McDonald's USA, LLC

INTERIOR RENOVATION
CONSTRUCTION DOCUMENTS
FOR

1515 S 169 HWY
SMITHVILLE, MO 64089

PROJECT INFORMATION:

SITE NAME: SMITHVILLE
KITCHEN MODIFICATIONS
DENVER REGION

ADDRESS:

STREET ADDRESS:	1515 S 169 HWY
CITY:	SMITHVILLE
STATE:	MO
ZIP:	64089
STATE SITE CODE:	024-0322
NATIONAL STORE NO.:	11618

APPLICANT

EBI CONSULTING – JESSICA SWENSON
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ARCHITECT OF RECORD

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ENGINEER OF RECORD (ELECTRICAL)

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SCOPE OF WORK:

THIS PROJECT CONSISTS OF INTERIOR IMPROVEMENTS. THE SCOPE OF WORK INCLUDES THE FOLLOWING:

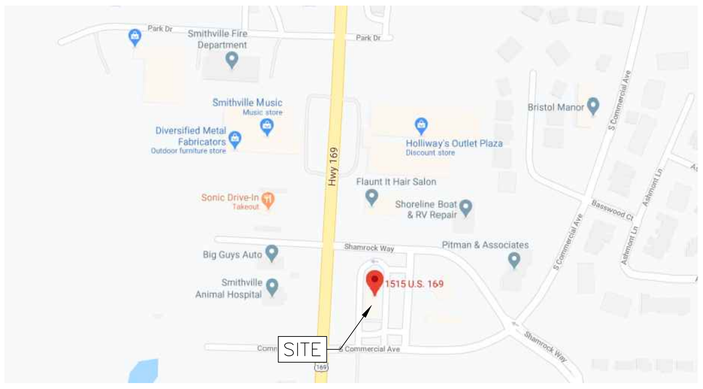
1. NEW AND RELOCATED EQUIPMENT IN KITCHEN.

DESIGN CODES:

2018	INTERNATIONAL EXISTING BUILDING CODE WITH LOCAL AMENDMENT LEVEL 2 ALTERATION OF 43.8% OF BUILDING KITCHEN WORK – LEVEL 1 ALTERATION OF 20.7% OF BUILDING
2018	INTERNATIONAL PLUMBING CODE
2018	INTERNATIONAL MECHANICAL CODE
2018	INTERNATIONAL FIRE CODE
2018	INTERNATIONAL FUEL GAS CODE
2017	NATIONAL ELECTRICAL CODE
2010	AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES

BUILDING DATA:

OCCUPANCY CLASSIFICATION:	A-2 ASSEMBLY (RESTAURANT)
CONSTRUCTION CLASSIFICATION:	TYPE VB
MINIMUM NUMBER OF EXITS REQUIRED:	2 (PROVIDED: 4)
MINIMUM EXIT WIDTH PROVIDED:	36"
FIRE PROTECTION:	NON-SPRINKLERED (MAXIMUM TRAVEL DISTANCE = 200')
EXISTING BUILDING ROOF HEIGHT:	15' – 5"
TOTAL GROSS BUILDING AREA:	4,933 SQ. FT



NORTH

VICINITY MAP

NOT TO SCALE

NORTH

AERIAL VIEW

NOT TO SCALE

DRAWING INDEX

CV	TITLE AND INFORMATION SHEET
G1.0	GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS
G2.0	HANDICAP ACCESSIBILITY STANDARDS

ARCHITECTURAL

D1.0	DEMOLITION FLOOR PLAN
D1.1	REFLECTED CEILING PLAN-DEMOLITION
A1.0	FLOOR PLAN
A1.1	REFLECTED CEILING PLAN – PROPOSED
A1.2	ENLARGED RESTROOM PLANS AND ACCESSORY ELEVATIONS

PLUMBING

P0.0	PLUMBING SPECIFICATIONS SYMBOLS, & GENERAL NOTES
P1.0	PLUMBING FLOOR PLANS, DETAILS, & PIPING SCHEMATICS

ELECTRICAL

E1.0	ELECTRICAL SYMBOLS, ABBREVIATIONS, DRAWING INDEX, GENERAL NOTES & SPECIFICATIONS
E2.0	ELECTRICAL LIGHTING PLAN
E3.0	ELECTRICAL POWER PLAN

PREPARED BY:
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SIGNED BY:

STATE OF MISSOURI
JOSHUA W. CARRELL
NUMBER A-2018040323
ARCHITECT

DATE: 7/26/2021

NAME:

LICENSE NO:

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PREPARED FOR: McDonald's USA, LLC

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CONSULTANT:

SUBMITTAL

NO.	DESCRIPTION	DATE	BY
0	FOR PERMIT	9/24/21	SH

DRAWN BY: JEC
CHECKED BY: JWC
DES. ISSUE DATE: 2019
DATE ISSUED:
SITE ID NO.: 11618

PROJECT TITLE: MCDONALD'S RESTAURANT
SMITHVILLE: 2020 MOD C

SHEET TITLE: TITLE AND INFORMATION SHEET

SITE ADDRESS: 1515 S 169 HWY
SMITHVILLE, MO 64089

PROJECT NO.: 4119000234

SHEET NO.: CV

1 SYMBOLS/LEGEND

- REFERENCE TO ELEVATION NUMBER / REFERENCE TO SHEET NUMBER (X / X–X)
- REFERENCE TO DETAIL NUMBER / REFERENCE TO SHEET NUMBER (X / X–X)
- REFERENCE TO SECTION NUMBER / REFERENCE TO SHEET NUMBER (X / X–X)
- COLUMN GRID LINE DESIGNATION (X)
- PARTITION TYPE (X)
- DOOR NUMBER (SEE DOOR SCHEDULE) (X)
- INTERIOR ELEVATIONS (1, 2, 3, 4, A–1)
- ROOM NAME AND NUMBER (CORRIDOR 110)
- ROOM NUMBER CEILING HEIGHT (SEE CEILING PLANS) (110, 0'–0")
- EXISTING WALL CONSTRUCTION TO REMAIN
- EXISTING WALL CONSTRUCTION TO BE REMOVED
- NEW DRYWALL PARTITION (X)
- NEW MASONRY PARTITION
- EXISTING DOOR AND/OR FRAME TO BE REMOVED
- EXISTING DOOR AND FRAME TO REMAIN
- NEW DOOR AND FRAME IN GYPSUM BOARD WALL (XX)
- NEW DOOR AND FRAME IN MASONRY WALL (XX)
- EXISTING WALL TO BE PATCHED
- SURFACE MOUNTED FIRE EXTINGUISHER (10 LBS, TYPE SUITABLE FOR FIRE TYPE) (SMFE)
- WINDOW TYPE (A)
- FINISH TAG (#)
- ELEVATION TAG (T/SLAB ELEV. 0'–0")
- REVISION TAG (1)

2 ABBREVIATIONS

AIR CONDITIONING	A/C
ACOUSTICAL	AC
ACCESS	ACC
ACOUSTICAL PANEL	ACP
ACOUSTICAL TILE	ACT
ADDENDUM	ADD
ADJACENT	ADJ
ABOVE FINISH FLOOR	AFF
ALTERNATE	ALT
ALUMINUM	ALUM
ARCHITECT (URAL)	ARCH
ABOVE RAISED FLOOR	ARF
BOARD	BD
BUILDING	BLDG
BLOCK	BLK
BOTTOM OF	BO
BEARING	BRG
BRICK	BRK
BASEMENT	BSMT
BUILT UP ROOFING	BUR
CABINET	CAB
CATCH BASIN	CB
CABLE HOLE IN CEILING	CBIC
CABLE HOLE IN FLOOR	CBIF
CEMENT	CEM
CLOSED CIRCUIT T.V.	CCTV
CAST IRON	CI
CENTER LINE	CL
CEILING	CLG
CLOSET	CLO
CLEAR (ANCE)	CLR
CONCRETE MASONRY UNIT	CMU
COUNTER	CNTR
COLUMN	COL
CONCRETE	CONC
CONSTRUCTION	CONST
CONTRACT (OR)	CONTR
CORRIDOR	CORR
CARPET	CPT
CERAMIC TILE	CT
CENTER	CTR
DEMOLITION	DEMO
DEPARTMENT	DEPT
DRINKING FOUNTAIN	DF
DIAMETER	DIA
DIAGONAL	DIAG
DIMENSION	DIM
DIVISION	DIV
DEAD LOAD	DL
DOWN	DN
DAMP PROOFING	DP
DOOR	DR
DOWNSPOUT	DS
DETAIL	DTL
DRAWING	DWG
DRAWER	DWR
EAST	E
EACH	EA
EXHAUST FAN	EF
ELECTRIC (AL)	ELEC
ELEVATION	ELEV
EMERGENCY	EMERG
ENCLOSE (ENCLOSURE)	ENCL
EXPANDED POLYSTYRENE	EPS
EQUAL	EQ
EACH WAY	EW
ELECTRIC WATER COOLER	EWC
EXCAVATE	EXC
EXHAUST	EXH
EXISTING	EXIST
EXPANSION JOINT	EJ
EXTERIOR	EXT
FLOOR DRAIN	FD
FOUNDATION	FDN
FIRE EXTINGUISHER	FE
FINISH (ED)	FIN
FIXTURE	FIXT
FLOOR (ING)	FLR
FIREPROOF	FP
FIREPROOF SELF–CLOSING	FPSC
FEET	FT
FOOTING	FTG
GAGE, GAUGE	GA
GALVANIZED	GALV
GENERAL CONTRACT (OR)	GC
GROUND FAULT INTERRUPT GLASS,	GFI
GLAZING	GL
GYPSUM BOARD WALL	GWB
HOLLOW CORE	HC
HEADER	HDR
HARDWARE	HDW
HEIGHT	HGT
HOLLOW METAL	HM
HIGH POINT	HP
HEATING	HTG
HEATING VENTILATION & AIR CONDITIONING	HVAC
INSULATED CONCRETE FORM	ICF
ISOLATED GROUND	IG
INCH	IN
INSULATION (D) (ION)	INSUL
JANITOR'S CLOSET	JC
LAMINATE (D)	LAM
LAVATORY	LAV
LIVELOAD	LL
LOW POINT	LP
MAXIMUM	MAX
MATERIAL	MATL
MECHANICAL	MECH
MANUFACTURE (R) (D)	MFR (D)
MINIMUM	MIN
MIRROR	MIR
MASONRY OPENING	MO
METAL	MTL
NORTH	N
NOT IN CONTRACT	NIC
NUMBER	NO
NOMINAL	NOM
NOT TO SCALE	NTS
OVERALL	OA
ON CENTER	OC
OVERHEAD OR OPPOSITE HAND	OH
OPENING	OPNG
OPPOSITE	OPP
POURED CONCRETE	PC
PLATE	PL
PLASTIC	PL
LAMINATE	LAM
PANEL	PNL
PARTITION	PTN
POLYVINYL CHLORIDE	PVC
RISER	R
RAISED ACCESS	RA
RADIUS	RAD
REFLECTED CEILING PLAN	RCP
ROOF DRAIN	RD
RTU ROOF TOP UNIT	RO
REFERENCE	REF
REFRIGERATOR	REFG
REINFORCED	REINF
RESILIENT	RES
ROOFING	RFG
ROOM	RM
ROUGH OPENING	RO
SOUTH	S
SPLASH BLOCK	SB
SOLID CORE WOOD DOOR	SCW
STORM DRAIN	SD
SECTION	SECT
SQUARE FOOT	SF
SIMILAR	SIM
STRUCTURAL INSULATED PANEL	SIP
SPECIFICATION(S)	SPEC(S)
SPRINKLER	SPR
SQUARE	SQ
SECONDARY ROOF DRAIN	SRD
STANDARD	STD
STEEL	STL
STORAGE	STOR
SUSPENDED	SUSP
TREAD	T
TELEPHONE	TEL
THICK(NESS)	THK
TOP OF STEEL	TOS
TOP OF TYPICAL	TYP
UNLESS OTHERWISE NOTED	UON
VINYL COMPOSITE TILE	VCT
VIDEO DISPLAY TERMINAL	VDT
VERIFY IN FIELD	VIF
VINYL WALL COVERING	VWC
WEST	W
WITH	W/
WALL BASE	WB
WATER CLOSET	WC
WOOD	WD
WIRE MESH	WM
WITHOUT	W/O
WATERPROOFING	WP
WELDED WIRE MESH	WWM
WELDED WIRE FABRIC	WWF

3 GENERAL NOTES

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH PROVISIONS OF LOCAL, STATE, AND FEDERAL, LAWS, ORDINANCES, AND REGULATIONS WHEREVER APPLICABLE. NOTIFY DESIGNATED REPRESENTATIVE OF ANY WORK FOUND NOT TO BE IN COMPLIANCE PRIOR TO COMMENCEMENT OF WORK.
2. EACH CONTRACTOR SHALL BECOME FAMILIAR WITH THE SCOPE OF WORK AND SHALL BE HELD TO HAVE VISITED THE SITE AND TO HAVE VERIFIED ALL EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID.
3. IN ALL CASES, DRAWINGS SHALL NOT BE SCALED FOR INFORMATION. FIGURED DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD.
4. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL FIELD DIMENSIONS AND JOB CONDITIONS, AND SHALL NOTIFY THE DESIGNATED REPRESENTATIVE OF ANY DISCREPANCIES, CONFLICTS, AND/OR OMISSIONS WHICH WOULD INTERFERE WITH THE SATISFACTORY COMPLETION OF THE WORK. SHOULD HE FAIL TO FOLLOW THIS PROCEDURE AND CONTINUE WITH THE WORK, HE SHALL ASSUME ALL RESPONSIBILITY AND LIABILITY ARISING THEREFROM. ALL DIMENSIONS ARE SHOWN TO FACE OF FINISHES UNLESS OTHERWISE NOTED.
5. ALL ITEMS OF WORK IDENTIFIED ON THE DRAWINGS BY NAME, NOTE, OR MATERIAL DESIGNATION ARE NEW, UNLESS OTHERWISE NOTED.
6. ALL NEW MATERIALS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS LATEST PRINTED SPECIFICATIONS, AND WITH ALL APPLICABLE CODE REQUIREMENTS.
7. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH BEST STANDARD TRADE PRACTICES. EACH TRADE SHALL COOPERATE WITH OTHER TRADES TO FACILITATE JOB SCHEDULING AND COMPLETION.
8. PROPRIETARY NAMES IDENTIFY SPECIFIC PRODUCTS OR ITEMS THAT ARE TO BE PROVIDED. NO SUBSTITUTIONS ARE PERMITTED UNLESS AUTHORIZED IN WRITING BY THE DESIGNATED REPRESENTATIVE.
9. GC IS RESPONSIBLE FOR PROTECTING WORK AREAS AND MATERIALS FROM THEFT, VANDALISM, AND OTHER LOSSES.
10. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ADJOINING REMAINING AREAS AS A RESULT OF HIS WORK, AND SHALL REPAIR DAMAGED SURFACES TO THEIR PRE–EXISTING CONDITIONS OR AS MAY BE REQUIRED TO COMPLETE THE ENTIRE SCOPE OF THE WORK.
11. GC IS RESPONSIBLE FOR PROTECTING ALL FINISHED SURFACES FROM UNWANTED PAINT, DIRT, OR OTHER DELETERIOUS MATERIALS.
12. ALTERATIONS TO EXISTING WORK SHALL BE PATCHED AND FINISHED, AS NECESSARY, TO MATCH EXISTING CONTIGUOUS SURFACES OR NEW FINISHES SHOWN.
13. AT THE COMPLETION OF EACH WORKDAY, EACH TRADE SHALL BE RESPONSIBLE FOR CLEANING UP THEIR WORK. RUBBISH REMOVAL SHALL BE DONE IN A DUST INHIBITIVE FASHION, AND THE JOB SITE SHALL BE FREE OF ALL DEBRIS AND BROOM CLEAN UPON COMPLETION.
14. CLEAN ALL FLOORS, WALLS, DOORS, FIXTURES, LIGHTS, MISCELLANEOUS GLASS, ETC. LEAVING JOB FREE OF DUST AND DEBRIS, PRIOR TO PROJECT COMPLETION.
15. GC IS RESPONSIBLE FOR FINAL PATCHING, PAINT TOUCH–UP, AND CLEANING TO LEAVE ALL WORK, INCLUDING WORK PERFORMED UNDER SEPARATE CONTRACTS, CLEAN AND READY FOR OCCUPANCY.
16. EXISTING EQUIPMENT AND MATERIALS TO BE REMOVED, WHICH ARE NOT REQUIRED TO BE RELOCATED OR RETAINED BY THE OWNER AND/OR THE DESIGNATED REPRESENTATIVE, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE REMOVED FROM THE PREMISES.
17. INDICATIONS OF WORK TO BE REMOVED ARE GENERAL ONLY, AND ARE NOT INTENDED TO SHOW ALL ITEMS WHICH MAY REQUIRE REMOVAL. SUCH ITEMS SHALL BE REMOVED, RELOCATED, AND/OR REINSTALLED, AS REQUIRED FOR INSTALLATION OF NEW WORK.
18. THESE DOCUMENTS DO NOT AUTHORIZE DETERMINING THE PRESENCE, NOR THE REMOVAL, OF ASBESTOS OR OTHER HAZARDOUS MATERIALS. IF DURING THE COURSE OF THE PROJECT, ASBESTOS OR OTHER HAZARDOUS MATERIAL CONTAMINATION IS SUSPECTED, THE CONTRACTOR SHALL NOTIFY THE DESIGNATED REPRESENTATIVE WITHIN 24 HOURS. CONTRACTOR SHALL SUSPEND WORK IN THE AFFECTED AREA UNTIL SUCH A TIME THAT SAID AREA IS CERTIFIED CONTAMINATION–FREE. IN THE INTERIM, THE CONTRACTOR SHALL ENDEAVOR TO RESCHEDULE WORK TO AREAS UNAFFECTED BY SUSPECTED CONTAMINATION IN ORDER TO MINIMIZE DELAY TO THE PROJECT SCHEDULE.
19. DRYWALL CONSTRUCTION:
    - A. PROVIDE SIZES AND TYPES AS SHOWN ON THE DRAWINGS, TAPED AND SPACKLED WITH THREE (3) COATS AND SANDED SMOOTH.
    - B. METAL STUDS SHALL BE MINIMUM 20 GA (33 MILS)., UNLESS OTHERWISE NOTED. FASTEN AT 24" O.C. MAXIMUM UTILIZING FASTENERS SUITABLE FOR THE SUBSTRATE.
    - C. PROVIDE ALL METAL CORNER BEADS, STOPS, EDGE TRIM, CASINGS, BEADS, ETC. AS REQUIRED TO FINISH ALL DRYWALL SURFACES WITH FLUSH, LEVEL EDGES.
    - D. USE FIRE CODE "X" GYPSUM BOARD WHERE REQUIRED TO OBTAIN FIRE RATINGS PER APPLICABLE BUILDING CODES.
    - E. UTILIZING MOISTURE RESISTANT GYPSUM BOARD AT ALL "WET" AREAS.
20. SEE REFLECTED CEILING PLANS FOR CEILING REQUIREMENTS.
21. SEE DOOR SCHEDULE FOR DOOR AND FRAME REQUIREMENTS.
22. PAINT FOR DRYWALL, CONCRETE, AND MASONRY SHALL BE TWO (2) COATS OF BENJAMIN MOORE "EXOSPEC" EGGSHELL LATEX PAINT OVER ONE (1) COAT OF A COMPATIBLE BENJAMIN MOORE QUICK DRY PRIME–SEAL LATEX PRIMER. PAINT FOR MISCELLANEOUS METALS AND TRIM SHALL BE TWO (2) COATS OF BENJAMIN MOORE ODORLESS INTERIOR SEMI–GLOSS "ECOSPEC" PAINT OVER ONE (1) COAT OF A COMPATIBLE BENJAMIN MOORE RUST–INHIBITIVE PRIMER.
23. CERAMIC FLOOR AND WALL TILE SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE TILE COUNCIL OF NORTH AMERICA HANDBOOK.
24. FLAME SPREAD OF ALL INTERIOR FINISHES SHALL MEET OR EXCEED CLASS "B" (ASTM–E–84) (26 TO 75 FLAME SPREAD AND SMOKE DENSITY OF 450 MAX, PER IBC TABLE 803.9).
25. PROVIDE DRY CHEMICAL "A–B–C" OR TYPE APPROPRIATE FOR THE HAZARD TYPE ENCOUNTERED, 10 lb. CAPACITY FIRE EXTINGUISHERS (F.E.), WHERE INDICATED ON THE FLOOR PLANS AND/OR AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION.
26. ALL PLUMBING, MECHANICAL, AND ELECTRICAL WORK SHALL BE IN FULL CONFORMANCE WITH THE APPLICABLE EDITIONS OF THE PLUMBING CODE, MECHANICAL CODE AND BUILDING CODE (RESPECTIVELY), AND ALL OTHER APPLICABLE CODES AND REGULATIONS.
27. PLUMBING WORK SHALL BE INSTALLED BY A PLUMBER LICENSED WITH THE AUTHORITY HAVING JURISDICTION IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODE AND NATIONAL PLUMBING CODES. GC TO COORDINATE SLAB AND WALL DEMOLITION, AND PATCHBACK NECESSARY FOR PLUMBING WORK.
28. ELECTRICAL WORK SHALL BE INSTALLED BY AN ELECTRICIAN LICENSED WITH THE AUTHORITY HAVING JURISDICTION IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE AND NATIONAL ELECTRICAL CODES. AN ELECTRICAL INSPECTION CERTIFICATE SHALL BE OBTAINED FROM AN INSPECTION AGENCY RECOGNIZED BY THE AUTHORITY HAVING JURISDICTION FOR ALL ELECTRICAL WORK, AND SUPPLIED TO THE DESIGNATED REPRESENTATIVE.
29. ALL WOOD FRAMING, BLOCKING, ETC, SHALL BE FIRE TREATED.
30. ALL WOOD FRAMING, BLOCKING, ETC, IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED AND SET IN MASTIC.
31. PROVIDE ANY AND ALL FIRE RETARDANT TREATED WOOD BLOCKING/BACKING OR 14 GA. GALV. FLAT STOCK BACKING AS REQUIRED TO ENSURE PROPER AND ADEQUATE SUPPORT (IN COMPLIANCE WITH BUILDING CODE MINIMUM LOADING REQUIREMENTS WHERE APPLICABLE) OF VARIOUS ITEMS INCLUDING, BUT NOT NECESSARILY LIMITED TO, HANDRAILS, CABINETRY, SHELVING, HANDICAP GRAB BARS, TOILET ACCESSORIES, CABLE TRAYS, CONDUITS, ETC.
32. ALL HANDICAP ACCESSIBILITY WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH 2010 ADA, ICC ANSI A117.1–2009, AND BUILDING CODE HANDICAP ACCESSIBILITY GUIDELINES AND REFERENCE STANDARDS.
33. GENERAL CONTRACTOR AND EACH SUB–CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIREMENTS AND ITEMS OF WORK THAT MAY BE REQUIRED TO PROVIDE FOR AND/OR ACCOMMODATE WORK OF OTHER TRADES INCLUDING WORK OF DESIGNATED REPRESENTATIVE SELECTED SECURITY VENDORS, COMMUNICATION VENDORS, AND OTHER VENDORS AS MAY BE ENGAGED. NO EXTRA WILL BE ENTERTAINED DUE TO THE LACK OF SUCH COORDINATION.
34. CONTRACTOR SHALL SUBMIT TO DESIGNATED REPRESENTATIVE ALL CUTS, M.S.D.S. SHEETS, AND SAMPLES OF FINISHES, EQUIPMENT & MATERIALS FOR APPROVAL PRIOR TO ORDERING, FABRICATION, OR COMMENCEMENT OF THE WORK. ALL SUBMISSIONS SHALL BE PROVIDED IN SETS OF FIVE (5) AND TIMED SUCH THAT MATERIAL DELIVERIES & INSTALLATION ACCOMMODATE THE SCHEDULE & COMPLETION DATE ESTABLISHED BY THE DESIGNATED REPRESENTATIVE.
35. FOR PORTIONS OF THE BUILDING THAT REMAIN OCCUPIED DURING CONSTRUCTION, CONTRACTOR SHALL PROVIDE ALL REQUIRED TEMPORARY PARTITIONS, DUST PROTECTION AND SEPARATION REQUIRED TO PROVIDE OCCUPANTS WITH SAFE EGRESS, AND ACCESS TO REQUIRED FACILITIES (I.E. RESTROOMS, ELEC. CLOSETS, ETC.) CONTRACTOR SHALL MINIMIZE DISRUPTION TO OCCUPANTS AS A RESULT OF NOISE, TRAFFIC, PARKING, SITE AND BUILDING ACCESS, ETC.
36. CONTRACTOR SHALL PROVIDE A MINIMUM OF 72 HOURS WRITTEN NOTICE TO DESIGNATED REPRESENTATIVES FOR ANY PLANNED DISRUPTIONS OF BUILDING PLUMBING, MECHANICAL, ELECTRICAL, OR OTHER CRITICAL SYSTEMS SERVICING THE TENANT SPACE.
37. ALL INTENSIVE NOISE PRODUCING ACTIVITIES SUCH AS CORE DRILLING, CONCRETE SLAB CUTTING OR CHOPPING MAY BE PERFORMED OFF HOURS. COORDINATE REQUIREMENTS WITH DESIGNATED REPRESENTATIVES AND INCORPORATE INTO BASE BID.
38. IT IS NOT THE INTENT TO SHOW EACH AND EVERY PART OR COMPONENT OF ANY GIVEN ASSEMBLY, BUT RATHER TO SHOW SYSTEMS IN PLACE DEPICTING THE DESIRED END PRODUCT. CONTRACTOR SHALL PROVIDE ANY AND ALL PERIPHERAL ITEMS THAT MAY REASONABLY BE UNDERSTOOD AS BEING NECESSARY FOR THE COMPLETE AND PROPER EXECUTION OF THE WORK. THE COST FOR THESE ITEMS SHALL BE INCORPORATED INTO THE CONTRACTORS BASE BID. NO EXTRA WILL BE ENTERTAINED DUE TO LACK OF INCLUSION IN THE WORK.
39. THE DESIGNATED REPRESENTATIVE, THE ARCHITECT AND/OR THEIR CONSULTANTS DO NOT IMPLY, NOR DO THEY ASSUME RESPONSIBILITY FOR, THE METHOD OF DEMOLITION AND CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY TEMPORARY SHORING, BRACING, AND PROTECTION OF EXISTING AND NEW WORK, AS MAY BE REQUIRED FOR PROTECTING THE INTEGRITY OF THE STRUCTURE, AND FOR ENSURING THE SAFETY OF ITS OCCUPANTS.
40. REFER TO DECOR COMPANY DRAWINGS FOR FINISH PRODUCT SPECIFICATIONS. (SEE NOTE 24 FOR ADDITIONAL REQUIREMENTS). G.C. TO COORDINATE ORDERING OF PRODUCTS WITH DECOR VENDOR.
41. REFER TO DECOR COMPANY DRAWINGS FOR SEATING LAYOUT, ADDITIONAL FRONT COUNTER INFORMATION, CEILING HEIGHTS, AND FINISHES.
42. AT PRE–CON MEETING, GC TO VERIFY POWER AND DATA REQUIREMENTS FOR CREW ROOM.
43. DECORATIVE MATERIALS SHALL BE FLAME RETARDANT AND MEET THE CRITERIA OF NFPA 701.
44. DECORATIVE MATERIALS SHALL NOT CONCEAL EXITS. EXIT LIGHTS, ALARM STATIONS, HOSE CABINETS AND EXTINGUISHER LOCATIONS.
45. WHEN BUILDING TYPE IS A NON–COMBUSTIBLE CATEGORY, ALL PLYWOOD SHALL BE FIRE RETARDANT TREATED.
46. A. FRP OVER CEMENT BD BEHIND 3–COMP SINK TO HEIGHT OF BACK SPLASH.
    B. TILE WAINSCOTT TO 6' A.F.F. OVER CEMENT BD. OVER EXT GRADE PLYWOOD (NOTE 4) AT MOP SINKS.
47. PROVIDE CEMENT BOARD BACKER OR EQUIVALENT AT ALL TILE LOCATIONS.
48. PROVIDE VAPOR BARRIER BEHIND PLYWOOD AT WALLS AND BEHIND GYP. BD. AT CEILING.
49. SEE CEILING PLAN FOR HEIGHTS & LAYOUTS.
50. VWC ON EXTERIOR WALL ASSEMBLIES TO BE PERFORATED.
51. CONSTRUCTION ADMINISTRATION SERVICES NOTE:
    EBI CONSULTING HAS NOT BEEN ENGAGED TO PROVIDE CONSTRUCTION ADMINISTRATION SERVICES. JOSHUA W. CARRELL (ARCHITECT OF RECORD) IS NOT RESPONSIBLE FOR INTERPRETING THE INTENT OF THE CONSTRUCTION DOCUMENTS, INCLUDING MAKING MODIFICATIONS AS MAY BE NECESSARY DURING THE CONSTRUCTION PHASE; AND THAT THE ARCHITECT OF RECORD IS NO LONGER LIABLE FOR THE WORK WHERE CHANGES TO THE DOCUMENTS HAVE BEEN MADE.

PREPARED BY:
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SIGNED BY:
STATE OF MISSOURI — JOSHUA W. CARRELL — NUMBER A-2018040323 — ARCHITECT
DATE: 7/26/2021
NAME:
LICENSE NO:

PREPARED FOR: McDonald's USA, LLC

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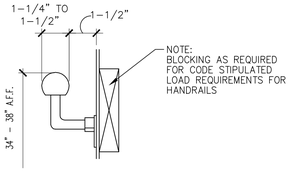
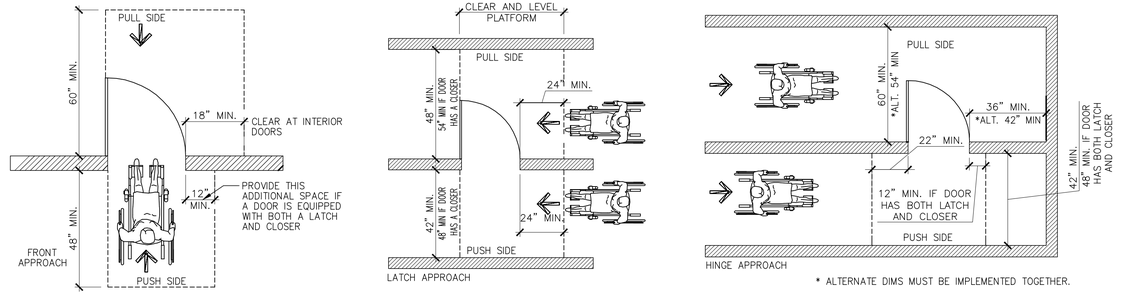
0	FOR PERMIT	9/24/21	SH

DRAWN BY	REVIEWED BY	STD ISSUE DATE	DATE ISSUED	SITE ID NO.
JEC	JWC	2019		11618

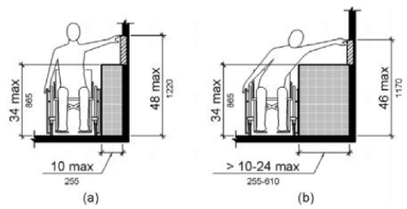
PROJECT TITLE: MCDONALD'S RESTAURANT SMITHVILLE: 2020 MOD C
SHEET TITLE: GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
SITE ADDRESS: 1515 S 169 HWY SMITHVILLE, MO 64089
PROJECT NO. 4119000234
SHEET NO. G1.0



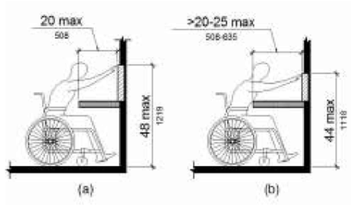
1 HANDRAIL SCALE: N.T.S.



2 ACCESSIBLE DOOR APPROACHES SCALE: N.T.S.



3 OBSTRUCTED HIGH SIDE REACH RANGES SCALE: N.T.S.



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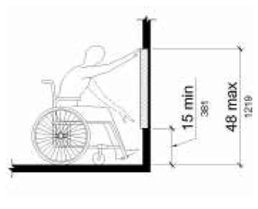
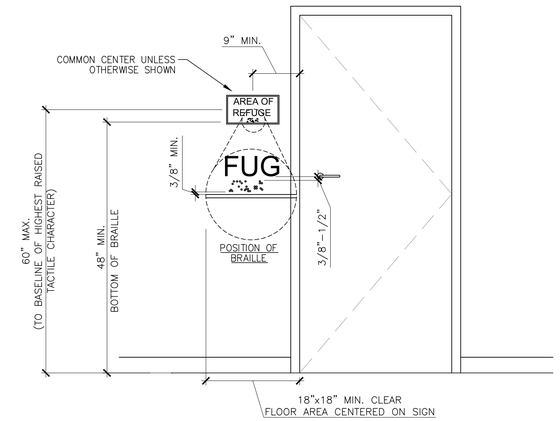


UNOBSTRUCTED HIGH FORWARD REACH

4 FORWARD REACH RANGES SCALE: N.T.S.

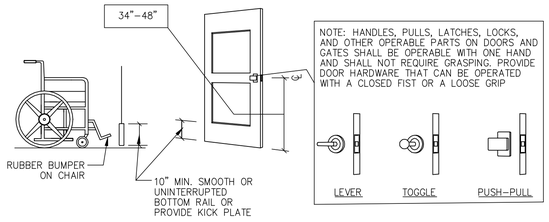


5 STANDARD DIMENSIONS SCALE: N.T.S.

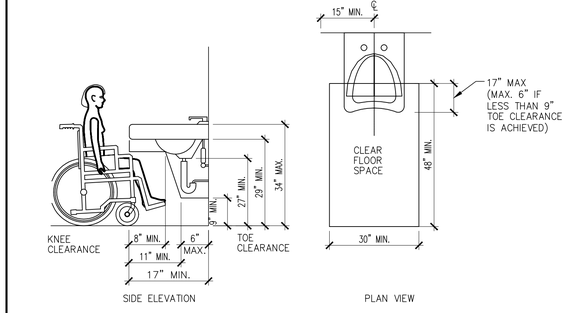
CLOSING SPEED.
DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.
SPRING HINGES.
DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70 DEGREES, THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MINIMUM.

MAX. DOOR CLOSER PRESSURES

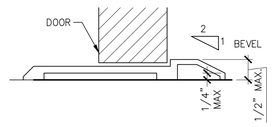
5.0 LBS. ..... INTERIOR
8.5 LBS. ..... EXTERIOR
NO. OF LBS DETERMINED BY AHJ..... FIRE*



6 DOOR CONSTRUCTION AND DOOR HARDWARE SCALE: N.T.S.

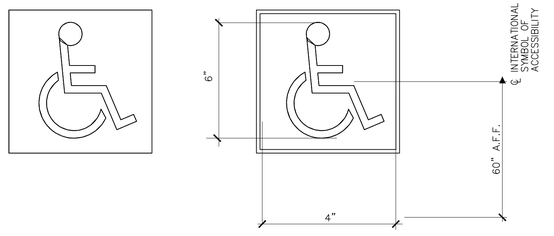


7 KNEE CLEARANCE SCALE: N.T.S.

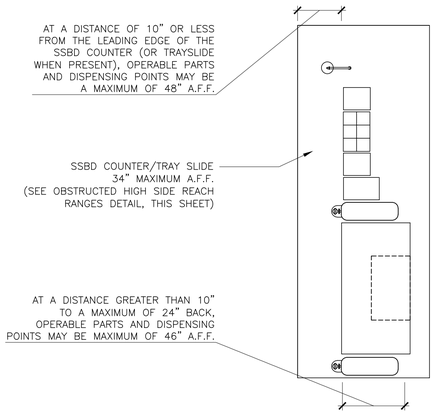


8 DOOR THRESHOLD SCALE: N.T.S.

NOTES:
(APPLICABLE TO DETAIL 5, THIS SHEET, AS WELL.)
1. INFORMATION CONTAINED ON SIGNS WILL BE PRESENTED USING RAISED ARABIC NUMERALS AND BRAILLE SYMBOLS.
2. SYMBOL SHALL CONTRAST WITH DOOR, EITHER LIGHT ON A DARK BACKGROUND OR DARK ON A LIGHT BACKGROUND.
3. ALL SIGNAGE SHALL CONFORM WITH THE FOLLOWING FEDERAL AND STATE LAWS: 2010 AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES, ICC/ANSI A117.1-2009 GUIDELINES, AND CHAPTER 11 OF THE INTERNATIONAL BUILDING CODE PLUS LOCAL AMENDMENTS AND SUPPLEMENTS.



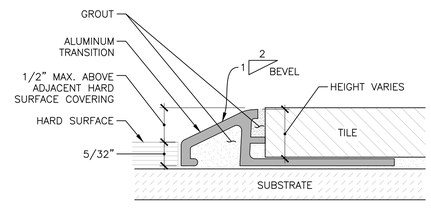
9 INTERNATIONAL SYMBOL OF ACCESSIBILITY SCALE: N.T.S.



10 SELF SERVICE BEVERAGE BAR DETAIL

DIMENSIONS SHOWN ON THIS AND OTHER DRAWINGS DEPICT PROPER DIMENSIONS FOR COMPLIANCE WITH ICC/ANSI A117.1-2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, AND 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN GUIDELINES. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS TO DETERMINE IF COMPLIANCE WILL BE ACHIEVED BASED UPON THE SCOPE OF WORK SHOWN ON THE DRAWINGS. CONTRACTOR SHALL MAKE ADJUSTMENTS TO FIXTURE PLACEMENT AS REQUIRED TO ACHIEVE COMPLIANCE. THE COST FOR MAKING SUCH ADJUSTMENTS SHALL BE INCORPORATED INTO THE CONTRACTOR'S BASE BID. IN THE EVENT EXISTING CONDITIONS PRECLUDE COMPLIANCE OR IF SIGNIFICANT ADJUSTMENTS ARE REQUIRED, CONTRACTOR SHALL NOTIFY THE DESIGNATED REPRESENTATIVE. NO EXTRA WILL BE ENTERTAINED IF THE FOREGOING PROCEDURE IS NOT FOLLOWED.

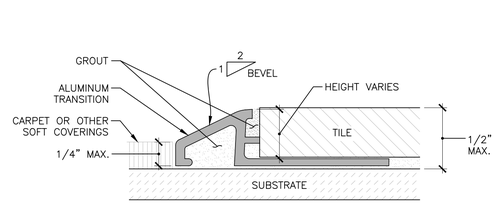
11 HANDICAP ACCESSIBILITY NOTE



SCHLUTER SYSTEMS
SLOPED FLOOR TRANSITIONS
(SCHLUTER-RENO-U, OR APPROVED EQUAL)

NOTE:
DETAIL IS APPLICABLE WHERE OTHER HARD SURFACE COVERINGS ARE USED ON THE LOW SIDE OF THE TRANSITION STRIP.

12 FLOOR TRANSITION – HARD SURFACE SCALE: N.T.S.



SCHLUTER SYSTEMS
SLOPED FLOOR TRANSITIONS
(SCHLUTER-RENO-U, OR APPROVED EQUAL)

NOTE:
DETAIL IS APPLICABLE WHERE CARPET OR OTHER "SOFT" COVERINGS ARE USED ON THE LOW SIDE OF THE TRANSITION STRIP.

13 FLOOR TRANSITION – SOFT SURFACE

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SIGNED BY:
STATE OF MISSOURI
JOSHUA W. CARRELL
NUMBER A-2018040323
ARCHITECT
DATE: 7/26/2021
NAME:
LICENSE NO:

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CONSULTANT:

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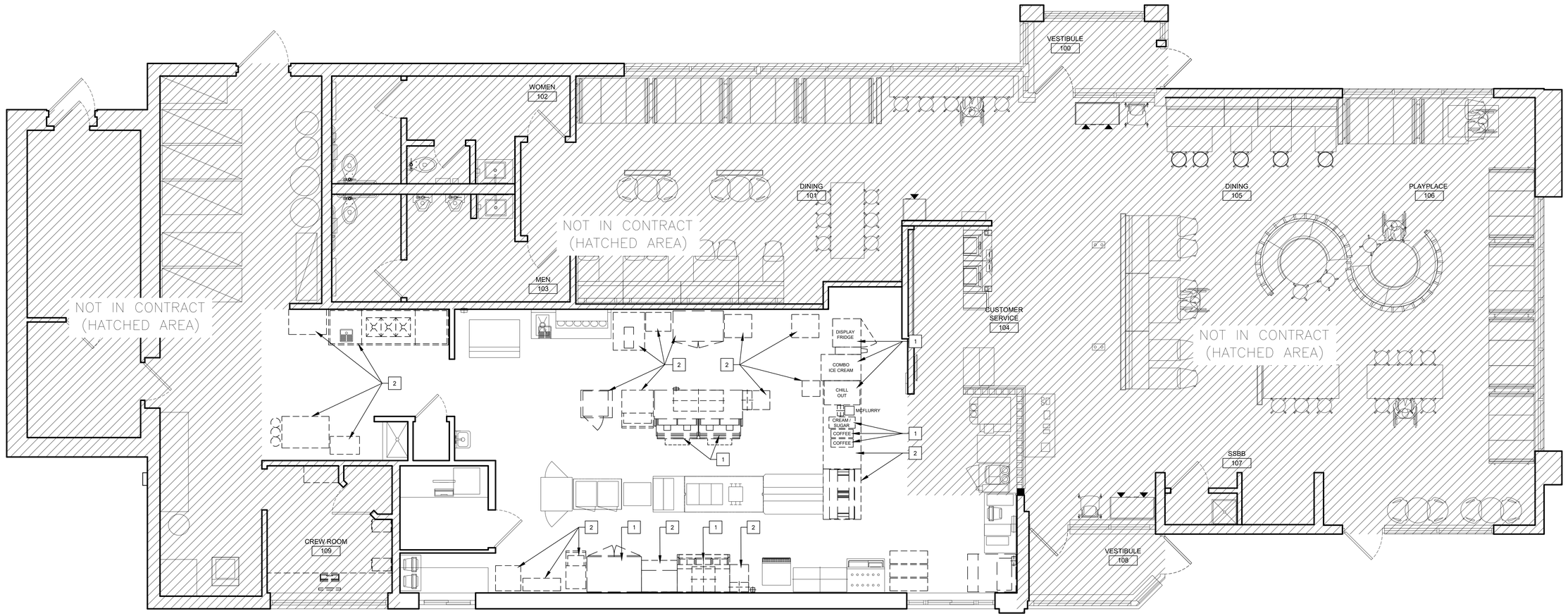
DRAWN BY: JEC
CHECKED BY: JWC
PLOT SCALE: 2019
DATE ISSUED:
EBI ID NO: 11618

PROJECT TITLE: MCDONALD'S RESTAURANT SMITHVILLE: 2020 MOD C
SHEET TITLE: HANDICAP ACCESSIBILITY STANDARDS
SITE ADDRESS: 1515 S 169 HWY SMITHVILLE, MO 64089

PROJECT NO. 4119000234

SHEET NO. G2.0



1 D1.0 **DEMOLITION FLOOR PLAN** SCALE: 1/4" = 1'-0"

NORTH

DEMOLITION NOTES

1. GENERAL CONTRACTOR (G.C.) AND HIS SUB-CONTRACTORS SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATORY AGENCIES AND THEIR CODES AND REGULATIONS FOR NEW CONSTRUCTION AND DEMOLITION WORK.
2. REFER TO GENERAL NOTE 18, DWG G1.0 FOR REQUIREMENTS PERTAINING TO DISCOVERY OF HAZARDOUS MATERIALS.
3. THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNATED REPRESENTATIVE FOR CLARIFICATION AND AMENDMENT AS REQUIRED. COORDINATE LOCATION AND SIZE OF ALL REQUIRED OPENINGS IN EXISTING FLOOR WITH ARCHITECTURAL FLOOR PLAN AND WITH PLUMBING AND ELECTRICAL DRAWINGS.
4. COORDINATE PHASING OF ALL DEMOLITION WORK WITH MCDONALD'S REPRESENTATIVE AND WITH STORE REPRESENTATIVE. CONTRACTORS STORAGE AND STAGING AREAS ON SITE SHALL BE AS APPROVED BY THE MCDONALD'S AND FRANCHISE REPRESENTATIVES.
5. REMOVE ALL ITEMS AS INDICATED ON PLANS. SEE SYMBOLS/LEGEND ON DRAWING G1.0. SEE ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION WORK.
6. DEMOLITION DRAWINGS SHOW THE GENERAL SCOPE OF DEMOLITION AND SHALL NOT BE LIMITED TO THE CONTENTS OF THE DEMOLITION DRAWINGS. CONTRACTOR SHALL REVIEW ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION TO ASCERTAIN ALL WORK REQUIRED TO FACILITATE THE NEW CONSTRUCTION AS DESCRIBED HEREIN.
7. WALLS OF THIS BUILDING MAY SUPPORT PORTIONS OF THE EXISTING FLOOR OR ROOF FRAMING. G.C. SHALL COORDINATE REMOVALS OF SELECTED PORTIONS OF SUCH WALLS FOR THE PURPOSE OF CREATING NEW MASONRY OPENINGS WITH RELATED TRADES.
8. PRIOR TO REMOVAL OR CUTTING OF OPENINGS THROUGH STRUCTURAL WALLS AND SLABS, CONTRACTOR SHALL PROVIDE ADEQUATE SHORING FOR STRUCTURAL LOADS. SUPPORTS SHALL NOT BE REMOVED UNTIL NEW STRUCTURAL SYSTEM IS IN PLACE. CARE SHALL BE TAKEN SO AS NOT TO DAMAGE OR ALTER ANY EXISTING STRUCTURAL MEMBERS. THE ARCHITECT AND OWNER SHALL BE NOTIFIED IMMEDIATELY IF ANY DAMAGE OCCURS OR IS DISCLOSED DURING DEMOLITION.
9. DO NOT REMOVE ITEMS SUPPORTING OTHER MEMBERS WITHOUT PROVIDING TEMPORARY OR PERMANENT BRACING AS REQUIRED.
10. ADEQUATELY PROTECT AND SECURE ALL PENETRATIONS AND OPENINGS IN THE EXTERIOR BUILDING ENVELOPE, DUE TO REMOVAL AND/OR CONSTRUCTION FROM ALL MANNER OF FOUL WEATHER AND UNIMPEDED PERSONAL ENTRY.
11. ALL ABANDONED UTILITY LINES ARE TO BE REMOVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL BACK TO ITS SOURCE. (INCLUDING ALL HANGARS, STRAPS, WIRES, ETC.) OF ANY ELECTRICAL, PLUMBING, GAS LINES, AND MECHANICAL DUCTWORK THAT ARE DISCOVERED AND NOT SCHEDULED FOR REUSE. GC IS RESPONSIBLE FOR REROUTING AND CONTINUATION OF ANY SYSTEM THAT MUST BE RETAINED FOR ADJACENT BUILDING AREAS THAT ARE NOT INCLUDED IN THIS CONTRACT. SEE PLUMBING AND ELECTRICAL DEMO DRAWINGS FOR ADDITIONAL INFORMATION. WHEN ITEMS ARE SHOWN AS DEMOLISHED ALL ASSOCIATED ABANDONED CONDUIT, WIRE HANGERS, STRAPS, AND SUPPORTS MUST ALSO BE REMOVED. GC IS TO REMOVE ANY EXISTING ABANDONED HANGARS, CONDUIT, DUCTWORK, ETC. FOUND ABOVE THE CEILING.
12. FLUORESCENT LAMPS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE MUNICIPAL CODES AND GUIDELINES PRIOR TO THE COMMENCEMENT OF CEILING ASSEMBLY REMOVAL. CARE SHALL BE TAKEN IN THE HANDLING AND DISPOSAL OF ALL LAMPS. IF LAMPS ARE BROKEN, PROPERLY CLEAN UP HAZARDOUS MATERIAL IN ACCORDANCE WITH ALL APPLICABLE MUNICIPAL CODES AND GUIDELINES.
13. PROVIDE WRITTEN NEW SEQUENCE OF OPERATIONS FOR REMOVAL WORK TO DESIGNATED REPRESENTATIVES FOR REVIEW PRIOR TO START OF WORK. INCLUDE COORDINATION FOR SHUT-OFF, CAPPING AND CONTINUATION OF UTILITY SERVICES AS REQUIRED, TOGETHER WITH DETAILS FOR DUST AND NOISE CONTROL PROTECTION, TO ENSURE UNINTERRUPTED CONTINUITY OF ON-GOING OCCUPANT ACTIVITIES.
14. PORTIONS OF THE BUILDING (FIRST FLOOR) IMMEDIATELY ADJACENT TO AREAS OF REMOVAL WILL REMAIN OCCUPIED. CONDUCT REMOVAL WORK IN A MANNER THAT WILL MINIMIZE NEED FOR DISRUPTION TO THE OCCUPANTS NORMAL OPERATIONS. PROVIDE MINIMUM OF 72 HOURS WRITTEN ADVANCE NOTICE TO THE DESIGNATED REPRESENTATIVES OF REMOVAL ACTIVITIES THAT WILL AFFECT OPERATIONS AND ONE WEEK WRITTEN ADVANCE NOTICE TO DESIGNATED REPRESENTATIVES FOR ANY REQUIRED SHUTDOWNS OF BASE BUILDING PLUMBING, MECHANICAL, ELECTRICAL, OR OTHER CRITICAL SYSTEMS. OWNER AND DESIGNATED REPRESENTATIVE DO NOT ASSUME RESPONSIBILITY FOR ACTUAL CONDITION OF COMPONENTS OR STRUCTURE TO BE REMOVED.
15. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO GOVERNING AUTHORITIES.
16. GC IS TO PROVIDE TEMPORARY DUST-PROOF PARTITIONS AND BARRIERS TO PROTECT THE PUBLIC AND OTHER OCCUPIED AREAS OF THE BUILDING FROM ANY POTENTIAL CONSTRUCTION HAZARDS OR CONTAMINATION. BARRIERS ARE TO BE METAL FRAME CONSTRUCTION WITH A PAINTED PLYWOOD FACE AND PLASTIC SHEETING. SEE DETAIL 6, DRAWING A4.3 FOR TEMPORARY PARTITION.
17. CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR WASTE DISPOSAL AND COORDINATE THESE ARRANGEMENTS WITH THE FRANCHISE REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING FROM THE SITE, ALL RUBBLE AND DEBRIS CAUSED BY DEMOLITION, AND DISPOSING OF IT IN A PROPER MANNER OFF PROPERTY.
18. GC SHALL PROTECT ALL ITEMS SHOWN TO REMAIN AND REPLACE AND/OR REPAIR ANY DAMAGED ITEMS OR CONSTRUCTION.
19. THE GC SHALL COORDINATE THE DISPOSITION OF ALL EXISTING EQUIPMENT AND FIXTURES TO BE REMOVED WITH THE FRANCHISE REPRESENTATIVE BEFORE DISCARDING. ALL ITEMS LISTED TO BE REMOVED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF.
20. WHERE WALLS, PARTITIONS, FLOORING, ACCESSORIES OR OTHER TYPES OF CONSTRUCTION ARE REMOVED, PATCH AND REPAIR ADJACENT AREAS AS REQUIRED TO RECEIVE NEW CONSTRUCTION OR FINISHES OR TO MATCH ADJACENT SURFACES. GC TO MAINTAIN ALL EXISTING AND REQUIRED FIRE RATED CONSTRUCTION THROUGHOUT TENANT'S SPACE.
21. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGNATED REPRESENTATIVE OF THE DISCOVERY OF ANY STRUCTURAL OR OTHER SIGNIFICANT BUILDING ELEMENTS PREVIOUSLY CONCEALED WITHIN EXISTING CONSTRUCTION THAT IS BEING REMOVED.

KEY NOTES

1 EXISTING KITCHEN EQUIPMENT TO BE RELOCATED.

2 EXISTING KITCHEN EQUIPMENT TO BE REMOVED.

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7TH ISSUE DATE: 2019
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JOB NO: 11618

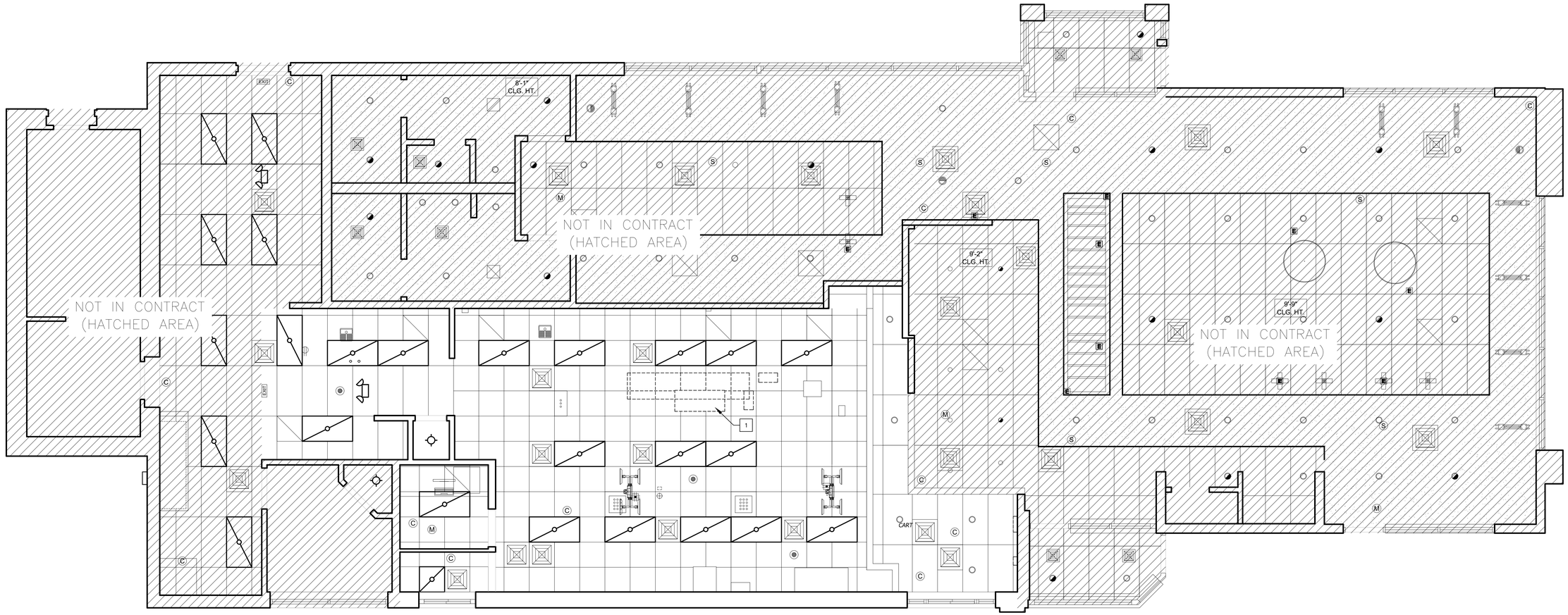
PROJECT TITLE: MCDONALD'S RESTAURANT
SMITHVILLE: 2020 MOD C

SHEET TITLE: DEMOLITION FLOOR PLAN

SITE ADDRESS: 1515 S 169 HWY
SMITHVILLE, MO 64089

PROJECT NO. 4119000234

SHEET NO. **D1.0**



1 / D1.1 DEMOLITION REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

NORTH

CEILING DEMOLITION NOTES

1. VARIOUS CEILING APPURTENANCES INCLUDING LIGHTING, HVAC SUPPLIES AND RETURNS, FIRE SPRINKLER HEADS, CEILING MOUNTED ELECTRICAL RECEPTACLES, TEMPERATURE SENSORS, CAMERAS, SPEAKERS, ETC. MAY EXIST AND ARE TO BE RELOCATED TO NEW CEILING ASSEMBLIES (VERIFY EXISTENCE IN FIELD).
2. EXACT NUMBER OF CEILING MOUNTED ITEMS TO BE VERIFIED IN FIELD.
3. EXISTING HVAC DUCTWORK TO REMAIN.
4. HVAC SUPPLY AND RETURN AIR ARRANGEMENT AND EXHAUST FAN SYSTEM TO REMAIN AND BE ADAPTED TO NEW OR MODIFIED CEILING ASSEMBLIES. FINAL LOCATIONS OF THESE ITEMS TO BE MINIMALLY ADJUSTED TO ACCOMMODATE NEW CEILING LAYOUTS.
5. IN THE EVENT THAT TOILET ROOM RETURN AIR GRILLES (AS SHOWN ON DRAWINGS) ARE FOUND TO BE CEILING MOUNTED EXHAUST FANS, FANS SHALL REMAIN AND BE THOROUGHLY CLEANED. THE CEILING TRIM SHALL BE REPLACED WITH NEW.
6. TEMPERATURE SENSORS, SPEAKERS, CAMERA, EMERGENCY LIGHT, ILLUMINATED EXIT SIGN, FIRE SPRINKLER SYSTEMS, AND FIRE ALARM COMPONENT ARRANGEMENTS TO REMAIN AND BE ADAPTED TO NEW OR MODIFIED CEILING ASSEMBLIES. FINAL LOCATIONS OF THESE ITEMS TO BE MINIMALLY ADJUSTED TO ACCOMMODATE NEW CEILING LAYOUTS OR AS OTHERWISE REQUIRED TO ACCOMMODATE ANY SIGNIFICANT CHANGES TO THE FLOOR PLAN LAYOUT.
7. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

CEILING LEGEND

(SEE ALSO SYMBOLS / LEGEND ON DRAWING G1.0)

- EXISTING ACOUSTICAL TILE CEILING ASSEMBLY TO BE REMOVED.
- EXISTING DIFFUSER TO REMAIN.
- EXISTING RETURN AIR GRILLE TO REMAIN.
- FLUORESCENT LAY–IN LIGHT FIXTURE TO REMAIN.
- EXISTING HI–HAT LIGHT FIXTURE TO BE REMOVED.
- EXISTING PENDANT LIGHT TO REMAIN.
- (S) EXISTING SPEAKERS TO BE REINSTALLED IN NEW CEILING.
- (C) EXISTING CAMERAS TO BE REINSTALLED IN NEW CEILING.
- EXISTING EMERGENCY LIGHT TO BE REMOVED.
- EXISTING COMBINATION EXIT SIGN/EMERGENCY LIGHT TO BE REMOVED.
- EXISTING EXIT SIGN TO BE REMOVED.
- (E) EXISTING HI–HAT LIGHT FIXTURE TO REMAIN AND BE RETROFITTED.
- EXISTING EMERGENCY LIGHT TO REMAIN.
- EXISTING EXIT SIGN TO REMAIN.
- EXISTING SPINKLER TO REMAIN.
- (M) EXISTING MECHANICAL SENSOR TO REMAIN.

KEYNOTES

1. EXISTING KITCHEN HOOD TO BE REMOVED. SEE 'KES' FOR MORE INFORMATION.

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DRAWN BY: JEC
REVIEWED BY: JWC
FOR YEAR, QUARTER, EMPL: 2019
DATE ISSUED:
SCALE: AS NOTED

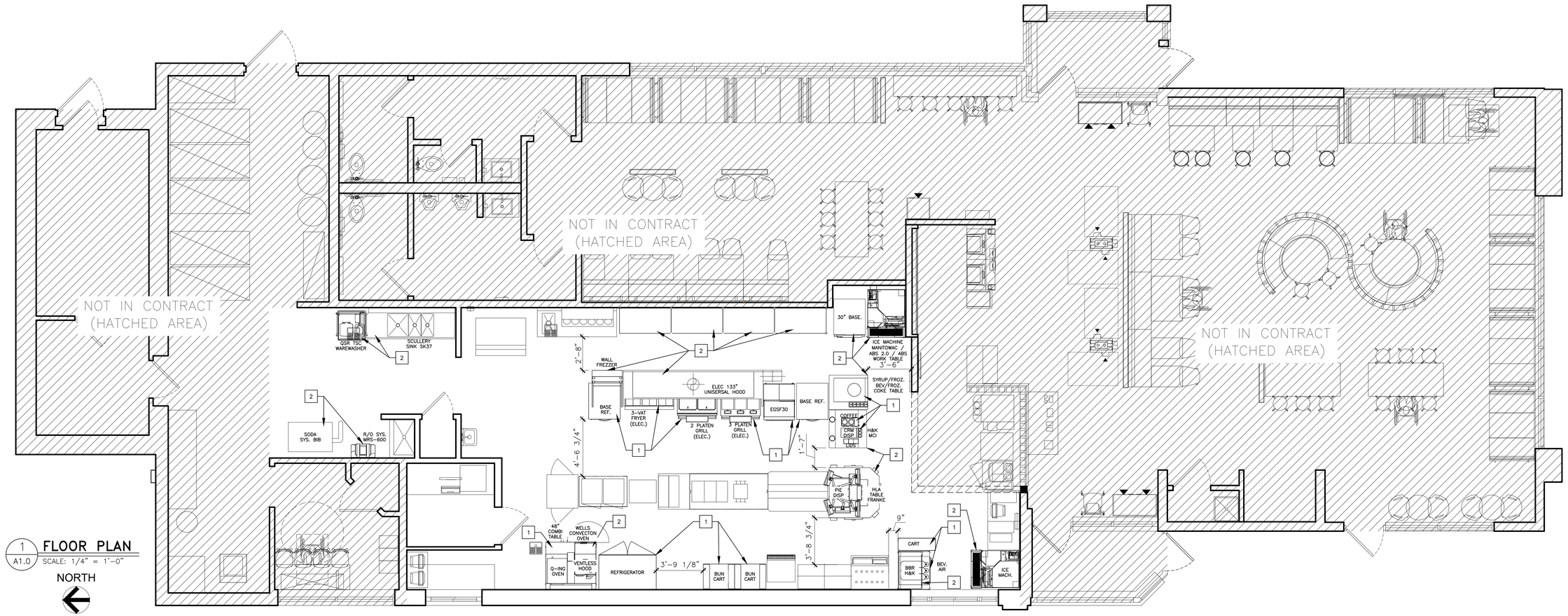
PROJECT TITLE: MCDONALD'S RESTAURANT
SMITHVILLE: 2020 MOD C

SHEET TITLE: REFLECTED CEILING PLAN – DEMOLITION

SITE ADDRESS: 1515 S 169 HWY
SMITHVILLE, MO 64089

PROJECT NO. 4119000234

SHEET NO. D1.1



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

NORTH

KEY NOTES

1. RELOCATED KITCHEN EQUIPMENT. SEE 'KES' DRAWINGS FOR FURTHER INFO.
2. NEW KITCHEN EQUIPMENT. SEE 'KES' DRAWINGS FOR FURTHER INFO.

PREPARED BY:
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SIGNED BY:

STATE OF MISSOURI
JOSHUA W. CARRELL
NUMBER A-2018040323
ARCHITECT

DATE: 7/26/2021

NAME:

LICENSE NO:

PREPARED FOR: McDonald's USA, LLC

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JEC	JWC	2019		11618

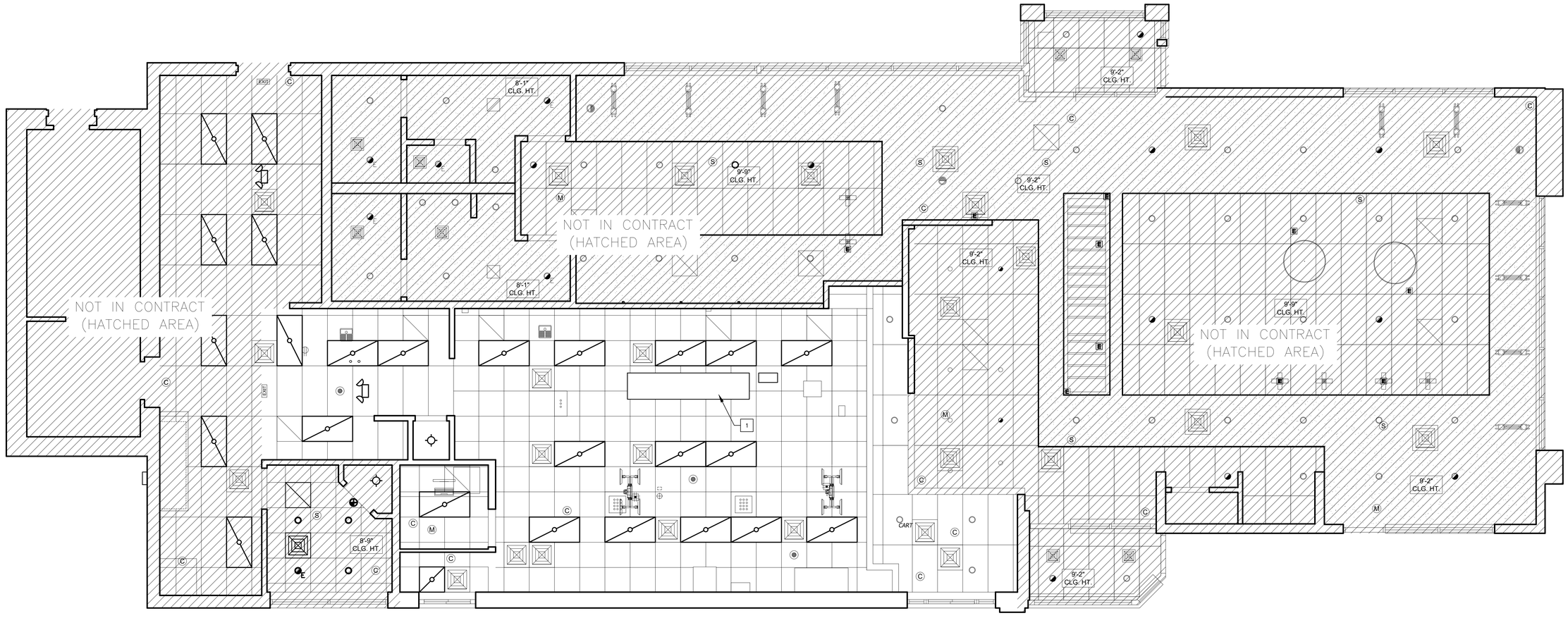
PROJECT TITLE: MCDONALD'S RESTAURANT
SMITHVILLE: 2020 MOD C

SHEET TITLE: FLOOR PLAN

SITE ADDRESS: 1515 S 169 HWY
SMITHVILLE, MO 64089

PROJECT NO. 4119000234

SHEET NO. A1.0



1 A1.1 **PROPOSED REFLECTED CEILING PLAN**
SCALE: 1/4" = 1'-0"

NORTH

CEILING NOTES

1. VARIOUS CEILING APPURTENANCES INCLUDING LIGHTING, HVAC SUPPLIES AND RETURNS, FIRE SPRINKLER HEADS, CEILING MOUNTED ELECTRICAL RECEPTACLES, TEMPERATURE SENSORS, CAMERAS, SPEAKERS, ETC. MAY EXIST AND ARE TO BE RELOCATED TO NEW CEILING ASSEMBLIES (VERIFY EXISTENCE IN FIELD).
2. EXACT NUMBER OF CEILING MOUNTED ITEMS TO BE VERIFIED IN FIELD.
3. EXISTING HVAC DUCTWORK TO REMAIN.
4. HVAC SUPPLY AND RETURN AIR ARRANGEMENT AND EXHAUST FAN SYSTEM TO REMAIN AND BE ADAPTED TO NEW OR MODIFIED CEILING ASSEMBLIES. FINAL LOCATIONS OF THESE ITEMS TO BE MINIMALLY ADJUSTED TO ACCOMMODATE NEW CEILING LAYOUTS.
5. IN THE EVENT THAT TOILET ROOM RETURN AIR GRILLES (AS SHOWN ON DRAWINGS) ARE FOUND TO BE CEILING MOUNTED EXHAUST FANS, FANS SHALL REMAIN AND BE THOROUGHLY CLEANED. THE CEILING TRIM SHALL BE REPLACED WITH NEW.
6. TEMPERATURE SENSOR, SPEAKERS, CAMERA, EMERGENCY LIGHT, ILLUMINATED EXIT SIGN, FIRE SPRINKLER SYSTEM, AND FIRE ALARM COMPONENT ARRANGEMENTS TO REMAIN AND BE ADAPTED TO NEW OR MODIFIED CEILING ASSEMBLIES. FINAL LOCATIONS OF THESE ITEMS TO BE MINIMALLY ADJUSTED TO ACCOMMODATE NEW CEILING LAYOUTS OR AS OTHERWISE REQUIRED TO ACCOMMODATE ANY SIGNIFICANT CHANGES TO THE FLOOR PLAN LAYOUT.
7. FOR CEILING FINISHES, HEIGHTS AND DETAILS SEE INTERIOR DECOR DRAWINGS.
8. FOR LIGHTING SPECIFICATIONS AND ADDITIONAL INFORMATION, SEE ELECTRICAL AND DECOR DRAWINGS.
9. FIXTURE QUANTITIES AND LOCATIONS MAY VARY DEPENDING UPON FINAL FURNITURE LAYOUT. SEE INTERIOR DECOR DRAWING FOR FURNITURE LAYOUT.
10. MINIMUM CEILING HEIGHT IS 7'-6". SEE DECOR INTERIOR DRAWINGS FOR CEILING HEIGHTS.

SUSPENDED CEILING NOTES

SEC. 803.9 & SEC. 2506.2,2015 IBC
ASTM C-635 & SEC. 13.5.6, ASCE-7-05

1. SUSPENDED CEILING SYSTEMS SHALL BE DESIGNED TO RESIST A LATERAL FORCE OF 20% OF THE WEIGHT OF THE CEILING ASSEMBLY AND ANY LOADS TRIBUTARY TO THE SYSTEM FOR PURPOSES OF DETERMINING THE LATERAL FORCE. A MIN. WEIGHT OF 5 POUNDS PER SQ. FT. SHALL BE USED.
2. WHEN THE CEILING LOADS DO NOT EXCEED 5 POUNDS PER SQ. FT. AND WHERE PARTITIONS ARE NOT CONNECTED TO THE CEILING SYSTEM, THE FOLLOWING BRACING SYSTEM MAY BE EMPLOYED:
3. LATERAL SUPPORT MAY BE PROVIDED BY FOUR WIRES OF MAXIMUM NO. 12 GA. SPLAYED IN FOUR DIRECTIONS 90 DEGREES APART, AND CONNECTED TO THE MAIN RUNNER WITHIN 2" OF THE CROSS RUNNER AND TO THE STRUCTURE ABOVE AT AN ANGLE NOT EXCEEDING 45 DEGREES FROM THE PLANE OF THE CEILING. THESE LATERAL SUPPORT POINTS SHALL BE PLACED 12'-0" ON CENTER IN EA. DIRECTION, WITH THE FIRST POINT WITHIN 6'-0" FROM EA. WALL.
4. ALLOWANCE SHALL BE MADE FOR LATERAL MOVEMENT OF THE SYSTEM. MAIN RUNNERS AND CROSS RUNNERS MAY BE ATTACHED AT TWO ADJACENT WALLS WITH CLEARANCE BETWEEN THE WALL AND THE RUNNERS MAINTAINED AT THE OTHER WALLS.
5. VERTICAL SUPPORT SHALL BE PROVIDED AS REQUIRED IN CBC STANDARD WITH THE ADDED REQUIREMENT THAT DISCONTINUOUS END OF CROSS RUNNERS AND MAIN RUNNERS SHALL BE VERTICALLY SUPPORTED WITHIN 8" OF SUCH DISCONTINUITIES AS MAY OCCUR WHEN THE CEILING IS DISRUPTED BY A WALL.
6. LIGHTING FIXTURES AND AIR DIFFUSERS SHALL BE SUPPORTED DIRECTLY BY WIRES TO THE STRUCTURE ABOVE.

CEILING LEGEND

- EXISTING FLUORESCENT LAY-IN LIGHT FIXTURE.
- EXISTING SUPPLY DIFFUSER
- EXISTING RETURN AIR GRILL
- EXISTING GYP. CEILING / SOFFIT
- EXISTING EMERGENCY LIGHT TO REMAIN
- ILLUMINATED EXIT SIGN
- (S) EXISTING SPEAKER
- (C) EXISTING CAMERA
- (M) MECHANICAL SENSOR TO REMAIN.

KEY NOTES

1 NEW KITCHEN HOOD USING EXISTING ROOF PENETRATION, GC TO CONFIRM.
SEE 'KES' FOR MORE INFORMATION.

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REVIEWED BY: JWC
FOR YEAR, QUARTER: 2019
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SMITHVILLE: 2020 MOD C

SHEET TITLE: REFLECTED CEILING PLAN - PROPOSED

SITE ADDRESS: 1515 S 169 HWY
SMITHVILLE, MO 64089

PROJECT NO. 4119000234

SHEET NO. A1.1

SOME ABBREVIATIONS AND SYMBOLS MAY NOT BE USED IN THE DOCUMENTS THAT FOLLOW.

ABBREVIATION	DESCRIPTION
BV	BALANCING VALVE
BPW	BED PAN WASHER
CA	COMPRESSED AIR
CO	CLEAN OUT
COTG	CLEAN OUT TO GRADE
COP	CLEANOUT PLUG
CS	CLINIC SINK
CW	COLD WATER
CD, SCD	CONDENSATE DRAIN (PRIMARY), SECONDARY
DE	DEIONIZED WATER
DFU	DRAINAGE FIXTURE UNIT
DWS	DRINKING WATER SUPPLY
EST.	ESTIMATED
ET	EXPANSION TANK
EW	EMERGENCY EYE WASH
EWC	ELECTRIC WATER COOLER
EX. OR (E)	EXISTING
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FLR.	FLOOR
FS	FLOOR SINK
FV	FLUSH VALVE
GW	GREASE WASTE
HB	HOSE BIB
HW	HOT WATER
HWR	HOT WATER RECIRC.
LA	LAB AIR
LAV	LAVATORY
MB	MIXING BOX
MER	MECHANICAL ROOM
MAX.	MAXIMUM
MIN.	MINIMUM
MS	MOP SINK
NOM.	NOMINAL
P	PUMP
PD	PRESSURE DROP
PP	PLUMBING PUMP(RECIRC. PUMP)
PR	PRESSURE REGULATOR
PRV	PRESSURE REDUCING VALVE
PW	PURE WATER
RO	REVERSE OSMOSIS
RPZ	REDUCED PRESSURE BACKFLOW PREVENTOR
S	SINK
SAN	SANITARY WASTE
SB	SPINAL CORD BATH
SFU	SUPPLY FIXTURE UNIT
SH	SHOWER
SP	STATIC PRESSURE
SPS	STATIC PRESSURE SENSOR
TP	TRAP PRIMER
TT	TANK TYPE
U	URINAL
V	VENT
VFD	VARIABLE FREQUENCY DRIVE
VI	VIBRATION ISOLATOR
WC	WATER CLOSET
WCO	WALL CLEAN OUT
WFMD	WATER FLOW MEASURING DEVICE
WH	WATER HEATER
WHA	WATER HAMMER ARRESTER
WS	WATER SOFTENER

SYMBOL	DESCRIPTION
	DIRECTION OF PIPE PITCH (DOWN)
	DIRECTION OF FLOW
	REDUCER OR INCREASER
	ECCENTRIC REDUCER
	TOP CONNECTION, 45° OR 90°
	BOTTOM CONNECTION, 45° OR 90°
	SIDE CONNECTION
	CAPPED OUTLET
	RISE OR DROP IN PIPE
	UNION
	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
	STRAINER
	THERMOMETER
	PRESSURE GAGE
	ELBOW TURNED UP
	ELBOW TURNED DOWN
FCO	FLOOR CLEANOUT
COP	CLEANOUT PLUG OR FINISHED WCO
	BALL VALVE
	SHUT-OFF VALVE
	SAFETY VALVE (SV), RELIEF VALVE (RV), SAFETY RELIEF VALVE (SRV)
BP	BACK-FLOW PREVENTER

PLUMBING LEGEND

(N) NEW
(E) EXISTING TO REMAIN
(X) EXISTING TO BE REMOVED
(R) EXISTING TO BE RELOCATED

	CW COLD WATER
FW	FCW FILTERED COLD WATER
	HW HOT WATER
SS	SS SANITARY SEWER
GW	W GREASE WASTE
	V VENT
D	D CONDENSATE DRAIN
	POINT OF CONNECTION NEW TO EXISTING
	VTR VENT THRU ROOF

PLUMBING SPECIFICATION

A. GENERAL

1. REFER TO ALL OTHER DRAWINGS AND SPECIFICATIONS, AND BE RESPONSIBLE FOR ALL APPLICABLE PROVISIONS THEREIN. FURNISH AND INSTALL ALL NECESSARY LABOR AND MATERIALS FOR A COMPLETE SYSTEM. ANY APPLIANCES OR MATERIALS OBVIOUSLY A PART OF THE SYSTEM AND NECESSARY FOR ITS PROPER OPERATION, ALTHOUGH NOT SPECIFICALLY MENTIONED HEREIN, SHALL BE FURNISHED AND INSTALLED AS IF CALLED FOR IN DETAIL. WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND NFPA 90A AND THE BUILDING REGULATIONS. ATTAIN AND PAY FOR ALL REQUIRED PERMITS AND FEES. EQUIPMENT AND MATERIALS SHALL BE NEW, UNLESS OTHERWISE SPECIFIED.

2. DRAWINGS ARE GENERALLY DIAGRAMMATIC AND DO NOT NECESSARILY SHOW EVERY FITTING, OFFSET, DROP AND RISE OF RUNS, AND DETAIL. INSTALL DUCTS, EQUIPMENT AND CONTROLS IN A NEAT, WORKMANLIKE MANNER AND IN ACCORDANCE WITH GOOD PRACTICE FOR A COMPLETE, WORKABLE INSTALLATION. AVOID CONFLICT WITH LOCATIONS OF FIXTURES, APPARATUS, DUCTWORK AND PIPING, AND WHILE THESE ARE TO BE FOLLOWED AS CLOSELY AS POSSIBLE, IF IT IS NECESSARY TO CHANGE THE LOCATION OF SAME TO ACCOMMODATE BUILDING CONDITIONS, MAKE CHANGES WITHOUT ADDITIONAL COST TO THE OWNER AND AS APPROVED BY THE ARCHITECT. PROVIDE ADEQUATE ACCESS TO THE EQUIPMENT AND APPARATUS REQUIRING OPERATION, SERVICE OR MAINTENANCE WITHIN THE LIFE OF THE SYSTEM. DO NOT RUN PIPING OR DUCTWORK OR LOCATE EQUIPMENT (WITH RESPECT TO SWITCHBOARDS, PANEL BOARDS, POWER PANELS, MOTOR CONTROL CENTERS OR DRY TYPE TRANSFORMERS) WITHIN 42 INCHES OF FRONT OF EQUIPMENT, OVER EQUIPMENT, OR WITHIN 36 INCHES HORIZONTALLY OF SAME SPACE.

B. EXISTING CONDITIONS

1. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH JOB CONDITIONS BEFORE SUBMITTING HIS PROPOSAL. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS AND SIZES OF ALL EXISTING UTILITY SERVICES PRIOR TO SUBMITTING HIS PROPOSAL. NO CONSIDERATION WILL BE GIVEN TO CLAIMS FOR EXTRA COST ARISING FROM CONTRACTORS FAILURE TO BE FULLY COGNIZANT OF JOB OR SITE CONDITIONS EXISTING AT TIME OF ACCEPTANCE OF BID.

2. IF DURING THIS INSPECTION THE CONTRACTOR FINDS ANY OBSTRUCTION OR INTERFERENCE THAT MAY PROHIBIT THE PROPER INSTALLATION OF HIS WORK, HE IS TO MAKE IT KNOWN TO THE BUILDING MANAGEMENT AND/OR OWNER AND TENANT BEFORE AND AT THE TIME OF SUBMITTING HIS PROPOSAL.

3. BY SUBMISSION OF THE BID, IT IS UNDERSTOOD THAT SUCH INSPECTION HAS BEEN MADE AND INCLUDES ALL THE MATERIALS AND REQUIRED RELOCATION FOR ALL WORK.

4. ACTIVE SERVICES, WHEN ENCOUNTERED IN WORK, PROTECT, BRACE, SUPPORT EXISTING ACTIVE SEWERS, GAS AND OTHER SERVICES REQUIRED FOR PROPER EXECUTION OF WORK. IF EXISTING ACTIVE SERVICES ARE ENCOUNTERED THAT REQUIRE RELOCATION, RELOCATE AS APPROVED. DO NOT PREVENT OR DISTURB OPERATION OF ACTIVE SERVICES THAT ARE TO REMAIN.

5. INACTIVE SERVICES, WHEN ENCOUNTERED IN WORK, REMOVE, CAP OR PLUG INACTIVE SERVICES, AS INDICATED.

6. INTERRUPTION OF SERVICES, WHERE WORK MAKES TEMPORARY SHUT-DOWNS OF SERVICES UNAVOIDABLE, SHUT DOWN AT NIGHT, OR AT SUCH TIMES AS APPROVED BY OWNER AND THE BUILDING MANAGEMENT, WHICH WILL CAUSE LEAST INTERFERENCE WITH ESTABLISHED OPERATING ROUTINE. ARRANGE WORK TO ASSURE THAT SERVICES WILL BE SHUT DOWN ONLY DURING THE ACTUALLY REQUIRED TIME TO MAKE NECESSARY CONNECTION TO EXISTING WORK.

7. WHERE EXISTING WALLS, CEILINGS, FLOORS, ETC., ARE CUT OR OTHERWISE DAMAGED DURING CONSTRUCTION, REPAIR ALL SURFACES TO THEIR ORIGINAL CONDITION.

C. COORDINATION

1. COORDINATE ALL WORK UNDER THIS DIVISION WITH WORK UNDER OTHER DIVISIONS. PROVIDE ADJUSTMENTS AS NECESSARY, EQUIPMENT, APPARATUS, DUCTWORK, PIPING, ETC., INSTALLED WITHOUT REGARD FOR THE SPACE REQUIREMENTS OF OTHER TRADES WILL BE REWORKED AT THE EXPENSE OF THE INSTALLING SUB-CONTRACTOR IF IT CREATES AN UNNECESSARY HINDRANCE TO THE INSTALLATION OF ANOTHER TRADES WORK. ALL ITEMS MOUNTED AT OR BELOW THE CEILING, AND ANY ITEM PENETRATING THE CEILING, SHALL BE COORDINATED WITH THE ARCHITECTURAL REFLECTED CEILING PLANS.

D. PROTECTION OF WORK DURING CONSTRUCTION

1. PROVIDE PROTECTIVE COVERS, SKID, PLUGS OR CAPS TO PROTECT EQUIPMENT AND MATERIALS FROM DAMAGE AND DETERIORATION DURING CONSTRUCTION. PROTECT EXPOSED COILS WITH PLYWOOD OR OTHER SUITABLE RIGID COVERS TO AVOID DAMAGE TO FINS.

2. CONTRACTOR SHALL TAKE PRECAUTIONS AGAINST DAMAGING OR DISRUPTING BUILDING SYSTEMS, WIRING OR CONTROL TUBING FOR ADJACENT TENANTS. ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTORS COST.

3. PROTECT ALL EQUIPMENT AND MATERIALS FROM DAMAGE. ANY DAMAGE SHALL BE REPAIRED USING THE SAME MATERIALS AT THE CONTRACTOR'S COST.

PLUMBING SPECIFICATION (CONT.)

E. GUARANTEE

1. MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED AGAINST DEFECTS FOR ONE YEAR.

F. SUBMITTALS

1. SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH THE REQUIREMENTS OF DIVISION 1, AND AS FOLLOWS. SHOP DRAWINGS SHALL INCLUDE MANUFACTURER'S CERTIFIED DIMENSIONAL DATA, ROUGH-IN REQUIREMENTS, AND WARRANTY INFORMATION. SUBMIT SHOP DRAWINGS FOR THE FOLLOWING:

1.1. PLUMBING FIXTURES
1.2. PIPING MATERIAL

G. PIPING

1. GENERAL: PIPING SHALL BE COMPLETE WITH PIPE FITTINGS, VALVES, COUPLINGS, STRAINERS, HANGER RODS, HANGERS, SUPPORTS, GUIDES, SLEEVES AND ACCESSORIES IN CONFORMANCE WITH THE LATEST CODES AND ASME, ANSI, ASTM AND MSS STANDARDS. PROVIDE VERTICAL AND HORIZONTAL SUPPORTS AS REQUIRED BY CODES TO MEET MINIMUM APPLICABLE EARTHQUAKE RESISTANCE STANDARDS.

2. PROVIDE FITTINGS FOR CHANGE IN PIPE SIZE AND FOR FINAL CONNECTION AT EQUIPMENT, AS REQUIRED.

3. PIPING SUPPORTS

3.1. HORIZONTAL PIPING AND PIPING HANGERS SHALL BE ADJUSTABLE CLEVIS TYPE "CARPENTER + PATTERSON" FIGURE NO. 100 OR 100 SH OR APPROVED EQUAL. HANGER RODS SHALL BE OF THE FOLLOWING DIAMETER:

PIPE SIZE: 2 INCH & SMALLER: ROD DIAMETER: 3/8 INCH, MAX SPACING: 6 FEET.

PIPE SIZE: 2-1/2 INCH TO 3-1/2: ROD DIAMETER: 1/2 INCH, MAX SPACING: 8 FEET.

4. PIPING MATERIAL

4.1. WASTE WATER PIPING, BURIED (WITHIN 5' OF BUILDING) CAST IRON: SERVICE WEIGHT HUB AND SPIGOT CAST IRON, FOR ALL SOIL, WASTE AND VENT PIPING.

4.2. WASTE WATER PIPING, ABOVE GRADE: CAST IRON SERVICE WEIGHT, ASTM A74 W/ CAST IRON FITTINGS. JOINTS: ASTM C564, NEOPRENE GASKET SYSTEM OR CAST IRON: NO-HUB CAST IRON, CISPI 301-72T SPECIFICATION FOR ALL SOIL, WASTE AND VENT PIPING WITH STANDARD WEIGHT FITTINGS. JOINTS: NEOPRENE GASKET SYSTEM.

5. FITTINGS

5.1. STORMWATER, SANITARY WASTE AND VENT FITTINGS (ABOVEGROUND) SHALL BE NO-HUB CAST-IRON WITH RUBBER COUPLING AND STAINLESS STEEL BANDS, OR SCH. 40 PVC SOLVENT WELD.

5.2. STORM, SANITARY WASTE AND VENT FITTINGS (BELOW GROUND) SHALL BE HUB & SPIGOT CAST IRON WITH CODE APPROVED COMPRESSION TYPE, RUBBER GASKETS CONFORMING TO ASTM SPECIFICATION.

H. PLUMBING FIXTURES

1. PROVIDE PLUMBING FIXTURES AS INDICATED ON THE PLUMBING FIXTURE SCHEDULE. ALL PLUMBING FIXTURES SHALL BE COMPLETE AND READY FOR USE. STAINLESS STEEL SINKS SHALL BE SATIN FINISHED.

2. PROVIDE STOPS, TRAPS, ESCUTCHEONS, CONNECTIONS, ETC. FOR ALL FIXTURES AS NECESSARY TO COMPLETE THE INSTALLATION OF EACH FIXTURE, WHETHER SUCH ITEMS ARE LISTED OR NOT.

PLUMBING FIXTURE AND CONNECTION SCHEDULE

MARK	FIXTURE TYPE	DESCRIPTION	WASTE	VENT	CW SUPPLY	HW SUPPLY
FS-1	FLOOR SINK	SIOUX CHIEF 861 SERIES PVC SQUARE FLOOR SINK, IMPACT-MODIFIED PVC WITH SCHEDULE 40 HUB CONNECTION CONFORMING TO ASTM D2665. HEELPROOF, DESIGNED WITH CONCRETE ANCHOR FLANGE, DUCTILE IRON COVER, 7500 LBS LOAD RATING. VERIFY MODEL WITH MCDONALDS.	2" OR 3"	1-1/2" OR 2"	-	-

GENERAL NOTES:

1. SOIL AND WASTE PIPE SHALL SLOPE 1/8" PER FOOT MINIMUM, UNLESS OTHERWISE NOTED OR REQUIRED BY CODE.
2. VERIFY THE LOCATION OF THE SANITARY SEWER ON THE PLANS AND REVISE THE SEWER SYSTEM AS REQUIRED.
3. ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND THE OWNER'S REPRESENTATIVE PRIOR TO ANY INSTALLATION.
4. ALL PLUMBING FIXTURE VENTS SHALL TERMINATE A MINIMUM OF 12 INCHES FROM ANY VERTICAL SURFACE AND AT LEAST 10 FEET FROM ANY OUTSIDE AIR INTAKE.
5. ALL FLOOR SINKS AND FLOOR DRAINS IN TRAFFIC AREAS SHALL BE INSTALLED FLUSH WITH FLOOR SURFACE.
6. PRIOR TO COMMENCING WORK ON THIS PROJECT, VERIFY DEPTH, SIZE, LOCATION AND CONDITION OF ALL EXISTING UTILITIES IN FIELD. SHOULD CONDITIONS EXIST OTHER THAN THOSE INDICATED WHICH WOULD CAUSE THE DESIGN TO BE ALTERED, CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY.
7. COORDINATE INSTALLATION OF PLUMBING WORK WITH ALL OTHER TRADES SO AS TO AVOID UNNECESSARY DELAY OR INTERFERENCES. CONTRACTOR SHALL REVIEW ARCHITECTURAL AND EQUIPMENT SHEETS.

PROJECT DESCRIPTION

1. INSTALL PLUMBING FIXTURES AS INDICATED ON THE PLANS.
2. RE-WORK WASTE, AND VENT PIPING AS REQUIRED.

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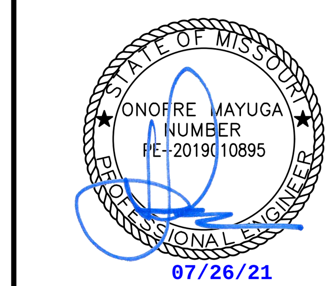

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DRAWN BY
REVIEWED BY
STD ISSUE DATE
DATE ISSUED
SITE ID NO. 11618

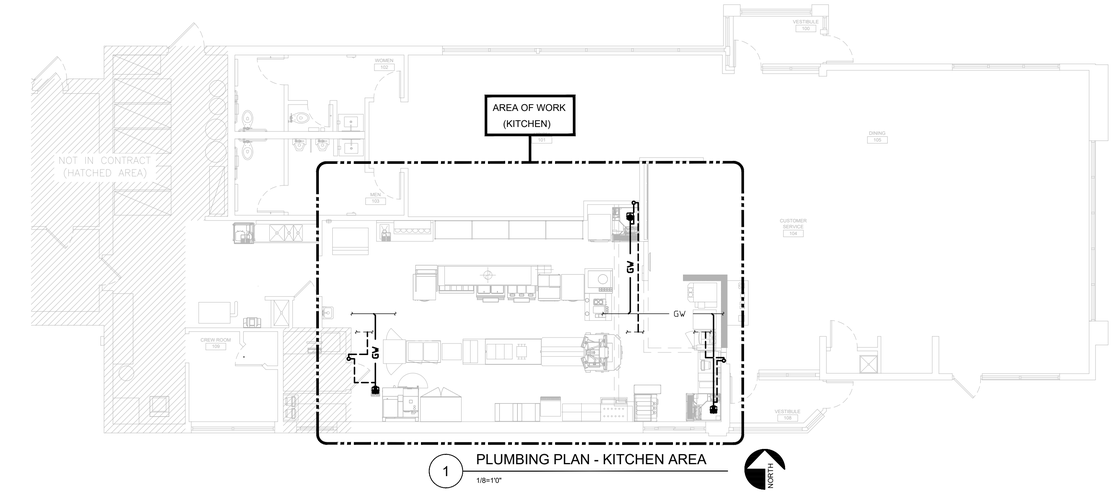
PROJECT TITLE
MCDONALD'S RESTAURANT
SMITHVILLE: 2020 MOD C

SHEET TITLE
PLUMBING SPECIFICATIONS
SYMBOLS, & GENERAL NOTES

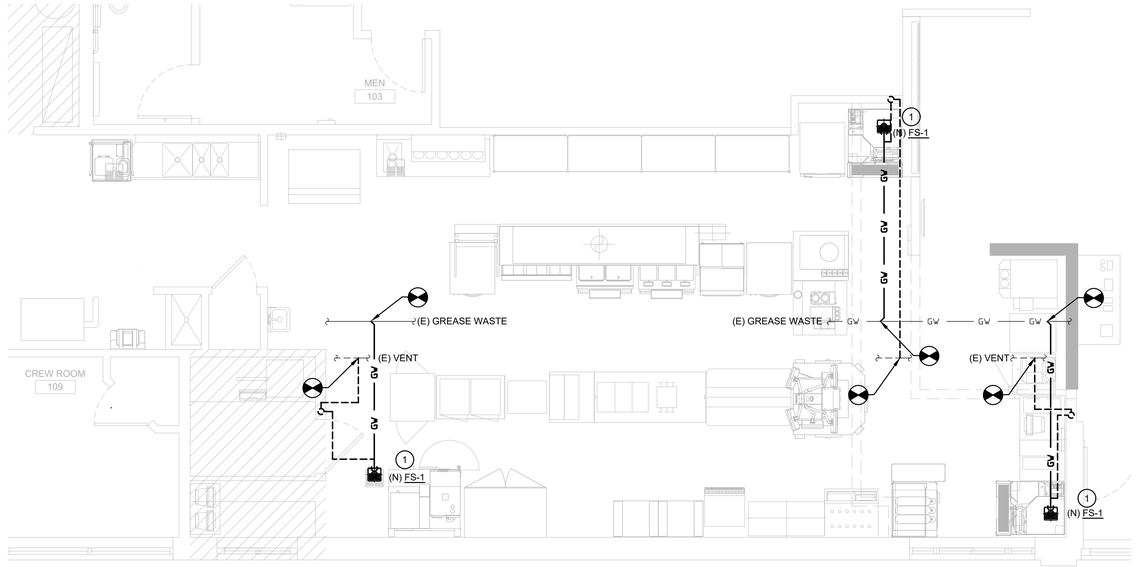
SITE ADDRESS
1515 S 169 HWY
SMITHVILLE, MO 64089

PROJECT NO. 4119000234

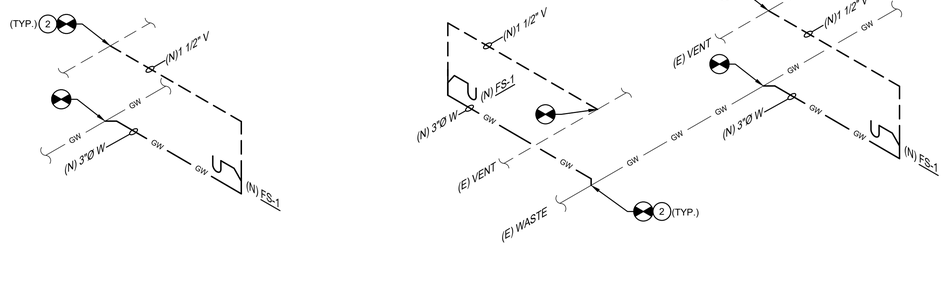
SHEET NO.
P0.0



1 PLUMBING PLAN - KITCHEN AREA
1/8"=1'0"



2 WASTE PIPING FLOOR PLAN
1/4"=1'-0"



4 WASTE PIPING SCHEMATIC
NTS

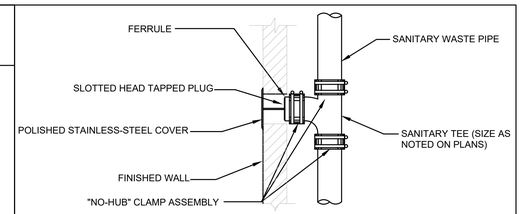
GENERAL NOTES

1. EXACT LOCATION OF PLUMBING FIXTURES SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS.
2. BEFORE SUBMITTING BID, THE PLUMBING CONTRACTOR SHALL REVIEW THE ARCH. DRAWINGS AND INCLUDE IN HIS BID AN AMOUNT FOR FURNISHING AND INSTALLING ANY FIXTURES WITH ARE SHOWN IN ADDITION TO FIXTURES SHOWN ON THE PLUMBING DRAWINGS.
3. CONTRACTOR SHALL VERIFY INVERT ELEVATIONS OF SEWERS TO WHICH NEW WASTE LINES ARE TO BE CONNECTED. BEFORE MAKING UP OR INSTALLING NEW WASTE SYSTEM.
4. ALL VALVES, UNIONS, THERMOMETERS, GAUGES, OR OTHER INDICATING OR RECORDING EQUIPMENT, OR SPECIALTIES REQUIRING FREQUENT READING, REPAIRS ADJUSTMENT, INSPECTION, REMOVAL OR REPLACEMENT, SHALL BE CONVENIENTLY AND ACCESSIBLY LOCATED WITH REFERENCE TO THE FINISHED BUILDING.
5. WHERE POSSIBLE, TIE VENTS TOGETHER SO THAT A MINIMUM NUMBER PENETRATE THROUGH THE ROOF.
6. CONTRACTOR SHALL NOT CUT HOLES IN STRUCTURAL MEMBERS WITHOUT PRIOR AUTHORIZATION BY THE ARCHITECT.
7. CONTRACTOR SHALL INSTALL DIELECTRIC UNIONS AT CONNECTIONS OF DISSIMILAR METALS.
8. CONTRACTOR SHALL ROUGH-IN ALL WASTE AND SUPPLY LINES TO SPECIAL EQUIPMENT ACCORDING TO MANUFACTURER'S SHOP DRAWINGS AND MAKE FINAL CONNECTIONS. ALL SUPPLY LINES SHALL BE VALVED.
9. EXISTING PIPING SIZES ARE UNKNOWN. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PIPE SIZES. IF NEW PIPE SIZE IS BIGGER THAN THE CONNECTED EXISTING PIPING, THEN THE CONTRACTOR SHALL RUN NEW PIPE BACK TO MAIN OR TO A BRANCH THAT IS THE SAME SIZE OR LARGER THAN THE NEW PIPE.

KEYED NOTES (#)

1. CONNECT NEW FLOOR SINK TO EXISTING GREASE WASTE AND VENT PIPING. VERIFY SIZE AND LOCATION OF EXISTING PIPE IN FIELD. VERIFY LOCATION OF NEW FIXTURE WITH ARCHITECTURAL DRAWINGS.
2. VERIFY AND MATCH EXISTING PIPE SIZE AND TYPE IN FIELD.

1 WALL CLEANOUT DETAIL



CLEANOUT SIZING		
SIZE OF PIPE (INCHES)	SIZE OF CLEANOUT (INCHES)	THREADS PER INCH
1-1/2	1-1/2	11-1/2
2	2	11-1/2
3	3	8
4 AND 6	4	8

NOTE: NOT TO SCALE

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SIGNED BY:

DATE: 07/26/21

NAME:

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CONSULTANT:

NO.	DESCRIPTION	DATE	BY
0	FOR PERMIT	7/23/21	JC

DRAWN BY:
REVIEWED BY:
EBI WORK DONE:
DATE ISSUED:
MDE ID NO. 11618

PROJECT TITLE: MCDONALD'S RESTAURANT
SMITHVILLE: 2020 MOD C

SHEET TITLE: PLUMBING FLOOR PLANS, DETAILS, & PIPING SCHEMATICS

MDE ADDRESS: 1515 S 169 HWY
SMITHVILLE, MO 64089

PROJECT NO. 4119000234

SHEET NO. P1.0