNECT SWITCH FACTORY-WIRED AND MOUNTED TO FAN 2. UL 762 LISTED AND LABELED 3. ROOF CURB MODEL GPF-24-G18 WITH 1" INSULATION 4. CURB EXTENSION MODEL GPEx-24-G12 5. HINGED CURB CAP KIT WITH CABLES 6. 120VAC BACKDRAFT DAMPER 7. ROOF CURB MODEL GPF-19-12-G14 WITH 1" INSULATION AND DAMPER TRAY 8. NEMA 1 DISCONNECT SWITCH 9. EXTERNAL STEADY-STATE SPEED						CONTROLLER 10. ROUND DUCT CONNECTOR 11. TWO (2) 13W COMPACT FLUORESCENT LAMPS 12. PRISMATIC LENS 13. WINDBAND EXTENSION ON FAN OUTLET 14. VARIGREEN 10VDC ELECTRONICALLY COMMUTATED MOTOR				NOTES: 1. NO SUBSTITUTIONS PERMITTED 2. TO ORDER GREENHECK EQUIPMENT CALL (888)325-6529 OR E-MAIL: MCD@GREENHECK.COM 3. ELECTRICAL CONTRACTOR SHALL PROVIDE DOOR SWITCH FOR LIGHT CONTROL 4. MECHANICAL CONTRACTOR SHALL FURNISH LINE VOLTAGE THERMOSTAT FOR FAN CONTROL. ELECTRICAL CONTRACTOR SHALL INSTALL THERMOSTAT. 5. CONNECT TO TIMECLOCK FOR FAN SHUT-OFF DURING UNOCCUPIED HOURS			

SHEET NO.	TITLE	DRAWN BY DT	STD ISSUE DATE NOV 2016	REVIEWED BY ACCOM TEAM	DATE ISSUED 03/23/2016	SITE ADDRESS 3890 S. 1100 EAST	SALT LAKE CITY, UT 84115	DESCRIPTION MECHANICAL SCHEDULES	043-0116	M4.1	SCHEDULES	BY	DESCRIPTION	DATE	REV	DATE	BY

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GENERAL:			DOMESTIC SUPPLY SYSTEMS:																				
1.	ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH ALL LOCAL CODES AND ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION.		1.	THE INCOMING WATER SERVICE PIPE SHALL BE LOCATED A MINIMUM OF 5 FT. FROM THE EXITING SANITARY PIPE. WHERE A 5 FT. SEPARATION IS NOT POSSIBLE, THE BOTTOM OF THE WATER SERVICE PIPE SHALL BE A MINIMUM OF 12 IN. ABOVE THE TOP OF THE HIGHEST POINT OF THE SANITARY PIPE.																			
2.	ALL PLUMBING WORK SHALL BE PERFORMED BY A LICENSED PLUMBER.		2.	ALL UNDERGROUND SITE PLUMBING SHALL CONFORM TO NSF 61, SHALL BE TYPE K COPPER TUBING OR COPPER PIPE, POLYETHYLENE (PE) OR CPVC. IF CPVC IS USED, FOAM INSULATION SHALL BE INSTALLED AT ALL CHANGES OF DIRECTION TO ACCOUNT FOR EXPANSION AND CONTRACTION.																			
3.	ALL DIMENSIONS, CLEARANCES AND TOLERANCES SHALL BE VERIFIED PRIOR TO INSTALLATION. ALL ROUGH-IN LOCATIONS SHALL BE COORDINATED WITH THE MANUFACTURER'S SUBMITTAL INFORMATION.		3.	INCOMING WATER SERVICE PRESSURE SHOULD BE BETWEEN 45 AND 55 PSI STATIC. WHERE WATER PRESSURE EXCEEDS 80 PSI STATIC, AN APPROVED WATER-PRESSURE REDUCING VALVE WITH STRAINER CONFORMING TO ASSE 1003 SHALL BE INSTALLED. WHERE INCOMING WATER PRESSURE IS BELOW 45 PSI STATIC, A PRESSURE BOOSTER SYSTEM SHALL BE INSTALLED.																			
4.	ALL DIMENSIONAL INFORMATION IS AS FOLLOWS (UNLESS NOTED OTHERWISE): A. UNDERGROUND PIPE IS TO FOUNDATION B. OVERHEAD PIPE IS TO FINISHED WALL C. ELEVATIONS ARE TO FINISHED FLOOR		4.	IF THE RESTAURANT HAS A COMBINED WATER AND FIRE SPRINKLER SERVICE, THE INCOMING WATER SERVICE SHALL BE SIZED BASED ON THE FIRE SPRINKLER CONTRACTOR'S HYDRAULIC CALCULATIONS.																			
5.	ALL MATERIALS, FIXTURES AND EQUIPMENT USED SHALL BE IN ACCORDANCE WITH McDONALD'S SPECIFICATIONS. SPECIFICATIONS ARE CONTAINED WITHIN THESE DRAWINGS AND THE McDONALD'S PROJECT MANUAL. ANY CONTRACTOR IN NEED OF A COPY OF THE McDONALD'S PROJECT MANUAL SHALL CONTACT THE McDONALD'S AREA CONSTRUCTION MANAGER. ANY VARIANCE FROM THE McDONALD'S SPECIFICATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER-OF-RECORD.		5.	PROVIDE A MINIMUM 1/2" ANNULAR CLEARANCE AROUND ALL PIPE SLAB PENETRATIONS.																			
6.	SEE COORDINATION SCHEDULE FOR ADDITIONAL SCOPE OF WORK.		6.	A REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER (RPZ) SHALL BE INSTALLED AT THE INCOMING SERVICE WHERE REQUIRED BY CODE.																			
7.	ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH ITS LISTING AND/OR THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.		7.	AN EXPANSION TANK SHALL BE INSTALLED ON THE COLD WATER LINE INLET TO THE WATER HEATER. SEE EXPANSION TANK SCHEDULE.																			
8.	WHERE POOR SOIL CONDITIONS EXIST OR WHERE SUBSTANTIAL SETTLEMENT OF EITHER THE PIPING, THE BUILDING OR ADJACENT WALKS, PLANTERS, ETC., MAY OCCUR, THE CONTRACTOR SHALL PROVIDE ADEQUATE UNDERSLAB STAINLESS STEEL PIPE HANGERS OR APPROVED OTHER SUPPORT.		8.	ALL WATER SUPPLY PIPE WITHIN 5 FT. OF THE BUILDING AND INSIDE THE BUILDING SHALL COMPLY WITH NSF 61 AND SHALL BE TYPE L COPPER TUBING, COPPER PIPE OR CPVC PIPE.																			
9.	ALL PIPE SLEEVES SHALL BE PROPERLY SEALED AND INSULATED TO PREVENT HEAT LOSS AND SEEPAGE.		9.	CPVC PIPE SHALL BE FLOWGUARD GOLD OR FLOWGUARD BENDABLE AS MANUFACTURED BY LUBRIZOL.																			
10.	ALL PIPE INSULATION SHALL BE PROTECTED FROM DAMAGE FROM PIPE HANGERS. PROTECTION SHALL BE LIGHT GAUGE GALVANIZED STEEL OR EQUAL.		10.	CPVC PIPE SHALL BE CONNECTED WITH FLOWGUARD GOLD YELLOW LOW-VOC SOLVENT CEMENT AS MANUFACTURED BY IPS WELD-ON OR OATEY.																			
11.	ALL PENETRATIONS OF FIRE-RATED WALLS SHALL BE FIRESTOPPED WITH AN APPROVED AND LISTED FIRESTOPPING SYSTEM.		11.	ALL CPVC PIPE SHALL BE INSULATED TO PREVENT EXPOSURE TO GREASE.																			
SANITARY AND VENT SYSTEMS:			12.	ALL SUSPENDED PIPE SHALL BE SUPPORTED AS FOLLOWS:																			
1.	THE BUILDING SANITARY PIPE SHALL BE LOCATED A MINIMUM OF 5 FT. FROM THE INCOMING WATER SERVICE. WHERE A 5 FT. SEPARATION IS NOT POSSIBLE, THE BOTTOM OF THE WATER SERVICE PIPE SHALL BE A MINIMUM OF 12 IN. ABOVE THE TOP OF THE HIGHEST POINT OF THE SANITARY PIPE.		<table border="1"> <thead> <tr> <th>MATERIAL</th><th>MAX. HORIZ. SPACING</th><th>MAX. VERT. SPACING</th></tr> </thead> <tbody> <tr> <td>COPPER PIPE</td><td>12 FT.</td><td>10 FT.</td></tr> <tr> <td>COPPER TUBING ≤1 1/4"</td><td>6 FT.</td><td>10 FT.</td></tr> <tr> <td>COPPER TUBING >1 1/4"</td><td>10 FT.</td><td>10 FT.</td></tr> <tr> <td>CPVC ≤1"</td><td>3 FT.</td><td>10 FT.</td></tr> <tr> <td>CPVC ≥1 1/4"</td><td>4 FT.</td><td>10 FT.</td></tr> </tbody> </table>			MATERIAL	MAX. HORIZ. SPACING	MAX. VERT. SPACING	COPPER PIPE	12 FT.	10 FT.	COPPER TUBING ≤1 1/4"	6 FT.	10 FT.	COPPER TUBING >1 1/4"	10 FT.	10 FT.	CPVC ≤1"	3 FT.	10 FT.	CPVC ≥1 1/4"	4 FT.	10 FT.
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2.	ALL SANITARY AND VENT PIPE SHALL BE PVC TYPE DWV, ABS OR CAST-IRON WHERE REQUIRED BY CODE.		13.	A REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER (RPZ) SHALL BE INSTALLED AT THE INLET TO THE WATER FILTRATION SYSTEM. ALL PIPING DOWNSTREAM OF THE RPZ SHALL BE COPPER OR CROSS-LINKED POLYETHYLENE (PEX).																			
3.	ALL HORIZONTAL SANITARY PIPE SHALL BE INSTALLED WITH A MINIMUM PITCH AS FOLLOWS:		14.	ALL DEVICES, APPLIANCES, AND APPARATUS INTENDED TO SERVE SOME SPECIAL FUNCTION SHALL BE PROVIDED WITH PROTECTION AGAINST BACKFLOW AND CONTAMINATION OF THE WATER SUPPLY SYSTEM. ALL BACKFLOW PREVENTION DEVICES SHALL BE ASSE LISTED AND APPROVED FOR THE DEVICE OR APPLIANCE THEY SERVE.																			
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4.	CLEANOUTS SHALL BE INSTALLED IN ALL HORIZONTAL DRAINAGE PIPE AND SHALL BE LOCATED NOT MORE THAN 100 FT. APART.		16.	QUARTER-TURN SHUT-OFF VALVES SHALL BE INSTALLED UPSTREAM OF ANY INLINE BACKFLOW PREVENTION DEVICE.																			
5.	CLEANOUTS SHALL BE INSTALLED AT ALL CHANGES OF DIRECTION GREATER THAN 45 DEGREES. WHERE MORE THAN ONE CHANGE OF DIRECTION OCCURS IN A SINGLE PIPE RUN, ONLY ONE (1) CLEANOUT SHALL BE REQUIRED FOR EVERY 40 FEET OF DEVELOPED LENGTH.		17.	ALL VALVES AND BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED WITH FITTINGS THAT FACILITATE REMOVAL IN CASE OF FAILURE.																			
6.	CLEANOUTS SHALL BE INSTALLED ON PIPES PRIOR TO ANY SLAB PENETRATION.		18.	ALL OVERHEAD WATER LINES SHALL BE INSULATED WITH 1" THICK EXTERNAL JACKETED INSULATION AND A MINIMUM INSTALLED R-VALUE OF 3.5.																			
7.	WHERE PIPING IS LOCATED WITHIN WALL CAVITIES, ACCESS TO THE CLEANOUTS SHALL BE PROVIDED.		19.	PRIOR TO BUILDING TURNOVER, THE DOMESTIC WATER SUPPLY SYSTEM SHALL BE PURGED OF DELETERIOUS MATERIAL AND DISINFECTED. DISINFECTION SHALL BE DONE IN ACCORDANCE WITH THE LOCAL HEALTH CODE, PLUMBING CODE OR IN ACCORDANCE WITH AWWA C651 OR AWWA C652.																			
8.	CLEANOUTS ON 6-IN. AND SMALLER PIPES SHALL BE PROVIDED WITH A CLEARANCE OF NOT LESS THAN 18 IN. CLEANOUTS ON 8-IN. AND LARGER PIPE SHALL BE PROVIDED WITH A CLEARANCE OF NOT LESS THAN 36 IN.																						
9.	ALL SUSPENDED SANITARY AND VENT PIPE SHALL BE SUPPORTED AS FOLLOWS:																						
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CAST-IRON (>10 FT. PIPE SECTIONS)	10 FT.	15 FT.																					
10.	ALL PLUMBING FIXTURES SHALL BE VENTED AND THE MAXIMUM DISTANCE FROM THE FIXTURE TRAP TO THE VENT SHALL BE AS FOLLOWS:																						
<table border="1"> <thead> <tr> <th>TRAP SIZE</th><th>SLOPE</th><th>DISTANCE</th></tr> </thead> <tbody> <tr> <td>1 1/4"</td><td>1/4" PER FT.</td><td>2'-6"</td></tr> <tr> <td>1 1/2"</td><td>1/4" PER FT.</td><td>3'-6"</td></tr> <tr> <td>2"</td><td>1/4" PER FT.</td><td>5'-0"</td></tr> <tr> <td>3"</td><td>1/</td></tr></tbody></table>	TRAP SIZE	SLOPE	DISTANCE	1 1/4"	1/4" PER FT.	2'-6"	1 1/2"	1/4" PER FT.	3'-6"	2"	1/4" PER FT.	5'-0"	3"	1/									
TRAP SIZE	SLOPE	DISTANCE																					
1 1/4"	1/4" PER FT.	2'-6"																					
1 1/2"	1/4" PER FT.	3'-6"																					
2"	1/4" PER FT.	5'-0"																					
3"	1/																						

— · — · — · — · —	COLD WATER PIPING
—————	TEMPERED WATER PIPING (110°F)
— · · — · · —	HOT WATER PIPING (140°F)
— · · — · · —	RECIRCULATED HOT WATER PIPING
— · — · — · — · —	OVERHEAD LINES (BY P.C.)
——— SAN ———	UNDERGROUND WASTE PIPING
—————	VENT PIPING
	BALL VALVE
	THERMOSTATIC MIXING VALVE
	FLOOR DRAIN
——— SAN ———	NEW SANITARY SEWER LINE
——— SAN ———	EXISTING SANITARY SEWER LINE
	CONNECT TO EXISTING SANITARY SEWER LINE
——— GW ———	NEW GREASE WASTE LINE
——— GW ———	EXISTING GREASE WASTE LINE
— / — / — / — / —	EXISTING PIPE TO BE REMOVED

ACM	AREA CONSTRUCTION MANAGER
AVB	ATMOSPHERIC VACUUM BREAKER
BSI	BEVERAGE SYSTEM INSTALLER
CO	CLEAN-OUT
DFU	DRAINAGE FIXTURE UNIT(S)
EC	ELECTRICAL CONTRACTOR
FAC	FIRE ALARM CONTRACTOR
FCO	FLOOR CLEAN-OUT
FD	FLOOR DRAIN
FPC	FIRE PROTECTION CONTRACTOR
FS	FLOOR SINK
GC	GENERAL CONTRACTOR
GI	GREASE INTERCEPTOR
GPF	GALLONS PER FLUSH
GPM	GALLONS PER MINUTE
GW	GREASE WASTE
HS	HAND SINK
I.P.S.	IRON PIPE SIZE (ALSO NPS)
KEI	KITCHEN EQUIPMENT INSTALLER
KES	KITCHEN EQUIPMENT SUPPLIER
LAV	LAVATORY
MC	MECHANICAL CONTRACTOR
MHT	MALE HOSE THREADS
MS	MOP SINK
NPS	NATIONAL PIPE THREAD STANDARD
NPT	NATIONAL PIPE THREAD TAPERED
O/O	OWNER/OPERATOR
OH	OVERHEAD
P	PUMP
PC	PLUMBING CONTRACTOR
RC	REFRIGERATION CONTRACTOR
RPZ	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER
SS	SANITARY SEWER
ST	STORM SEWER
SVB	ANTI-SIPHON, SPILL RESISTANT VACUUM BREAKER
TAB	TEST AND BALANCE CONTRACTOR
UG	UNDERGROUND
UR	URINAL
V	VENT
WC	WATER CLOSET
WCO	WALL CLEAN-OUT
WSFU	WATER SUPPLY FIXTURE UNIT(S)

SHEET NO.	TITLE	DRAWN BY CM	STD ISSUE DATE NOV 2016	REVIEWED BY ACCOM TEAM	DATE ISSUED 03/23/2018	PREPARED FOR:	© 2017 McDonald's USA, LLC	PREPARED BY:	DATE:	REV	DATE	DESCRIPTION	BY					
						 McDonald's USA, LLC	URS Corporation architects - engineers - planners 1255 Broad Street, Suite 201 Clifton, NJ 07013-3988 973.883.8668 fax 973.883.8501 http://www.urscorp.com											
P0.0	MRP CORE 16 2.0 EXTERIOR					These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without written authorization. In the event that any portion of these drawings are used for a project not intended by McDonald's USA, LLC, the user assumes all liability for any and all claims, damages, losses, and expenses, including reasonable attorneys' fees, that may be incurred by McDonald's USA, LLC as a result of such unauthorized use. Use of these drawings for any other project without the written consent of McDonald's USA, LLC is strictly prohibited. The contract documents for reuse on another project is not authorized.												
						043-0116												
						NOTES AND LEGEND												
						SITE ID	SITE ADDRESS											
						043-0116	3890 S. 1100 EAST											

MOP SINK
SCALE: $\frac{1}{2}"=1'-0"$

COORDINATION SCHEDULE					
GENERAL REQUIREMENTS	FURNISH	INSTALL	FINAL CONNECTION	NOTES	
PLUMBING PERMIT	PC			1-3	
CONTRACTOR COORDINATION REQUIREMENTS					
PLUMBING SYSTEMS					
WATER HEATERS	PC	PC	PC	1-3, 11-12, 13	
HOT AND COLD WATER PIPE	PC	PC	PC	1-3, 13	
VENTS AND INTAKES	PC	PC	PC	1-3, 13	
THERMOSTATIC MIXING VALVE	PC	PC	PC	1-3, 13	
POWER AND CONTROL WIRING	EC	EC	EC	1-3, 13-14	
KITCHEN EQUIPMENT					
ICE MACHINES	KES	KEI		1-3, 17	
WATER SUPPLY PIPING	KES	KEI	BSI	1-3, 17	
REMOTE CONDENSING UNITS	KES	MC		1-3, 12, 17	
ROOF CURBS	MC	MC		1-3, 12, 17	
REFRIGERANT PIPING	KES	MC	MC	1-3, 12, 17	
POWER WIRING	EC	EC	EC	1-3, 12, 14, 17	
CONTROL WIRING	KES	EC	EC	1-3, 14, 17	
PIPE PORTALS	MC	MC		1-3, 12	
GRILLS	KES	KES		1-3, 17	
GAS PIPING (IF APPLICABLE)	PC	PC	PC	1-3, 13, 17	
POWER WIRING	EC	EC	EC	1-3, 14, 17	
CONTROL CABLE (6' CLAMSHELL ONLY)	MC	EC	EC	1-3, 13, 14, 17	
FRYERS	KES	KES		1-3, 17	
GAS PIPING (IF APPLICABLE)	PC	PC	PC	1-3, 13, 17	
POWER WIRING	EC	EC	EC	1-3, 14, 17	
3-COMPARTMENT SINK	KES	KES		1-3, 12, 17	
FAUCETS AND PRE-RINSE SPRAYER	KES	KES		1-3, 17	
WATER SUPPLY PIPING	PC	PC	PC	1-3, 13, 17	
SANITARY DRAIN PIPING	PC	PC	PC	1-3, 13, 17	
HAND SINKS	PC	PC		1-3, 13, 17	
FAUCET	PC	PC		1-3, 13, 17	
WATER SUPPLY PIPING	PC	PC	PC	1-3, 13, 17	
SANITARY DRAIN PIPING	PC	PC	PC	1-3, 13, 17	
VEGETABLE SINK	KES	KES		1-3, 13, 17	
FAUCET	KES	KES		1-3, 13, 17	
WATER SUPPLY PIPING	PC	PC	PC	1-3, 13, 17	
SANITARY DRAIN PIPING	PC	PC	PC	1-3, 13, 17	
WASHING MACHINE	KES	KES		1-3, 13, 17	
WATER SUPPLY PIPING	PC	PC	PC	1-3, 13, 17	
SANITARY DRAIN PIPING	PC	PC	PC	1-3, 13, 17	
WARE WASHER	KES	KES		1-3, 13, 17	
WATER SUPPLY PIPING	PC	PC	PC	1-3, 13, 17	
SANITARY DRAIN PIPING	PC	PC	PC	1-3, 13, 17	
MISCELLANEOUS ITEMS					
APPLIANCE BACKFLOW PREVENTION	KES/BSI	PC	PC	1-3, 13, 17	

NOTES:

- THIS SCHEDULE IS INTENDED AS A GUIDE FOR THE WORK TO BE PERFORMED. ALL WORK SHALL BE COORDINATED BETWEEN THE McDonald's AREA CONSTRUCTION MANAGER AND ALL GC AND O/O SUBCONTRACTORS.
- ONE (1) COPY OF THE DECOR PACKAGE DRAWINGS SHALL BE SUPPLIED TO THE GENERAL CONTRACTOR AND EACH OF THE SUBCONTRACTORS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE SUBCONTRACTORS TO INSURE THAT THEY HAVE RECEIVED THE DECOR PACKAGE DRAWINGS.
- FOR ANY WORK NOT CLARIFIED IN THIS SCHEDULE OR IN THE NOTES AND SPECIFICATIONS, PLEASE CONSULT THE McDonald's AREA CONSTRUCTION MANAGER FOR SCOPE OF WORK.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.
- SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- NOT USED.
- NOT USED.
- SEE KITCHEN DRAWINGS FOR ADDITIONAL INFORMATION.

VALVE SCHEDULE				
MANUFACTURER	MODEL	TEMP. SETTING	LISTING	SERVES
WATTS	LFMMV	104°F	ASSE 1017,1069,1070	LAVS & HAND SINKS MIXING
NIBCO	S-FP-600A-LF	-	-	RESTROOM SHUT-OFF

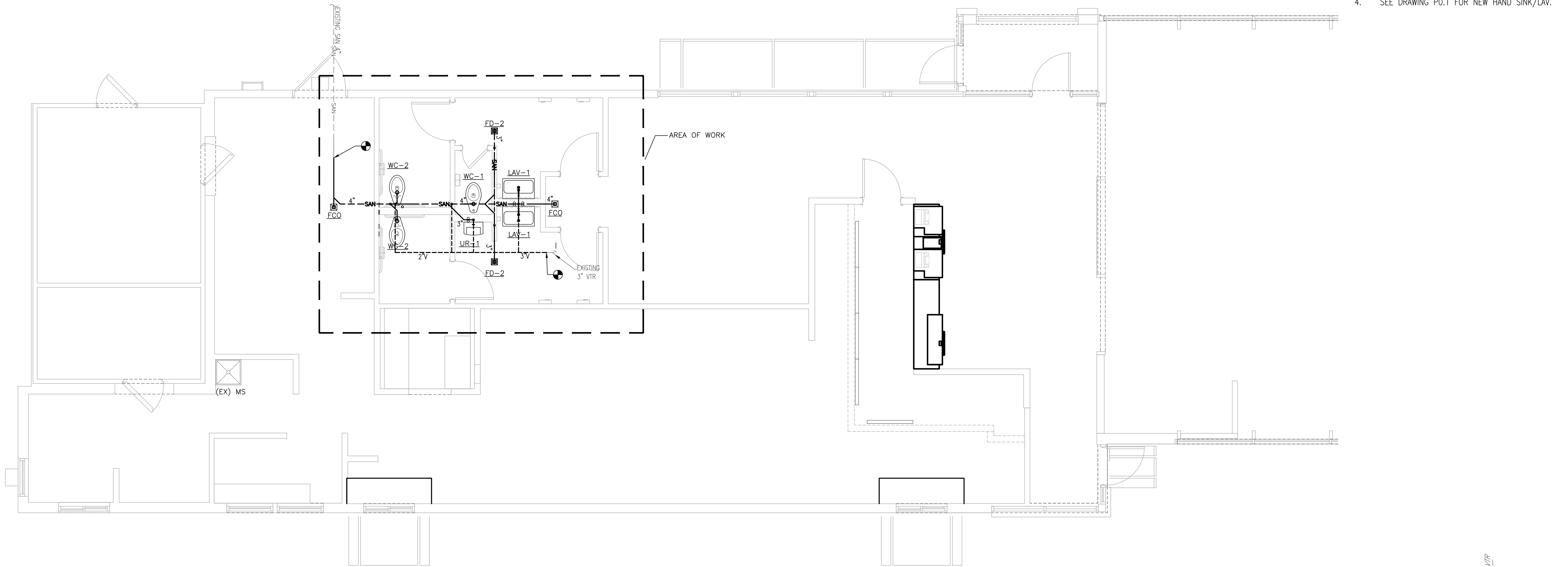
TAG	DESCRIPTION	MANUFACTURER	MODEL	WATER USE	ACCESSORIES/COMMENTS
F-1	FAUCET FOR LAV-1	TOTO	TEL101-D10E#C	1.0 GPM 0.17 GAL/10 SEC CYCLE)	FAUCET OPERATION: SENSOR
FC0	6x6 FLOOR CLEAN OUT	ZURN JAY R. SMITH	Z1400-SZ 4040		SEE DRAWINGS FOR PIPE SIZES SEE NOTE 8
FD-2	6x6 FLOOR DRAIN	ZURN JAY R. SMITH	Z415-SZ 2005		PIPE SIZE: 3" STRAINER SIZE: 6" NICKEL BRONZE FUNNEL: NONE SEE NOTE 8
LAV-1	LAVATORY	NAMEEKS NAMEEKS	CERASTYLE 08000-U SCARABEO 5116		FAUCET: F-1 ONE FOR CERASTYLE (SINGLE SINK), TWO FOR SCARABEO 5116 (DOUBLE SINK) SEE NOTE 10 SEE DETAIL 1 ON P0.1
UR-1	ADA WALL-HUNG URINAL	TOTO ZURN -	UT445U#01 Z5755 -	0.5 GPF	FLUSH VALVE: TOTO TEU1LA12#CP ZURN ZTR6203-ULF-LL 3/4" I.P.S., 1" TOP SPUD FLUSH VALVE OPERATION: SENSOR SEE NOTE 2
WC-1	WATER CLOSET	TOTO ZURN -	CT705EN#01 Z5655 -	1.28 GPF	FLUSH VALVE: TOTO TET1LA32#CP ZURN ZTR6200EV-LL 1" I.P.S., 1 1/2" TOP SPUD FLUSH VALVE OPERATION: SENSOR SEAT: BEMIS MODEL 2155CT
WC-2	ADA WATER CLOSET	TOTO ZURN -	CT705ELN#01 Z5665 -	1.28 GPF	FLUSH VALVE: TOTO TET1LA32#CP ZURN ZTR6200EV-LL 1" I.P.S., 1 1/2" TOP SPUD FLUSH VALVE OPERATION: SENSOR SEAT: BEMIS MODEL 2155CT

NOTES:
1. SEE McDONALD'S PROJECT MANUAL FOR ADDITIONAL MANUFACTURERS
2. PLUMBING CONTRACTOR SHALL COORDINATE WITH G.C. TO PROVIDE BLOCKING FOR PROPER URINAL SUPPORT
3. PLUMBING CONTRACTOR SHALL COORDINATE WITH G.C. TO PROVIDE INTERIOR BLOCKING ON W/W BUILDING FOR WALL CLAMP
4. YARD HYDRANT IS FOR TRASH CORRAL - SEE SITE PLAN FOR LOCATION
5. PLUMBING CONTRACTOR SHALL ROUTE 1/2" DRAIN PIPE FROM HOSE BIBB TO NEAREST FLOOR DRAIN OR FLOOR SINK
6. PLUMBING CONTRACTOR SHALL COORDINATE WITH G.C. TO PROVIDE BLOCKING FOR PROPER SINK SUPPORT
7. SEE KITCHEN DRAWINGS FOR ADDITIONAL INFORMATION - PLUMBING CONTRACTOR SHALL COORDINATE INSTALLATION WITH K.E.S.
8. PLUMBING CONTRACTOR SHALL SPECIFY CONNECTION MATERIAL/TYPE WHEN ORDERING
9. PLUMBING CONTRACTOR SHALL SPECIFY BURY DEPTH WHEN ORDERING
10. PLUMBING CONTRACTOR SHALL PROVIDE GRID DRAIN, P-TRAP AND VALVE STOPS FOR ALL SINKS & LAVS

TO ORDER PLUMBING FIXTURES, CONTACT HD SUPPLY:
PHONE: (866) 310-3576
E-MAIL: MCDCOORD@HDSUPPLY.COM

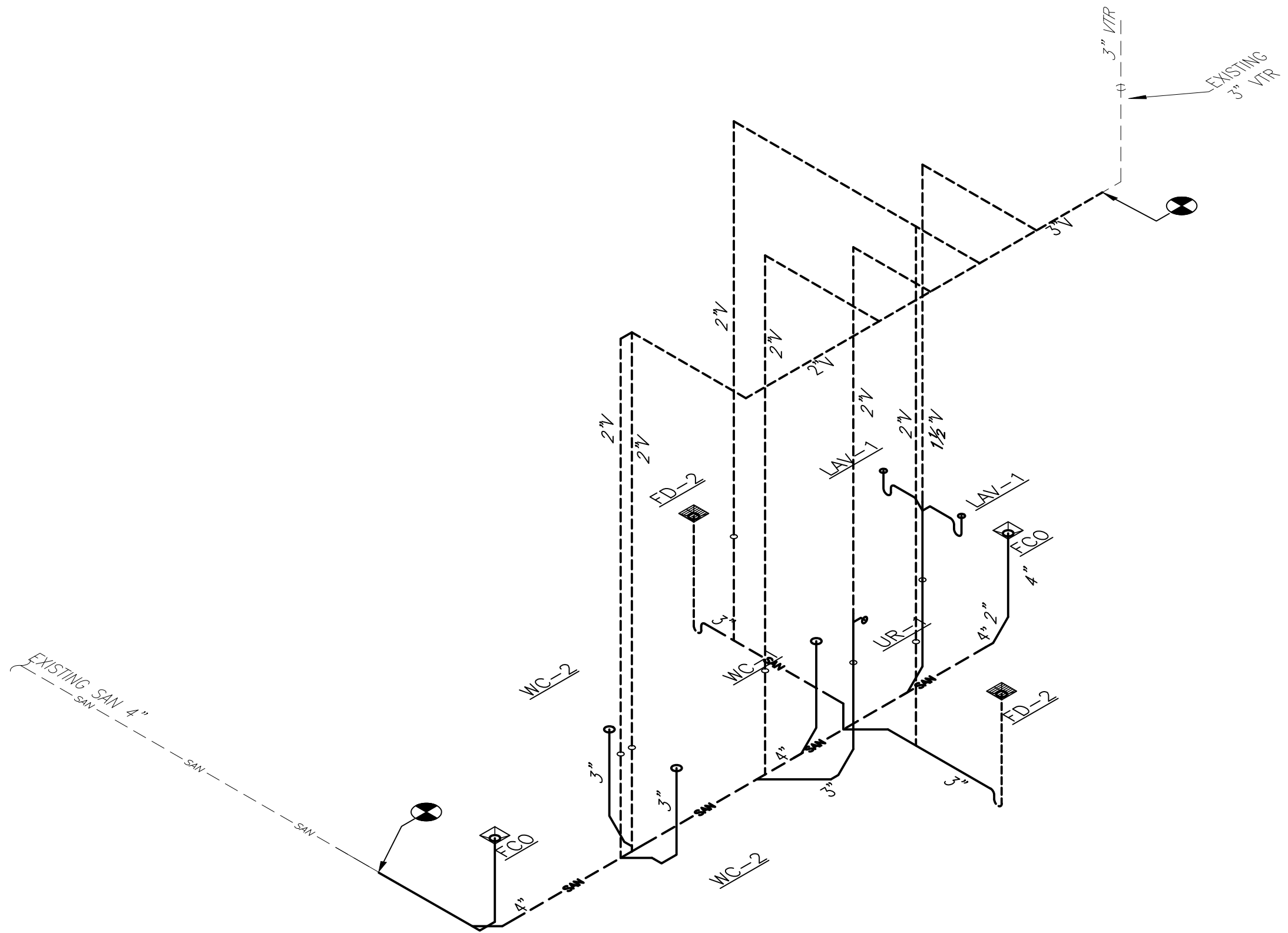
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1 WASTE AND VENT PIPING PLAN
P1.0 SCALE: 1/4" = 1'-0"

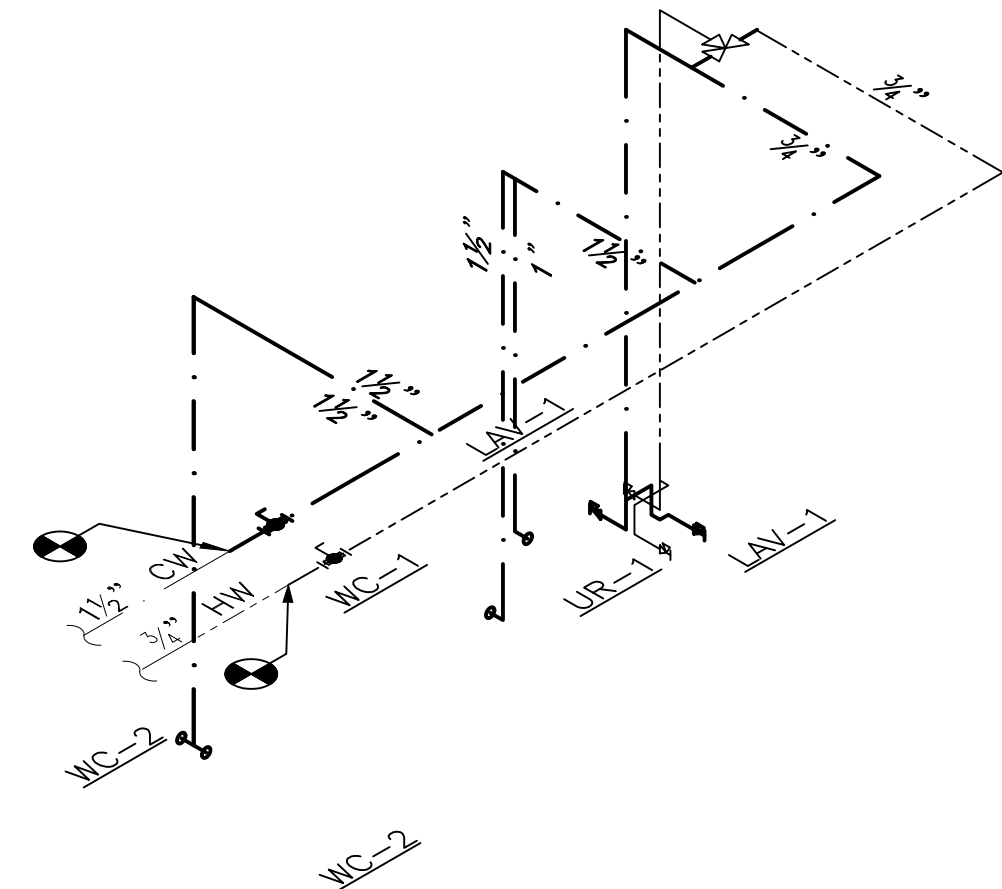


- NOTES:
1. CONNECT EXISTING VENT & SANITARY PIPING TO EXISTING VENT AND SANITARY PIPING VERIFY EXACT PIPING LOCATION IN FIELD.
 2. PROVIDE TRAPS FOR ALL PLUMBING FIXTURES AND DRAINS.
 3. PROVIDE PROSET TRAP GUARD® OR TRAP PRIMER FOR FLOOR DRAINS.
 4. SEE DRAWING PD.1 FOR NEW HAND SINK/LAV.

2 WASTE AND VENT ISOMETRIC
P1.0 NOT TO SCALE



SHEET NO.	TITLE		DRAWN BY CM	STD ISSUE DATE NOV 2016	REVIEWED BY AECOM TEAM	DATE ISSUED 03/23/2018	SALT LAKE CITY, UT 84115	PREPARED FOR:				PREPARED BY:				DATE:				REV	DATE	DESCRIPTION	BY				
	MRP CORE 16 2.0 EXTERIOR							© 2017 McDonald's USA, LLC				URS Corporation															
	DESCRIPTION							These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without written authorization. The contract documents were prepared by McDonald's USA, LLC and shall not be used for any other project without the written consent of McDonald's USA, LLC. Use of these drawings for reference or example on another project requires the written consent of McDonald's USA, LLC. The contract documents for reuse on another project is not authorized.				architects - engineers - planners															
	PLUMBING WASTE & VENT PIPING											1255 Broad Street, Suite 201															
	SHEET ADDRESS											Clifton, NJ 07013-3988															
SITE ID		SITE ADDRESS		043-0116		3890 S. 1100 EAST		973.883.8668 fax 973.883.8501				http://www.urscorp.com															
P1.0																											
WASTE AND VENT																											

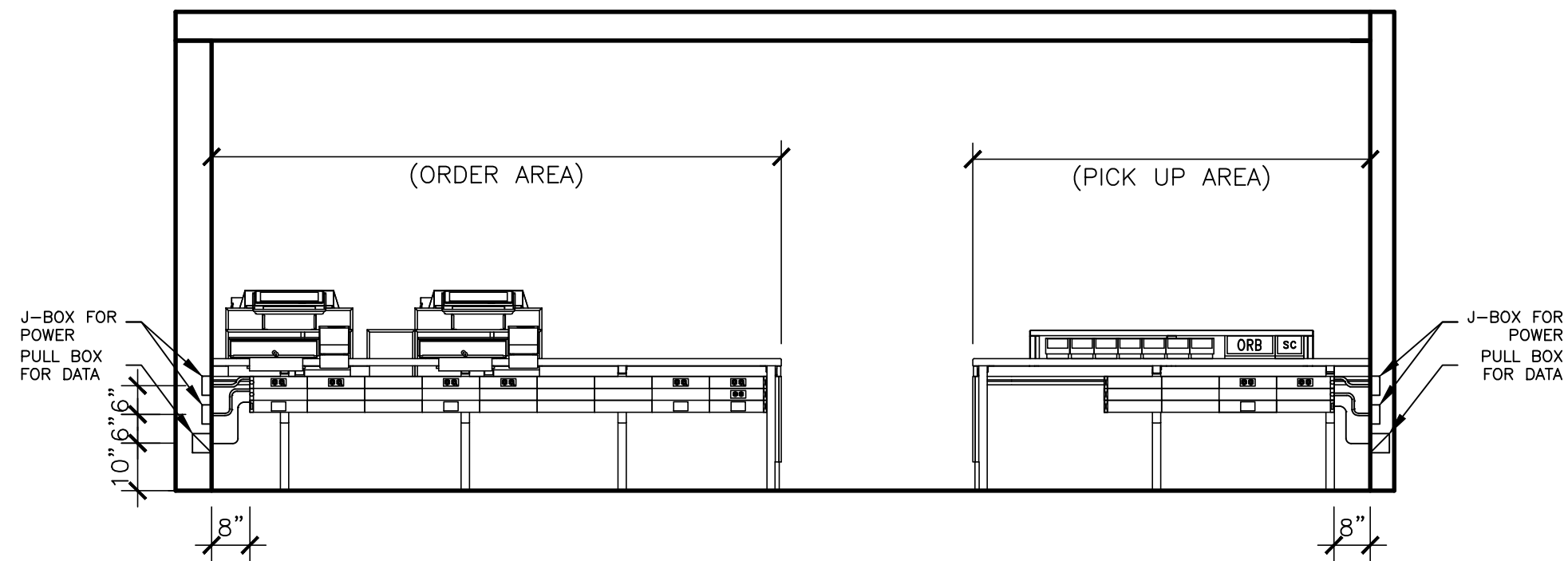


NOTES:

1. VERIFY EXACT PIPING LOCATION IN FIELD.
2. MIXING VALVE LOCATIONS SHOWN FOR INFORMATIONAL PURPOSES. SEE DETAIL 2 ON DRAWING P0.1 FOR MIXING VALVE INSTALLATION DETAILS.

2 DOMESTIC WATER ISOMETRIC

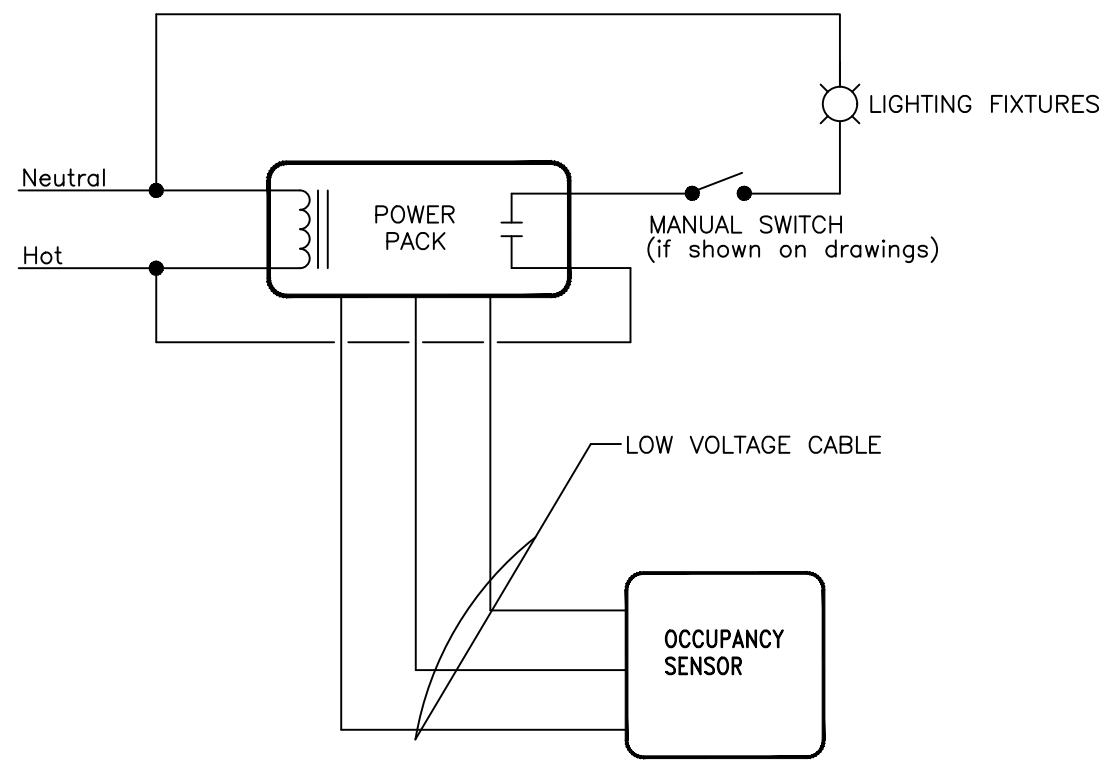
SHEET NO.	TITLE	DRAWN BY CM	STD ISSUE DATE NOV 2016	REVIEWED BY ACCOM TEAM	DATE ISSUED 03/23/2018	043-0116 DOMESTIC WATER	MRP CORE 16 2.0 EXTERIOR DESCRIPTION PLUMBING DOMESTIC WATER PLAN	SITE ID 043-0116	SITE ADDRESS 3890 S. 1100 EAST	SALT LAKE CITY, UT 84115	PREPARED FOR:  McDonald's USA, LLC © 2017 McDonald's USA, LLC	PREPARED BY: URS Corporation architects - engineers - planners 1255 Broad Street, Suite 201 Clifton, NJ 07013-3988 973.883.8668 fax 973.883.8501 http://www.urscorp.com	DATE:	REV	DATE	DESCRIPTION	BY



SYMBOL	CATALOG #	DESCRIPTION	QUANTITY
	HBLALU57DR & IG4700	RECEPTACLE COVERPLATE WITH ORANGE, TWIST LOCK, ISOLATED GROUND DUPLEX RECEPTACLE	1 PER ISOLATED GROUND RECEPTACLE
	HBLALU57DR & 5-15R	RECEPTACLE COVERPLATE WITH STRAIGHT BLADE DUPLEX RECEPTACLE	1
	HBLALU57LPB	COMMUNICATIONS COVERPLATE	1 PER REGISTER & 1 FOR DUAL POINT & 1 FOR ANALOG WIRELESS OPTION
	HBLALU57BL	BLANK COVERPLATE	AS NECESSARY TO FILL RACEWAY
	HBLALU7620B03M290	3' SECTION OF RACEWAY, INCLUDES COUPLERS	AS NECESSARY TO MAKE ORDER COUNTER RACEWAY 1' LESS THEN COUNTER LENGTH. INSTALL (2) 2' OR 3' RACEWAY AT PICKUP
	HBLALU7620B02M290	2' SECTION OF RACEWAY, INCLUDES COUPLERS	AS NECESSARY TO MAKE ORDER COUNTER RACEWAY 1' LESS THEN COUNTER LENGTH. INSTALL (2) 2' OR 3' RACEWAY AT PICKUP
	HBLALU7610B	BLANK END FITTING	AS NEEDED
	HBLALU5010B2M2	SERVICE ENTRANCE FITTING & BUSHING FOR DATA CABLES	AS NEEDED
N/A	HBLALU5701	COUPLER (INCLUDED WITH RACEWAY SECTION)	RECEIVE 1 PAIR PER RACEWAY SECTION
N/A	HBLALU5709	GROUND ADAPTER	AS NEEDED

NOTES:
1. RACEWAY AND ISOLATED GROUND RECEPTACLES TO BE PROVIDED WITH MODULAR FRONT COUNTER, INSTALLED BY CONTRACTOR.
2. DETAIL SHOWN IS A TYPICAL CONFIGURATION ONLY. SITE SPECIFICS MIGHT CAUSE DEVIATIONS. SHORTER COUNTERS MAY REQUIRE CONTRACTOR TO CUT RACEWAY FOR RACEWAY TO BE 1' SHORTER THAN COUNTER.

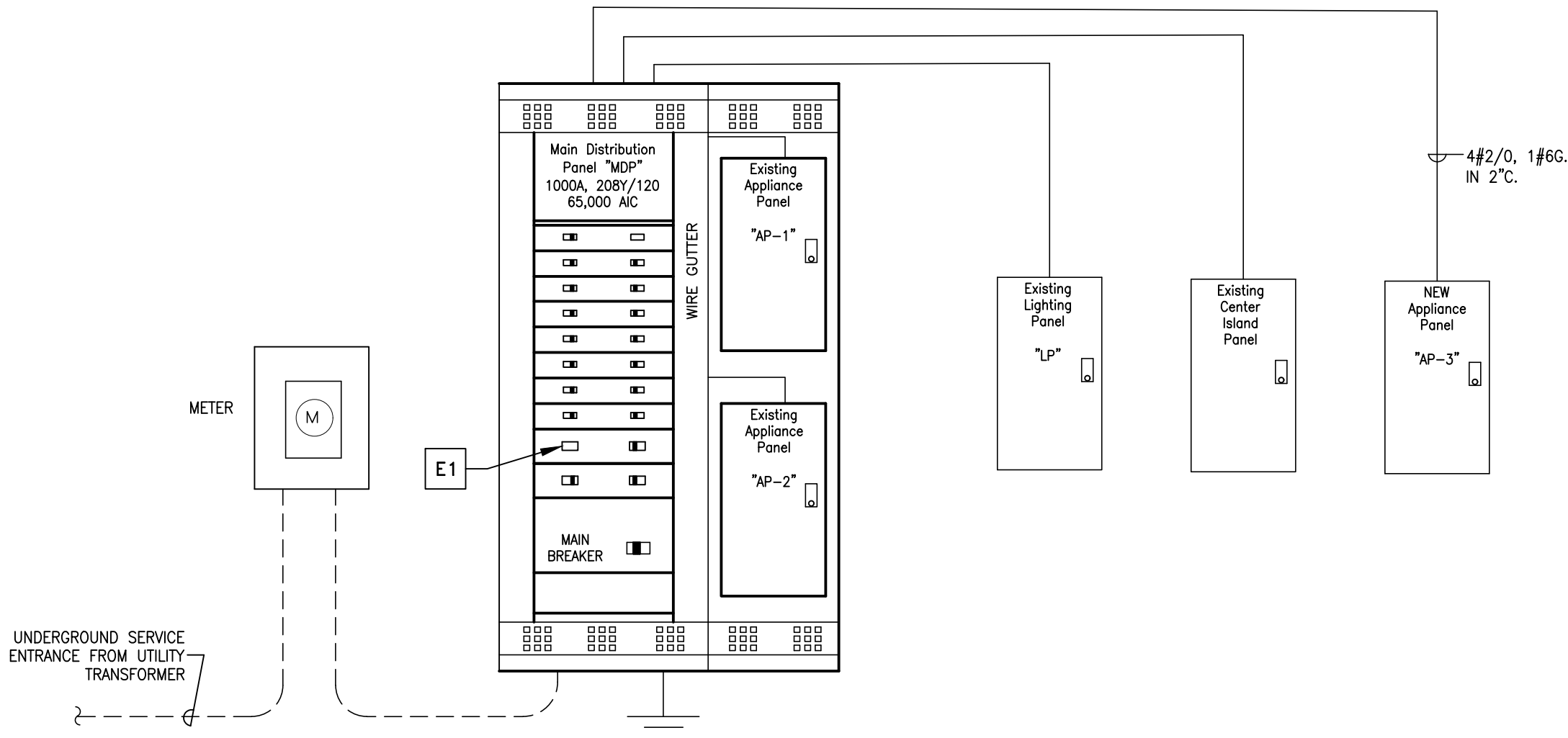
1 MODULAR COUNTER RACEWAY (TYP.)
E1.1 NOT TO SCALE



NOTES:
1. REFER TO LIGHTING PLAN FOR OCCUPANCY SENSOR LOCATIONS AND QUANTITIES.

2 OCCUPANCY SENSOR CONTROL DETAIL
E1.1 NOT TO SCALE

SINGLE LINE RISER DIAGRAM



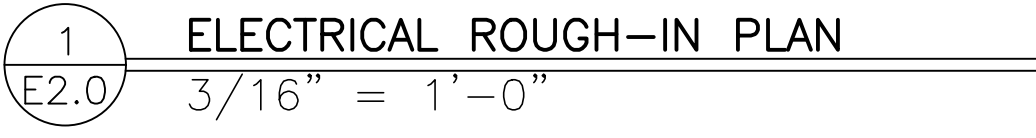
GENERAL NOTES:

- CONTRACTOR SHALL REVIEW EXISTING PANEL CONNECTIONS AND LOADS FOR EXISTING CIRCUITS TO CONNECT NEW INTERIOR AND EXTERIOR LIGHTING, SIGNS AND APPLIANCES.
- CONTRACTOR SHALL CONFIRM SIZE OF SERVICE AND SIZE OF MAIN BREAKER FEEDING MAIN DISTRIBUTION PANEL. IF SERVICE NEEDS TO BE UPSIZED, CONTRACTOR SHALL CONTACT MCDONALD'S ACM. IF MAIN CIRCUIT BREAKER UPGRADE IS REQUIRED, WIRE AND CONDUIT SIZES FOR MAIN CIRCUIT BREAKER SHALL BE SIZED AS PER NEC AND VOLTAGE DROP REQUIREMENTS.
- CONTRACTOR SHALL VERIFY EXISTING SPARE BREAKER SIZES IN FIELD AND REUSE ANY AVAILABLE SPARE BREAKER. IF UNAVAILABLE, CONTRACTOR SHALL PROVIDE NEW. PROVIDE WIRING AND CONDUIT AS INDICATED ON PLANS AND ELECTRICAL EQUIPMENT SCHEDULE FOR NEW EQUIPMENT.
- REPLACEMENT OR ADDITIONS OF CIRCUIT BREAKER SHALL BE OF THE SAME MANUFACTURE, TYPE, AND SHORT CIRCUIT RATING.
- ELECTRICAL CONTRACTOR SHALL UPDATE PANEL DIRECTORIES TO REFLECT NEW LOAD ADDED AND/OR CHANGE.
- REFER TO ELECTRICAL FLOOR PLAN ON E2.0 FOR ELECTRICAL PANEL LOCATIONS.

KEY NOTE

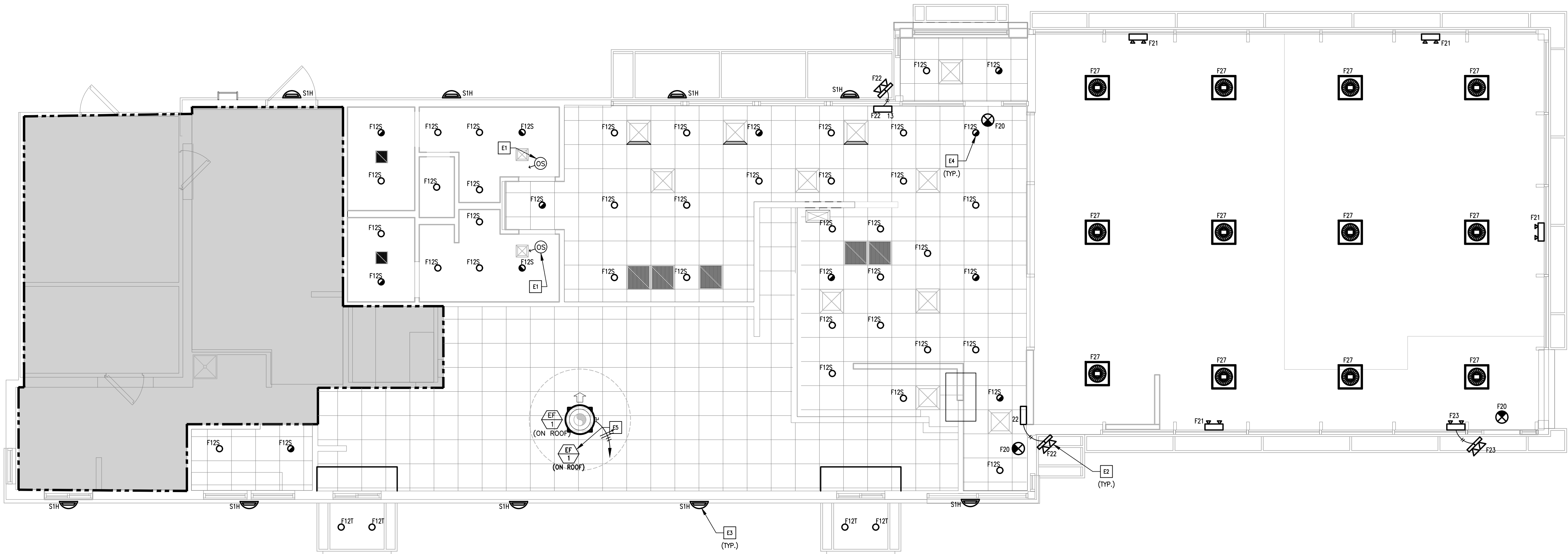
E1 ELECTRICAL CONTRACTOR SHALL INSTALL NEW 150A-3P BREAKER WITH SHUNT TRIP IN DISTRIBUTION PANEL "MDP" FOR NEW APPLIANCE PANEL "AP-3". LOCATION OF AP-3 SHALL BE COORDINATED WITH MCDONALD'S ACM. PROVIDE WIRING AND CONDUIT AS INDICATED IN SINGLE LINE DIAGRAM.

SHEET NO.	TITLE	DRAWN BY	DATE	REV	DATE	DESCRIPTION	BY
043-0116	MRP CORE 16 2.0 EXTERIOR	RS	NOV 2016			ELECTRICAL SINGLE LINE AND DETAILS	
043-0116	MRP CORE 16 2.0 EXTERIOR	RS	NOV 2016			ELECTRICAL SINGLE LINE AND DETAILS	
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- KEY NOTE**
- E1** ELECTRICAL CONTRACTOR SHALL CONNECT HAND DRYERS TO EXISTING HAND DRYERS CIRCUITS VIA 2#12 & 1#12G IN 1/2" C. HAND DRYER CIRCUITS SHALL BE CAPABLE OF BEING LOCKED IN THE OPEN POSITION TO SERVE AS THE DISCONNECTING MEANS AS PER NEC 422.31.

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E2.1 ELECTRICAL LIGHTING PLAN
3/16" = 1'-0"

KEY	
	DENOTES FIXTURE TYPE
	DENOTES CIRCUIT NUMBER
	LIGHTING FIXTURES SHOWN HALF SHADED SHALL BE WIRED TO THE NIGHT LIGHTING CIRCUIT AND PROVIDED WITH A BATTERY TYPE EMERGENCY BALLAST. SEE NOTE E1.3 ON THIS SHEET. COORDINATE LOCATION WITH DECOR.

LIGHTING FIXTURE SCHEDULE:

MARK	SYMBOL	DESCRIPTION	DIFFUSER	LAMPS		BALLAST	MOUNTING	MANUFACTURER AND CATALOG NUMBER
				WATTS	TYPE			
F12S		6" LED DOWN LIGHT	—	12W	LED	—	RECESSED	SECURITY LIGHTING # LB6LED10L-35K-9-SA/DBXQL
F12SA		6" LED ADJUSTABLE DOWN LIGHT (WALL WASH)	—	12W	LED	—	RECESSED	SECURITY LIGHTING # LB6LED10L-35K-9-WW-SA/DBXQL
F12T		6" LED DOWN LIGHT — SHALLOW HOUSING	—	12W	LED	—	RECESSED	SECURITY LIGHTING #LB6LED10L-50K-9-WH/BXS
F20		EXIT SIGN WITH BATTERY BACKUP	—	1.8W	LED	—	SURFACE	SECURITY LIGHTING: PRB. SEE NOTE LS1 ON THIS SHEET.
F21		2 HEADED EMERGENCY BATTERY LIGHT	—	—	LED	—	SURFACE TO WALL OR CEILING	SECURITY LTG. #EV4D
F22		EMERG BATTERY & 2 REMOTE HEADS	—	—	LED	—	SURFACE TO WALL OR SOFFIT	SECURITY LTG. #EV4D-02L-0/EV0DB
F23		2 HEADED EMERG LIGHT & 2 REMOTE HEAD IF REQ'D	—	—	LED	—	SURFACE TO WALL OR SOFFIT	SECURITY LTG. #EV4D/EV0DB
F27A		LED Highbay	TEMPERED GLASS	139	LED	—	PLAYPLACE	SECURITY LIGHTING # SLHBL-60L-U-A-4K-N-070-WH-WP
S1H		"DOWN ONLY" RADIAL WALL SCONCE	TEMPERED GLASS	(1)-14W	LED	—	SURFACE TO WALL	SECURITY LIGHTING: #RWSC-36L-5K-DO-U-PS
LED4D-HE		DOWN ONLY ACCENT LIGHTING (SEE PLAN)	TEMPERED GLASS	1-19W PER FIXTURE	LED	—	SURFACE	SECURITY LIGHTING: HIRAF-HE-LED-48-DO-U-PS CUSTOM BUILT FOR EXTERIOR ACCENT CHANNELS. ORDER THESE NEW FIXTURES EARLY BECAUSE OF LONGER LEAD TIMES.

GENERAL NOTES:

LIGHTING

- ALL LIGHT FIXTURES SHALL BE 120 VOLT UNLESS NOTED OTHERWISE.
- LIGHTING FIXTURES AND LAMPS HAVE BEEN CHOSEN TO ACHIEVE MAXIMUM ENERGY CONSERVATION WHILE MAINTAINING ADEQUATE LEVEL OF ILLUMINATION. LAMP SPECIFICATIONS SHALL BE STRICTLY FOLLOWED. ANY DEVIATION FROM LAMP SPECIFICATIONS SHALL BE APPROVED IN WRITING BY McDONALD'S CORPORATION.
- EC SHALL FIELD VERIFY THAT ALL LIGHT FIXTURES SHOWN ON THIS PLAN DO NOT OBSTRUCT OR CONFLICT WITH THE WORK OF OTHER TRADES. IF A DISCREPANCY IS FOUND, THE EC SHALL IMMEDIATELY NOTIFY THE GC BEFORE THE INSTALLATION OF SUCH FIXTURE(S).
- EC SHALL CONNECT ALL LIGHTING CIRCUITS TO LIGHTING CONTROL PANEL OR ENERGY MANAGEMENT SYSTEM. ADDITIONAL CIRCUITS SHALL BE ADDED TO SPARE SLOTS IN LIGHTING CONTROL PANEL. IF NO SPARE SLOTS ARE AVAILABLE, EC SHALL COORDINATE INSTALLATION OF NEW LIGHTING CONTROL PANEL WITH McDONALD'S ACM.

INSTALLATION METHODS

- THE USE OF "MC" CABLE IN LENGTHS OF 6 FEET OR LESS (WHERE PERMITTED BY LOCAL CODES) SHALL BE ALLOWED FOR WIRING TO THE LIGHTING FIXTURES. "ROMEX" OR "BX" SHALL NOT BE USED.
- IF PC-POS CASH REGISTER SYSTEM IS INSTALLED, EC SHALL RELOCATE FIXTURES ABOVE FRONT COUNTER TO AVOID GLARE ON THE CASH REGISTER SCREENS. EC SHALL INSTALL CABLE WHIP TO FIXTURES SO THAT FIXTURE MAY BE RELOCATED FOUR FEET WITHOUT DISCONNECTING CABLE WHIP.

LIGHTING SCHEDULE NOTES:

- LS1. ORDER LED EXIT SIGNS WITH LETTER COLORS THAT COMPLY WITH LOCAL CODES FROM SECURITY LIGHTING.
- FOR RED LETTERS USE #PRB (UNIVERSAL),
 - FOR GREEN LETTERS USE #PGB (UNIVERSAL), OR
 - IF THE ABOVE EXIT SIGNS DO NOT COMPLY WITH LOCAL CODES USE: LED SIGN WITH BATTERY BACKUP, LETTER SIZE, COLOR, TYPE & DIRECTIONAL ARROWS AS REQUIRED BY THE LOCAL AUTHORITIES.

GENERAL NOTES

- ELECTRICAL CONTRACTOR SHALL REVIEW PANEL CONNECTIONS FOR EXISTING CIRCUITS TO CONNECT NEW INTERIOR AND EXTERIOR LIGHTING, SIGNS AND APPLIANCES. EXTEND EXISTING CIRCUITS FOR RELOCATED EQUIPMENT.
- FOR SYMBOLS AND LEGENDS, SEE DRAWING E2.0.
- REUSE EXISTING CIRCUITS FOR ALL NEW LIGHTING AND SIGNS.

KEY NOTES

- E1 PROVIDE CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR. REFER TO OCCUPANCY DETAIL ON SHEET E1.1. ORDER ALL OCCUPANCY SENSORS FROM SECURITY LIGHTING SYSTEMS, INC.
- E2 EC SHALL INSTALL AND CONFIGURE REMOTE EMERGENCY LIGHTING AT ALL EGRESS EXTERIOR DOORS FOR MAXIMUM ILLUMINATION AT POINTS OF EGRESS. INSTALL WP J-BOX WITHIN SOFFIT TO ALLOW A FLUSH INSTALLATION OF ANY EXTERIOR EMERGENCY EGRESS LIGHTING (TYPICAL).
- E3 RADIAL WALL SCONCE. SEE ARCHITECTURAL ELEVATIONS ON SHEETS A2.0 & A2.1.
- E4 ALL FIXTURES DENOTED AS NIGHT LIGHTING FIXTURES SHALL BE PROVIDED WITH A BATTERY INVERTER EMERGENCY TYPE BALLAST. EMERGENCY BALLAST SHALL BE A TWO LAMP TYPE OF 600-700 INITIAL LUMEN RATED (MINIMUM) TO ILLUMINATE FIXTURE IN THE EVENT OF A POWER FAILURE. BALLAST BATTERY SHALL MAINTAIN 87.5% OF THE NOMINAL BATTERY VOLTAGE AFTER 1.5 HOURS TO COMPLY WITH NEC SECTION 700 AND UL924. LED FIXTURES DENOTED AS NIGHT LIGHTING SHALL BE PROVIDED WITH DUAL LITE LIGHTING INVERTER MODEL # LG1-T. INVERTER SHALL BE CAPABLE OF ILLUMINATING FIXTURE FOR 1.5 HOURS TO COMPLY WITH NEC SECTION 700 AND UL924. E.C. SHALL NOT INSTALL MORE THEN FOUR FIXTURES TO EACH INVERTER. PROVIDE ADDITIONAL INVERTERS AS NECESSARY.
- E5 PROVIDE POWER FOR NEW KITCHEN EXHAUST FAN. EXHAUST FAN TO REPLACE EXISTING EF-1, VERIFY EXISTING CIRCUIT IN FIELD AND REUSE EXISTING CIRCUIT. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

PROJECT DEMOLITION NOTES:

THE FOLLOWING PROVIDES A GENERAL SCOPE OF WORK FOR THE ELECTRICAL CONTRACTOR FOR THE DEMOLITION REQUIREMENTS OF THIS SITE. THIS SECTION IS NOT ALL INCLUSIVE, AND THE CONTRACTOR SHALL VISIT THE SITE AND COMPARE EXISTING CONDITIONS TO THE REQUIREMENTS DENOTED ON THE CONSTRUCTION DOCUMENTS TO DETERMINE THE EXACT EXTENT OF THE DEMOLITION WORK REQUIRED. E.C. SHALL PROVIDE ALL DEMOLITION WORK REQUIRED IN ORDER TO ALLOW FOR THE COMPLETE INSTALLATION AS DENOTED WITHIN THESE DRAWINGS.

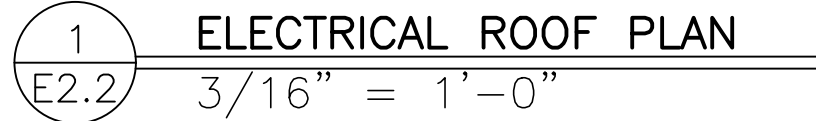
OUTDOOR BUILDING LIGHTING/POWER

- THE ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL OF THE EXTERIOR ILLUMINATED ROOF BEAMS FROM THE BUILDING. REMOVE ALL FIXTURES, WIRING, WHIPS, AND CONDUIT TO ALLOW FOR THE NEW FACADE INSTALLATION AS DENOTED ON THE PLANS. COORDINATE ALL WORK WITH OTHER TRADES AND WITH THE PROJECT MANAGER.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE SALVAGE REQUIREMENTS FOR ALL EQUIPMENT REMOVED AS PART OF THE DEMOLITION WORK WITH THE CONSTRUCTION PROJECT MANAGER. ALL EQUIPMENT TO BE SALVAGED AND/OR REUSED SHALL BE PROTECTED FROM DAMAGE UNTIL REINSTALLED OR THE TIME PERIOD WHEN IT IS TURNED OVER TO THE OWNER AND/OR THE PROJECT MANAGER.
- SEE THE GENERAL ELECTRICAL SPECIFICATIONS AND NOTES ON SHEET E1.0 AND THE DETAILS ON SHEET E1.1 FOR ADDITIONAL GENERAL REQUIREMENTS.

EMERGENCY LIGHTING NOTES

- EC SHALL INSTALL A LOCK ON CIRCUIT BREAKER HANDLE FOR ALL EMERGENCY LIGHTING CIRCUITS. EC SHALL VERIFY ALL REQUIREMENTS AND FINAL EMERGENCY LIGHTING LOCATIONS WITH LOCAL AUTHORITIES. INCLUDE ALL COSTS IN BASE BID.
- IF NOT INSTALLED BY MANUFACTURER, EC SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF THE EMERGENCY INVERTER BALLAST IN NIGHT LIGHTING FIXTURES SHOWN ON THIS SHEET.
- ALL FIXTURES DENOTED AS NIGHT LIGHTING FIXTURES SHALL BE PROVIDED WITH A BATTERY INVERTER EMERGENCY TYPE BALLAST. EMERGENCY BALLAST SHALL BE A TWO LAMP TYPE OF 600-700 INITIAL LUMEN RATED (MINIMUM) TO ILLUMINATE FIXTURE IN THE EVENT OF A POWER FAILURE. BALLAST BATTERY SHALL MAINTAIN 87.5% OF THE NOMINAL BATTERY VOLTAGE AFTER 1.5 HOURS TO COMPLY WITH NEC SECTION 700 AND UL924. BALLAST SHALL BE AS MANUFACTURED BY BODINE (MODEL B60 FOR TB APPLICATIONS) SECURITY LIGHTING (MODEL UF0120 FOR COMPACT FLUORESCENT APPLICATIONS) OR AN APPROVED EQUAL TO MEET THE SPECIFICATIONS LISTED ABOVE. LED FIXTURES DENOTED AS NIGHT LIGHTING SHALL BE APPROVED WITH DUAL LITE LIGHTING INVERTER MODEL #LG1-T. INVERTER SHALL BE CAPABLE OF ILLUMINATING FIXTURE FOR 1.5 HOURS TO COMPLY WITH NEC SECTION 700 AND UL924. E.C. SHALL NOT INSTALL MORE THAN FOUR FIXTURES TO EACH INVERTER. PROVIDE ADDITIONAL INVERTERS AS NECESSARY.
- EMERGENCY BATTERY LIGHTING WALL PACKS IN PLAYPLACE SHALL BE LOCATED SO AS TO PROVIDE FOR MAXIMUM ILLUMINATION OF AREA. EC SHALL VERIFY EXACT PLACEMENT IN THE FIELD WITH McDONALD'S ACM. (IF APPLICABLE)
- EMERGENCY LIGHTING HAS BEEN DESIGNED PER NFPA 101 TO MAINTAIN 1FC IN PATH OF EGRESS. IF FIELD CONDITIONS REQUIRE ANY CHANGES TO LIGHTING DESIGN, EMERGENCY LIGHTING SHALL BE INSTALLED TO MEET THE ABOVE REQUIREMENTS.
- EC TO PROVIDE LOCKOUT CIRCUIT FOR EMERGENCY LIGHTING CIRCUIT.

SHEET NO.	TITLE	DRAWN BY	RS	STD	DATE	REVIEWED BY	DATE	REV	DATE	DESCRIPTION	BY
E2.1	MRP CORE 16 2.0 EXTERIOR	RS	NOV	2016	AECOM TEAM	03/23/2018					
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ELECTRICAL LIGHTING PLAN											043-0116
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| E1 | WEATHERPROOF JUNCTION BOX FOR ARCH LOGO / McDONALD'S FASCIA SIGN. ALL SIGNS PROVIDED WITH INTEGRAL DISCONNECT SWITCH RATED FOR 20A-1P, 120V. PROVIDE 2#12 & 1#12 GROUND ON 3/4" RGS CONDUIT FROM A 20A DEDICATED CIRCUIT IN LIGHTING PANEL LP. |
| E2 | CUSTOM LED DOWNLIGHTING FIXTURES FOR ARCADE WALLS AND HEARTH; ORDERED FROM SECURITY LIGHTING. CONTRACTOR TO FIELD VERIFY FIXTURE MOUNTING HEIGHT, LOCATION, QUANTITY, FIXTURE LENGTHS, AND ALL ELECTRICAL CONNECTION REQUIREMENTS WITH SECURITY LIGHTING AND McDONALD'S AREA CONSTRUCTION MANAGER PRIOR TO ORDERING AND INSTALLATION. |
| E3 | CANOPY LIGHT. EC SHALL VERIFY EXACT SPECIFICATIONS AND LOCATION WITH AWNING MANUFACTURER. VERIFY EXACT INFEED REQUIREMENTS IN THE FIELD. |
| E4 | REUSE EXISTING CIRCUITS FOR ALL NEW LIGHTING AND SIGNS. |

KES ELECTRICAL SCHEDULE														
ITEM #	TAG #	QTY	DESCRIPTION	VOLTS	PH	CYCLE	HP	BRKR SIZE	AMPS	PNL/CCT	ELEC CONN TYPE	PLUG TYPE	CONN RI HGHT	ELECTRICAL REMARKS
9.05	E1	1	UTILITY CHASE - WALL VERSION	120 V	0	60 Hz	-	20.00 A	1.00 A	AP-3.1	PLUG & CORD	NEMA 5-20	18"	-
21.09	E1	1	COFFEE BREWER (GLASS DECANTERS)	208 V	1	60 Hz	-	20.00 A	15.50 A	AP-3 (3.5)	PLUG & CORD	NEMA 114-20	27"	-
23.05	E1	1	COFFEE CREAM DISPENSER	120 V	1	60 Hz	-	20.00 A	1.20 A	AP-7	PLUG & CORD	NEMA 5-20	18"	-
29.06	E1	1	SODA TOWER - COLD PLATE - 12 VALVE - LEVER CONTROL	120 V	1	60 Hz	-	20.00 A	5.20 A	SEE RMKS	PLUG & CORD	NEMA 5-20P	18"	-
39.25	E1	1	ICE MACHINE - 1000 LB.	120 V	1	60 Hz	-	15.00 A	1.10 A	AP-3.11	PLUG & CORD	NEMA 5-20P	0"	-
41.05	E1	1	ICE MACHINE REMOTE CONDENSER - 1000 LB.	208 V	3	60 Hz	1.5	20.00 A	9.10 A	AP-3/(13,15,17)	PLUG & CORD	SEE RMKS	0"	IF LOCATED ON CENTER ISLAND THIS ITEM IS POWERED BY EQUIP MTD BRKR PANEL-EC MAKES FINAL CONNECTS MOUNT 9" BELOW CEILING - CIRCUIT BREAKERS SHALL BE HACR TYPE
47.00	E1	1	SALAD DISPLAY CASE - FULL HEIGHT	120 V	1	60 Hz	1/5	20.00 A	5.10 A	AP-3.19	PLUG & CORD	NEMA 5-20	24"	-
65.35	E1	1	3-VAT LOV FRYER - ELECTRIC - S/S/S	208 V	3	60 Hz	-	50.00 A	39.00 A	AP-3(2,4,6)	DIRECT	BY KES	12"	-
65.35	E2	1	3-VAT LOV FRYER - ELECTRIC - S/S/S	208 V	3	60 Hz	-	50.00 A	39.00 A	AP-3(8,10,12)	DIRECT	BY KES	12"	PLUGS INTO RACEWAY RECEP WITH(1)21-20P INTERLOCK PLUG &(3) 15-60P POWER PLUG BY KES
79.25	E1	1	UNIVERSAL EXHAUST HOOD (R.H.) (2) ELEC FULL-CLAMS3-VAT FRYER	120 V	1	60 Hz	-	20.00 A	13.00 A	VIF	DIRECT	-	0"	EC TO PROVIDE WP 30A,3P NF DISC AT UNIT ON ROOF - CIRCUIT BREAKERS SHALL BE HACR TYPE. CONTROL WIRES TO ICE MACHINE - LOCATION BY ACM
80.07	E1	1	MECHANICAL CHASE - 2 TANKS	0 V	0	0 Hz	-	0.00 A	0.00 A	-	DIRECT WIRED	-	0"	-
178.00	E1	1	REACH-IN FREEZER-SIDE WIDE	120 V	1	60 Hz	1/3	20.00 A	10.00 A	VIF	PLUG & CORD	NEMA 5-15P	18"	-
207.00	E2	1	BLENDER - COUNTERTOP - MCLURRY	120 V	1	60 Hz	-	20.00 A	2.60 A	AP-3.14	DIRECT	5-20R	0"	-
215.00	E12	2	POS REGISTER - FRONT COUNTER	120 V	1	60 Hz	-	20.00 A	3.00 A	VIF	PLUG & CORD	IG4700	SEE REMARKS	108"
216.06	E1	1	"ORDER HERE" & "PICK-UP HERE" SET WITH HARDWARE	120 V	1	60 Hz	-	20.00 A	1.50 A	VIF	PLUG & CORD	IG4700	SEE REMARKS	108"
219.00	E10	2	POS - RECEIPT PRINTER	120 V	1	60 Hz	-	20.00 A	0.70 A	VIF	PLUG & CORD	IG4700	SEE REMARKS	108"
800.91	E1	1	ICE MACHINE - 1000 LB.	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	-	0"	PROVIDE IG RECEPTACLE IN COUNTER-MOUNTED RACEWAY
900.14	E1	1	RELOCATED GRILL STATION	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	-	0"	RECEPTACLE TO BE FLUSH MOUNTED ON CEILING
900.14	E1	1	RELOCATED GRILL STATION	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	-	0"	EXISTING EQUIPMENT TO REMAIN-AS-IS
900.17	E1	1	RELOCATED MEAT FREEZER	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	-	0"	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.18	E1	1	RELOCATED WALL FREEZER	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	-	0"	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.24	E1	1	RELOCATED REACH-IN REFRIGERATOR	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	-	0"	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.33	E1	1	RELOCATED BUN TOASTER	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	-	0"	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.35	E3	1	RELOCATED Q'ING OVEN	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	-	0"	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.50	E1	1	RELOCATED AUTOMATED BEVERAGE SYSTEM	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	-	0"	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.50	E2	1	RELOCATED AUTOMATED BEVERAGE SYSTEM	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	-	0"	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.51	E1	1	RELOCATED POS PC HARDWARE	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	-	0"	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.55	E1	1	RELOCATED CREAM DISPENSER	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	-	0"	POS SYSTEM TO BE RELOCATED/REDESIGNED BY POS COMPANY
900.57	E1	1	RELOCATED COFFEE BREWER	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	-	0"	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.59	E2	1												

1. ALL RECEPTACLES IN KITCHEN SHALL HAVE GROUND FAULT CIRCUIT INTERRUPTER (GFCI) PROTECTION FOR PERSONNEL.
2. ELECTRICAL CONTRACTOR SHALL REVIEW PANEL CONNECTIONS FOR EXISTING CIRCUITS TO CONNECT NEW INTERIOR AND EXTERIOR LIGHTING, SIGNS AND APPLIANCES. EXTEND EXISTING CIRCUITS FOR RELOCATED EQUIPMENT.
3. ELECTRICAL CONTRACTOR TO CONNECT LOADS DESIGNATED WITH "IG" TO AVAILABLE SPARE BREAKER OR LOAD WITH ISOLATED GROUND. FOR LOADS DESIGNATED WITH "V" (VERIFY IN FIELD), CONTRACTOR SHALL CONNECT TO AVAILABLE SPARE CIRCUITS IN APPLIANCE PANELS OTHER THAN "AP-3". IF SUFFICIENT SPARE CAPACITY IS NOT AVAILABLE, CONTRACTOR SHALL CONTACT ENGINEER OF RECORD.

[illegible]

DATE _____

PREPARED BY:

URS Corporation
architects - engineers - planners
1255 Broad Street, Suite 201
Clifton, NJ 07013-3988
973.883.8668 fax 973.883.8501
<http://www.urscorp.com>

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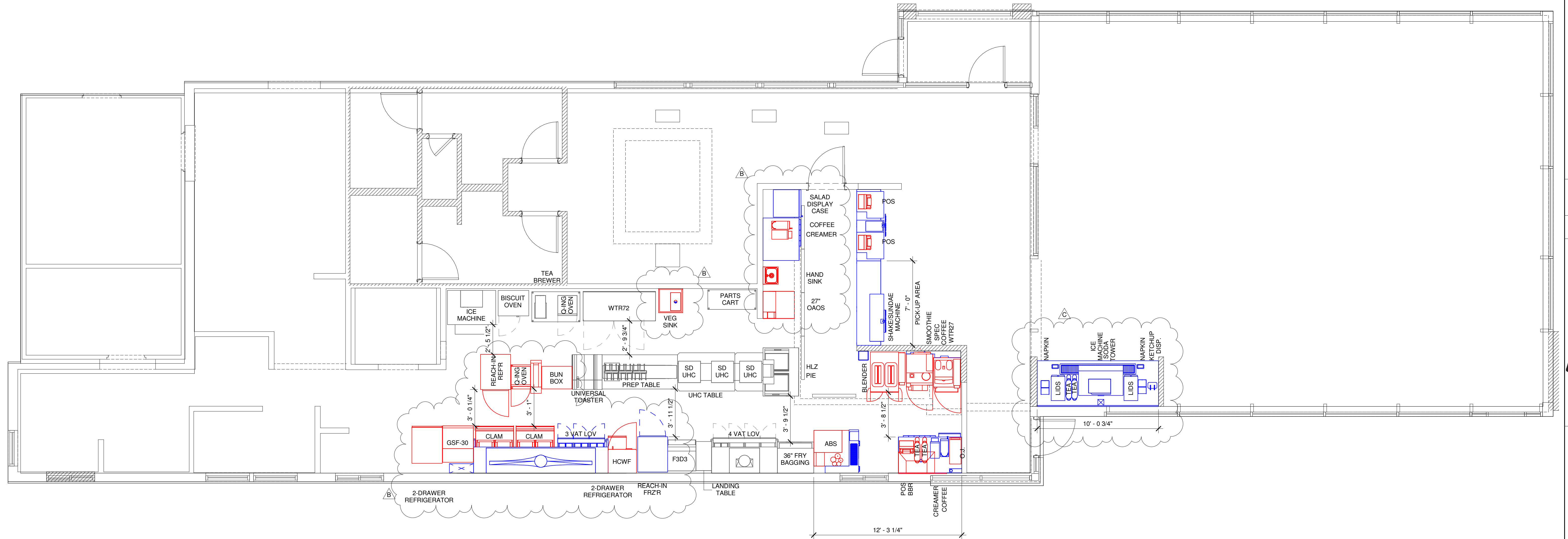
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SHEET NO.	TITLE	DRAWN BY	RS
			STD ISSUE DATE NOV 2016
E3.0	MRP CORE 16 2.0 EXTERIOR	REVIEWED BY ACOM TEAM	DATE ISSUED 03/23/2018
ELECTRICAL SCHEDULES		SITE ID	
043-0116		SITE ADDRESS	
ELECTRICAL SCHEDULES		3680 S. 1100 EAST	
		043-0116	
		SALT LAKE CITY, UT 84115	

PANEL SCHEDULES

150A MCB			PANEL AP-3 (NEW)							150A, 208Y/120 VAC, 3PH, 4W, CB TYPE: BL or BLH			
WATTS				BRKR	TRP	CC T	CC T	TRIP	BRKR		WATTS		
A	B	C											
120			Utility Chase (Wall)	G	20A-1	1	2	50A-3	G	3-VAT Fryer S/S/S/S	4683		
	1612		Coffee Brewer (Glass Decanter)	G	20A-2	3	4				4683		
		1612				5	6						
144			Coffee Cream Dispenser		20A-1	7	8	50A-3	G	3-VAT Fryer S/S/S/S	4683		4683
	624		Soda Tower Lever Control	G	20A-1	9	10						
		132	Ice machine - 1000 LB	HACR	15A-1	11	12						
1093			Ice machine Remote Condenser	HACR	20A-3	13	14	20A-1	G	McFlurry Blender - Countertop	312		4683
	1093					15	16	20A-1		Spare			
		1093				17	18	20A-1		Spare			
612			Salad Display Case	G	20A-1	19	20	20A-1		Spare			
			Spare		20A-1	21	22			Spare			
			Spare			23	24			Spare			
			Spare			25	26			Spare			
						27	28			Spare			
						29	30			Spare			
G = GFCI Personnel protection										Total Connect	11647	12695	12203
HACR = Heating & Air Conditioning Rated										Connect Amps	102	Amps	
										Demand Amps	66	Amps	

NEC Standard Method	NEW CONNECTED		NEW DEMAND	
	(kW)	%	(kW)	(A)
CONTINUOUS:	0	125%	0	0
KITCHEN:	37	65%	24	67
HVAC:	3	100%	3	10
COOLING:	0	100%	0	0
TOTAL:			27	76



1 KES Proposed Plan
1/4" = 1'-0"

REV #	DATE	DESCRIPTION	BY
C	Date 3	NEW BASE PLAN AND SSBG LOCATION	NZ000
B	Date 2	NEW CENTER ISLAND LAYOUT AND NEW GRILL AREA	NZ000
A	1/24/2016	Initial Issue	NZ000

Make
it
Wonderful



Franke Foodservice Supply, Inc.

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Smyrna, TN 37167

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fs_customerservice.us@franke.com
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Account:

McDONALDS

Restaurant #:

14294

Title:

KES PROPOSED PLAN

Operator:

WATSON

Site Address

3890 S 1100 EAST

City:

SALT LAKE CITY

State:

UT

Zip Code:

84115

Country:

USA

Region:

America

Building Type:

FREESTANDING

Electrical Service:

208V-230V/60HZ

Cable Service:

UNSPECIFIED

Market Manager:

D. PEW

Franke Project Number:

5012222

Site ID:

043-0116

Created By:

NZ000

Date Issued:

01/16/15

Modified By:

NZ000

Drawing Scale:

As Noted

Units:

Inch

Drawing Number:

20.11000XXXX.rte

Revision:

A

Sheet Name

K1.0

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McDONALDS
Restaurant #:
294
S EQUIPMENT PLAN

ator:
TSON
address
0 S 1100 EAST
LT LAKE CITY
Zip Code: 84415 Country: USA
en:
erica
ing Type:
EESTANDING
ical Service:
V-230V/60HZ
Service:
SPECIFIED

Project Number:
2222

0:
-0116

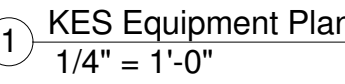
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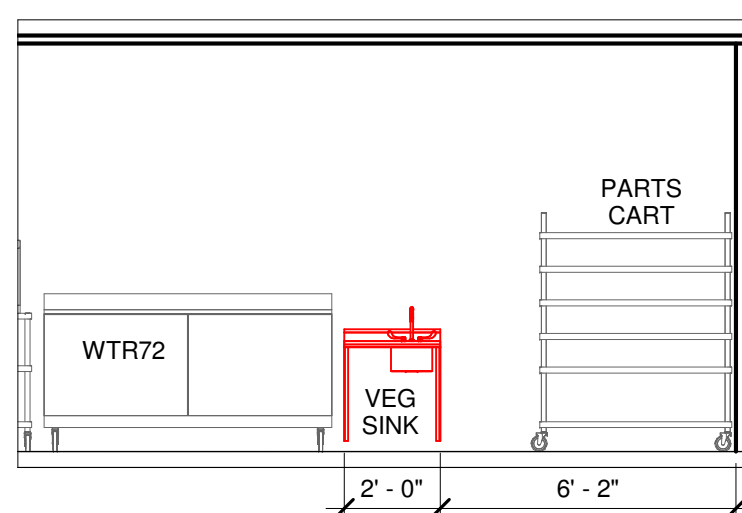
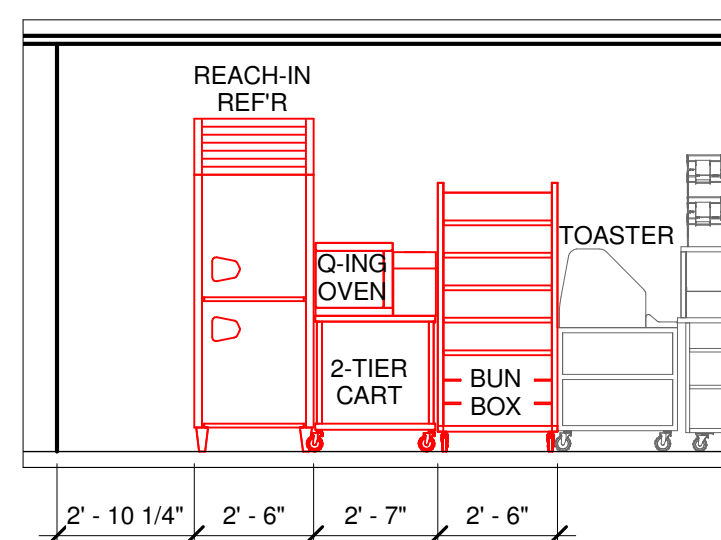
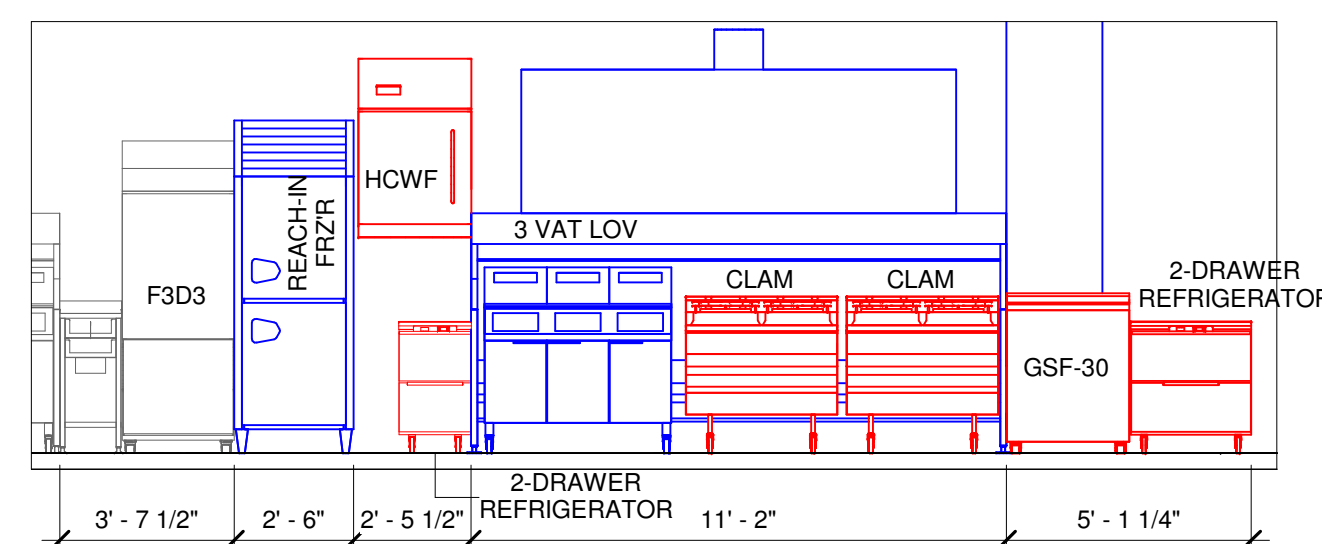
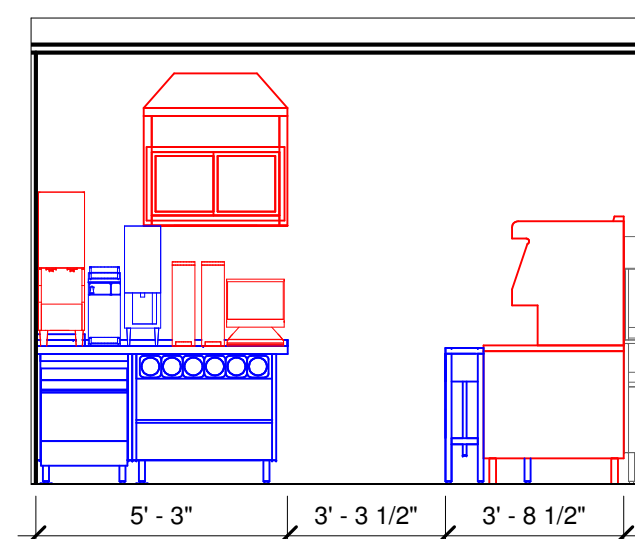
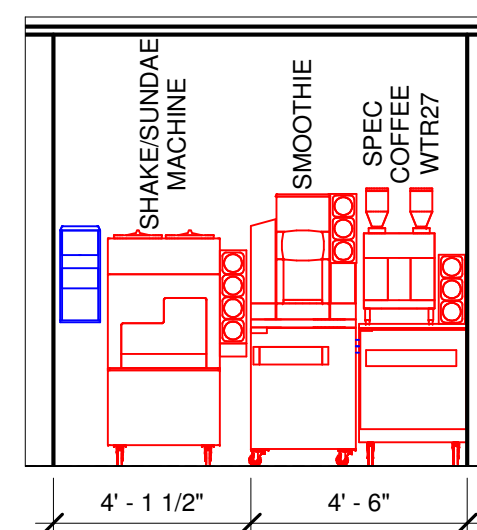
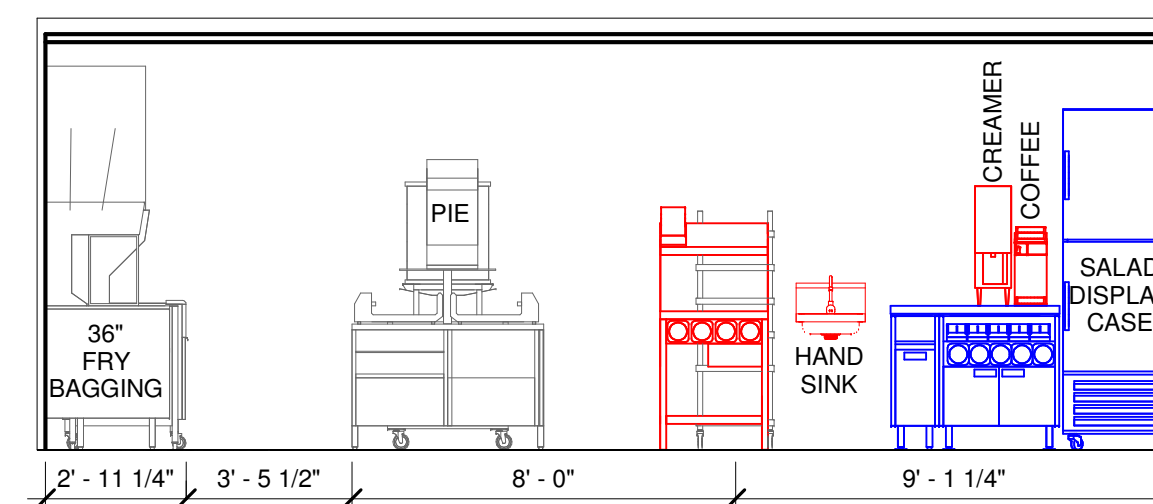
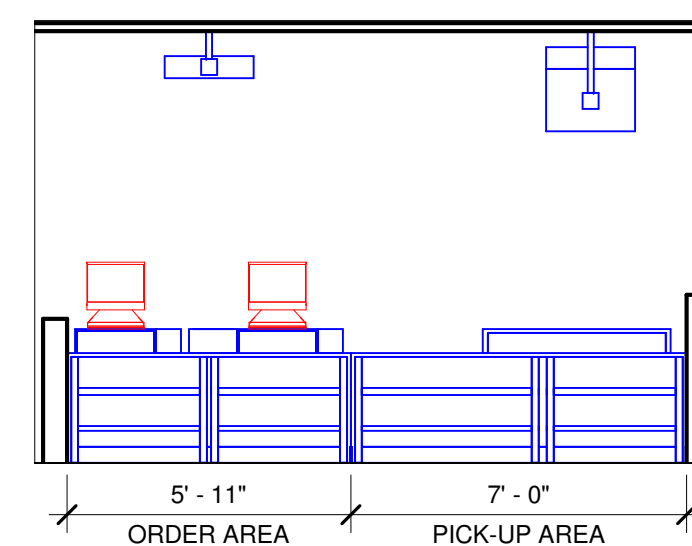
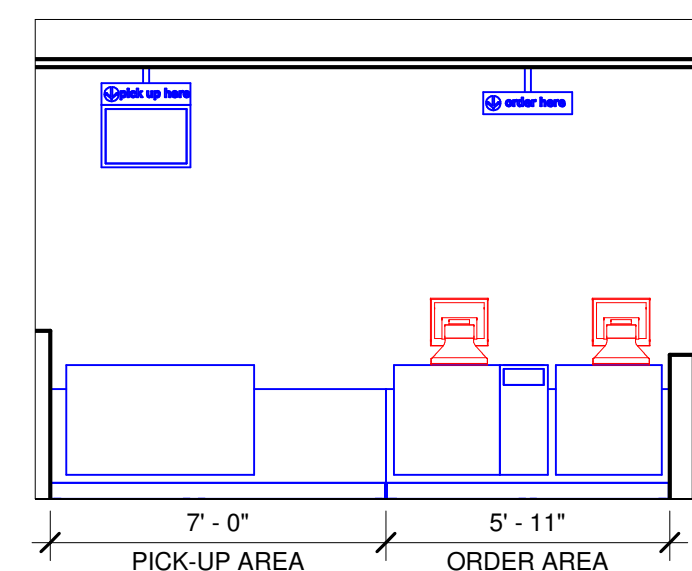
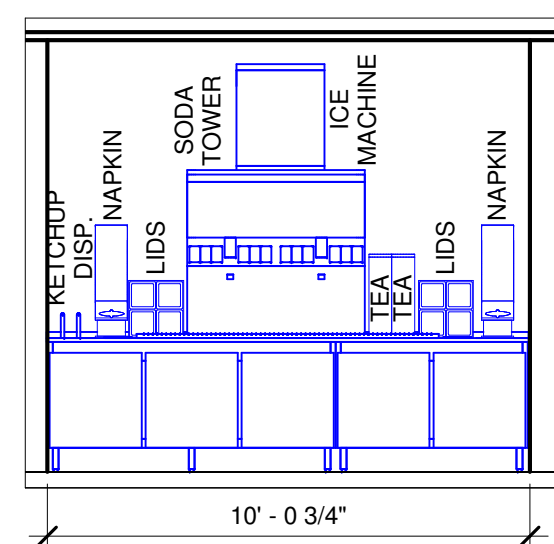
EXISTING EQUIPMENT DEMOLISHED EQUIPMENT RELOCATED EQUIPMENT NEW EQUIPMENT FUTURE EQUIPMENT

K2.0

KES EQUIPMENT SCHEDULE											
ITEM #	ST.	QTY.	DESCRIPTION	MANUFACTURER	MODEL #	FRANKE PART #	UL #	NSF	FURNISHED BY	REMARKS	
7.10	N	1	10"-0" SELF SERVE BEVERAGE BAR	FRANKE	CUSTOM		-	2	FRANKE	-	
9.05	N	1	UTILITY CHASE - WALL VERSION	FRANKE		17004260	-	2	FRANKE	CHASE TO BE 2-SIDED IF USED IN DRIVE-THRU BOOTH	
10.06	N	2	NAPKIN DISPENSER	GEORGIA-PACIFIC	51703	461028	-	2	FRANKE	(1) STANDARD, (1) OPTIONAL	
10.07	N	1	CO2 DRIVEN KETCHUP DISPENSER	PERFECTION	MCD-2	70008658	-	2	FRANKE	W/ (2) DISPENSERS, (2) PRODUCT SADDLES, REGULATOR, PUMP & CIP KIT	
10.08	N	2	LID DISPENSER	VOLLRATH COMPANY	LSC-2X2-4L	70003846-1	-	2	FRANKE	FOR COLD CUPS, LOCATED ON SSSB	
21.09	N	1	COFFEE BREWER (GLASS DECANTERS)	BUNN-O-MATIC	AKOMA-DV-3	161367-1	E32066	-	FRANKE		
23.05	N	1	COFFEE CREAM DISPENSER	SILVER KING	SKMCD1P	70009836	-	-	FRANKE		
25.01	N	2	SLIMLINE ICED BEVERAGE DISPENSER	BUNN-O-MATIC	TDO-N	592160	E32066	-	FRANKE	KES TO VERIFY EXACT QUANTITY PER MARKET	
29.06	N	1	SODA TOWER - COLD PLATE - 12 VALVE - LEVER CONTROL	MULTIPIXEL	MII-302		E47307	18	FRANKE		
39.25	N	1	ICE MACHINE - 1000 LB.	MANITOWOC	IB-1094YC	70004645	-	12	FRANKE		
41.05	N	1	ICE MACHINE REMOTE CONDENSER - 1000 LB.	MANITOWOC	CVD1085	ICE MACHINE REMOTE CONDENSER - 1000 LB.	-	12	FRANKE		
44.92	N	1	MODULAR CENTER ISLAND CABINET - 42"	FRANKE	-	FA10400572	-	2	FRANKE		
45.50	N	1	BEVERAGE CABINET - DRIVE-THRU - 63" W/ LH ICE BIN & REMOVABLE SHELF	FRANKE	FS01052	FS01052	-	2	FRANKE	REGION TO VERIFY LOCATION OF CUP TUBES	
47.00	N	1	SALAD DISPLAY CASE - FULL HEIGHT	BEVERAGE AIR	RI18-HS-26	146531	-	2	FRANKE		
65.35	N	1	3-VAT LOV FRYER - ELECTRIC - S/S/S	HENNY PENNY	LVE-203	144019	E44571	4	FRANKE		
79.25	N	1	UNIVERSAL EXHAUST HOOD (R.H.) (2) ELEC FULL-CLAMS/3-VAT FRYER	FRANKE	UH-133	18006867	-	2	FRANKE		
80.07	N	1	MECHANICAL CHASE - 2 TANKS	FRANKE	-	18004970	E163328	2	FRANKE	FOR 120" (911.00) & 108" (925.00) HOODS	
178.00	N	1	REACH-IN FREEZER-SINGLE WIDE	TRAUlsen	G12000MC	8847376	SA1230	7	FRANKE	RIGHT HINGED	
201.16	N	1	DRIVE-THRU ABS TABLE	FRANKE	-	18003450	-	2	FRANKE	ABS TABLE WITH TROUGH FOR NRS POSITION ABS	
207.00	N	1	BLENDER - COUNTERTOP - MCLURRY	TAYLOR	BC10	70008483	E112422	-	FRANKE		
216.03	N	1	POS-KVS MONITOR (CBB) STANDOFF SHELF - NRS OPPOSITE	FRANKE	-	18003270	-	2	FRANKE	USED FOR FLIPPED NRS CONFIGURATIONS MOUNT SHELF @ 2'-6" A.F.F	
216.05	N	1	ORB MONITOR	BY OWNER	-	BY OWNER	-	2	OWNER		
216.06	N	1	"ORDER HERE" & "PICK-UP HERE" SET WITH HARDWARE	BR METAL TECHNOLOGY	DPOHB	144375	-	2	FRANKE		
701.08	N	5	FLOOR SINK WITH HALF GRATE	G.C.	-	G.C.	-	2	G.C.		
701.10	N	2	3" FLOOR DRAIN	JAY R. SMITH	2005B	G.C.	-	2	G.C.		
800.02	E	1	EXISTING FRYER	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
800.05	E	1	EXISTING FROZEN FRY DISPENSER	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
800.06	E	2	EXISTING UNIVERSAL HEATING CABINET TABLE	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
800.07	E	1	EXISTING TOASTER TABLE	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
800.09	E	2	EXISTING BUN TOASTER	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
800.14	E	1	EXISTING FRY STATION	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
800.16	E	1	EXISTING QING OVEN	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
800.17	E	1	EXISTING PIC DISPLAY	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
800.22	E	2	EXISTING CART	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
800.23	E	1	EXISTING TEA BREWER	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
800.51	E	1	EXISTING EXHAUST HOOD	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
800.53	E	1	EXISTING WORKTOP REFRIGERATOR	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
800.61	E	1	ICE STORAGE BIN	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
800.62	E	1	EXISTING PREP TABLE	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
800.84	E	1	EXISTING BISCUIT OVEN	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
800.91	E	1	ICE MACHINE - 1000 LB.	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
801.34	E	3	EXISTING STANDARD DENSITY UNIVERSAL HEATING CABINET	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
801.36	E	1	EXISTING	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
801.36	E	2	EXISTING HEATED LANDING ZONE	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
801.77	E	1	EXISTING PRODUCT LANDING TABLE	EXISTING	-	EXISTING	-	-	EXISTING	EXISTING EQUIPMENT TO REMAIN	
900.10	R	1	RELOCATED VEGETABLE SINK	EXISTING	-	RELOCATED	-	-	RELOCATED	EQUIPMENT RELOCATED BY G.C.	
900.14	R	2	RELOCATED GRILL STATION	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	
900.17	R	1	RELOCATED MEAT FREEZER	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	
900.18	R	1	RELOCATED WALL FREEZER	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	
900.24	R	1	RELOCATED REACH-IN REFRIGERATOR	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	
900.33	R	1	RELOCATED BUN TOASTER	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	
900.35	R	1	RELOCATED QING OVEN	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	
900.44	R	1	RELOCATED BUN CART	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	
900.50	R	1	RELOCATED AUTOMATED BEVERAGE SYSTEM	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	
900.51	R	3	RELOCATED POS PC HARDWARE	EXISTING	-	RELOCATED	-	-	RELOCATED	POS SYSTEM TO BE RELOCATED/REDESIGNED BY POS COMPANY	
900.55	R	1	RELOCATED CREAM DISPENSER	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT TO BE RELOCATED BY G.C.	
900.57	R	1	RELOCATED COFFEE BREWER	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	
900.59	R	1	RELOCATED ORANGE JUICE DISPENSER	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	
900.89	R	1	RELOCATED HAND SINK	EXISTING	-	RELOCATED	-	2	RELOCATED	EQUIPMENT RELOCATED BY G.C.	
900.92	R	1	RELOCATED SHAKE MACHINE	EXISTING	-	RELOCATED	-	6	RELOCATED	EQUIPMENT RELOCATED BY G.C.	
900.95	R	1	RELOCATED CART	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	
901.00	R	1	RELOCATED BOTTLE BEVERAGE REFRIGERATOR	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	
901.02	R	1	RELOCATED RECEIPT PRINTER	EXISTING	-	RELOCATED	-	-	RELOCATED	EQUIPMENT RELOCATED BY G.C.	
901.20	R	1	RELOCATED SPECIALTY COFFEE MACHINE	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	
901.23	R	1	RELOCATED SPECIALTY COFFEE REFRIGERATOR	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	
901.28	R	1	RELOCATED BLENDED ICE MACHINE	EXISTING	-	RELOCATED	-	-	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	
901.38	R	2	RELOCATED CUP DISPENSER	FRANKE	-	RELOCATED	-	2	FRANKE	EXISTING EQUIPMENT RELOCATED BY G.C.	
901.41	R	1	RELOCATED ORDER ASSEMBLY STAND	EXISTING	-	RELOCATED	-	-	RELOCATED	EQUIPMENT RELOCATED BY G.C.	
903.00	R	2	RELOCATED 2-DRAWER REFRIGERATOR	EXISTING	-	RELOCATED	-	2	RELOCATED	EXISTING EQUIPMENT RELOCATED BY G.C.	

KES PLUMBING POTABLE WATER SCHEDULE												
ITEM #	Tag #	QTY.	DESCRIPTION	CW SIZE	CW RI HIGHT	HW SIZE	HW RI HIGHT	FW TYPE	FW SIZE	FW RI HIGHT	POT. WATER CONN TYPE	POT. WATER REMARKS
21.09	P1	1	COFFEE BREWER (GLASS DECANTERS)	1/4"	1'- 6"	1/4"	1'- 6"	TREATED	3/8"	0'- 6"	DIRECT	DN CHASE FROM SODA SYSTEM - IF NO CHASE RUN IN 2in. COND TO JB- BSI TO CONN CW LINE PER LOCAL CODES
29.06	P1	1	SODA TOWER - COLD PLATE - 12 VALVE - LEVER CONTROL	0"	0'- 0"	0"	0'- 0"	-	3/8"	0'- 0"	MALE BARB	-
39.25	P1	1	ICE MACHINE - 1000 LB.	1/2"	1'- 6"	0"	0'- 0"	-	3/8"	0'- 0"	DIRECT	WATER LINE OVERHEAD FROM SODA SYSTEM - BSI TO MAKE FINAL CONNECTIONS PER LOCAL CODES
800.91	P1	1	ICE MACHINE - 1000 LB.	0"	0'- 0"	0"	0'- 0"	-	0"	0'- 0"	-	EXISTING EQUIPMENT TO REMAIN AS-IS
900.10	P1	1	RELOCATED VEGETABLE SINK	0"	0'- 0"	0"	0'- 0"	-	0"	0'- 0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.57	P1	1	RELOCATED COFFEE BREWER	0"	0'- 0"	0"	0'- 0"	-	0"	0'- 0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.59	P1	1	RELOCATED ORANGE JUICE DISPENSER	0"	0'- 0"	0"	0'- 0"	-	0"	0'- 0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.89	P1	1	RELOCATED HAND SINK	0"	0'- 0"	0"	0'- 0"	-	0"	0'- 0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
901.20	P1	1	RELOCATED SPECIALTY COFFEE MACHINE	0"	0'- 0"	0"	0'- 0"	-	0"	0'- 0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
901.28	P1	1	RELOCATED BLENDED ICE MACHINE	0"	0'- 0"	0"	0'- 0"	-	0"	0'- 0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.

KES ELECTRICAL SCHEDULE														
ITEM #	TAG #	QTY	DESCRIPTION	VOLTS	PH	CYCLE	HP	BRKR SIZE	AMPS	ELEC CONN TYPE	PLUG TYPE	CONN RI HIGHT	ELECTRICAL REMARKS	
9.05	E1	1	UTILITY CHASE - WALL VERSION	120 V	0	60 Hz	-	20.00 A	1.00 A	PLUG & CORD	NEMA 5-20	18"	-	
21.09	E1	1	COFFEE BREWER (GLASS DECANTERS)	208 V	1	60 Hz	-	20.00 A	15.50 A	PLUG & CORD	NEMA 114-20	27"	-	
23.05	E1	1	COFFEE CREAM DISPENSER	120 V	1	60 Hz	-	20.00 A	1.20 A	PLUG & CORD	NEMA 5-20	18"	-	
29.06	E1	1	SODA TOWER - COLD PLATE - 12 VALVE - LEVER CONTROL	120 V	1	60 Hz	-	20.00 A	5.20 A	PLUG & CORD	NEMA 5-20P	18"	-	IF LOCATED ON CENTER ISLAND THIS ITEM IS POWERED BY EQUIP MTD BRKR PANEL-EC MAKES FINAL CONNECTIONS
39.25	E1	1	ICE MACHINE - 1000 LB.	120 V	1	60 Hz	-	15.00 A	1.10 A	PLUG & CORD	NEMA 5-20P	0"	-	MOUNT 0" BELOW CEILING - CIRCUIT BREAKERS SHALL BE HACR TYPE
41.05	E1	1	ICE MACHINE REMOTE CONDENSER - 1000 LB.	208 V	3	60 Hz	1.5	20.00 A	9.10 A	PLUG & CORD	SEE RMKS	0"	-	EC TO PROVIDE WP 30A-3P NF DISC AT UNIT ON ROOF - CIRCUIT BREAKERS SHALL BE HACR TYPE. CONTROL WIRES TO ICE MACHINE - LOCATION BY ACM
47.00	E1	1	SALAD DISPLAY CASE - FULL HEIGHT	120 V	1	60 Hz	1/5	20.00 A	5.10 A	PLUG & CORD	NEMA 5-20	24"	-	
65.35	E1	1	3-VAT LOV FRYER - ELECTRIC - S/S/S	208 V	3	60 Hz	-	60.00 A	39.00 A	DIRECT	BY KES	12"	-	PLUGS INTO RACEWAY RECEPT WITH(1)121-20P INTERLOCK PLUS &(3) 15-60P POWER PLUG BY KES
65.35	E2	1	3-VAT LOV FRYER - ELECTRIC - S/S/S	208 V	3	60 Hz	-	60.00 A	39.00 A	DIRECT	BY KES	12"	-	PLUGS INTO RACEWAY RECEPT WITH(1)121-20P INTERLOCK PLUS &(3) 15-60P POWER PLUG BY KES
79.25	E1	1	UNIVERSAL EXHAUST HOOD (R.H.) (2) ELEC FULL-CLAMPS-VAT FRYER	120 V	1	60 Hz	-	20.00 A	13.00 A	DIRECT	-	0"	-	EC TO CONN POWER TO RACEWAY FOR GRILLS, FRYER CONTROLS & INDIVIDUAL EXHAUST FAN INTERLOCK
80.07	E1	1	MECHANICAL CHASE - 2 TANKS	0 V	0	0 Hz	-	0.00 A	0.00 A	DIRECT WIRED	-	0"	-	
178.00	E1	1	REACH-IN FREEZER-SINGLE WIDE	120 V	1	60 Hz	1/3	20.00 A	10.00 A	PLUG & CORD	NEMA 5-15P	18"	-	
207.00	E2	1	BLENDER - COUNTERTOP - MCLURRY	120 V	1	60 Hz	-	20.00 A	2.60 A	DIRECT	5-20R	0"	-	PLUGS INTO CHASE OR OEP. VERIFY IN FIELD
216.06	E1	1	"ORDER HERE" & "PICK-UP HERE" SET WITH HARDWARE	120 V	1	60 Hz	-	20.00 A	1.50 A	PLUG & CORD	IG4700	108"	-	RECEPTACLE TO BE FLUSH MOUNTED ON CEILING
800.91	E1	1	ICE MACHINE - 1000 LB.	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	EXISTING EQUIPMENT TO REMAIN AS-IS
900.14	E1	1	RELOCATED GRILL STATION	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.14	E1	1	RELOCATED GRILL STATION	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.17	E1	1	RELOCATED MEAT FREEZER	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.18	E1	1	RELOCATED WALL FREEZER	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.24	E1	1	RELOCATED REACH-IN REFRIGERATOR	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.33	E1	1	RELOCATED BUN TOASTER	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.35	E3	1	RELOCATED Q'ING OVEN	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.50	E1	1	RELOCATED AUTOMATED BEVERAGE SYSTEM	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.50	E2	1	RELOCATED AUTOMATED BEVERAGE SYSTEM	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.51	E1	1	RELOCATED POS PC HARDWARE	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	POS SYSTEM TO BE RELOCATED/REDESIGNED BY POS COMPANY
900.51	E1	1	RELOCATED POS PC HARDWARE	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	POS SYSTEM TO BE RELOCATED/REDESIGNED BY POS COMPANY
900.51	E1	1	RELOCATED POS PC HARDWARE	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	POS SYSTEM TO BE RELOCATED/REDESIGNED BY POS COMPANY
900.55	E1	1	RELOCATED CREAM DISPENSER	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.57	E1	1	RELOCATED COFFEE BREWER	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.59	E2	1	RELOCATED ORANGE JUICE DISPENSER	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.59	E3	1	RELOCATED ORANGE JUICE DISPENSER	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
900.92	E1	1	RELOCATED SHAKE MACHINE	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
901.00	E1	1	RELOCATED BOTTLE BEVERAGE REFRIGERATOR	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
901.02	E1	1	RELOCATED RECEIPT PRINTER	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
901.20	E1	1	RELOCATED SPECIALTY COFFEE MACHINE	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
901.20	E2	1	RELOCATED SPECIALTY COFFEE MACHINE	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
901.23	E1	1	RELOCATED SPECIALTY COFFEE REFRIGERATOR	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
901.28	E2	1	RELOCATED BLENDED ICE MACHINE	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
903.00	E1	1	RELOCATED 2-DRAWER REFRIGERATOR	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.
903.00	E1	1	RELOCATED 2-DRAWER REFRIGERATOR	0 V	0	60 Hz	-	0.00 A	0.00 A	-	-	0"	-	G.C. TO VERIFY AND REWORK ALL EXISTING UTILITIES AS REQUIRED.

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Make
it
Wonderful

FRANKE

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Account:
McDONALDS
Restaurant #:
14294
Title:
KES ELEVATIONS

Operator:	WATSON
Site Address	3890 S 1100 EAST
City:	SALT LAKE CITY
State:	UT
Zip Code:	84115
Region:	Country: USA
America	
Building Type:	FREESTANDING
Electrical Service:	208V-230V/60HZ
Gas Service:	UNSPECIFIED
Market Manager:	D. PEW
Frankie Project Number:	5012222
Site ID:	043-0116
Created By:	NZ000
Date Issued:	02/04/15
Modified By:	

Drawing Scale:
As Noted
Units:
Inch
Drawing Number:
20.11000XXXX.rte

Revision:
A

Sheet Name

K2.2

EXISTING EQUIPMENT DEMOLISHED EQUIPMENT RELOCATED EQUIPMENT NEW EQUIPMENT FUTURE EQUIPMENT

