

McDonald's USA, LLC

INTERIOR RENOVATION CONSTRUCTION DOCUMENTS FOR

205 BUSINESS LOOP
COLUMBIA, MO 65201

PROJECT INFORMATION:

SITE NAME: COLUMBIA-HWY 70
2022 EOTF BACKCAST + 10Yr REMODEL
NASHVILLE REGION

ADDRESS:

STREET ADDRESS: 205 BUSINESS LOOP
CITY: COLUMBIA
STATE: MO
ZIP: 65201
STATE SITE CODE: 024-0003
NATIONAL STORE NO.: 171

APPLICANT

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ENGINEER OF RECORD (PLUMBING)

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ARCHITECT OF RECORD

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SCOPE OF WORK:

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

1. NEW SEATING LAYOUT WITH NEW FINISHES, NEW LIGHTING AND NEW CEILINGS.
2. NEW CUSTOMER SERVICE COUNTER AND SERVICE AREA MODIFICATIONS.
3. NEW RESTROOM PLUMBING FIXTURES WITH NEW FINISHES, NEW LIGHTING AND CEILING MODIFICATIONS.
4. MINOR RESTROOM MODIFICATIONS FOR HANDICAP ACCESSIBILITY COMPLIANCE.

BUILDING DATA:

OCCUPANCY CLASSIFICATION: A-2 ASSEMBLY (RESTAURANT)
CONSTRUCTION CLASSIFICATION: TYPE VB
MINIMUM NUMBER OF EXITS REQUIRED: 2 (PROVIDED: 5)
MINIMUM EXIT WIDTH PROVIDED: 36"
FIRE PROTECTION: NON-SPRINKLERED (MAXIMUM TRAVEL DISTANCE = 200')
EXISTING BUILDING ROOF HEIGHT: 15' - 0"
TOTAL GROSS BUILDING AREA: 4,180 SQ. FT

OCCUPANT LOAD CALCULATIONS FOR PROPOSED CONDITIONS:

AREA TYPE	AREA SIZE	OCCUPANT LOAD CRITERIA	PROPOSED OCCUPANTS	EXISTING OCCUPANTS
DINING	1,318 SQ. FT	NO. OF SEATS	68 (INCLUDING 4 ACCESSIBLE)	76
CUSTOMER WAITING	48 SQ. FT	1 PERSON/5 SQ. FT	10	10
KITCHEN	1,086 SQ. FT	1 PERSON/200 SQ. FT	6	6
ANCILLIARY STORAGE	728 SQ. FT	1 PERSON/300 SQ. FT	3	3
BREAK ROOM	123 SQ. FT	1 PERSON/100 SQ. FT	2	2
OFFICE	64 SQ. FT	1 PERSON/100 SQ. FT	1	1
TOTAL	3,367 SQ. FT		90	98

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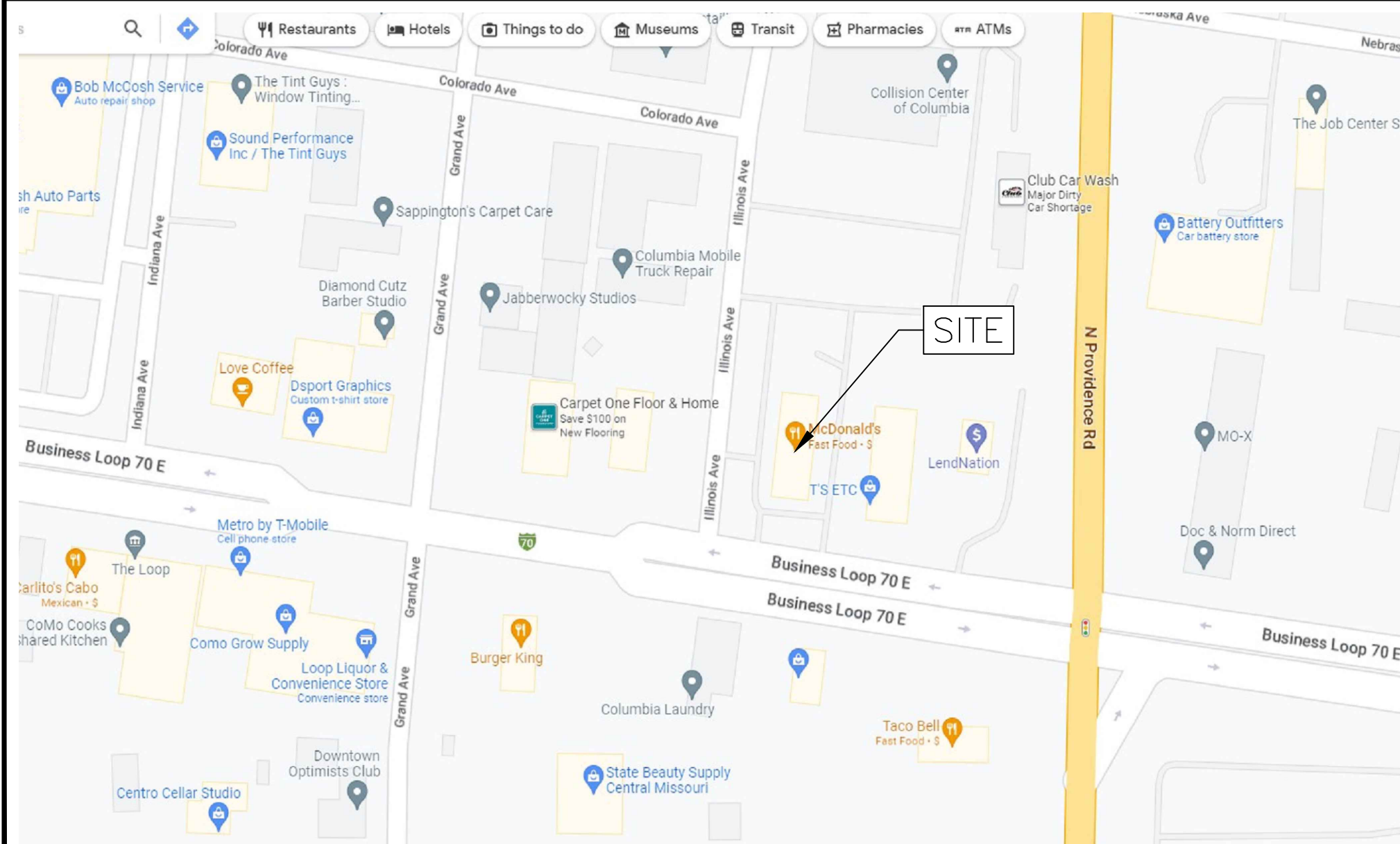
INTERIOR DECOR DRAWINGS (FOR REFERENCE ONLY)

NOTE: DECOR DRAWINGS ARE PREPARED BY A SEPARATE VENDOR ENGAGED DIRECTLY BY McDONALD'S

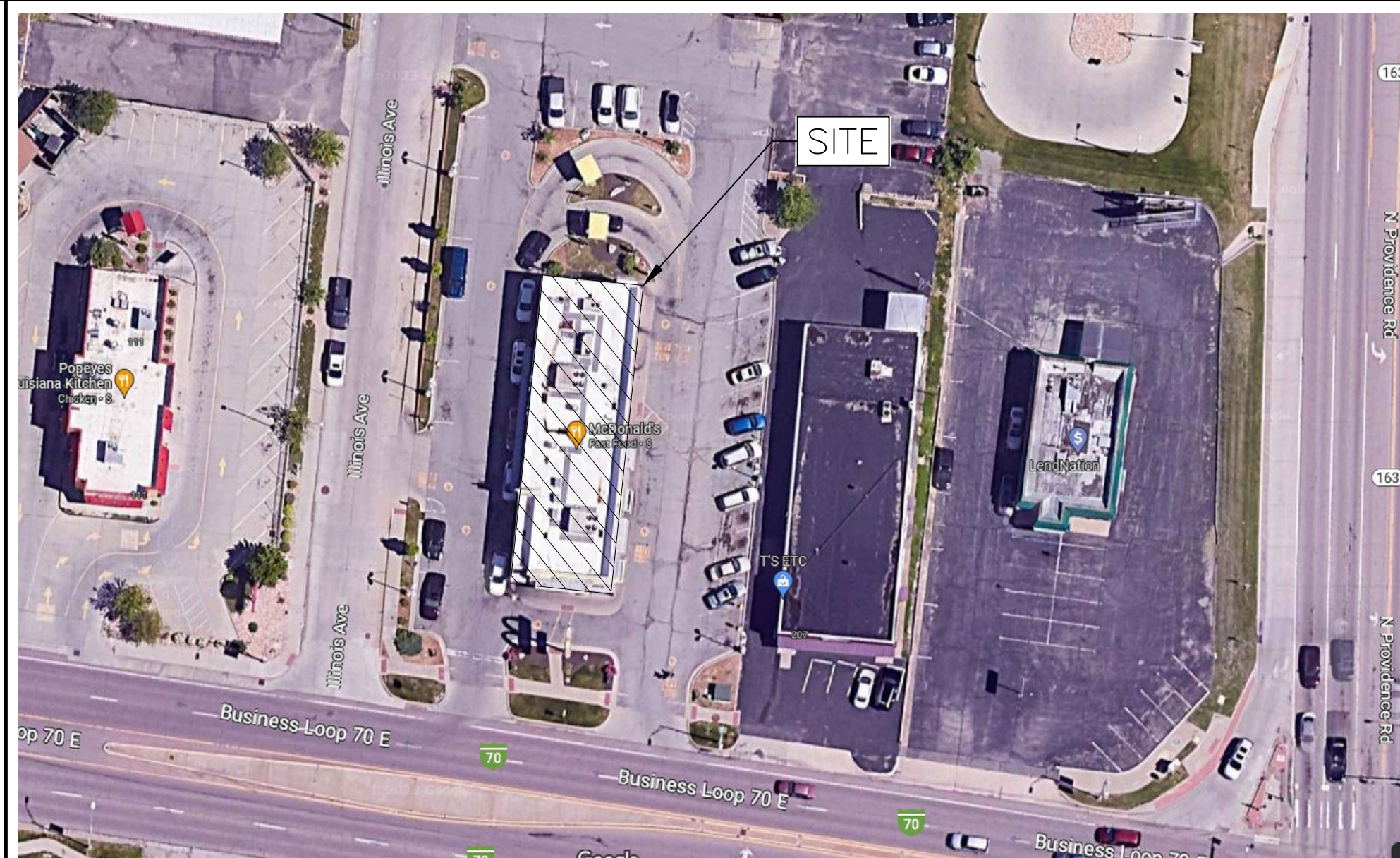
I-1 COVER SHEET
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DESIGN CODES:

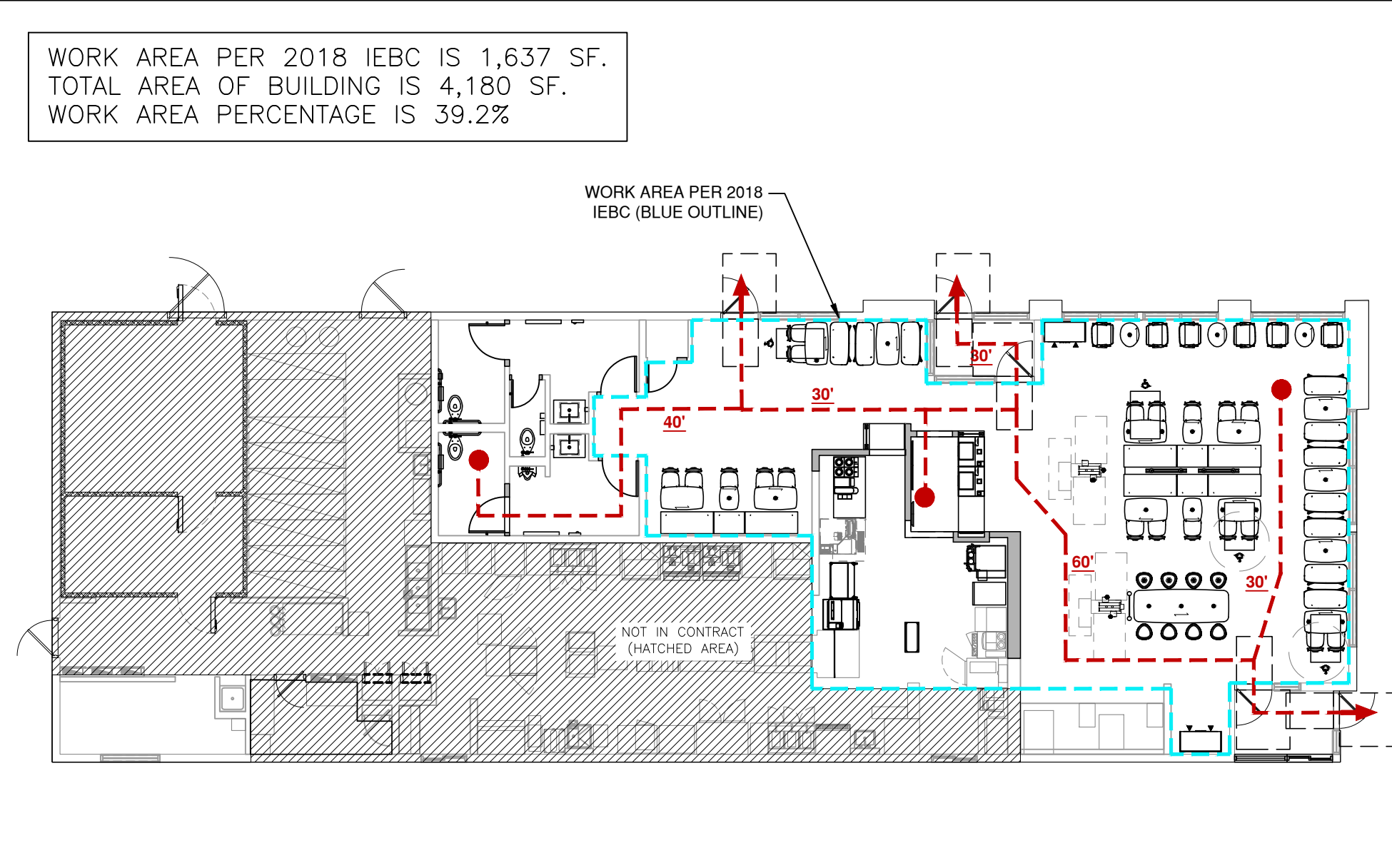
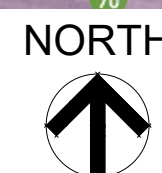
- 2018 INTERNATIONAL EXISTING BUILDING CODE WITH LOCAL AMENDMENT LEVEL 2 ALTERATION OF XX% OF BUILDING
- 2018 INTERNATIONAL FIRE CODE
- 2018 INTERNATIONAL PLUMBING CODE
- 2018 INTERNATIONAL ENERGY CONSERVATION CODE
- 2018 INTERNATIONAL MECHANICAL CODE
- 2018 INTERNATIONAL FUEL GAS CODE
- 2018 INTERNATIONAL PROPERTY MAINTENANCE CODE
- 2017 NATIONAL ELECTRIC CODE
- ICC/ANSI A117.1 2009 ACCESSIBLE AND USABLE BUILDING AND FACILITIES



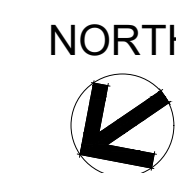
VICINITY MAP
NOT TO SCALE



AERIAL VIEW
NOT TO SCALE



EGRESS PLAN/FURNITURE LAYOUT
NOT TO SCALE



PREPARED BY:
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ENVIRO BUSINESS, INC.
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SIGNED BY:



DATE: 03/09/2023

NAME: JOSHUA CARRELL
LICENSE NO: A-2018040323

PREPARED FOR:
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CONSULTANT:

NO.	DESCRIPTION	DATE	BY
0	FOR PERMIT	3/10/23	OW

PROJECT TITLE
McDONALD'S RESTAURANT
COLUMBIA-HWY 70: 2023_BCK

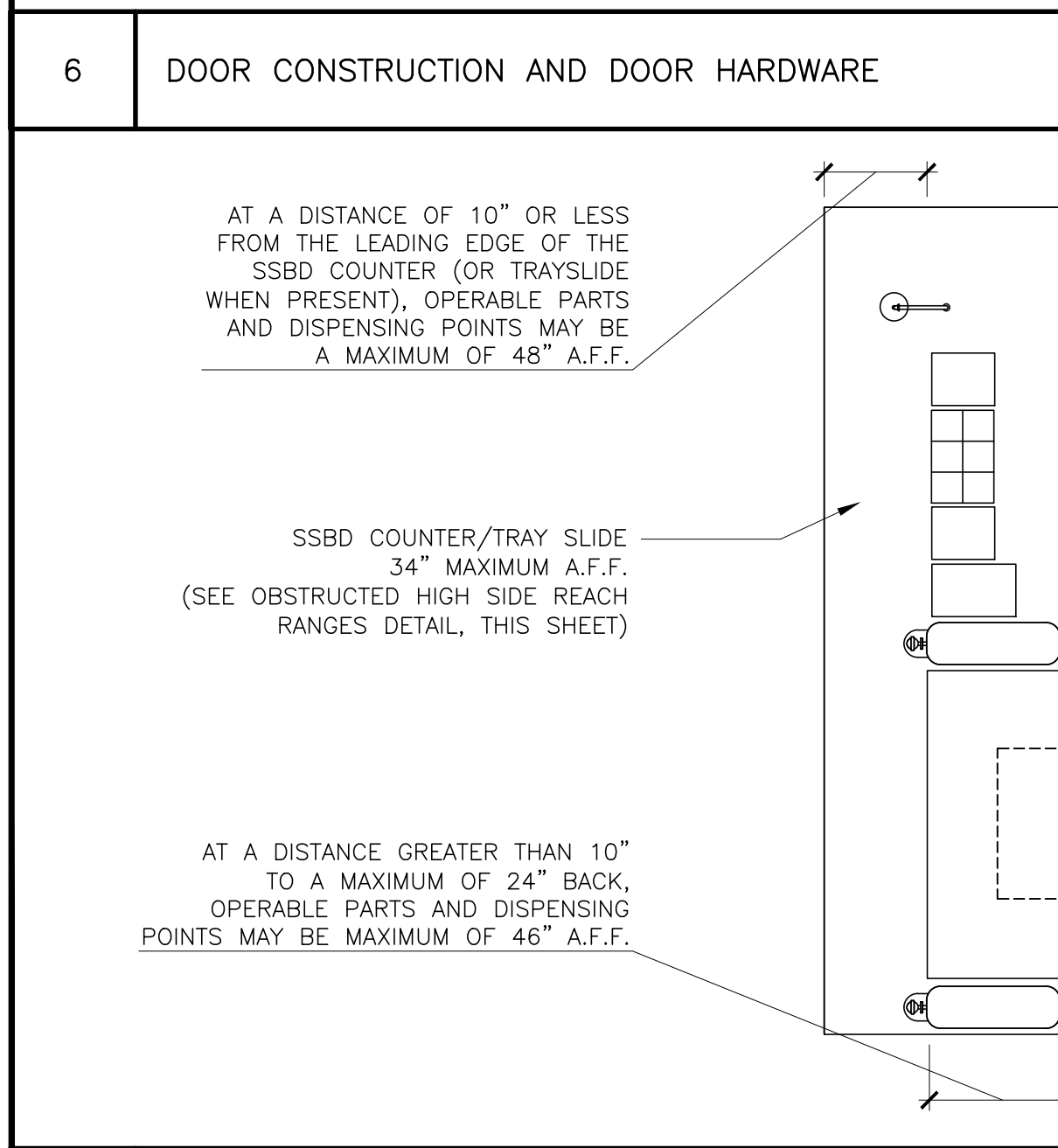
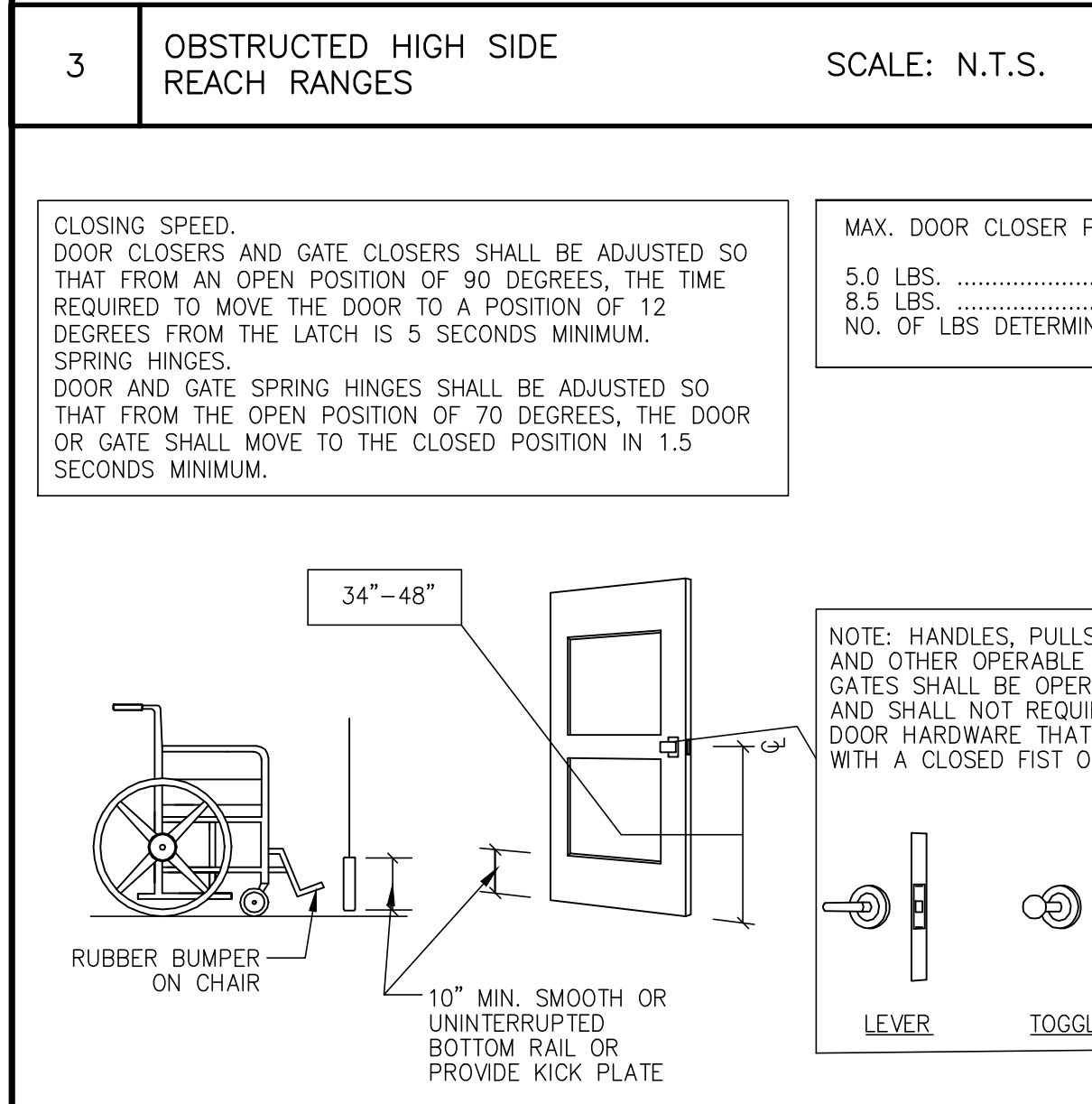
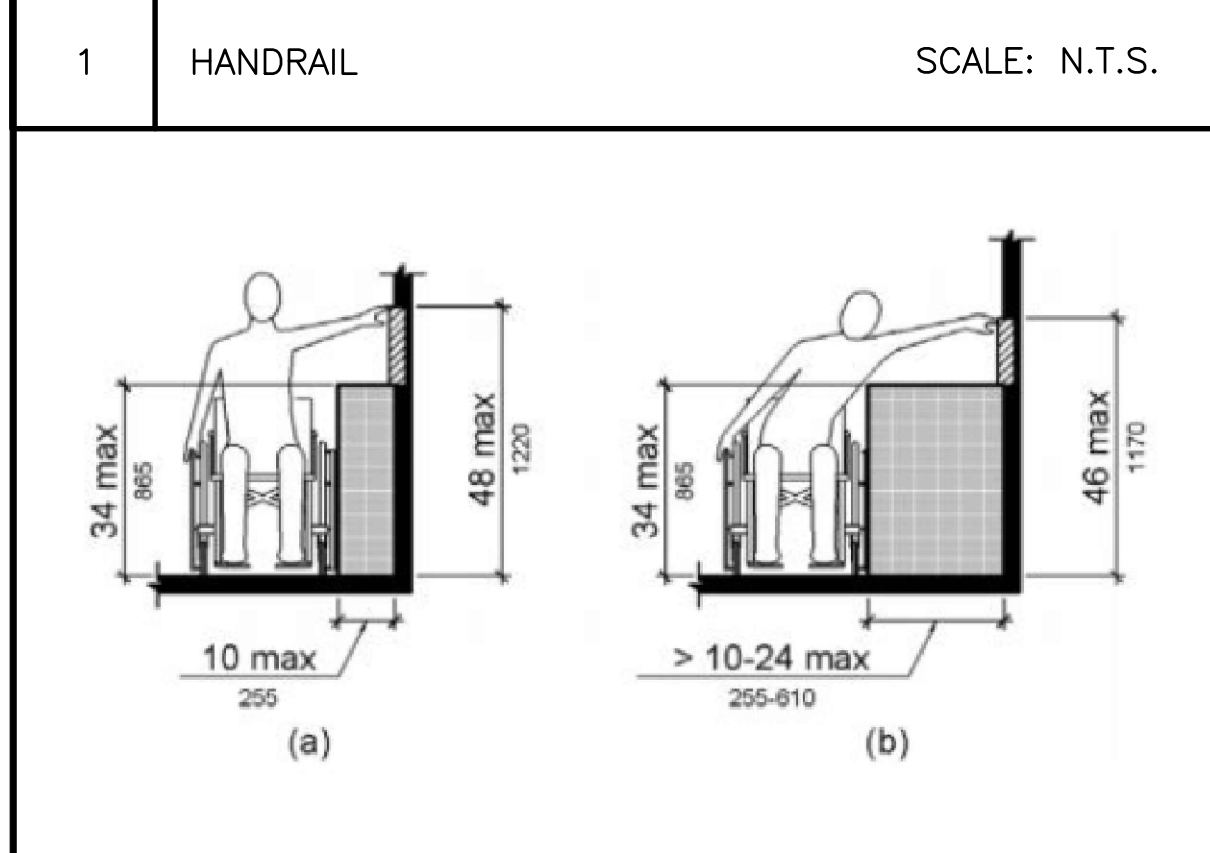
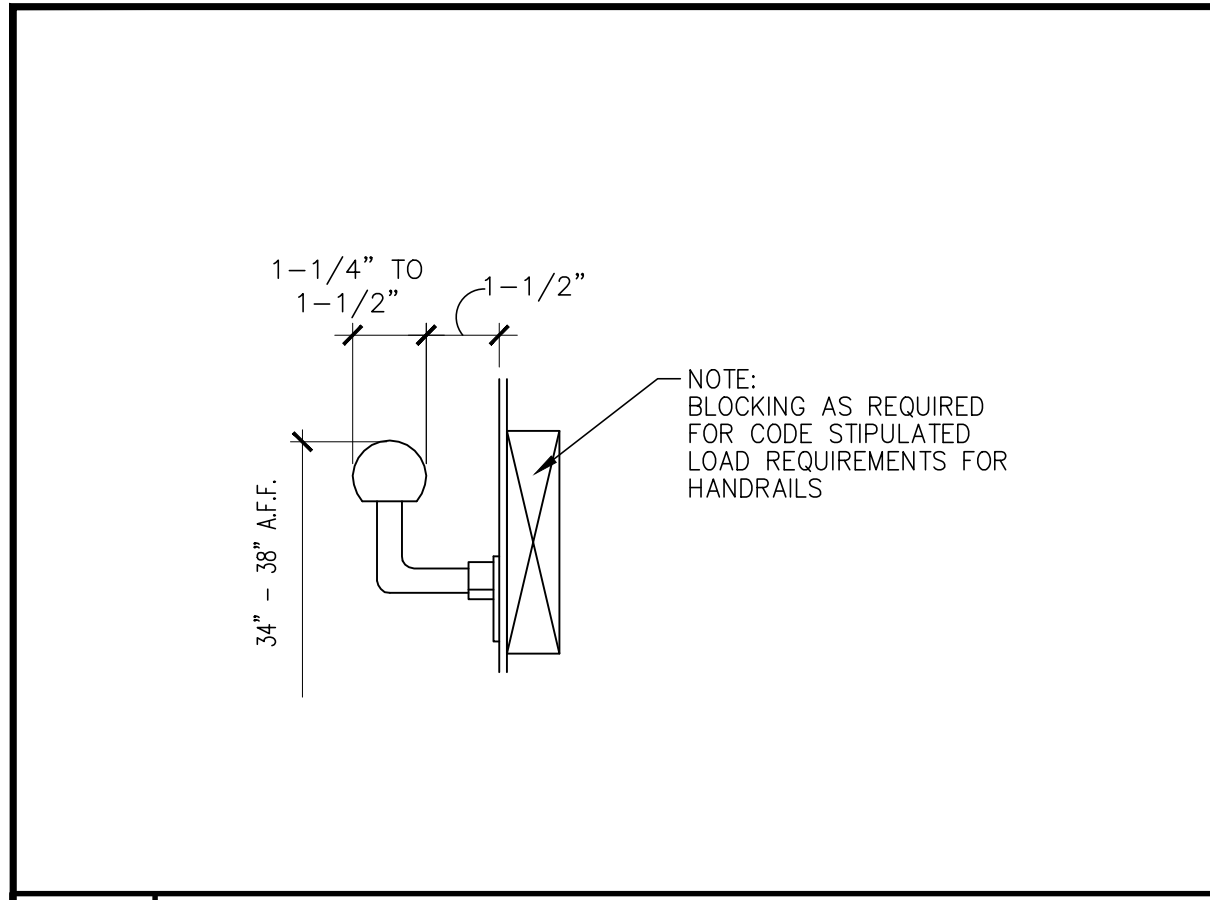
DATE PLOTTED
3/9/2023

PROJECT NO.
4122000363

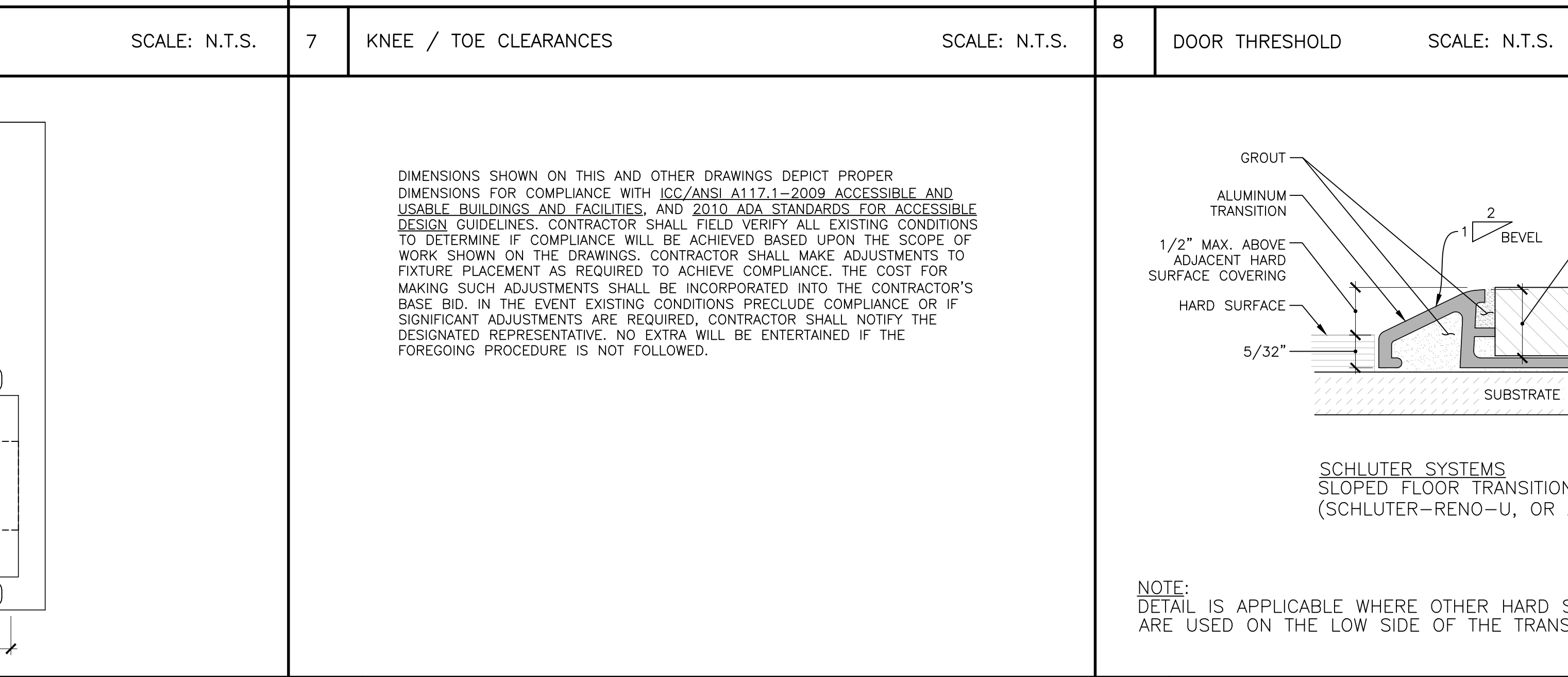
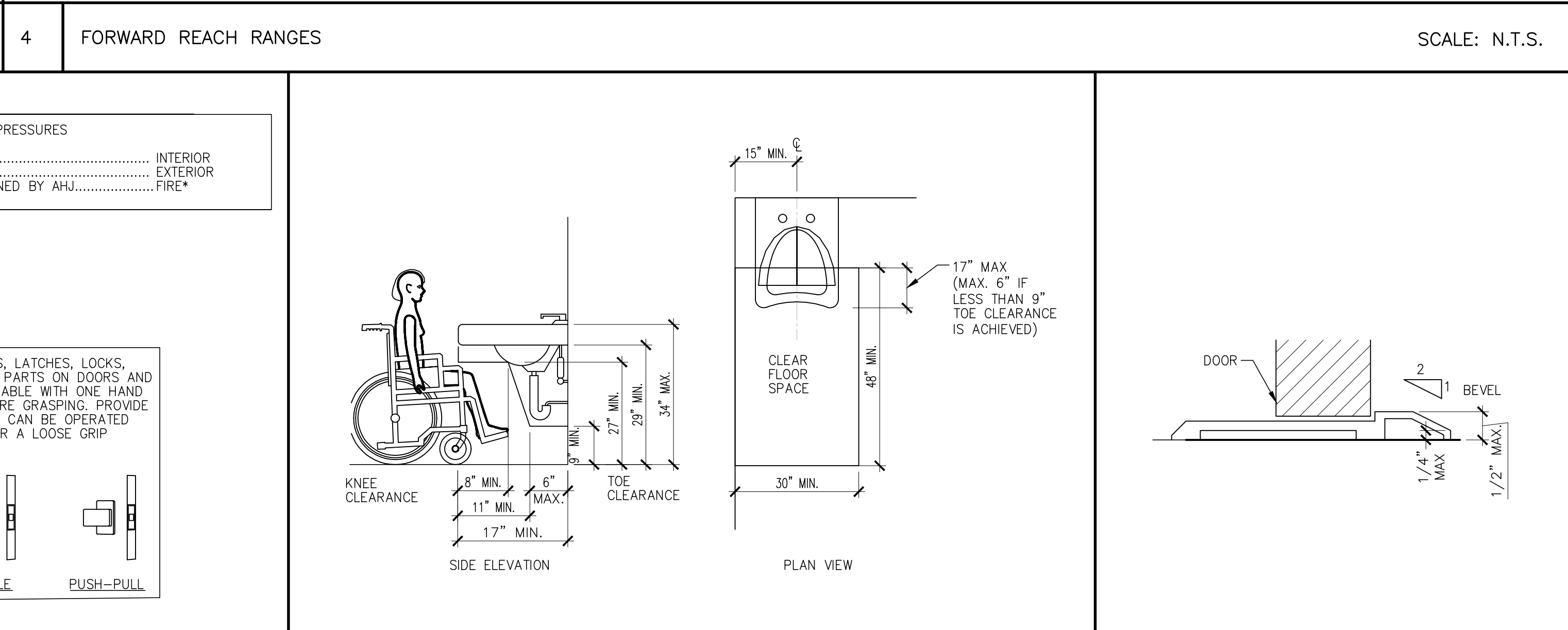
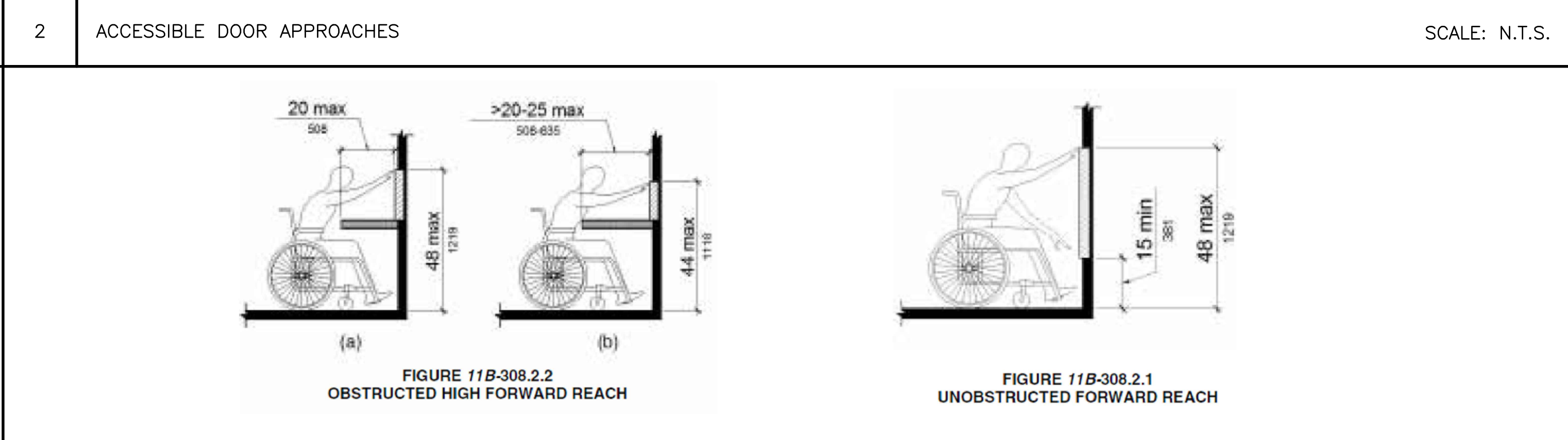
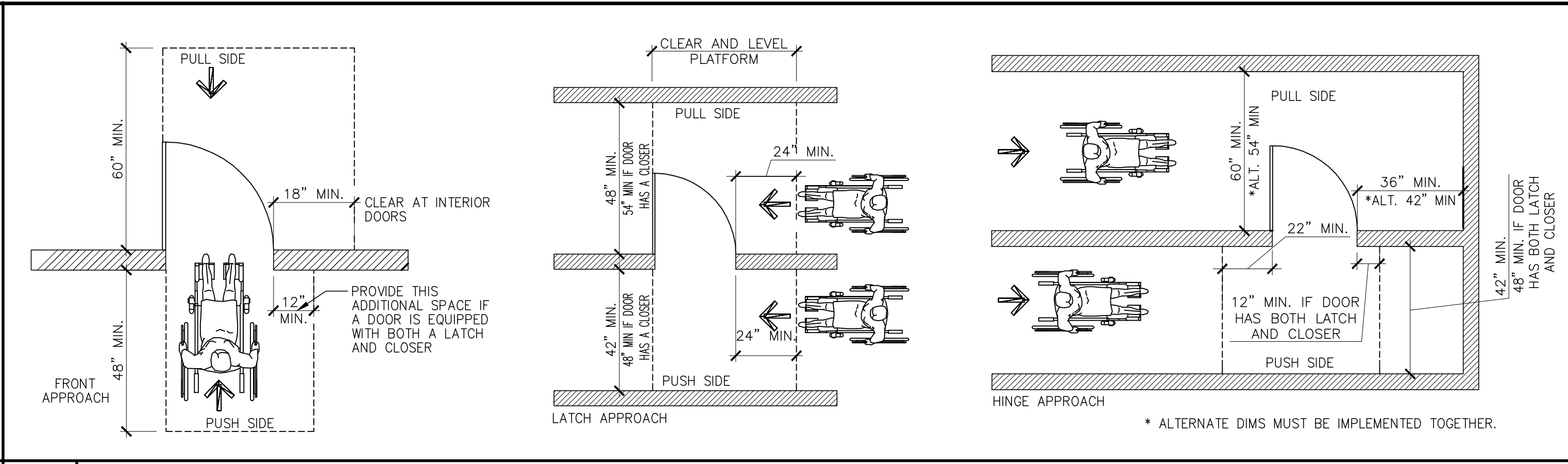
SHEET NO.
171

PROJECT ADDRESS
205 BUSINESS LOOP
COLUMBIA, MO 65201

CV

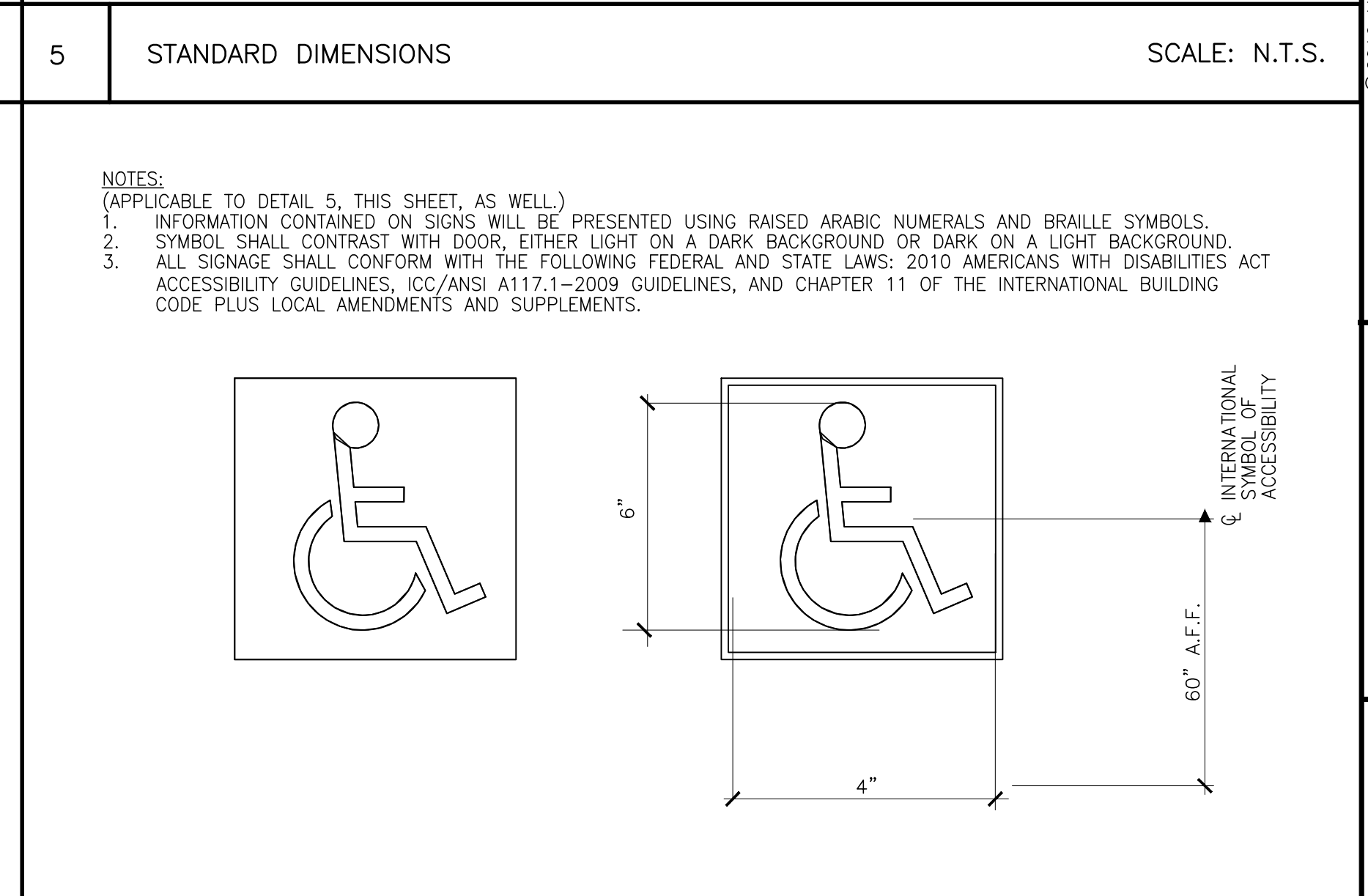
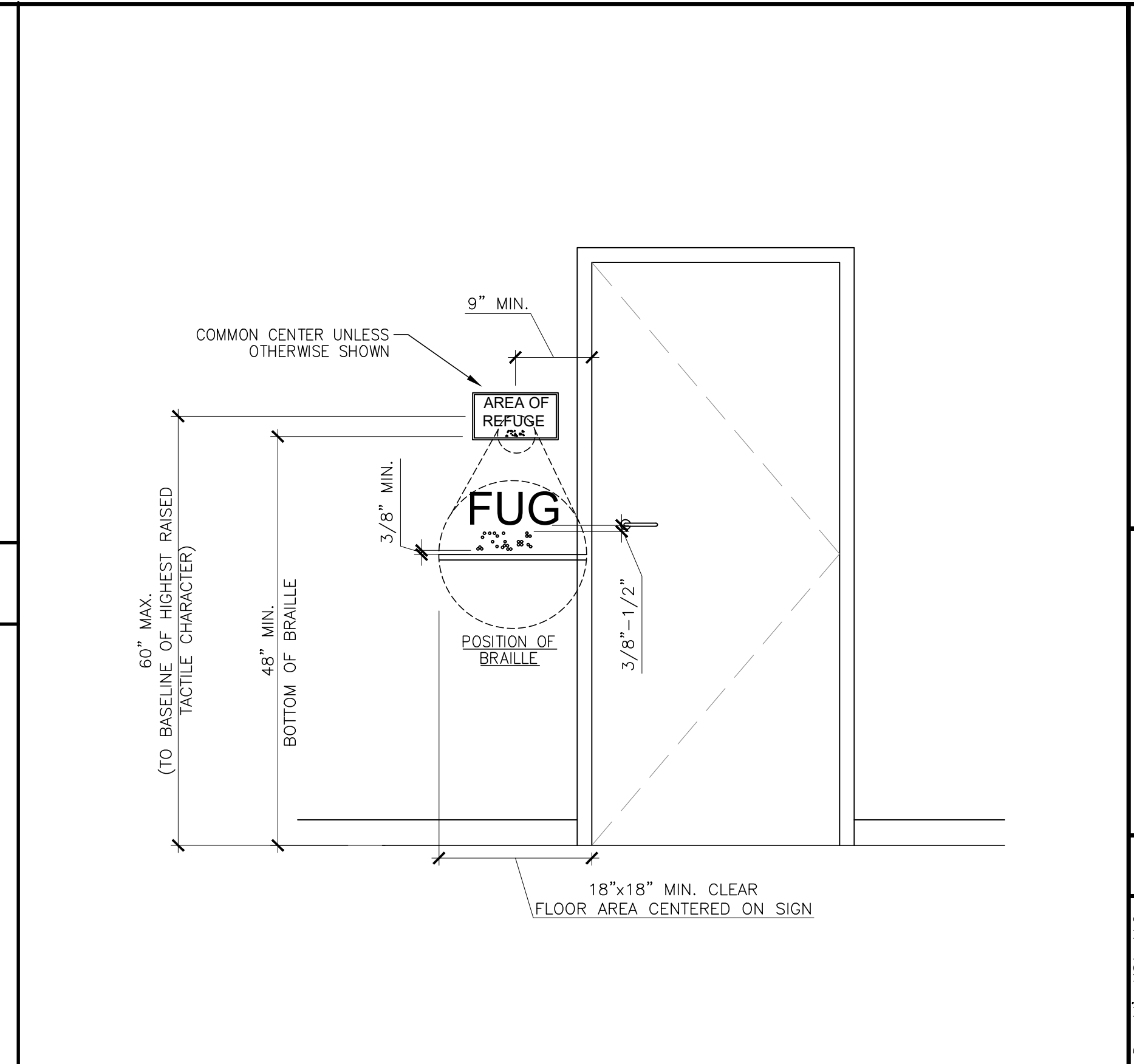


10 SELF SERVICE BEVERAGE BAR DETAIL SCALE: N.T.S.



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

13 FLOOR TRANSITION - SOFT SURFACE SCALE: N.T.S.



13 FLOOR TRANSITION - SOFT SURFACE SCALE: N.T.S.

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

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NUMBER A-2018040323
DATE: 03/09/2023
NAME: JOSHUA CARRELL
LICENSE NO: A-2018040323

PREPARED FOR: McDonald's USA, LLC
PROJECT: MCDONALD'S RESTAURANT COLUMBIA-HWY 70: 2023 BCK
PROJECT NO: 4122000363

CONSULTANT: McDonald's USA, LLC

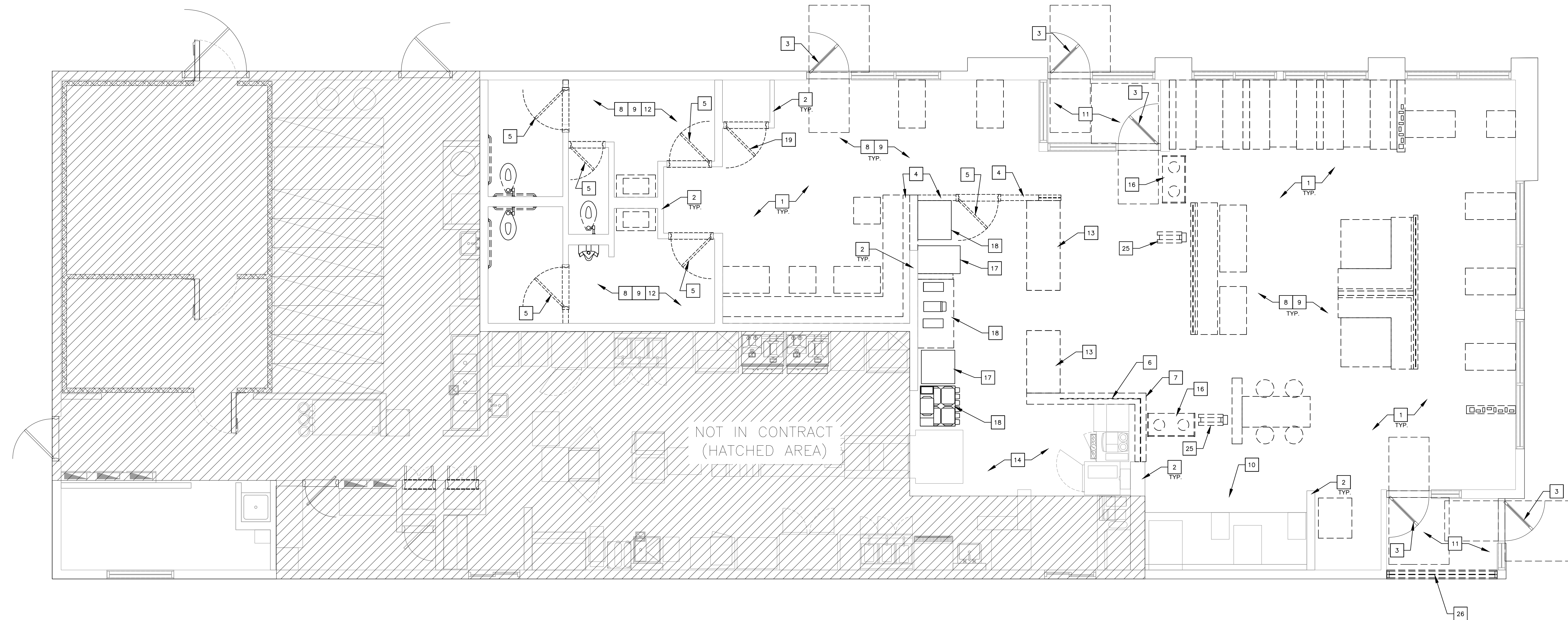
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PROJECT NO: 4122000363

PROJECT ADDRESS: 205 BUSINESS LOOP COLUMBIA, MO 65201

PROJECT NO: 4122000363

G2.0



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

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 SEATING TO BE REMOVED, TYPICAL.
- 2 EXISTING WALLS TO REMAIN, U.O.N.
- 3 EXISTING DOORS TO REMAIN, U.O.N.
- 4 EXISTING NON-BEARING WALL TO BE REMOVED.
- 5 EXISTING DOOR AND FRAME TO BE REMOVED.
- 6 EXISTING McCAFE DECORATIVE GLAZING TO BE REMOVED. COORDINATE WITH INTERIOR DECOR DRAWINGS.
- 7 EXISTING LOW WALL AT McCAFE TO BE REMOVED. PREP WALL TO RECEIVE NEW FINISH.
- 8 EXISTING FINISH FLOORING AND WALL BASE TO BE REMOVED TO EXISTING SUBFLOOR AND WALL SUBSTRATE. PREP SUBFLOOR AND WALL AS REQUIRED TO RECEIVE NEW FLOORING AND WALL FINISHES PER INTERIOR DECOR DRAWINGS.
- 9 EXISTING WALL TILE TO BE REMOVED TO EXISTING SUBSTRATE. PREP EXISTING WALL SURFACE AS REQUIRED TO RECEIVE NEW WALL FINISHES PER INTERIOR DECOR DRAWINGS.
- 10 COUNTERTOP TO BE REMOVED FROM EXISTING BEVERAGE BAR. EXISTING BEVERAGE BAR TO BE PREPPED TO RECEIVE NEW FACE LAMINATE.
- 11 DEMO ALL FINISHES AT VESTIBULE AND PREP FOR NEW FINISHES. REFER TO DECOR DRAWINGS FOR NEW FINISHES.
- 12 REMOVE ALL EXISTING PLUMBING FIXTURES AND ACCESSORIES THROUGHOUT TOILET ROOMS. REFER TO A1.2 FOR ADDITIONAL INFORMATION.
- 13 REMOVE EXISTING SERVICE COUNTER.
- 14 EXISTING FLOOR AND BASE TO REMAIN. IF DAMAGED, GC TO REPAIR OR REPLACE.
- 15 CREW ROOM FURNITURE AND EQUIPMENT REMOVALS TO BE COORDINATED WITH INTERIOR DECOR DRAWINGS AND OWNER/OPERATOR. (NOT USED)
- 16 EXISTING TRASH RECEPTACLE TO BE REMOVED AND REPLACED - SEE INTERIOR DECOR DRAWINGS.
- 17 EXISTING KITCHEN EQUIPMENT TO BE RELOCATED.
- 18 EXISTING EQUIPMENT TO BE REMOVED.
- 19 EXISTING DOOR TO BE REMOVED. EXISTING FRAME TO REMAIN.
- 20 EXISTING RECESSED MOUNTED BABY CHANGING TABLE TO BE REMOVED. (NOT USED)
- 21 EXISTING SURFACE MOUNTED BABY CHANGING TABLE TO BE REMOVED. (NOT USED)
- 22 EXISTING COLUMN TO REMAIN. (NOT USED)
- 23 EXISTING ANSUL PULL TO BE RELOCATED. (NOT USED)
- 24 REMOVE EXISTING BEVERAGE BAR. MAKE SAFE ALL EXISTING PLUMBING.
- 25 EXISTING KIOSK TO BE RELOCATED.
- 26 EXISTING WINDOW AND GLAZING TO BE REMOVED FOR PROPOSED 3rd DRIVE-THRU SYSTEM.

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SIGNED BY:

 DATE: 03/09/2023

NAME: JOSHUA CARRELL
 LICENSE NO: A-2018040323

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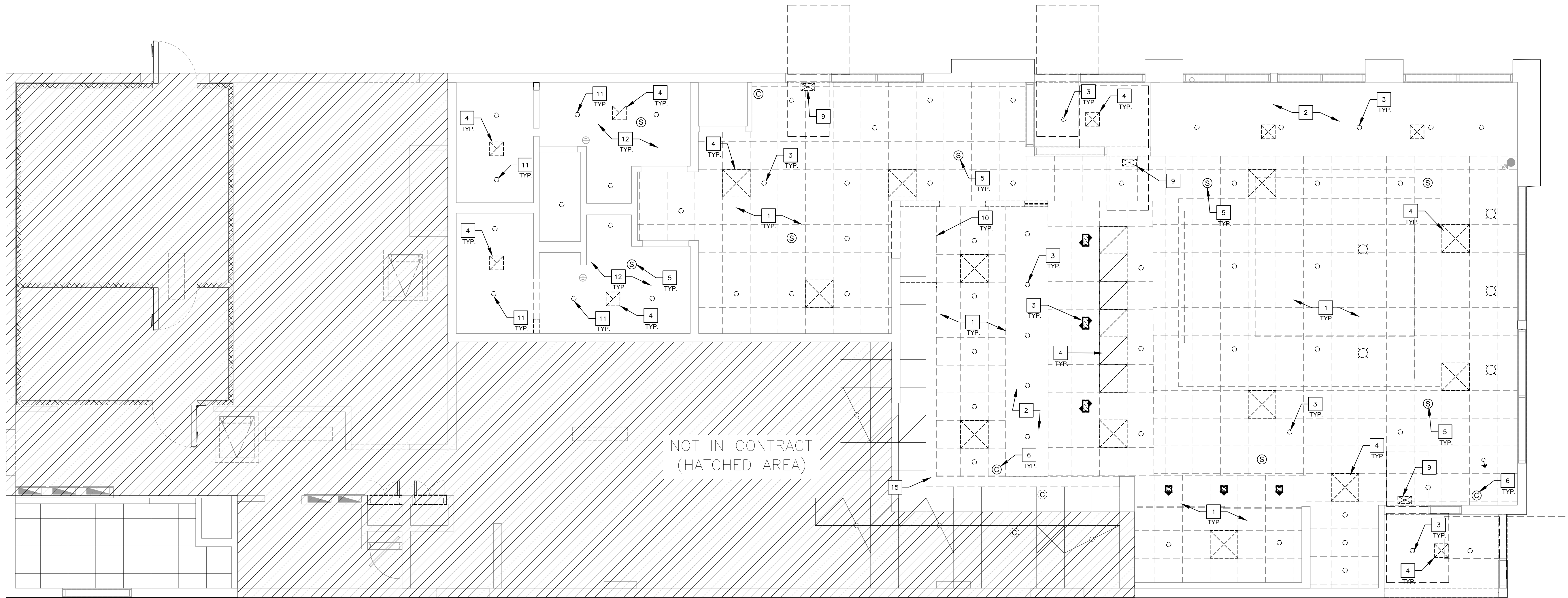
CONSULTANT:

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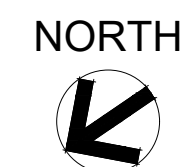
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PROJECT TITLE: MCDONALD'S RESTAURANT COLUMBIA-HWY 70: 2023 BCK
 SHEET NO: DEMOLITION FLOOR PLAN
 PROJECT NO: 4122000363
D1.0
 SHEET NO: 205 BUSINESS LOOP COLUMBIA, MO 65201



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



NOT IN CONTRACT
(HATCHED AREA)

CEILING DEMOLITION NOTES

- 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).
- EXACT NUMBER OF CEILING MOUNTED ITEMS TO BE VERIFIED IN FIELD.
- EXISTING HVAC DUCTWORK TO REMAIN.
- 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.
- 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.
- 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.
- 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 HI-HAT LIGHT FIXTURE TO REMAIN AND BE RETROFITTED.
	EXISTING DIFFUSER TO BE REMOVED.		EXISTING EMERGENCY LIGHT TO REMAIN.
	EXISTING RETURN AIR GRILLE TO BE REMOVED.		EXISTING EXIT SIGN TO REMAIN.
	FLUORESCENT LAY-IN LIGHT FIXTURE TO BE REMOVED.		EXISTING SPINKLER TO REMAIN.
	EXISTING HI-HAT LIGHT FIXTURE TO BE REMOVED.		EXISTING MECHANICAL SENSOR TO REMAIN.
	EXISTING PENDANT LIGHT TO BE REMOVED.		
	EXISTING SPEAKERS TO BE REINSTALLED IN NEW CEILING.		
	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.		

KEYNOTES

- | | | | |
|----|--|----|--|
| 1 | EXISTING ACOUSTICAL TILE CEILING ASSEMBLY TO BE REMOVED. | 14 | EXISTING COLUMN TO REMAIN. |
| 2 | REMOVE EXISTING SOFFIT/CEILING AND SUPPORTING STRUCTURE. | 15 | EXISTING VALANCE TO BE REMOVED. |
| 3 | EXISTING LIGHTING TO BE REMOVED. | 16 | EXISTING SPRINKLER TO REMAIN. (NOT USED) |
| 4 | EXISTING SUPPLY DIFFUSER/RETURN AIR GRILLE TO BE REMOVED, CLEANED AND PREPARED TO BE REINSTALLED. COORDINATE WITH NEW CEILING GRID LAYOUT. | 17 | EXISTING MECHANICAL SENSOR TO REMAIN. (NOT USED) |
| 5 | REMOVE AND REINSTALL EXISTING SPEAKER. COORDINATE RE-INSTALLATION WITH NEW CEILING GRID LAYOUT. | | |
| 6 | REMOVE AND REINSTALL EXISTING CAMERA. COORDINATE RE-INSTALLATION WITH NEW CEILING GRID LAYOUT. | | |
| 7 | EXISTING EMERGENCY LIGHT TO BE REMOVED. (NOT USED) | | |
| 8 | EXISTING COMBINATION EXIT SIGN/EMERGENCY LIGHT TO BE REMOVED. (NOT USED) | | |
| 9 | EXISTING ILLUMINATED EXIT SIGNS TO BE REMOVED AND REINSTALLED. | | |
| 10 | DIGITAL MENU BOARDS TO BE REMOVED. | | |
| 11 | EXISTING LIGHT FIXTURE TO REMAIN AND BE PREPARED FOR NEW LED RETRO FIT KIT. | | |
| 12 | COORDINATE NEW FINISH FOR EXISTING CEILING WITH INTERIOR DECOR DRAWINGS. | | |
| 13 | EXISTING EMERGENCY LIGHT TO REMAIN. (NOT USED) | | |

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SIGNED BY:

DATE: 03/09/2023

NAME: JOSHUA CARRELL
 LICENSE NO: A-2018040323

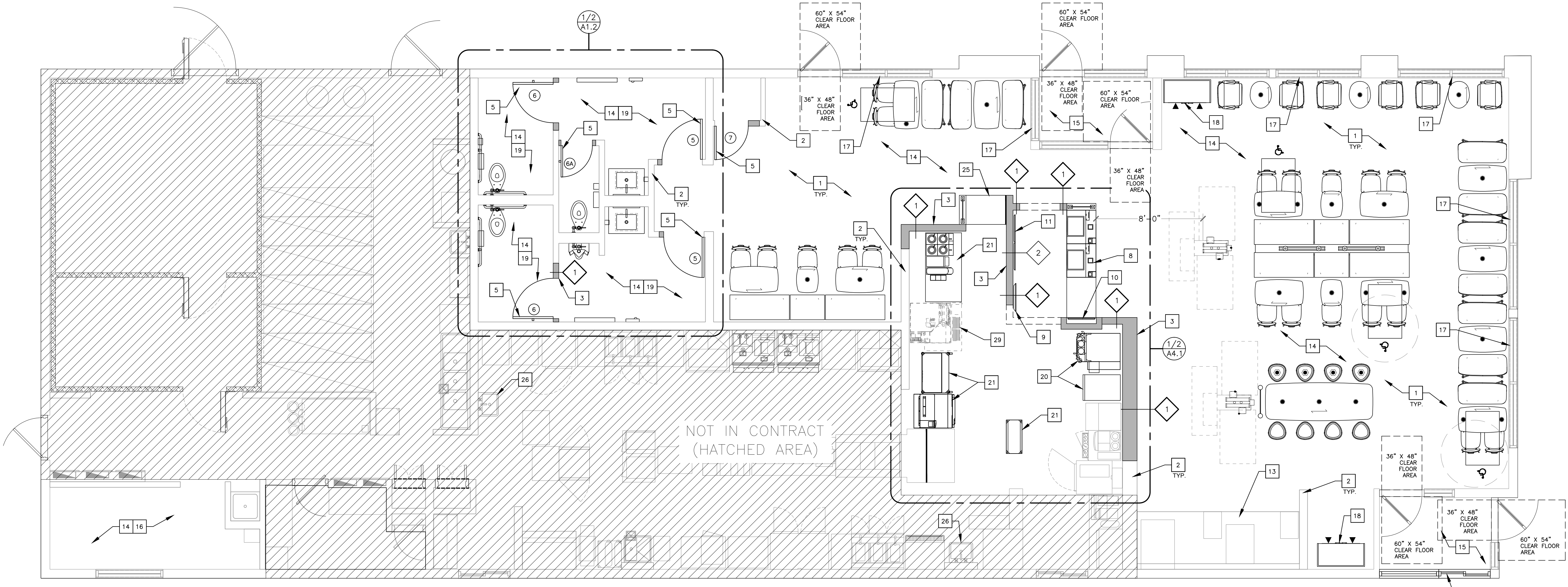
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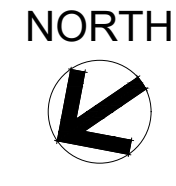
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PROJECT FILE: MCDONALD'S RESTAURANT COLUMBIA-HWY 70: 2023 BCK
 SHEET TITLE: REFLECTION CEILING PLAN - DEMOLITION
 SHEET ADDRESS: 205 BUSINESS LOOP COLUMBIA, MO 65201
 PROJECT NO. 4122000363

D1.1



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

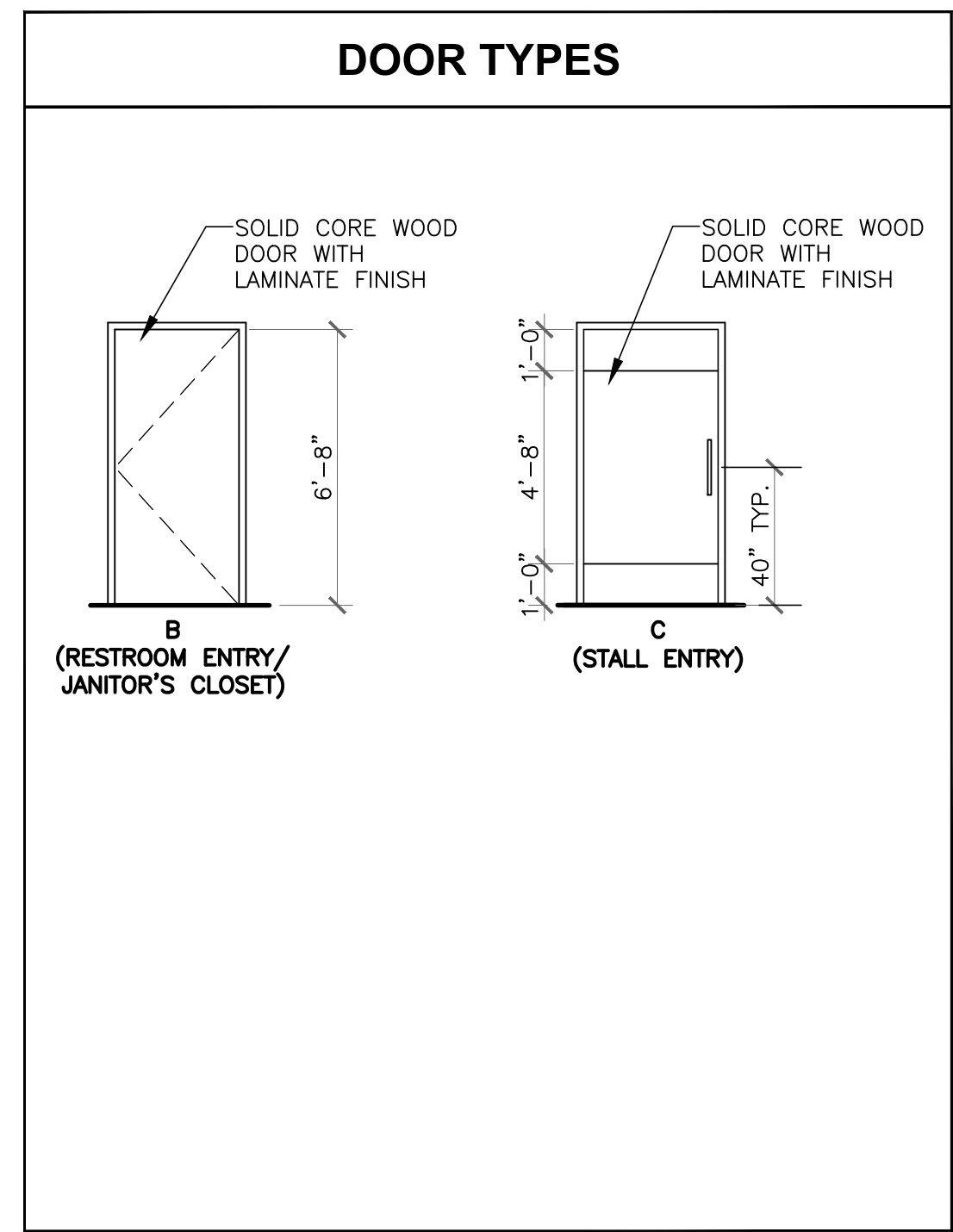


DOOR SCHEDULE					
MARK	MATERIAL	DOOR	SIZE	TYPE	FRAME
1	-	-	-	-	-
2	-	-	-	-	-
5	S.C.WOOD W/ LAM.	-	3'-0"x6'-8" (V.I.F.)x1 3/4"	B	H.M. 2" JAMB & HEAD
6	S.C.WOOD W/ LAM.	-	3'-0"x4'-8" x1 3/4"	C	H.M. 2" JAMB & HEAD
6A	S.C.WOOD W/ LAM.	-	2'-6"x4'-8" x1 3/4"	C	H.M. 2" JAMB & HEAD
7	S.C.WOOD W/ LAM.	-	3'-0"x6'-8" (V.I.F.)x1 3/4"	B	H.M. 2" JAMB & HEAD

DOOR #5 - RESTROOM ENTRY
 1. 3 EA HINGE BB1279 4 1/2 X 4 1/2 US26D HAGER
 2. 1 EA CLOSER LCN LDP44031 SNB ALUM PULL SIDE MOUNTED
 3. 1 EA PUSH PLATE HAGER 30S, 4 X 16, US32D, 40°AFF MOUNTED TO CENTER OF PLATE.
 4. 1 EA PULL PLATE WITH HANDLE, HAGER 33E, 4 X 16, US32D, 40°AFF MOUNTED TO CENTER OF PLATE.
 5. 2 EA KICKPLATE 190S 8 X 34 US32D HAGER
 6. 1 EA DOOR STOP 236W US32D HAGER
 7. 1 EA FINGER GRD MKIA PUSH SIDE BRN F.SAFE
 8. 1 EA FINGER GRD MKIB PULL SIDE BRN F.SAFE
 9. 1 EA STEP/PULL PULL SIDE (OPTIONAL)
 10. 3 EA DOOR SILENCERS, HAGER
 11. UNDERCUT DOOR 3/4"

DOOR #6 & 6A - ADA & STANDARD STALL
 1. 2 EA HINGE 1250 4 1/2 X 4 1/2 US26D HAGER
 2. 1 EA HINGE BB 1279 4 1/2 X 4 1/2 US 26D HAGER
 3. 1 EA DEADBOLT B571 X 10-087 214EE X 12 X 291 X 626
 4. 2 EA BACK TO BACK LADDER PULL HANDLE, 16"L, 1"DIA #5-16-1000 BTB-UMCO 32D MOUNTED 6" FROM EDGE OF DOOR TO CENTER OF SCREWS - 28 1/2" MOUNTED 28 1/2" FROM TOP OF DOOR TO C/L OF PULL
 5. 1 EA ROBE HOOK 917 BRADLEY
 6. 1 EA DOOR STOP 236W US32D HAGER (ADA STALL ONLY)

DOOR #7 - JANITOR CLOSET
 1. 3 EA HINGE BB 1279 4 1/2 X 4 1/2 US 26D HAGER
 2. 1 EA LOCK NDB0PD RHO 626 SCHLAGE
 3. 3 EA DOOR SILENCERS, HAGER



- DOOR NOTES**
- ALL EXIT DOORS SHALL BE KEYLESS IN THE DIRECTION OF EGRESS.
 - THE OPENING FORCE OF ALL EXT. PUSH/PULL DOORS SHALL NOT EXCEED 8 1/2 LBS.
 - THE OPENING FORCE OF ALL INTERIOR PUSH/PULL DOORS SHALL NOT EXCEED 5 LBS.
 - PROVIDE PANIC HARDWARE FOR ALL EXTERIOR DOORS AS NOTED ON THE DOOR SCHEDULE.
 - ALL DOOR HARDWARE SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL BE OPERABLE WITH ONE HAND. PROVIDE DOOR HARDWARE THAT CAN BE OPERATED WITH A CLOSED FIST OR A LOOSE GRIP.
 - 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.

- HANDICAP ACCESSIBILITY NOTES**
- REFER TO HANDICAP ACCESSIBILITY STANDARDS, DRAWING G2.0 FOR ADDITIONAL INFORMATION.
 - ACCESSIBLE TABLE TOP 34" MAX. A.F.F. AND 27" MIN. KNEE CLEAR A.F.F. BENEATH TABLE TOP, CONTINUOUS FOR A DEPTH OF 19" MIN. BACK FROM LEADING EDGE OF TABLE TOP. PROVIDE MIN. 30" CLEAR WIDTH BELOW TABLE TOP FOR A FORWARD APPROACH TO ACCESSIBLE SEATING POSITIONS.
 - GENERAL CONTRACTOR IS RESPONSIBLE FOR ORDERING AND INSTALLING ALL ADA SIGNAGE BASED ON McDONALD'S ADA SIGNAGE GUIDE. THIS INCLUDES SIGNAGE FOR ALL DOORS IN CUSTOMER AREAS, RESTROOMS, DINING AREA INCLUDING TABLES, SEATING, AND REACH RANGES. CONTACT TOM GIORDANO WITH FORRESTER PERMA SIGNS - 800-214-8765. TOM@FORRESTERPERMASIGNS.COM
 - ALL DISPENSERS MUST BE WITHIN COMPLIANT REACH RANGE INCLUDING AT SELF-SERVICE BEVERAGE BAR. GC RESPONSIBLE TO COORDINATE LOCATION OF ANY PERMANENTLY INSTALLED FIXTURES OR DISPENSERS. OWNER/OPERATOR RESPONSIBLE FOR ANY MOVABLE FIXTURES OR DISPENSER. SEE SHEET G2.0.

- KEY NOTES**
- | | |
|--|--|
| 1 NEW SEATING LAYOUT - SEE INTERIOR 'DECOR' DRAWINGS. | 16 CREW ROOM NEW FINISHES TO BE COORDINATED WITH INTERIOR 'DECOR' DRAWINGS. |
| 2 EXISTING WALLS, TYP. U.O.N. | 17 NEW INTERIOR WINDOW SILL. SEE INTERIOR 'DECOR' DRAWINGS FOR EXTENT. |
| 3 NEW WALLS, TYP. U.O.N. | 18 NEW TRASH RECEPTACLE W/TRAY RETURN - SEE INTERIOR 'DECOR' DRAWINGS. |
| 4 EXISTING DOORS, TYP. | 19 GC TO PROVIDE ALL NEW PLUMBING FIXTURES AND ACCESSORIES. SEE SHEET A1.2 FOR MORE INFORMATION. |
| 5 NEW DOORS, TYP. U.O.N. | 20 RELOCATED KITCHEN EQUIPMENT. SEE 'KES' DRAWINGS FOR FURTHER INFO. |
| 6 NEW MCCAFFEE DECORATIVE SLAT WALL ASSEMBLY. (NOT USED) | 21 NEW KITCHEN EQUIPMENT. SEE 'KES' DRAWINGS FOR FURTHER INFO. |
| 7 NEW DECORATIVE WALL - SEE INTERIOR 'DECOR' DRAWINGS. | 22 PROPOSED 3rd WINDOW DRIVE-THRU SYSTEM. |
| 8 NEW SERVICE COUNTER. | 23 RELOCATED ANSUL PULL. (NOT USED) |
| 9 NEW ORDER READY BOARD CENTERED ON COUNTER CUT. | 24 EXISTING COLUMN TO REMAIN. (NOT USED) |
| 10 NEW DIGITAL MERCHANDISER. | 25 NEW MCDelivery POD. |
| 11 NEW DIGITAL MENU BOARDS. | 26 EXISTING HANDSINK. |
| 12 NEW KIOSK. COORDINATE INSTALLATION WITH INTERIOR 'DECOR' DRAWINGS AND NEW FLOORING INSTALLATION. (NOT USED) | 27 RELOCATED HANDSINK. (NOT USED) |
| 13 NEW COUNTERTOP ON EXISTING BEVERAGE BAR. NEW FACE LAMINATE ON EXISTING BEVERAGE BAR. SEE DECOR FOR EXTENT AND SPECIFICATIONS. EXISTING EQUIPMENT TO BE REINSTALLED. | 28 NEW HANDSINK (SEE PLUMBING DRAWINGS FOR FURTHER INFO). (NOT USED) |
| 14 NEW INTERIOR FINISH SPEC'S PROVIDED BY THE DECOR VENDOR. REFER TO INTERIOR 'DECOR' DRAWINGS. | 29 FUTURE EQUIPMENT. |
| 15 NEW VESTIBULE FINISHES. REFER TO INTERIOR 'DECOR' DRAWINGS. | |

WALL TYPE SCHEDULE

1 1/2" GYP. BD. (OR 1/2" CEMENT BOARD WHERE CERAMIC TILE FINISH IS PROVIDED) OVER 3-5/8", 20 GA METAL STUDS (OR WIDTH TO MATCH ADJACENT WALL WHERE REQUIRED), AT 16" O.C. WITH 20 GA STUD TRACKS, TOP AND BOTTOM, FROM FLOOR TO STRUCTURE ABOVE. WHERE WALL IS PARALLEL TO ROOF FRAMING MEMBERS, PROVIDE UNISTRUT FRAMING TO RECEIVE TOP TRACK. SIMILAR TO DETAIL 2 ON DRAWING A4.3. WHERE WALL IS PERPENDICULAR TO ROOF FRAMING MEMBERS, ATTACH TOP TRACK TO BOTTOM CHORD OF FRAMING IN A SIMILAR FASHION AS UNISTRUT MOUNTING SHOWN ON DETAIL 2/A4.3, FASTEN BOTTOM STUD TRACK TO FLOOR AT 16" O.C.	2 SEE DETAILS 1 AND 2, DRAWING A4.3	3 NOT USED
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PROJECT TITLE: McDONALD'S RESTAURANT COLUMBIA-HWY 70: 2023 BCK
 SHEET NO: 4122000363
 PROJECT NO: 4122000363
A1.0

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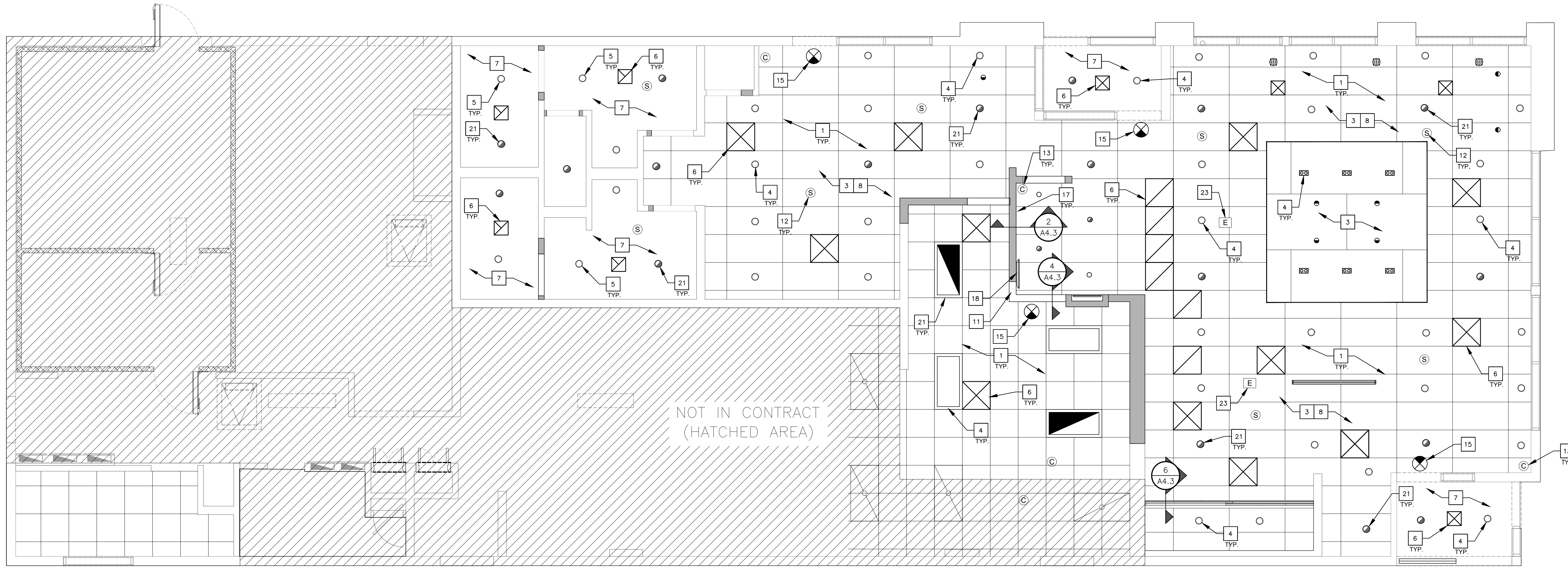
SUBMITTAL: _____
 DATE: _____
 BY: _____

DRAWN BY: JWC
 CHECKED BY: JWC
 DATE: 2019
 DATE: 03/09/23
 DATE: 03/09/23
 DATE: 03/09/23

PROJECT ADDRESS: 205 BUSINESS LOOP COLUMBIA, MO 65201

NO.	DESCRIPTION	DATE	BY
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1 PROPOSED REFLECTED CEILING PLAN
 A1.1 SCALE: 1/4" = 1'-0" 

CEILING NOTES

- 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).
- EXACT NUMBER OF CEILING MOUNTED ITEMS TO BE VERIFIED IN FIELD.
- EXISTING HVAC DUCTWORK TO REMAIN.
- 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.
- 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.
- 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.
- FOR CEILING FINISHES, HEIGHTS AND DETAILS SEE INTERIOR DECOR DRAWINGS.
- FOR LIGHTING SPECIFICATIONS AND ADDITIONAL INFORMATION, SEE ELECTRICAL AND DECOR DRAWINGS.
- FIXTURE QUANTITIES AND LOCATIONS MAY VARY DEPENDING UPON FINAL FURNITURE LAYOUT. SEE INTERIOR DECOR DRAWING FOR FURNITURE LAYOUT.
- MINIMUM CEILING HEIGHT IS 7'-6". SEE DECOR INTERIOR DRAWINGS FOR CEILING HEIGHTS.

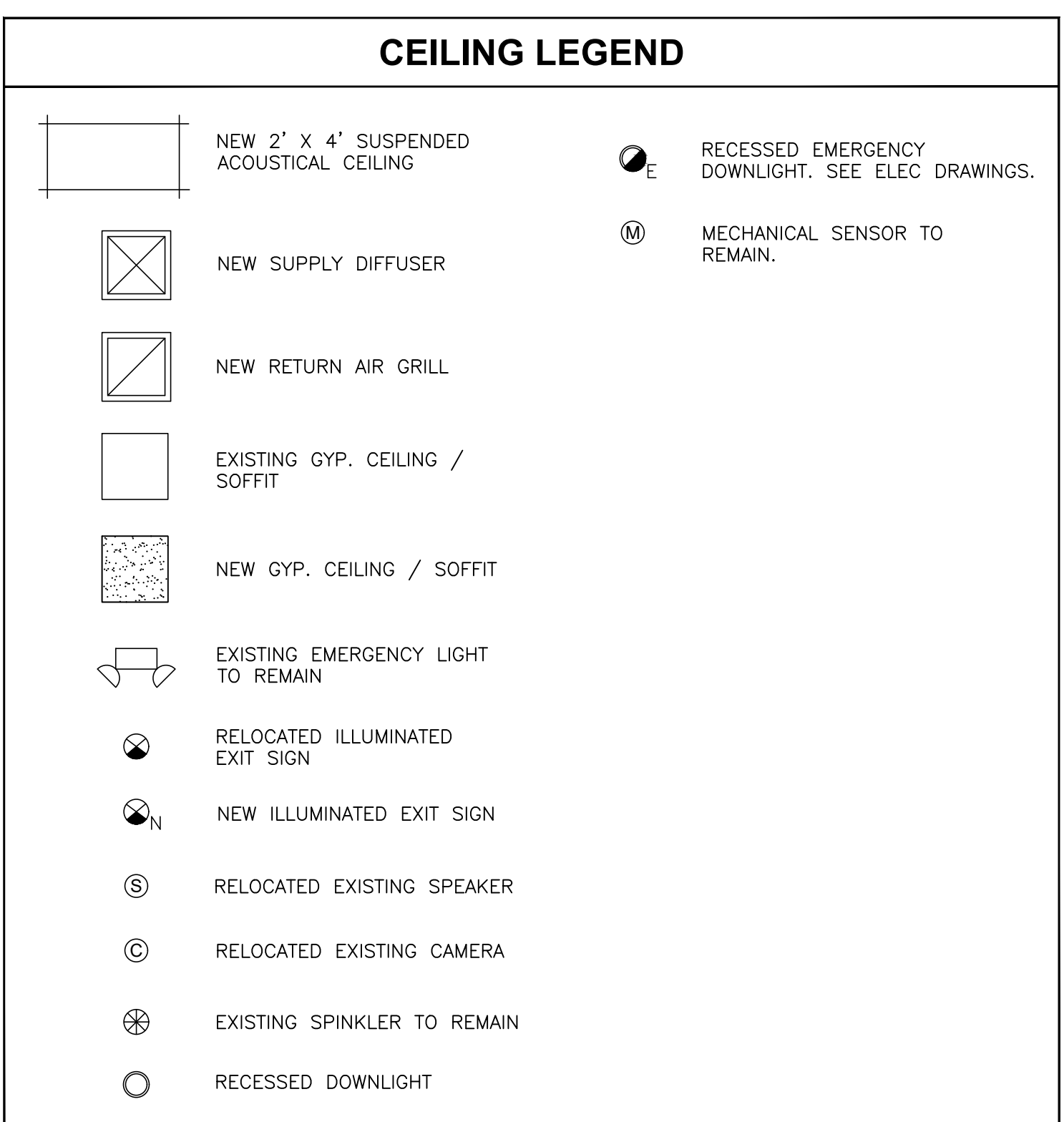
GYPSON BOARD CEILING ASSEMBLY NOTE

1/2" WATER RESISTANT GYP. BD. ON 7/8" 20 GA FURRING CHANNELS AT 24" O.C. SET AT RIGHT ANGLES AND ATTACHED TO 1-1/2 METAL CARRYING CHANNELS WITH FURRING CHANNEL CLIPS ON ALTERNATE SIDES OF CARRYING CHANNEL. CARRYING CHANNELS TO BE 1-1/2", 18 GA, AT 48" O.C. SUSPENDED FROM STRUCTURE ABOVE WITH 8 GA. HANGER WIRE AT 4'-0" O.C. MAX.

SUSPENDED CEILING NOTES

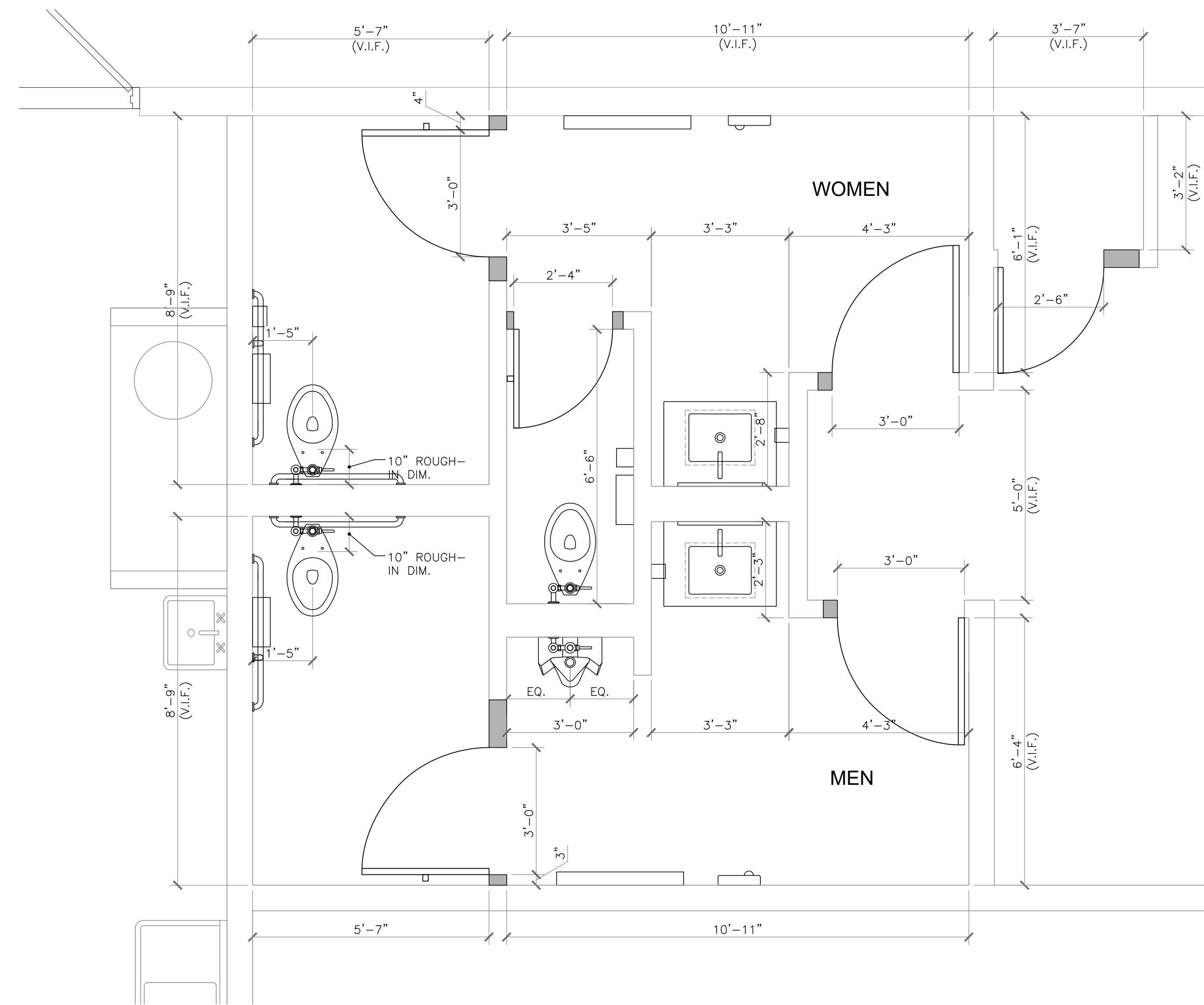
SEC. 803.9 & SEC. 2506.2, 2015 IBC
 ASTM C-635 & SEC. 13.5.6, ASCE-7-05

- 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.
- 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:
- LATERAL SUPPORT MAY BE PROVIDED BY FOUR WIRES OF MAXIMUM NO. 12 GA. SPAYED 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.
- 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.
- 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.
- LIGHTING FIXTURES AND AIR DIFFUSERS SHALL BE SUPPORTED DIRECTLY BY WIRES TO THE STRUCTURE ABOVE.

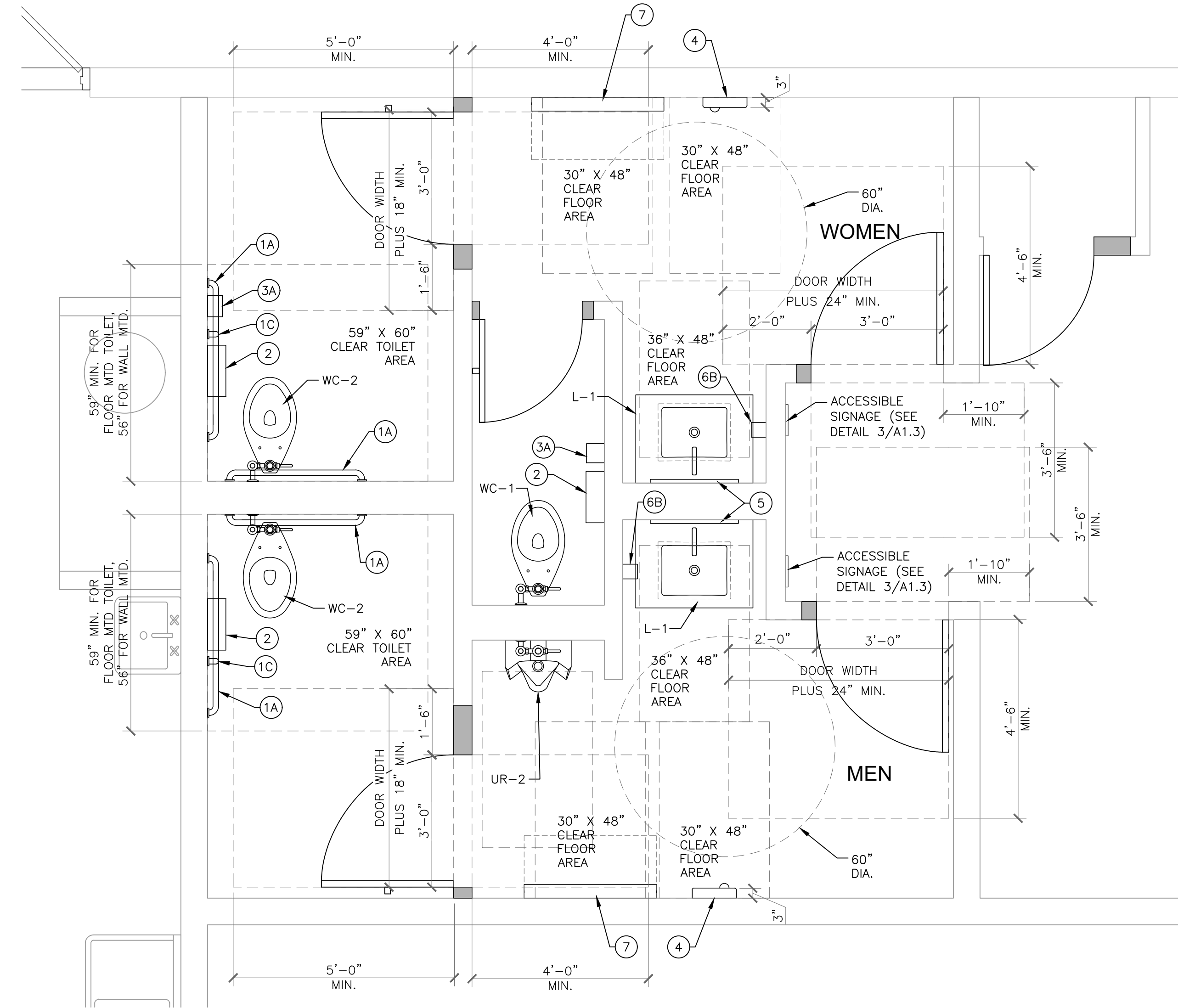


KEY NOTES

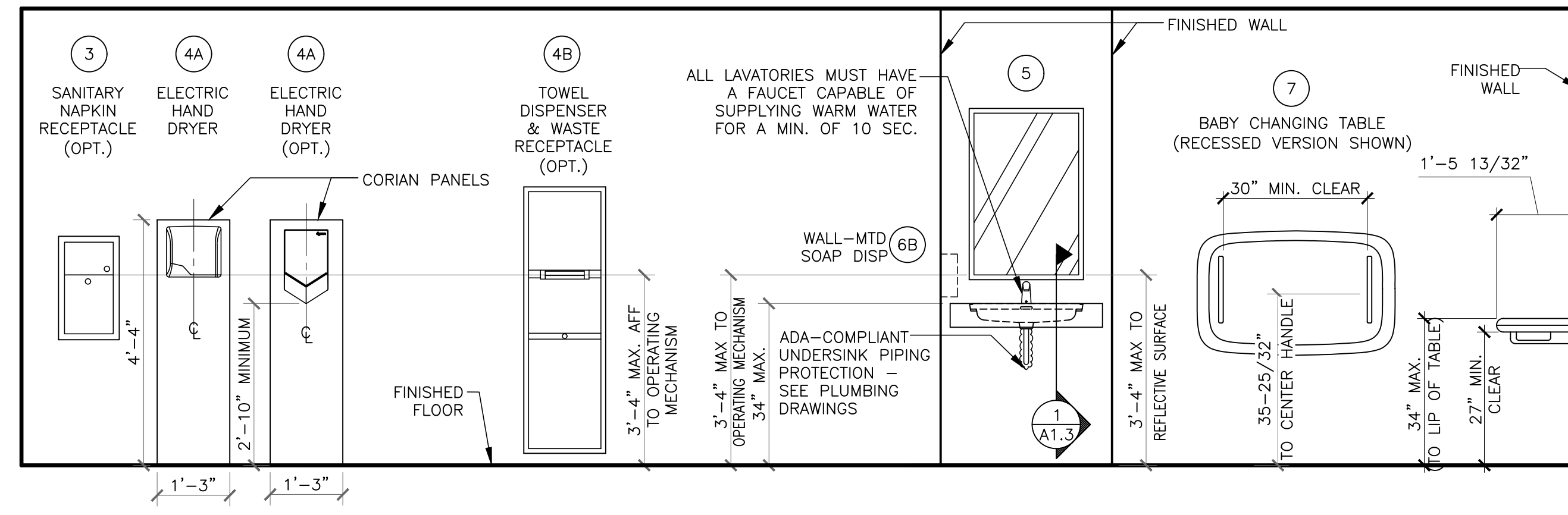
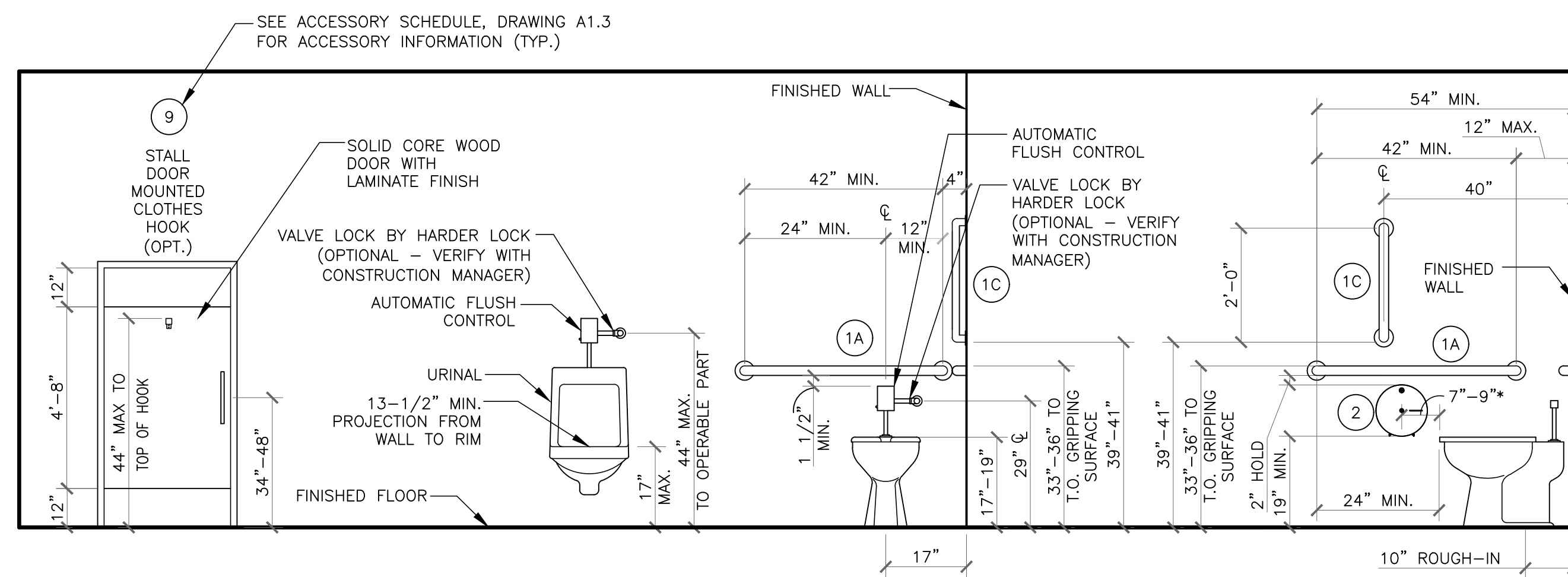
1 NEW ACOUSTICAL CEILING TILE (TYPICAL).	15 NEW ILLUMINATED EXIT SIGN.
2 PROVIDE NEW GWB CEILING ASSEMBLY. SEE GYPSON BOARD CEILING NOTE, THIS SHEET. (NOT USED)	16 RELOCATED ILLUMINATED EXIT SIGN. (NOT USED)
3 NEW GWB SOFFIT. SEE SOFFIT DETAIL 4/A4.3. REFER TO INTERIOR 'DECOR' DRAWINGS FOR EXACT LOCATION.	17 NEW DIGITAL MENU BOARDS.
4 NEW LIGHTING. SEE INTERIOR DECOR AND ELECTRICAL DRAWINGS.	18 NEW ORB CENTERED ON PICKUP COUNTER.
5 NEW LED RETRO FIT KIT IN EXISTING LIGHTING LOCATION.	19 BULKHEAD TRANSITION - SEE 'DECOR' INTERIOR DRAWINGS. (NOT USED)
6 RELOCATED SUPPLY DIFFUSER/RETURN AIR GRILLE. COORDINATE LOCATIONS AND INSTALLATION WITH NEW CEILING GRID LAYOUT.	20 EXISTING COLUMN TO REMAIN. (NOT USED)
7 EXISTING CEILING/SOFFIT ASSEMBLY TO RECEIVE NEW FINISH. PATCH AND REPAIR AS REQUIRED.	21 NEW EMERGENCY LIGHT FIXTURE.
8 NEW CEILING FINISHES, SEE INTERIOR 'DECOR' DRAWINGS.	22 EXISTING SPRINKLER TO REMAIN. (NOT USED)
9 NEW CEILING FEATURE, SEE INTERIOR 'DECOR' DRAWINGS.	22A EXISTING SPRINKLER HEAD HEIGHT TO BE ADJUSTED PER NEW CEILING LAYOUT. (NOT USED)
10 EXISTING VALANCE TO BE CUT 2" BELOW EXISTING CEILING. (NOT USED)	23 POWER FOR KIOSKS. SEE ELEC.
11 NEW VALANCE. SEE DETAIL 3, DRAWING A4.3.	24 MECHANICAL SENSOR TO REMAIN. (NOT USED)
12 RELOCATED SPEAKER.	
13 RELOCATED CAMERA.	
14 EXISTING EMERGENCY LIGHT FIXTURE TO REMAIN. (NOT USED)	



1
A1.2 ENLARGED RESTROOM DIMENSION PLAN
1/2" = 1'-0"



2
A1.2 ENLARGED RESTROOM CLEARANCE AND ACCESSORY PLAN
1/2" = 1'-0"



DIMENSIONS SHOWN ON THIS AND OTHER DRAWINGS DEPICIT 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 ENTERAINED IF THE FOREGOING PROCEDURE IS NOT FOLLOWED.

3
A1.2 RESTROOM FIXTURE AND ACCESSORY ELEVATIONS
1/2" = 1'-0"

CONSULTANT:

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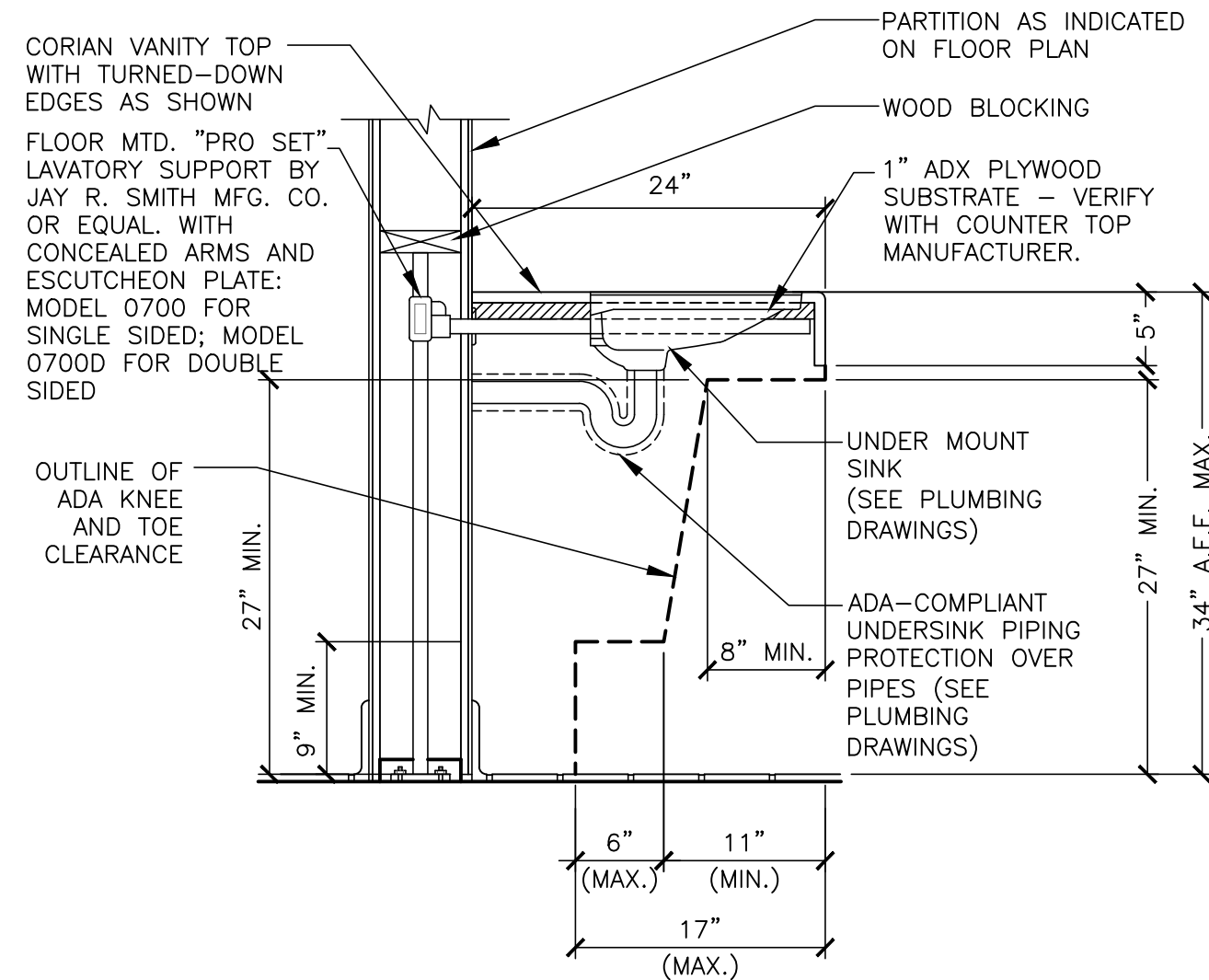
PROJECT FILE:

PROJECT FILE	MC DONALD'S RESTAURANT
PROJECT FILE	COLUMBIA-HWY 70: 2023 BCK
PROJECT FILE	ENLARGED RESTROOM PLANS
PROJECT FILE	AND ACCESSORY ELEVATIONS
PROJECT FILE	205 BUSINESS LOOP
PROJECT FILE	COLUMBIA, MO 65201

DATE:

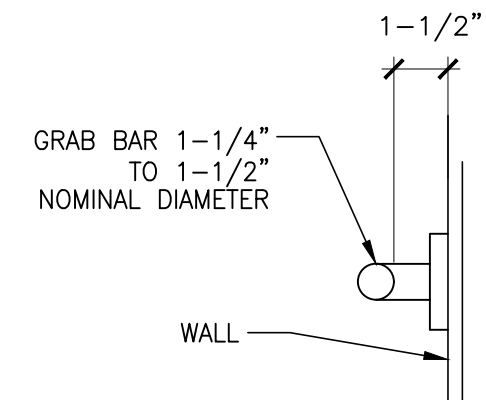
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PROJECT NO. 4122000363

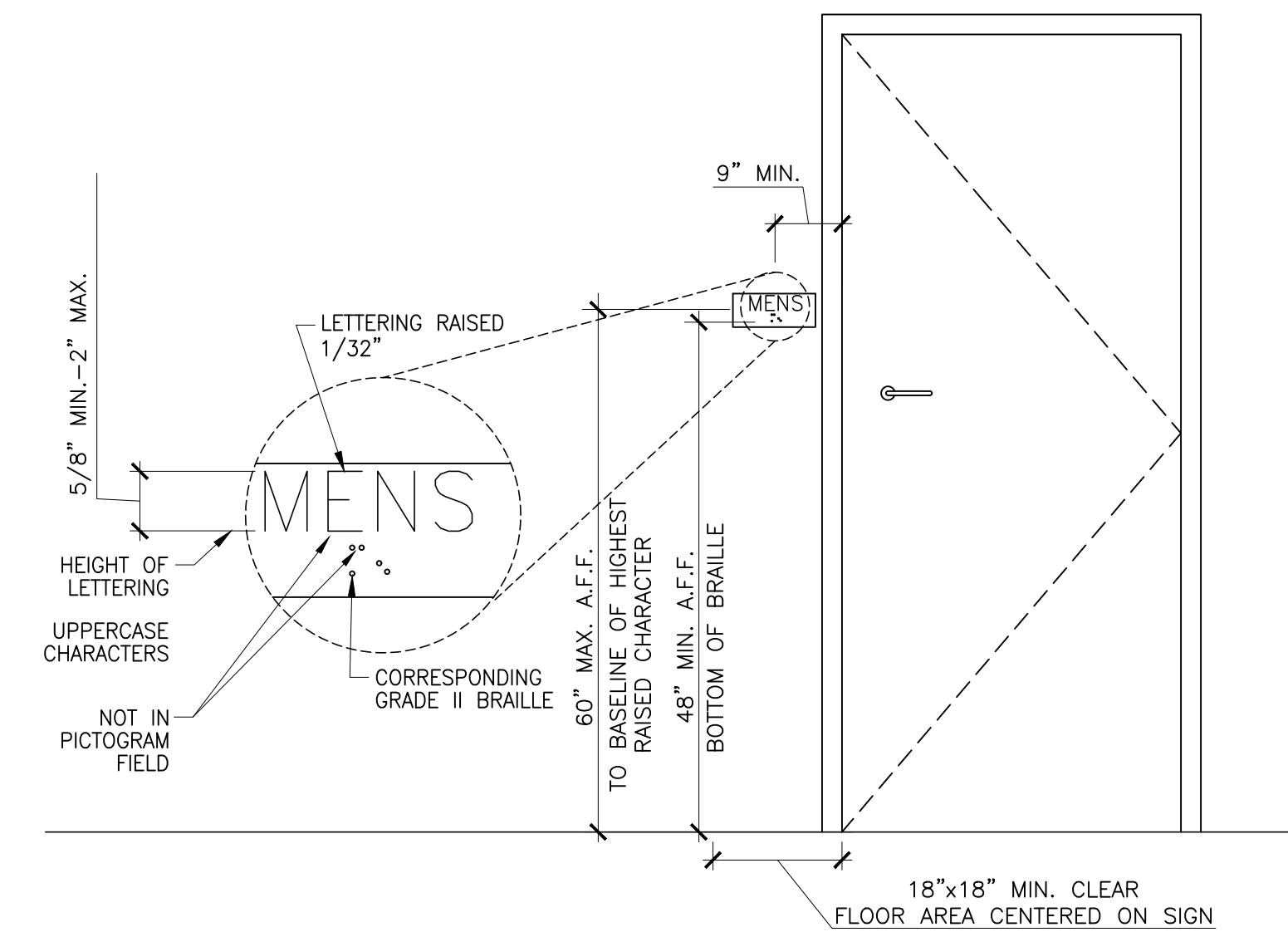


1 TYPICAL SECTION OF LAVATORY
A1.3 1" = 1'-0"

- NOTES:
- BENDING STRESS OF A 250LB POINT LOAD SHALL BE LESS THAN THE ALLOWABLE STRESS FOR THE GRAB BAR MATERIAL.
 - SHEAR STRESS OF A 250LB POINT LOAD SHALL BE LESS THAN THE ALLOWABLE STRESS FOR THE GRAB BAR MATERIAL. ITS MOUNTING BRACKET OR OTHER SUPPORT IS CONSIDERED TO BE FULLY RESTRAINED, THEN DIRECT AND TORSIONAL SHEAR STRESSES SHALL NOT EXCEED ALLOWABLE SHEAR STRESS.
 - SHEAR FORCE INDUCED IN A FASTENER OR MOUNT FROM A 250LB POINT LOAD SHALL BE LESS THAN THE ALLOWABLE LATERAL LOAD OF FASTENER OR MOUNTING DEVICE, WHICHEVER IS THE SMALLER ALLOWABLE LOAD.
 - TENSILE FORCE FROM A 250LB POINT LOAD PLUS THE MAX MOMENT FROM A 250LB POINT LOAD SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN FASTENER AND SUPPORT STRUCTURE.
 - A GRAB BAR AND ANY ADJACENT WALL SURFACE SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. EDGES SHALL HAVE A MINIMUM 1/8" RADIUS.



2 TYPICAL GRAB BAR DETAIL
A1.3 N.T.S.



3 RESTROOM I.D.
A1.3 N.T.S.

MARK	FIXTURE TYPE	DESCRIPTION
WC-1	WATER CLOSET	WATER CLOSET: TOTO #CT705EN#01 OR ZURN Z5655-BWL1 1.28 GPF FLUSH VALVE: TOTO TET1LAX32#CP OR ZURN ZTR6200EV-LL 1" I.P.S., 1 1/2" TOP SPUD FLUSH VALVE OPERATION: SENSOR SEAT: BEMIS MODEL 2155CT
WC-2	WATER CLOSET (HANDICAP ACCESSIBLE)	WATER CLOSET: TOTO #CT705ELN#01 OR ZURN Z5665-BWL1 1.28 GPF FLUSH VALVE: TOTO TET1LAX32#CP OR ZURN ZTR6200EV-CC-LL 1" I.P.S., 1 1/2" TOP SPUD FLUSH VALVE OPERATION: SENSOR SEAT: BEMIS MODEL 2155CT
L-1	LAVATORY (HANDICAP ACCESSIBLE)	LAVATORY: KOHLER K-2882-0 OR TOTO LT191G LAVATORY: CORIAN COUNTER BY GC, APPROVED ADA HEIGHT FAUCET: TOTO TEL101-D10ET#CP OR ZURN Z6950-XL-S-10S-LL-TMV-1 1.0 GPM (0.17 GAL/10 SEC CYCLE) ACCESSORIES: TRUEBRO LAVGUARD2 MODEL #102 E-Z JAY R. SMITH "PROSET" MODEL 0700 SINGLE SIDED OR MODEL 0700D DOUBLE SIDED FLOOR MOUNTED LAVATORY SUPPORT WITH CONCEALED ARMS AND ESCUTCHEON PLATES.
L-2	LAVATORY (HANDICAP ACCESSIBLE)	LAVATORY: AMERICAN STANDARD LUCERNE WALL HUNG ADA HEIGHT FAUCET: TOTO TEL101-D10ET#CP OR ZURN Z6950-XL-S-10S-LL-TMV-1 1.0 GPM (0.17 GAL/10 SEC CYCLE) ACCESSORIES: TRUEBRO MODEL #102 E-Z LAVGUARD2 JAY R. SMITH "PROSET" MODEL 0700 SINGLE SIDED OR MODEL 0700D DOUBLE SIDED FLOOR MOUNTED LAVATORY SUPPORT WITH CONCEALED ARMS AND ESCUTCHEON PLATES.
UR-1	URINAL (HANDICAP ACCESSIBLE)	URINAL: TOTO UT445U#01 0.125 GPF OR ZURN Z5755U 0.125 GPF FLUSH VALVE: TOTO TEU1LAX12#CP OR ZURN ZTR6203-ULF-LL 3/4" I.P.S. 1" TOP SPUD
UR-2	URINAL (SEE NOTE NO. 3)	FLUSH VALVE OPERATION: SENSOR

NOTES:
1. PLUMBING CONTRACTOR SHALL PROVIDE GRID DRAIN, P-TRAP AND VALVE STOPS FOR ALL SINKS & LAVS.
2. PLUMBING CONTRACTOR SHALL COORDINATE WITH G.C. TO PROVIDE BLOCKING FOR PROPER URINAL SUPPORT.
3. UR-2, SIMILAR TO UR-1 EXCEPT MOUNTED AT STANDARD HEIGHT.

ITEM (SEE NOTE 2)	MFR MODEL #	SUPPLIER	BACKUP SUPPORT (SEE NOTE 3)
1A GRAB BAR 42"	BOBRICK B-6806X42	HUGHES SUPPLY (866) 310-3576	(1)2x6 4'-0" LONG CENTER MOUNTED
1B GRAB BAR 36"	B-6806X36	MCDCOORD@HAJOCA.COM	
1C GRAB BAR 24"	B-6806X24		
2 TOILET TISSUE DISPENSER, JUMBO, SURFACE MOUNTED	BRADLEY 5424	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	SURFACE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS
3 SANITARY NAPKIN RECEPTACLE, RECESSED (OPTIONAL)	BOBRICK B-353	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	FRAME WALL OPENING PER MANUFACTURER'S RECOMMENDATIONS
3A SANITARY NAPKIN RECEPTACLE, SURFACE MOUNTED (OPTIONAL)	BOBRICK B-254	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	SURFACE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS
4A HAND DRYER, ENERGY EFFICIENT MODEL, ADA, ALUMINUM BRUSHED CHROME	WORLD DRYER L-971 SlimDry	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	SURFACE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS. PROFILE DEPTH: 3-15/16"
4A HAND DRYER, ENERGY EFFICIENT MODEL, ADA, SPRAYED NICKEL	DYSON AIRBLADE V	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	SURFACE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS
4B TOWEL DISPENSER & WASTE RECEPTACLE, COMBINATION, RECESSED (OPTIONAL)	BOBRICK B-3974	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	FRAME WALL OPENING PER MANUFACTURER'S RECOMMENDATIONS
5 MIRROR, CHANNEL FRAME	BOBRICK B-165 2436	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	SURFACE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS
6A SOAP DISPENSER, COUNTER MOUNTED, 6" SPOUT (OPTIONAL)	BOBRICK B-82216	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	COUNTER MOUNTED PER MANUFACTURER'S RECOMMENDATIONS
6B SOAP DISPENSER, WALL-MOUNTED	BOBRICK B-2112	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	SURFACE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS
7 BABY CHANGING TABLE, HORIZONTAL, RECESSED, ADA COMPLIANT, STAINLESS STEEL	KOALA KARE KB310-SSRE	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	FRAME WALL OPENING PER MANUFACTURER'S RECOMMENDATIONS
7 BABY CHANGING TABLE, HORIZONTAL, SURFACE MOUNT, ADA COMPLIANT, STAINLESS STEEL	KOALA KARE KB310-SSWM	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	SURFACE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS
8 DIAPER CONTAINER (OPTIONAL)	-	BY OWNER	N/A
9 CLOTHES HOOK	BRADLEY 917	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	SURFACE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS
10 TOILET PARTITION (OVERHEAD BRACED TYPE) SOLID PHENOLIC-CORE PANELS	ACCURATE PARTITIONS CORPORATION		CONTINUOUS TREATED PLYWOOD BACKING PER MANUFACTURER'S RECOMMENDATIONS (SEE TOILET PARTITION NOTES, THIS SHEET)

NOTES:
1) SEE 3/A1.2 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

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Tel: (781) 273-2500 | www.ebiconsulting.com

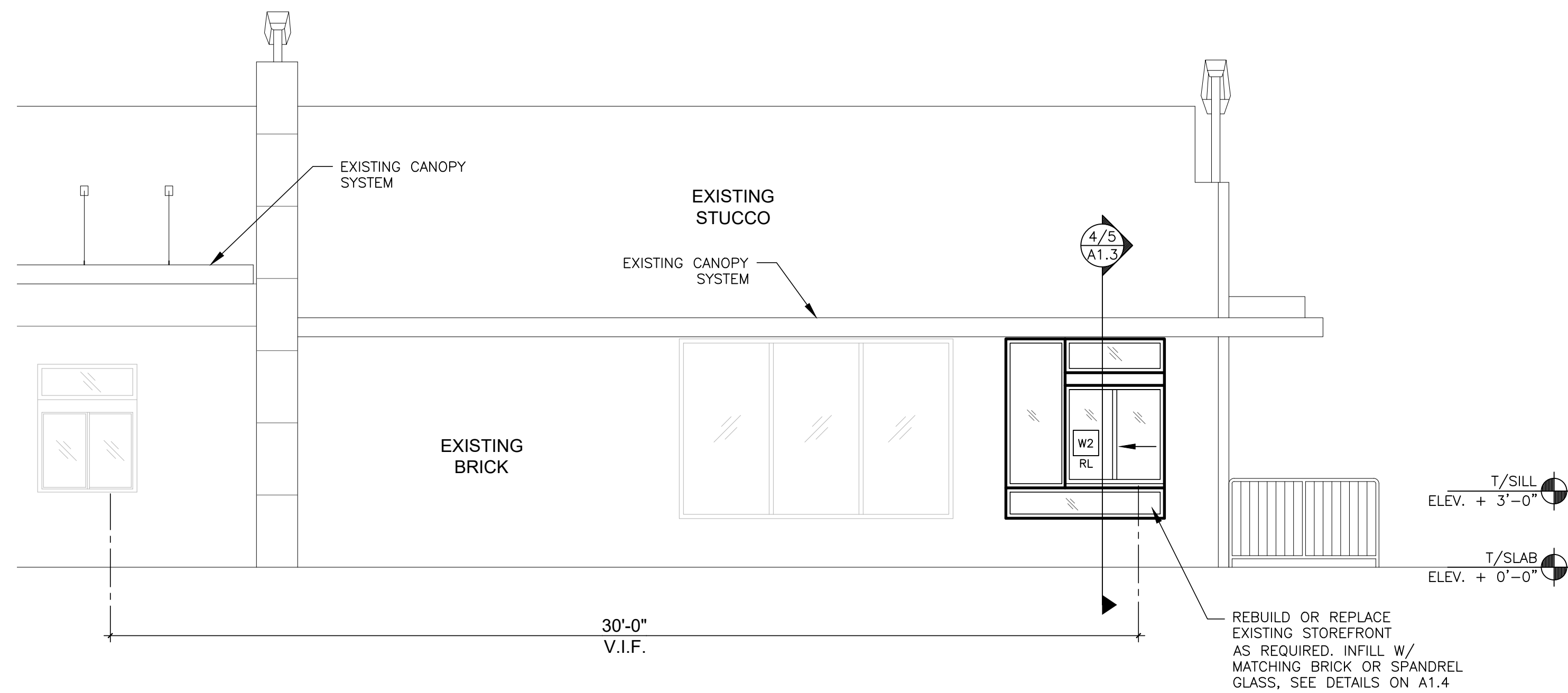
SIGNED BY: **JOSHUA W. CARRELL**
ARCHITECT
NUMBER A-2018040323
DATE: 03/09/2023

NAME: **JOSHUA CARRELL**
LICENSE NO: **A-2018040323**

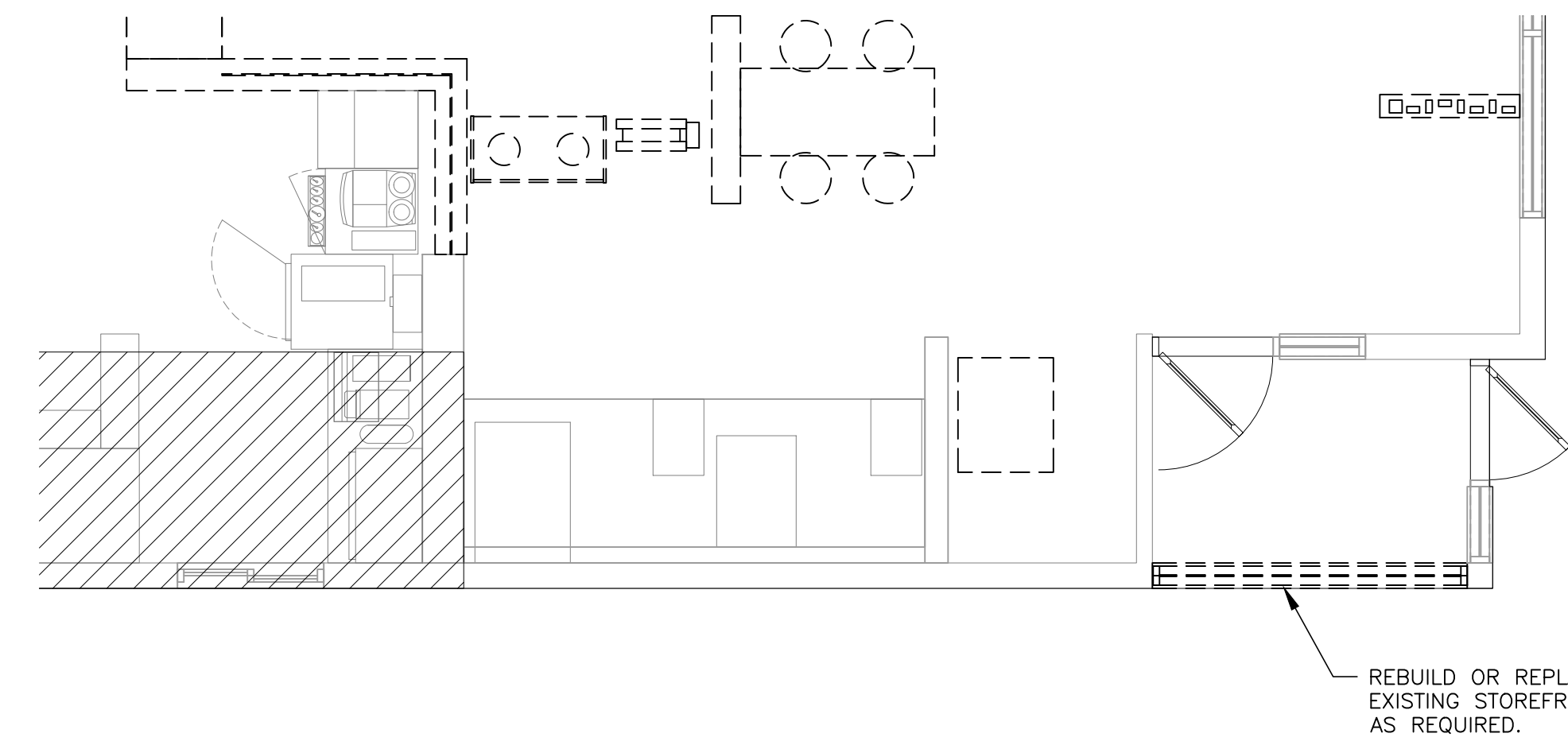
PREPARED FOR: **McDonald's USA, LLC**
CONSULTANT:

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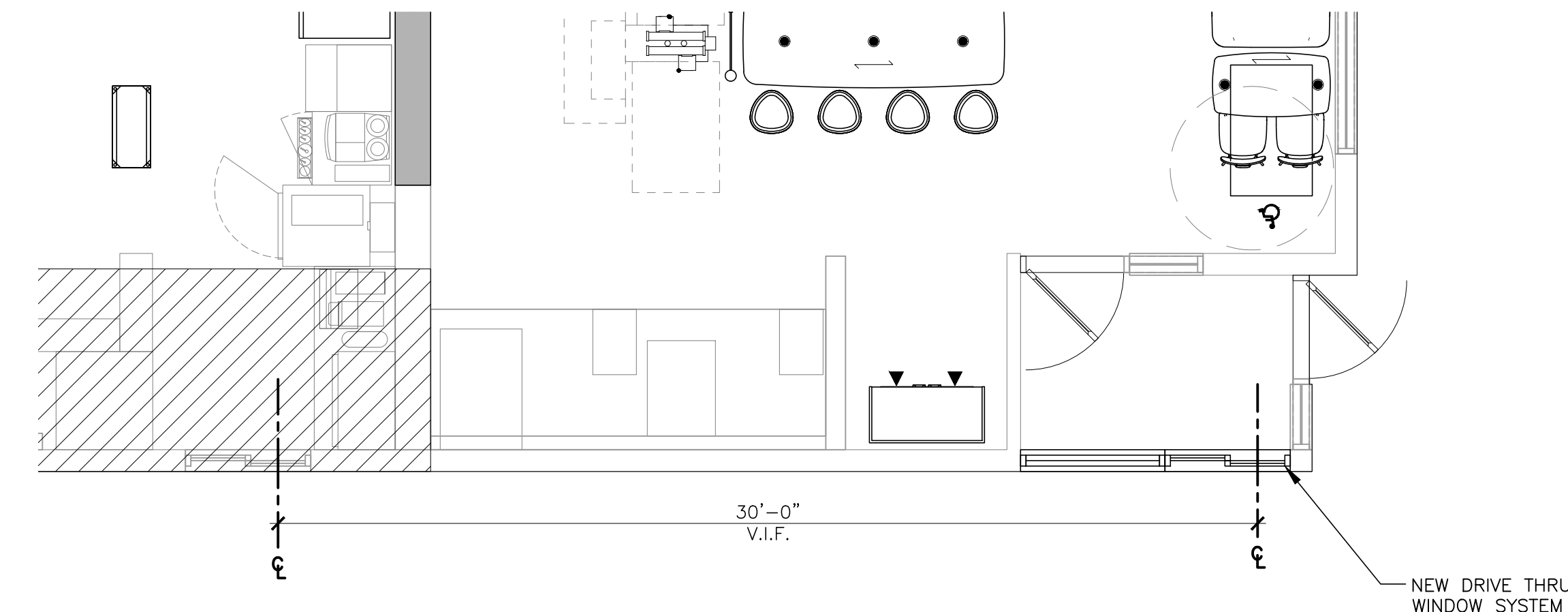
PROJECT TITLE: **MCDONALD'S RESTAURANT COLUMBIA-HWY 70: 2023 BCK**
SHEET TITLE: **RESTROOM DETAILS AND SCHEDULES**
SHEET NO.: **A1.3**
PROJECT NO.: 4122000363
205 BUSINESS LOOP COLUMBIA, MO 65201



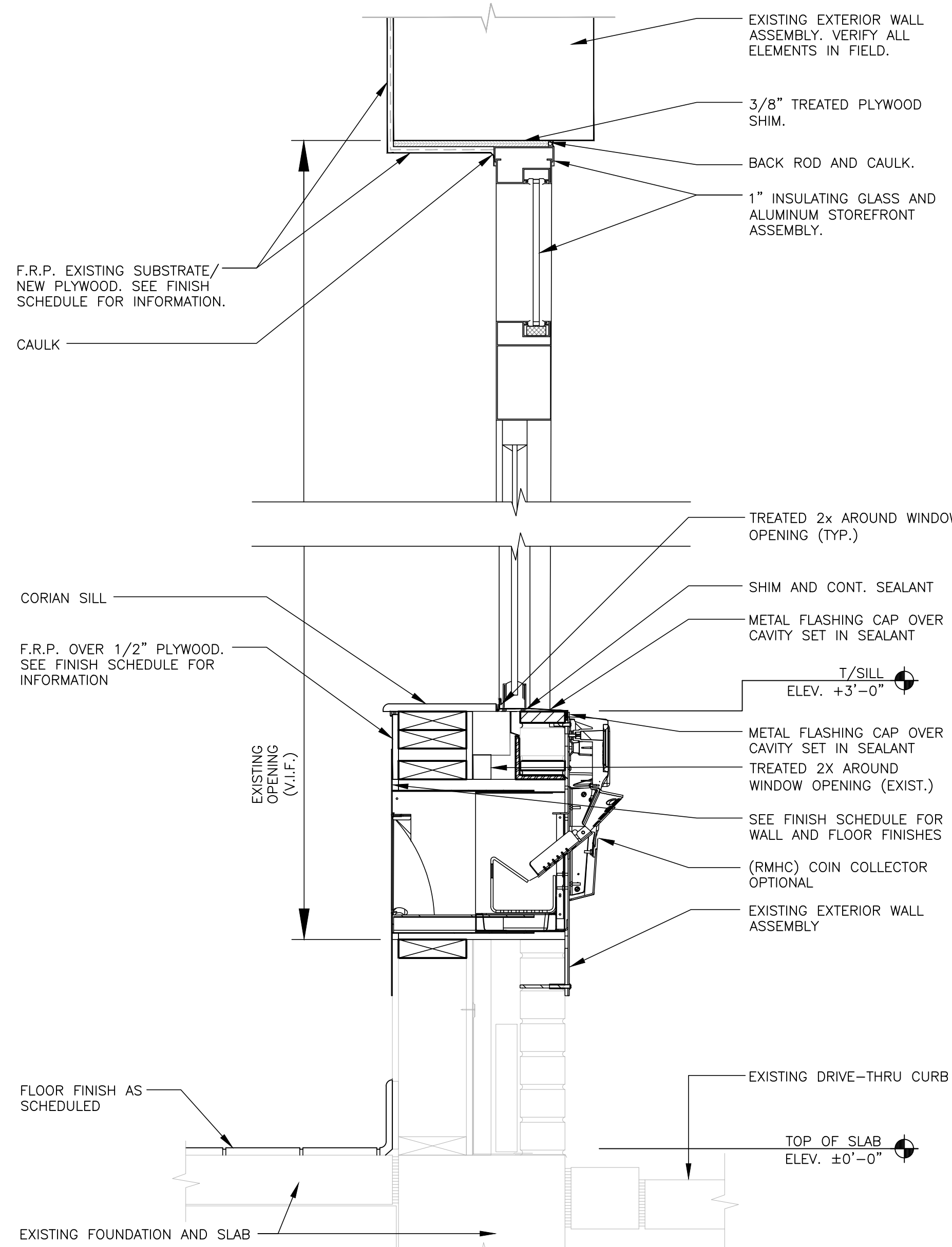
3 PARTIAL ELEVATION
A1.4 1/4" = 1'-0"



1 PARTIAL DEMO FLOOR PLAN
A1.4 1/4" = 1'-0"



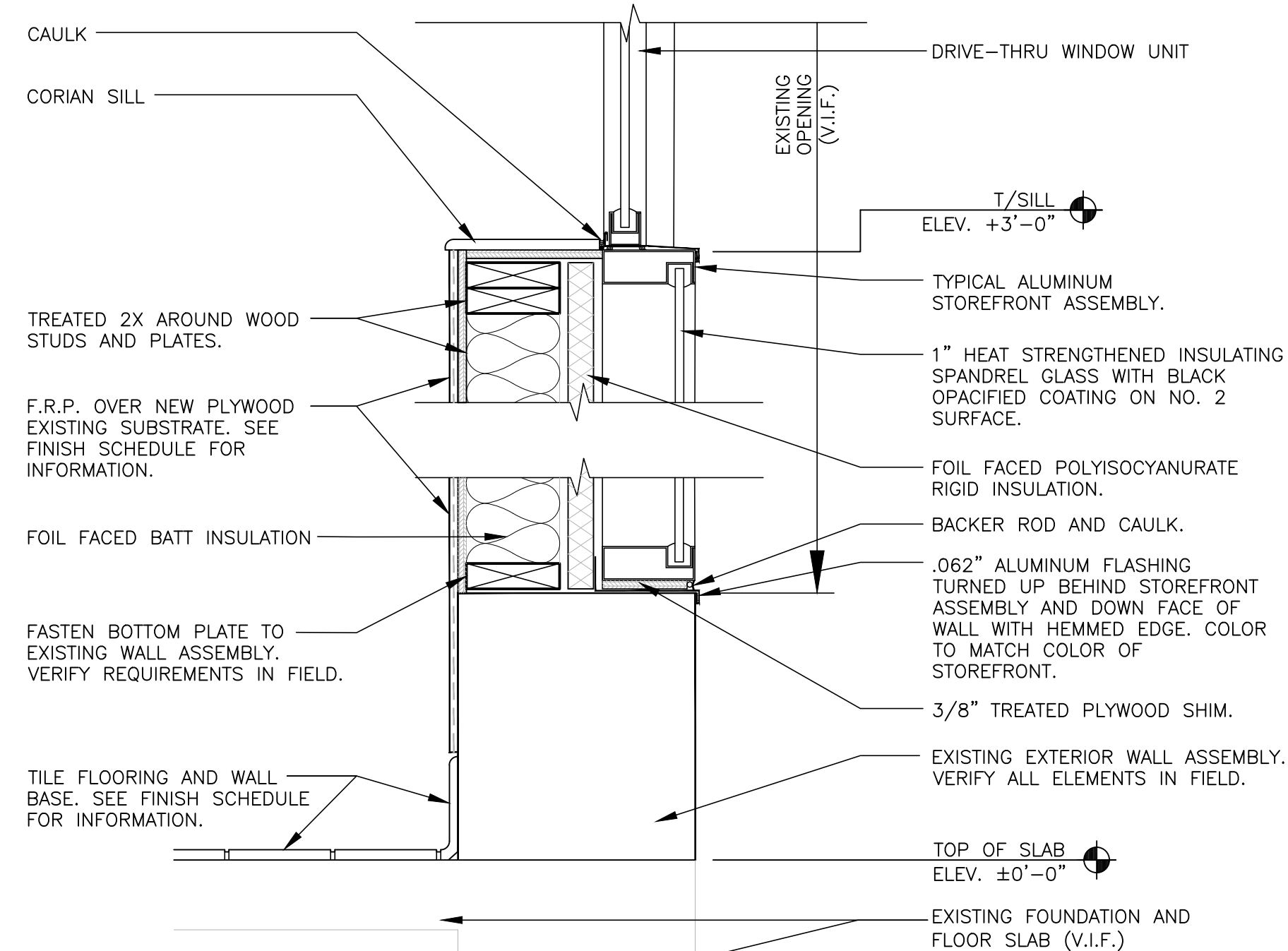
2 PARTIAL FLOOR PLAN
A1.4 1/4" = 1'-0"



4 TYPICAL WALL SECTION - ORDER WINDOW
A1.4 3/4" = 1'-0"

KEY NOTES:

- W2 DRIVE-THRU WINDOW BY READY ACCESS
- MODEL: 600 SERIES, 36" SERVICE HEIGHT WITH TRANSOM, MANUAL OPEN; ELECTRONIC RELEASE
- COLOR: DEEP BRONZE
- SLIDE DIRECTION: RL = RIGHT TO LEFT
LR = LEFT TO RIGHT



5 ALT. TYPICAL WALL SECTION - ORDER WINDOW
A1.4 3/4" = 1'-0"

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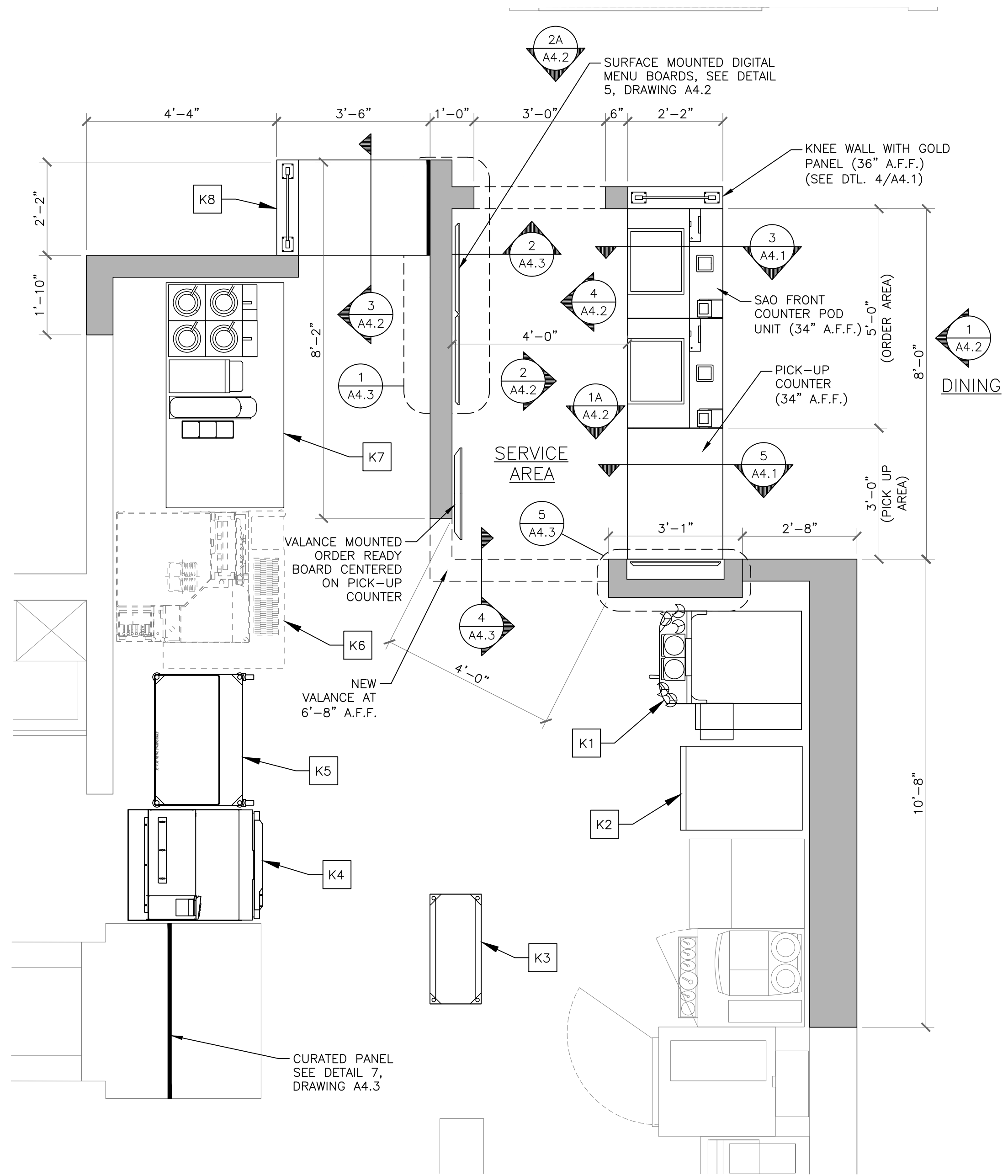
DATE: 03/09/2023

PREPARED FOR: McDonald's USA, LLC
PROJECT: MCDONALD'S RESTAURANT COLUMBIA-HWY 70: 2023 BCK
CONSULTANT: MCDONALD'S USA, LLC
ARCHITECT: JOSHUA W. CARRELL
LICENSE NO: A-2018040323
DATE: 03/10/23

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PROJECT FILE: MCDONALD'S RESTAURANT COLUMBIA-HWY 70: 2023 BCK
SHEET FILE: THIRD DRIVE-THRU WINDOW, ELEVATIONS & DETAILS
SHEET ADDRESS: 205 BUSINESS LOOP COLUMBIA, MO 65201
PROJECT NO. 4122000363

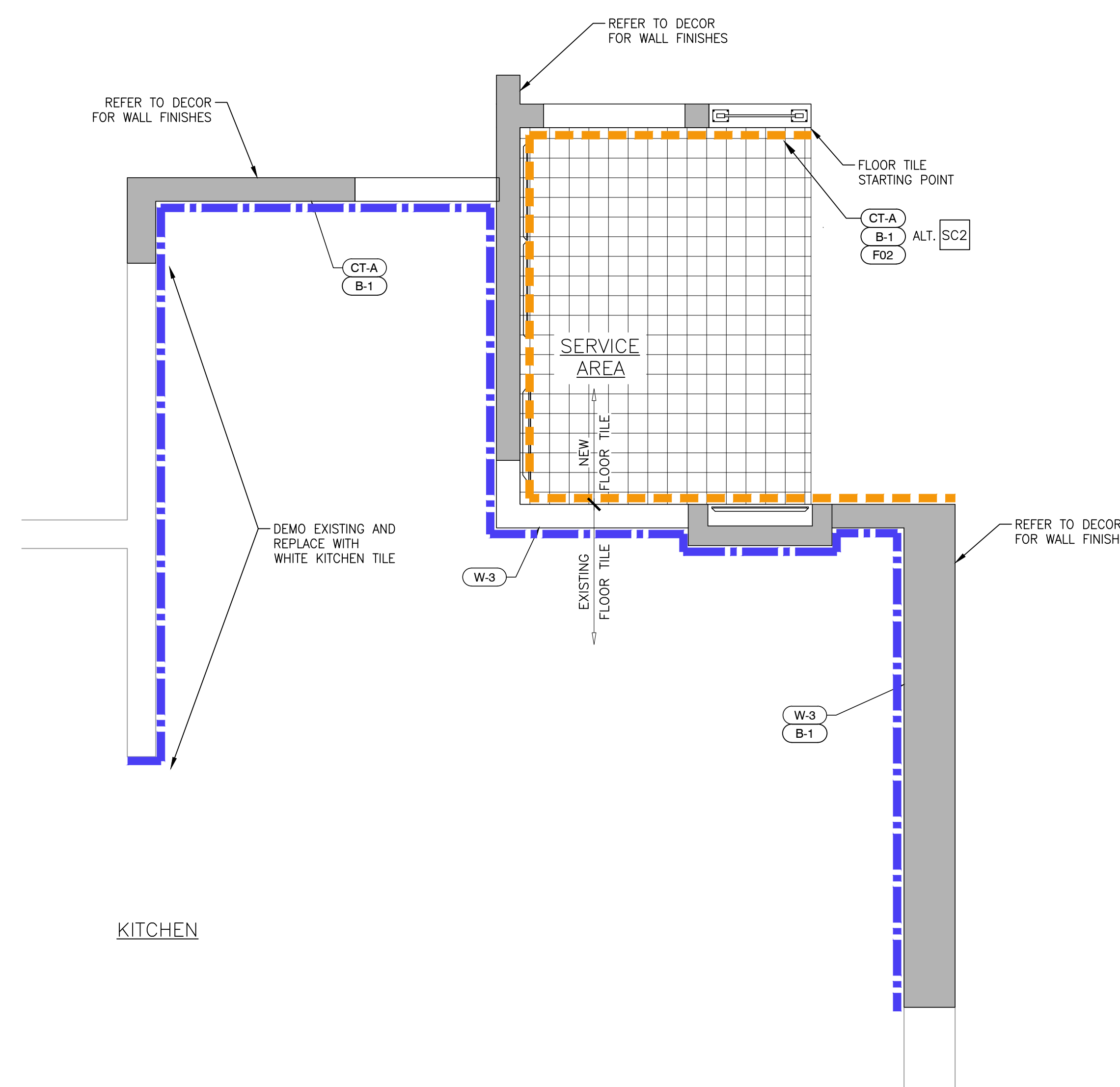
A1.4



1 SERVICE AREA PLAN
A4.1 1/2" = 1'-0"

KITCHEN EQUIPMENT SCHEDULE

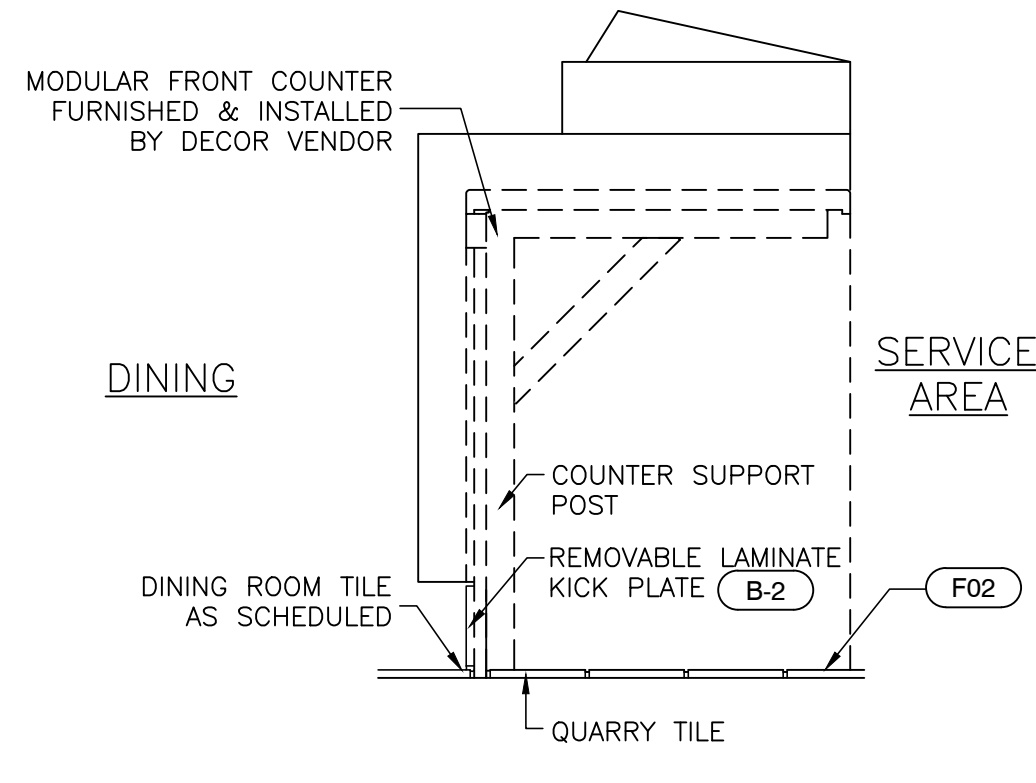
K1	RELOCATED EXISTING COMBO SHAKE MACHINE AND MFLURRY BLENDER. KES TO PROVIDE NEW CUP DISPENSER AND BLENDER BRACKET.
K2	RELOCATE EXISTING FROZEN CARBONATED BEVERAGE (2'-3" HOLD)
K3	RECOMMENDED TO INCLUDE NEW 14" x 30" TWO-TIERED STAGING CART.
K4	KES TO PROVIDE NEW 30" ORDER ASSEMBLY STATION W/ FRIDGE.
K5	KES TO PROVIDE NEW 36" DIGITAL ASSEMBLY CART.
K6	FUTURE CREW POUR.
K7	RELOCATE EXISTING 5'-0" CENTER ISLAND W/ NEW SURESHOT SWEETENER AND RELOCATED EQUIPMENT ABOVE.
K8	DECOR TO PROVIDE NEW UNASSISTED 42" SEPARATED PICK UP.



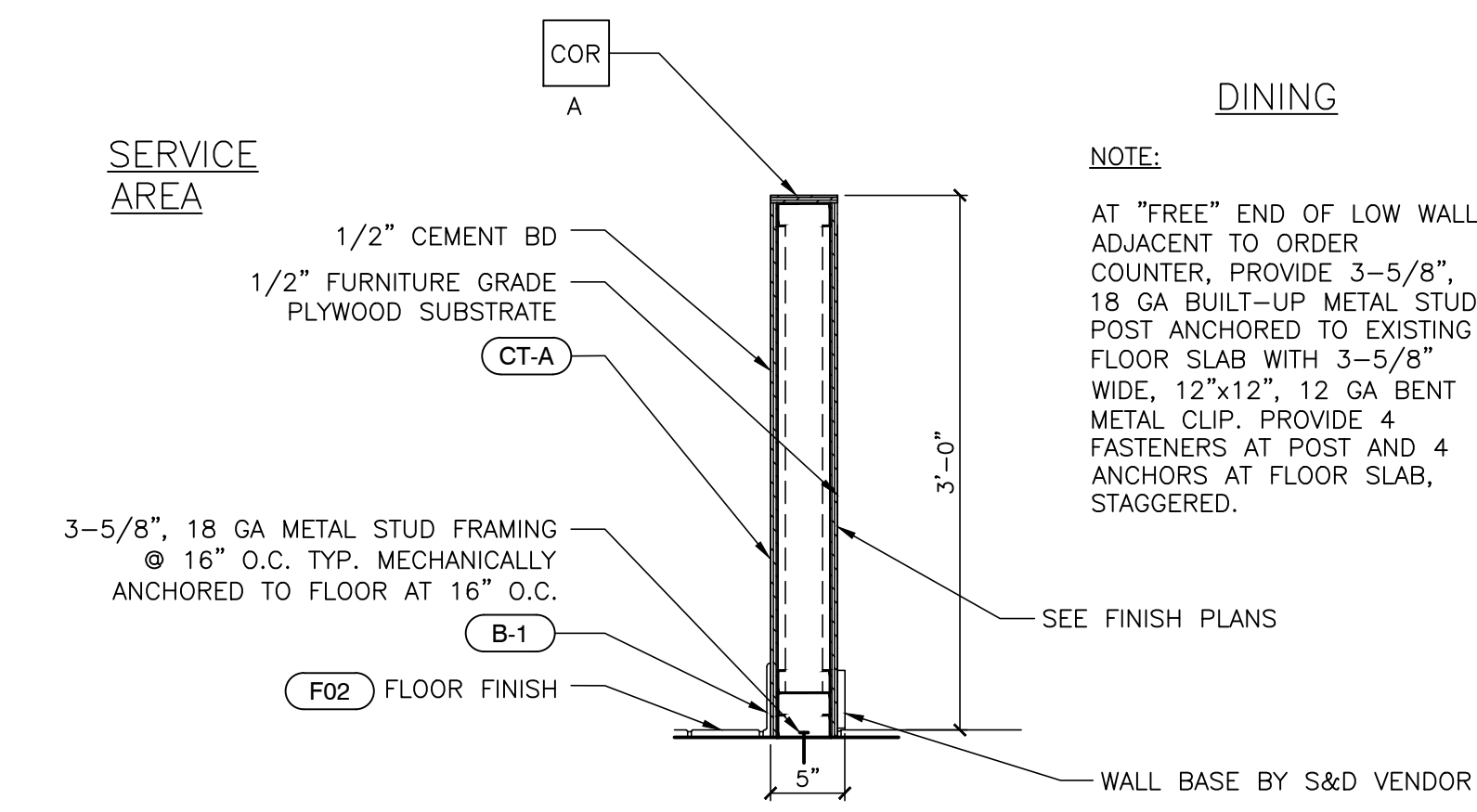
2 SERVICE AREA FINISH PLAN
A4.1 1/2" = 1'-0"

FINISH KEY NOTES ** GC TO VERIFY ALL FINISHES WITH DECOR DRAWINGS. IF DISCREPANCIES ARE FOUND, THE DECOR DRAWINGS WILL SUPERCEDE THESE. COORDINATE ALL FINISHES WITH McDONALD'S ACM PRIOR TO INSTALLATION.

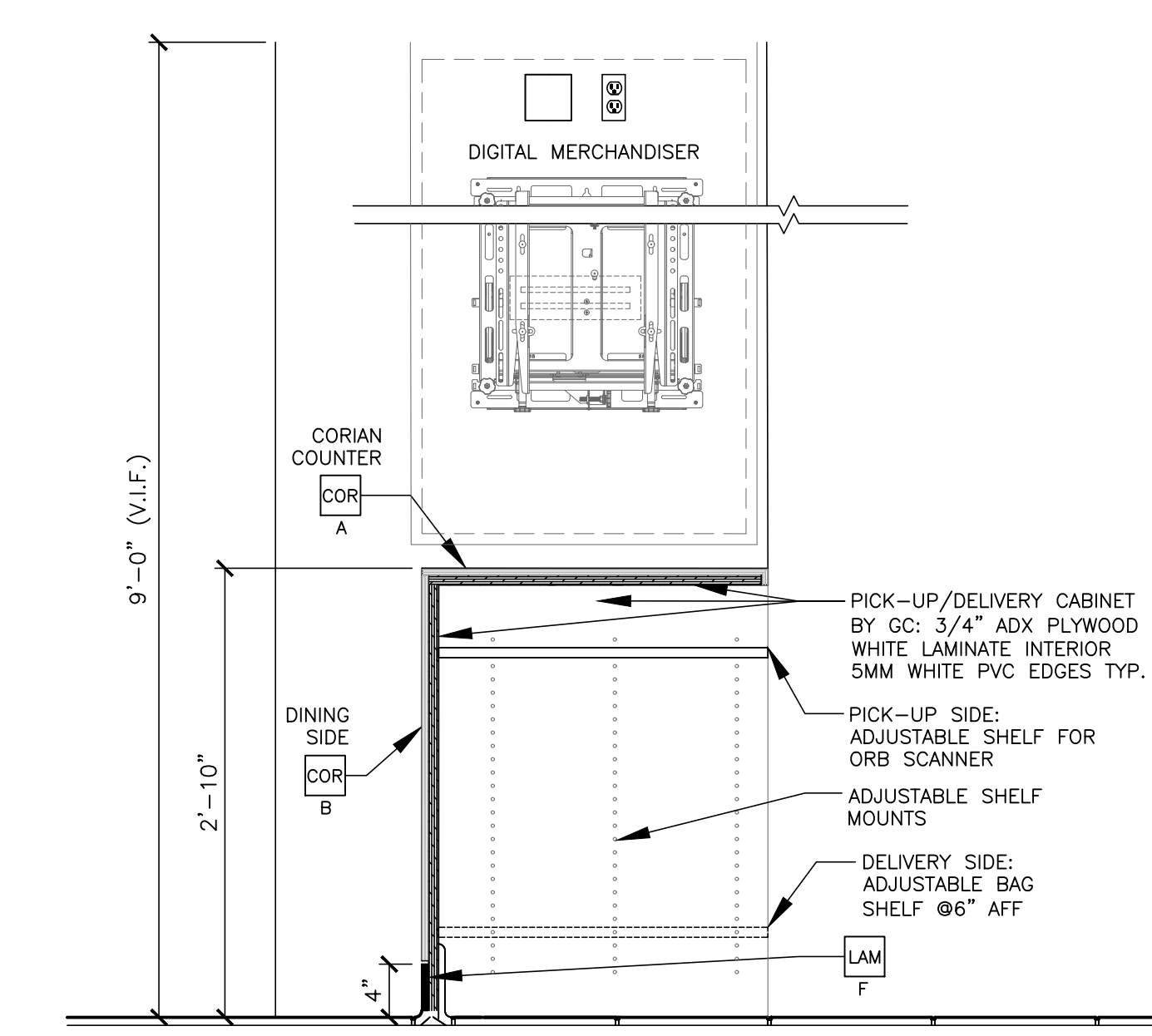
CT-A	DARK: PORCELAIN WALL TILE: EUROWEST COLOR: NOIR 4"x12" PATTERN: STACK BOND GROUT: MAPEI-47 CHARCOAL-JOINT TO BE 1/8" MAX. TAG =	COR-A	CORIAN: COLOR: SEE DECOR DRAWINGS
W-1	F.R.P. WHITE TAG =	COR-B	CORIAN: COLOR: SEE DECOR DRAWINGS
W-2	CORIAN DEEP TITANIUM TAG =	CP	DARK CURATED VIEW PANEL: COLOR: WILSONART - STEEL MESH 4879-38
W-3	WHITE KITCHEN TILE TAG =		LIGHT CURATED VIEW PANEL: COLOR: WILSONART - FASHION GRAY D381-60
W-4	(NOT USED)	SC1	SCHLUTER: QUADREC Q100TSG COLOR: TUSCAN PEWTER
F02	FLOOR TILE: 6"x6" METROPOLITAN QUARRY BASIC TO MATCH EXISTING TAG =	SC2	SCHLUTER: DILEX-AHK COLOR: ANODIZED ALUMINUM
B-1	QUARRY TILE COVE BASE TO MATCH EXISTING	SS1	COUNTER TOP TRIM: COLOR: CORIAN CAMEO WHITE
B-2	LAMINATE BASE-FORMICA BLACK	WS	WOOD SLATS: COLOR: WOOD NATURAL FINISHED OAK
LAM	LAMINATE: COLOR: MARLITE S-807N SMOOTH BLACK	GP	GRAPHIC CORNER PANEL: COLOR: PRINTED CONTENT TBD
LAM-B	LAMINATE: COLOR: TRASH/ COND., WHITE PLASTIC LAMINATE BY GC	BP	BACKER PANEL GRAPHIC: CUSTOM BURLAP GRAPHIC TAG =
LAM-C	LAMINATE: COLOR: TRASH/ COND., LAMITECH GRAPHITE K MATTE FINISH BY GC		
LAM-F	LAMINATE: COLOR: BASE BOARD, CPL LAMITECH CINDER		
FP	FIBERGLASS REINFORCED PLASTIC (FRP) - PANOLAM, GRAY SMOOTH, CLASS C, .075.		



3 TYP. MODULAR FRONT CNTR SECTION
A4.1 1" = 1'-0"



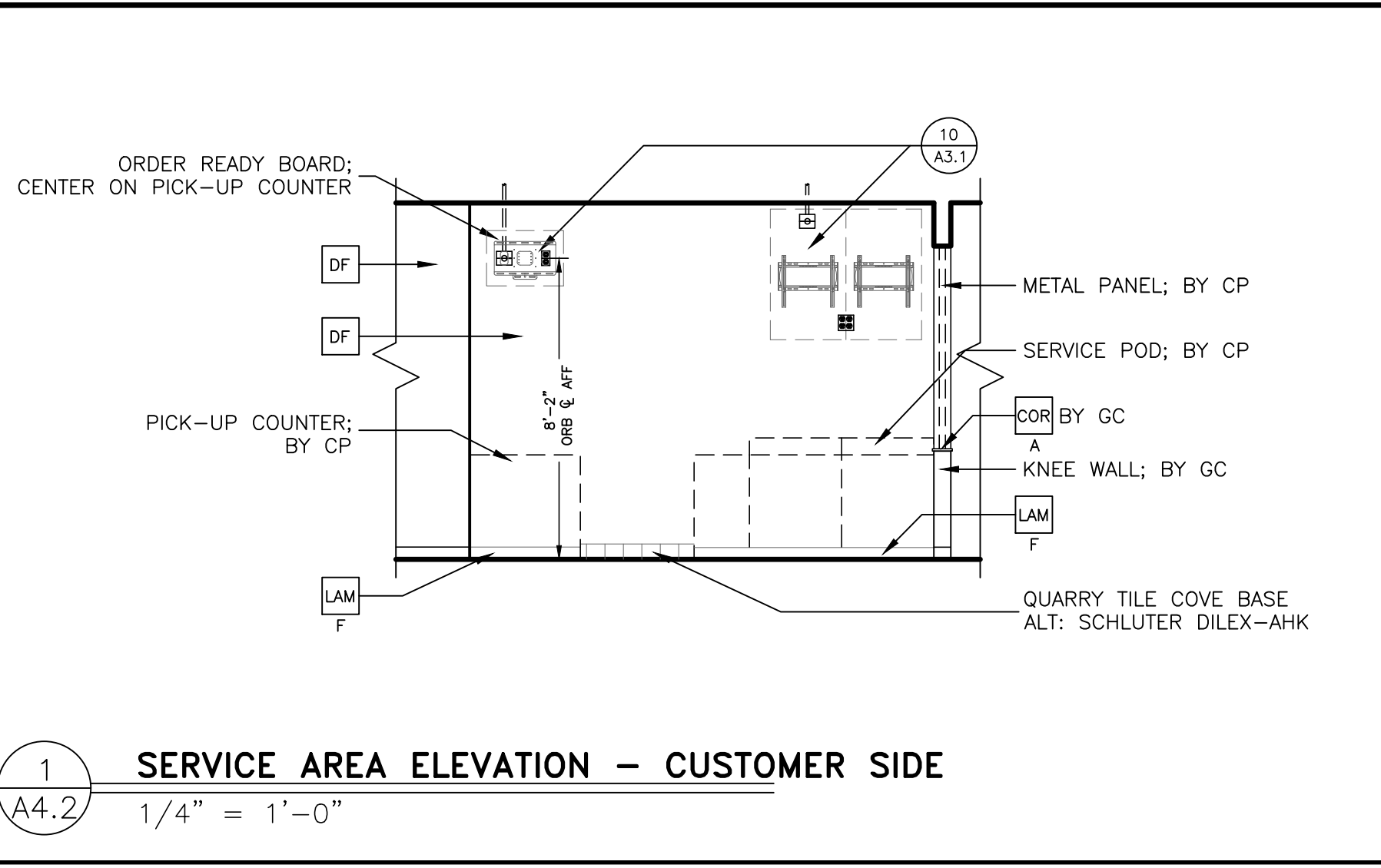
4 TYPICAL KNEE WALL SECTION
A4.1 1" = 1'-0"



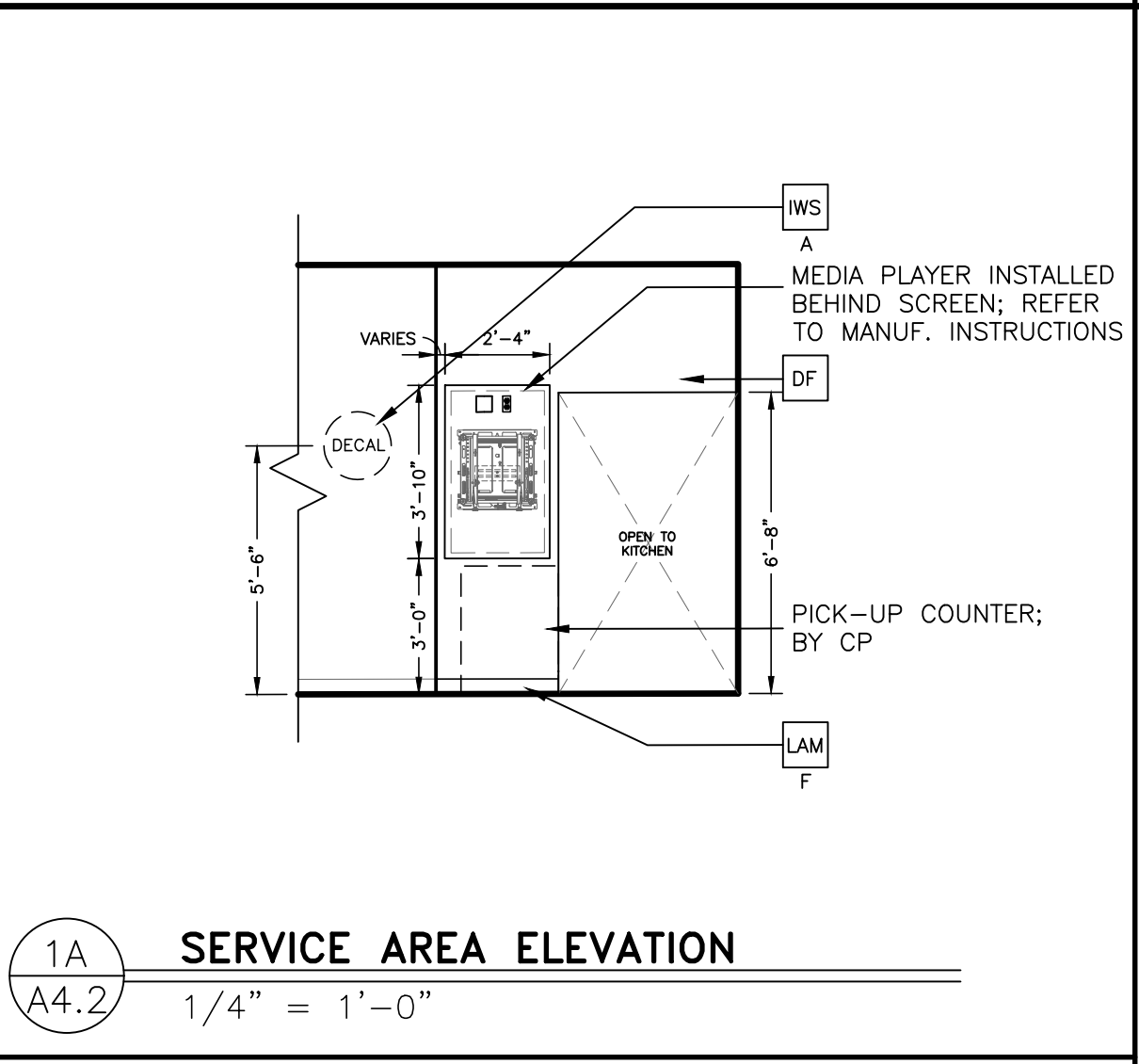
5 SECTION AT PICK-UP COUNTER
A4.1 1" = 1'-0"

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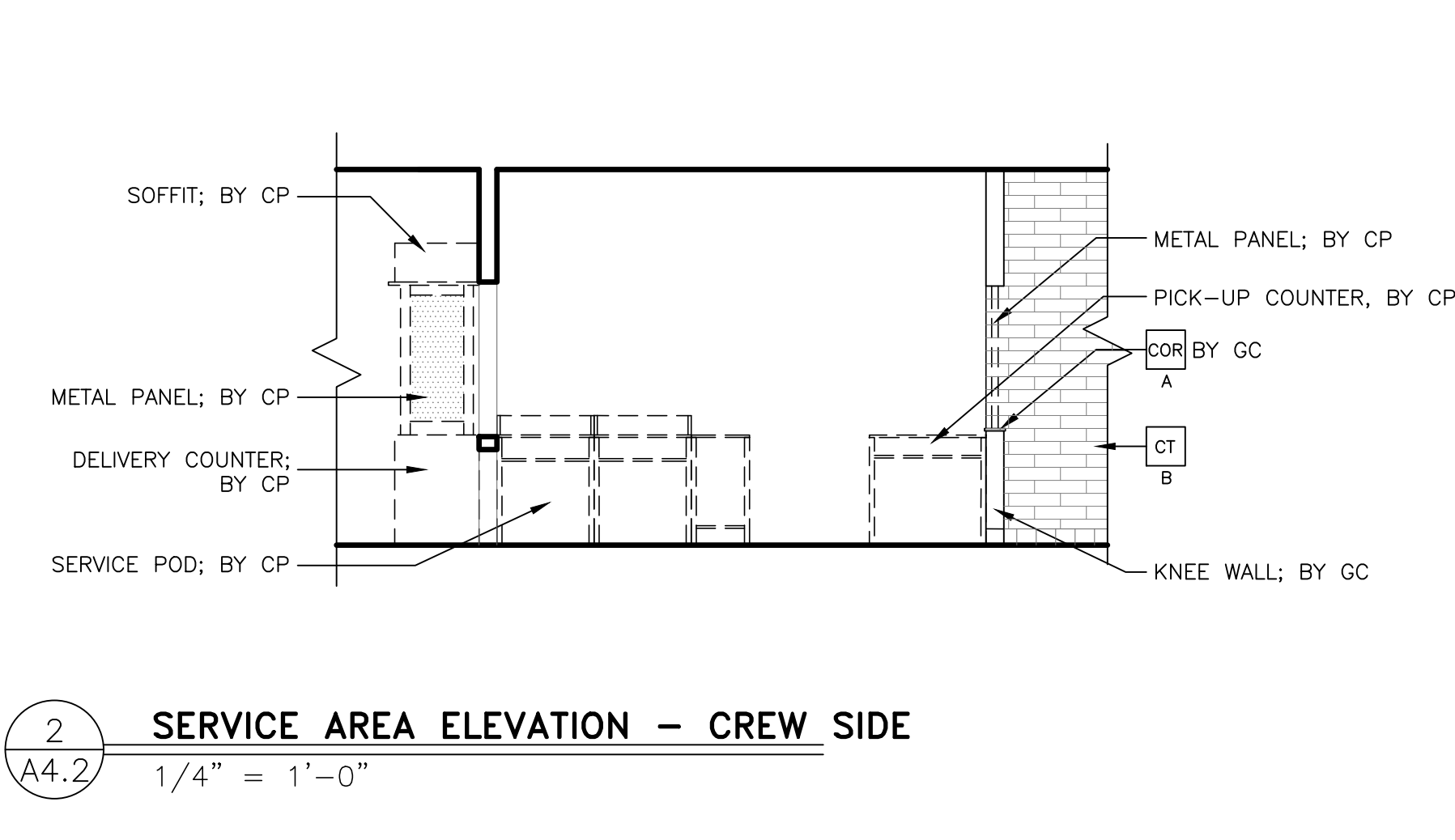
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171			



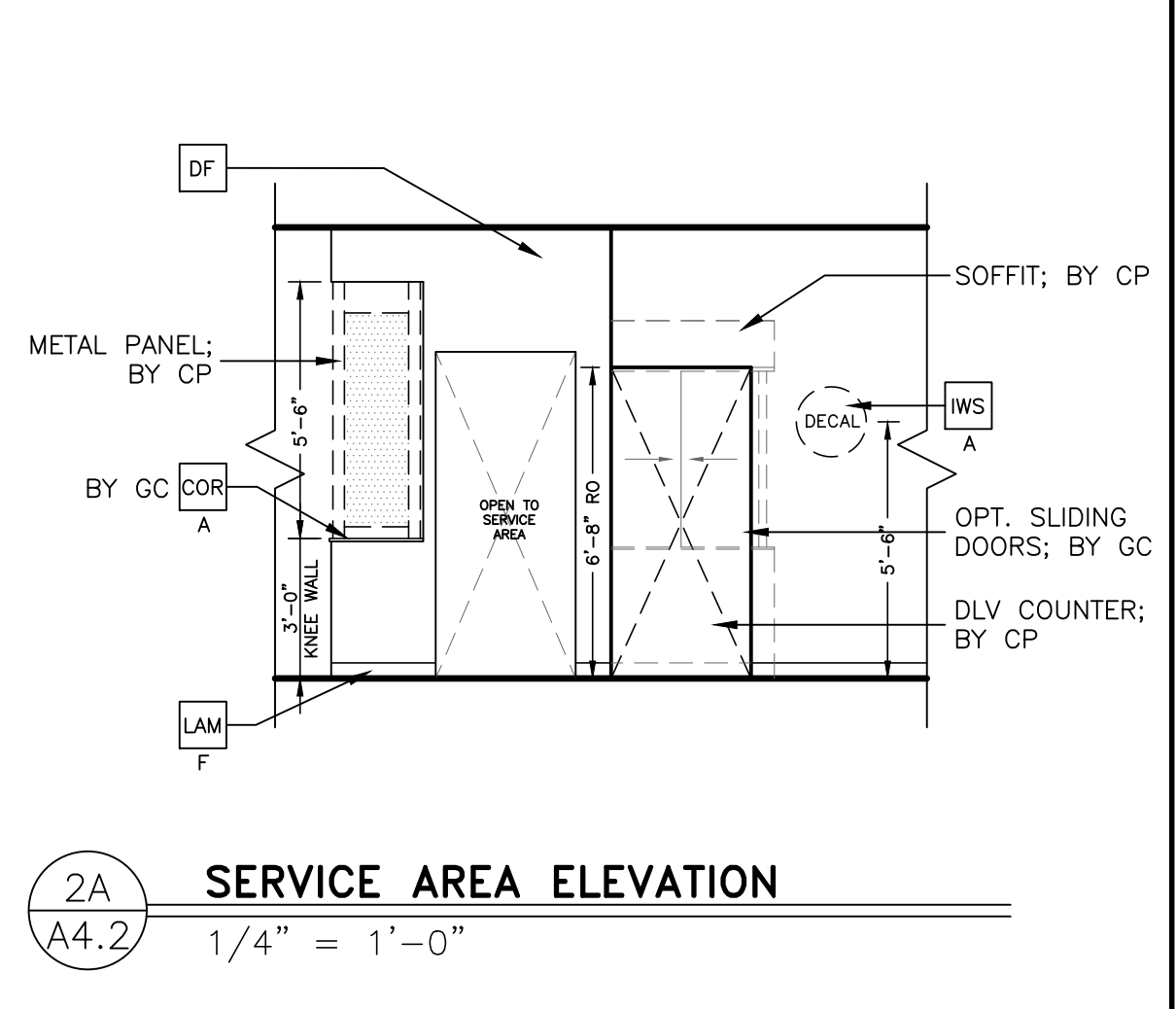
1 SERVICE AREA ELEVATION - CUSTOMER SIDE
A4.2 1/4" = 1'-0"



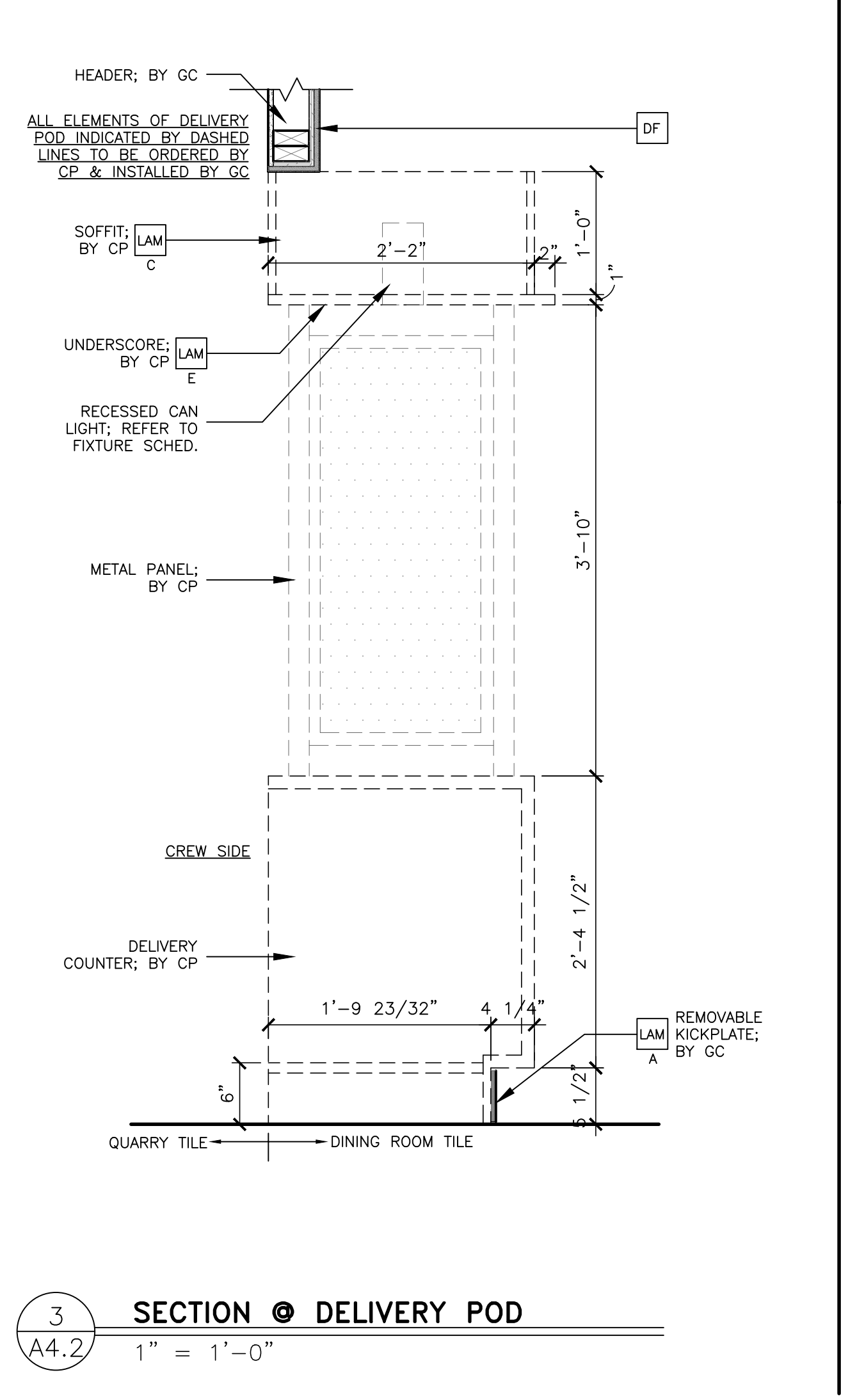
1A SERVICE AREA ELEVATION
A4.2 1/4" = 1'-0"



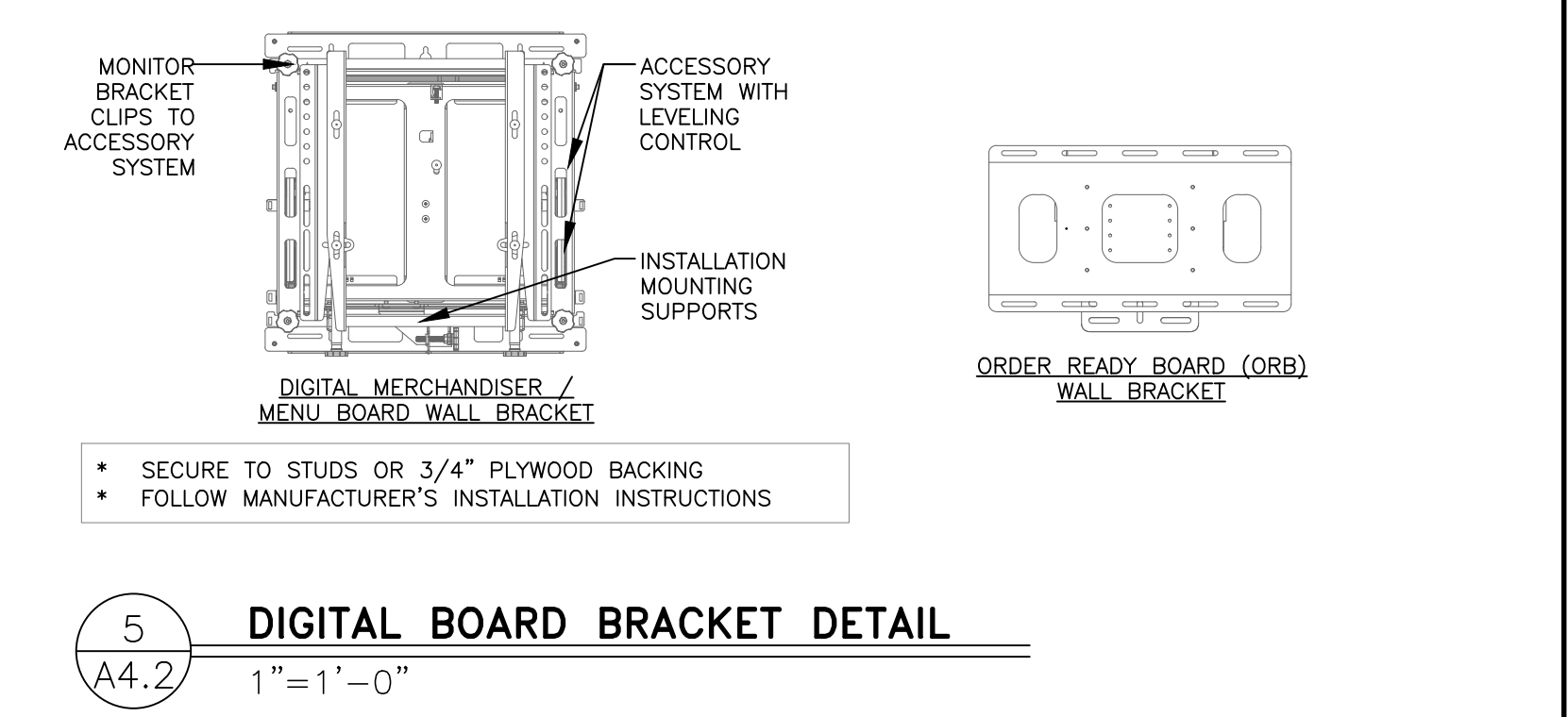
2 SERVICE AREA ELEVATION - CREW SIDE
A4.2 1/4" = 1'-0"



2A SERVICE AREA ELEVATION
A4.2 1/4" = 1'-0"



3 SECTION @ DELIVERY POD
A4.2 1" = 1'-0"



5 DIGITAL BOARD BRACKET DETAIL
A4.2 1" = 1'-0"

- KEY NOTES**
- CC CORNER GUARD: 3/4" ANGLE BY DECOR
A = BLACK
 - COR CORIAN:
A = 1/2" CORIAN CAMEO WHITE
B = 1/2" CORIAN DEEP TITANIUM
 - CT CERAMIC WALL TILE: CROSSVILLE - COLOR BY NUMBERS
COLOR: INTUITIVE GRAY. SIZE: 4"x12", PATTERN: RUNNING BOND
GROUT: MAPEI O2 PEWTER - JOINT TO BE 1/8" MAX.
USE THIS TILE WHEN HIGH LRV IS REQUIRED
COORDINATE WITH THE McDONALD'S AREA CONSTRUCTION MANAGER
 - DE DECAL BY GC; ORDER FROM ANN BOWEN W/ VOMELA:
(ann.bowen@vomela.com)
A = PICK-UP SOFFIT DECAL
B = MCDelivery WALL DECAL; LOCATION DETERMINED BY SITE CONDITIONS
 - DF DECOR FINISH TO BE ORDERED/INSTALLED BY GC AND MANUFACTURED BY DECOR; REFER TO PORTFOLIO.
 - FRP FIBERGLASS REINFORCED PLASTIC - PANOLAM, GRAY SMOOTH, CLASS C, .075. FOR ORDERING, CONTACT KIMBERLY LAWSON
Kimberly_Lawson@panolam.com 1-866-925-4377
 - KS KIOSK SIGNAGE BY GC; ORDER FROM AMANDA GUSTAFSON W/ ALTURA
(agustafson@altura.com)
A = 'CREDIT ONLY' KIOSK SIGNAGE
B = 'CASH/CREDIT' KIOSK SIGNAGE
 - LAM LAMINATE:
COLOR:
A = IDMB / DIG. MERCH., SMOOTH BLACK PLASTIC LAMINATE BY GC
B = TRASH/ COND., WHITE PLASTIC LAMINATE BY GC
C = TRASH/ COND., LAMITECH GRAPHITE K MATTE FINISH
D = SEE DECOR DRAWINGS, MFR BY DECOR, PURCHASE AND INSTALL BY GC
E = MCDelivery UNDERSCORE, LAMITECH GOLDEN
F = BASE BOARD, FORMICA COMPACT LAMINATE MATTE BLACK BY GC

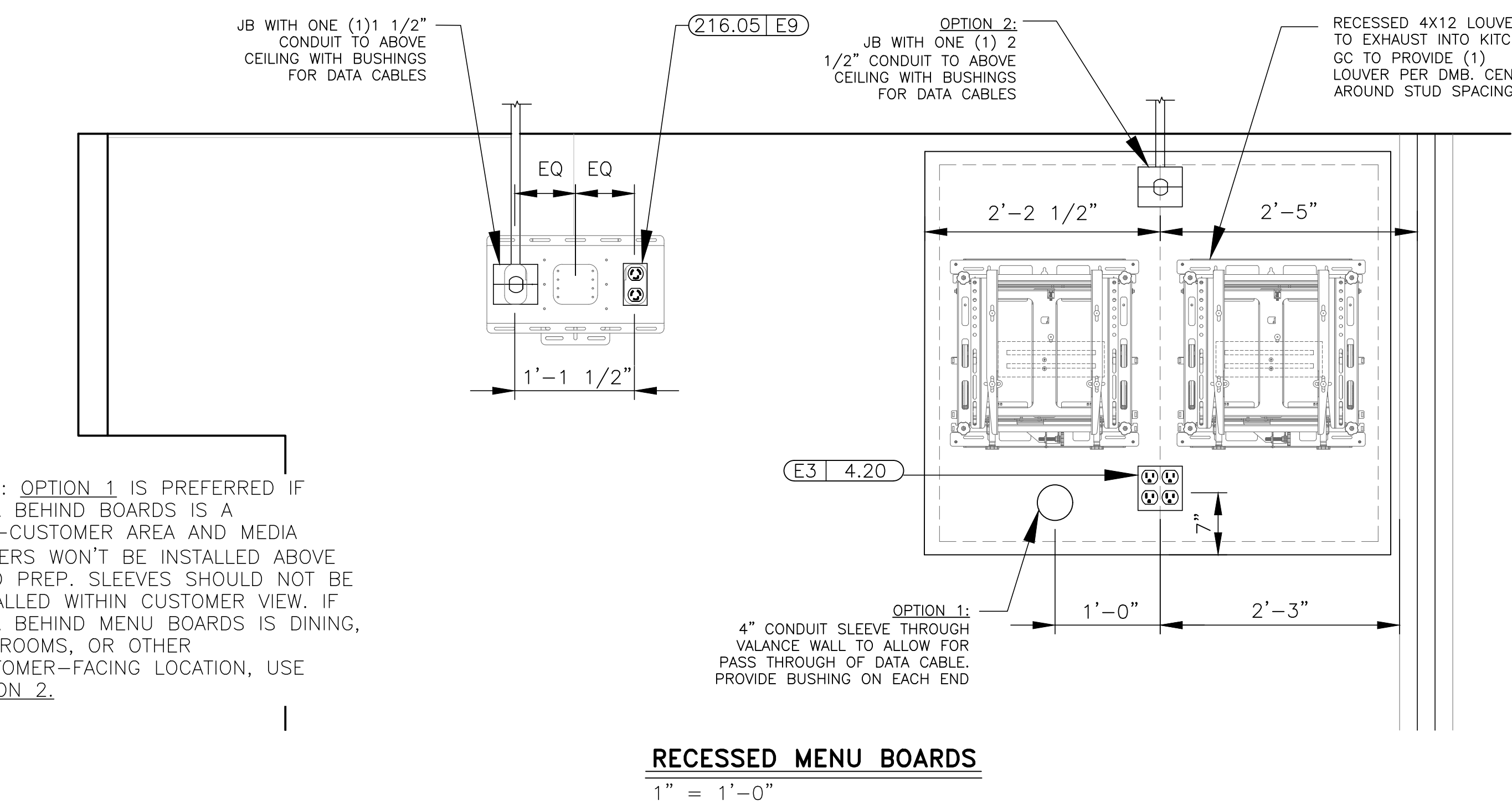
- GENERAL NOTES**
- ALL WALL LAMINATE PANELING MANUFACTURED BY DECOR PURCHASE AND INSTALL BY GC, UNO.
 - ALL ELEMENTS 'BY CP' TO BE ORDERED BY CENTRAL PURCHASING AND INSTALLED BY GC, UNO.
 - A&E TO VERIFY LOCATION AND QUANTITY OF LIGHTS AND DIFFUSERS AFTER SERVICE AREA WALL ADDITION.

PB = Pullbox
JB = Junction Box
EC = Electrical Contractor

VIF = Verify in Field

ELECTRICAL SCHEDULE

TAG #	QTY	DESCRIPTION	VOLT/PH	FLA	BRK SIZE	COND/WIRE	PNL/CCT	RECEP TYPE	HGT AFF	REQUIREMENTS & REMARKS
004.20E3	2	MENU BOARD - DIGITAL	120/1 ISOLATED	4.25	20A	-	-	(2) IG5262	SEE PLAN	SEE LAYOUT FOR GANGED OUTLET CONFIGURATION
004.21E1	2	MENU BOARD - DIGITAL - MEDIA PLAYER	120/1 ISOLATED	1.0	20A	-	-	(2) IG5262	SEE PLAN	SEE LAYOUT FOR GANGED OUTLET CONFIGURATION
216.05E9	1	ORB MONITOR	120/1 ISOLATED	1.5EA	20A	-	-	(1) IG4700	SEE PLAN	SEE LAYOUT FOR GANGED OUTLET CONFIGURATION



- KEY NOTES**
- THIS SLIP SHEET IS PROVIDED FOR ELECTRICAL ROUGH-IN PREPARATION AND GENERAL DIGITAL MENU BOARD MOUNTING GUIDELINES. EVALUATE EXISTING VALANCE WALL STRUCTURE AND BACKING MATERIALS TO ENSURE ADEQUATE SUPPORT OF EQUIPMENT.
- ALL HEADER AND WALL PENETRATIONS FOR CONDUITS OR OTHER ELECTRICAL ROUTING MUST BE SEALED TIGHT.
- DIGITAL MENU BOARD (DMB) INSTALLATION NOTES:**
- DMB SUPPORT EQUIPMENT INCLUDES:
 - NETWORK MANAGEMENT DEVICE (NMD)
 - 24 PORT ENHANCED WAYPOINT SWITCH (EWS)
 - THIS EQUIPMENT IS TYPICALLY MOUNTED IN TECHNOLOGY CLOSET OR IN MANAGER'S OFFICE.
 - DMB INSTALLERS TO ROUTE CONTROL WIRES FROM NMD/EWS ABOVE CEILING TO MENU BOARD VALANCE WALL. WIRES TO EXIT WALL VIA J-BOXES.
 - EACH DMB SECTION REQUIRES A DEDICATED MEDIA PLAYER.
- RECESSED MENU BOARD ELECTRICAL CRITERIA**

PREPARED BY: **EBI Consulting**
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SIGNED BY:

DATE: 03/09/2023

NAME: JOSHUA CARRELL
LICENSE NO: A-2018040323

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CONSULTANT: **McDonald's USA, LLC**

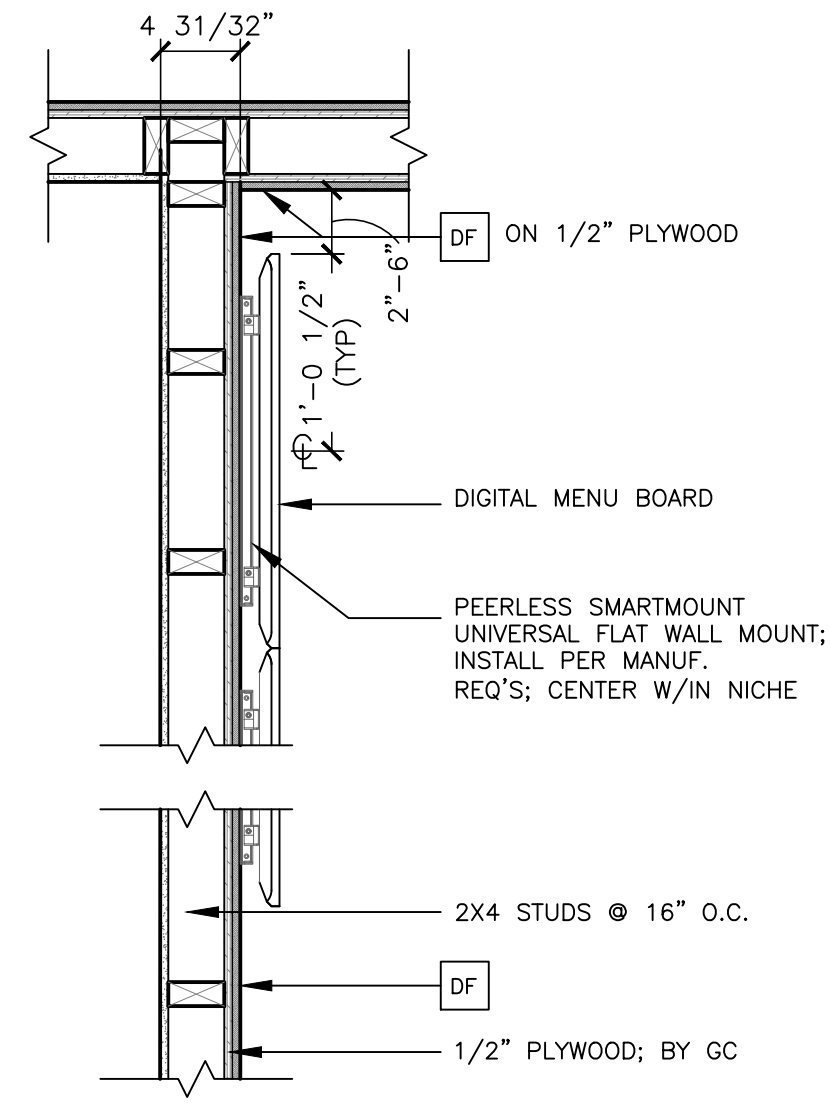
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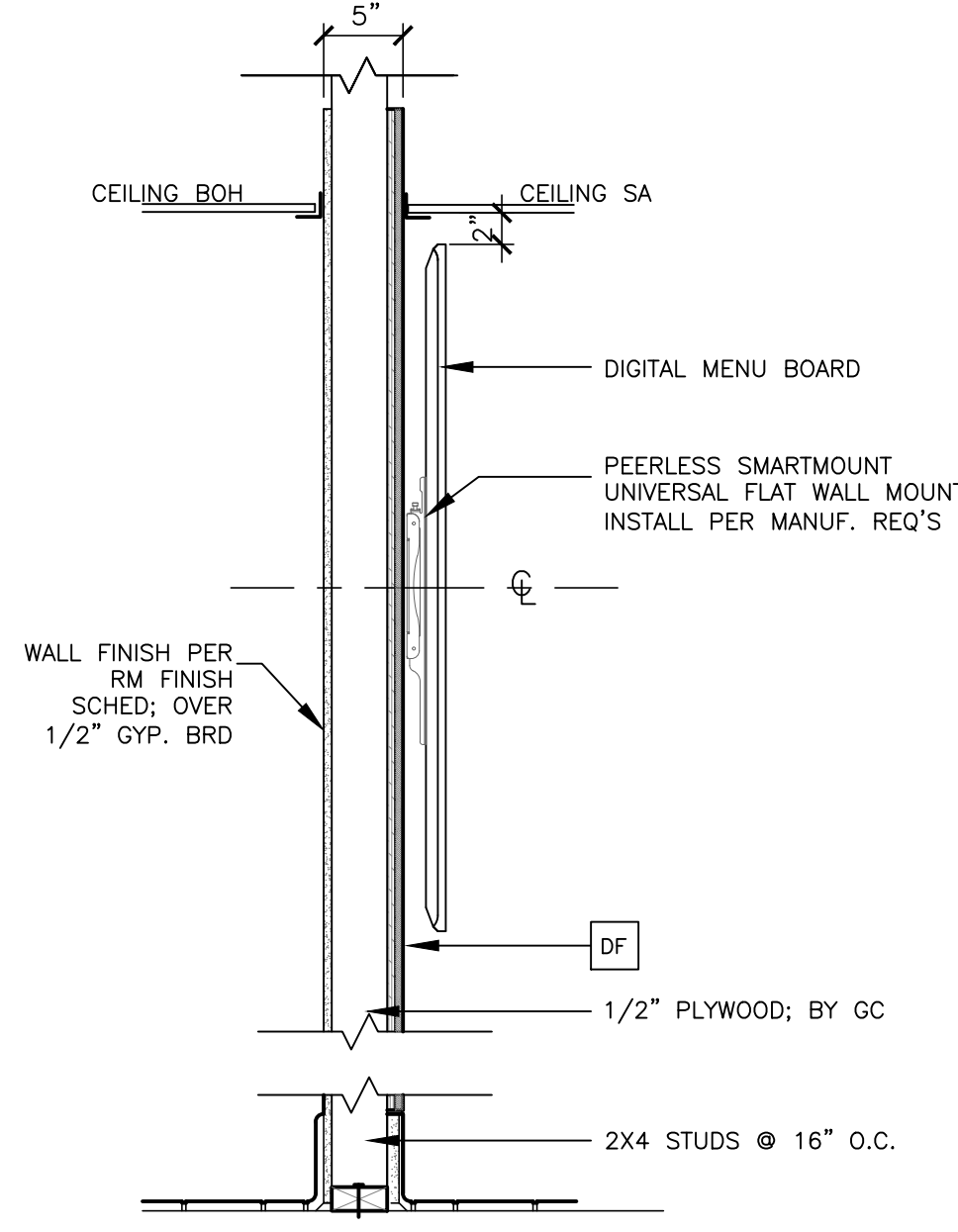
PROJECT FILE: McDONALD'S RESTAURANT COLUMBIA-HWY 70: 2023 BCK
SHEET TITLE: SERVICE AREA MODERNIZATION MISC. ELEVATIONS AND DETAILS
SHEET ADDRESS: 205 BUSINESS LOOP COLUMBIA, MO 65201

PROJECT NO. 4122000363

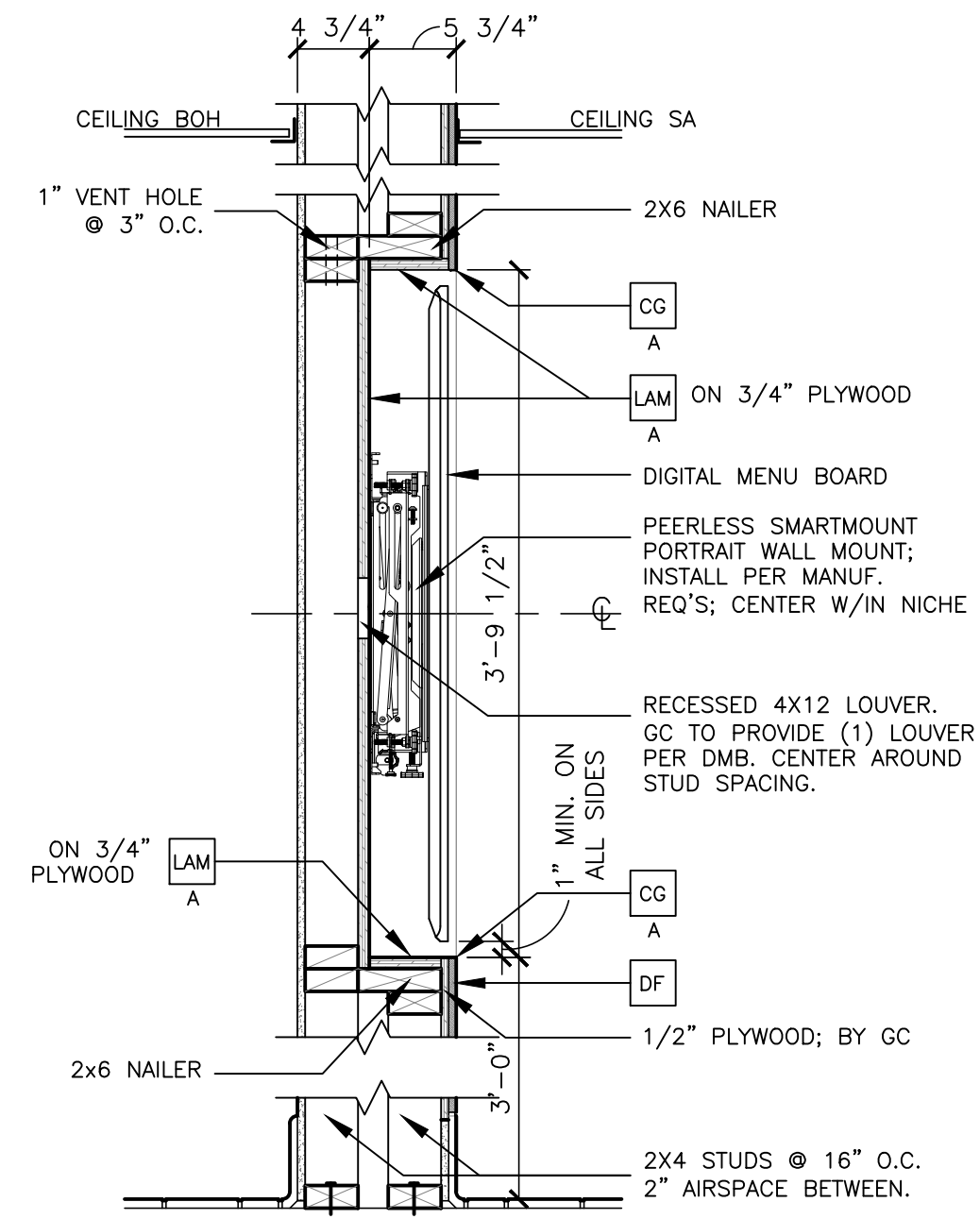
A4.2



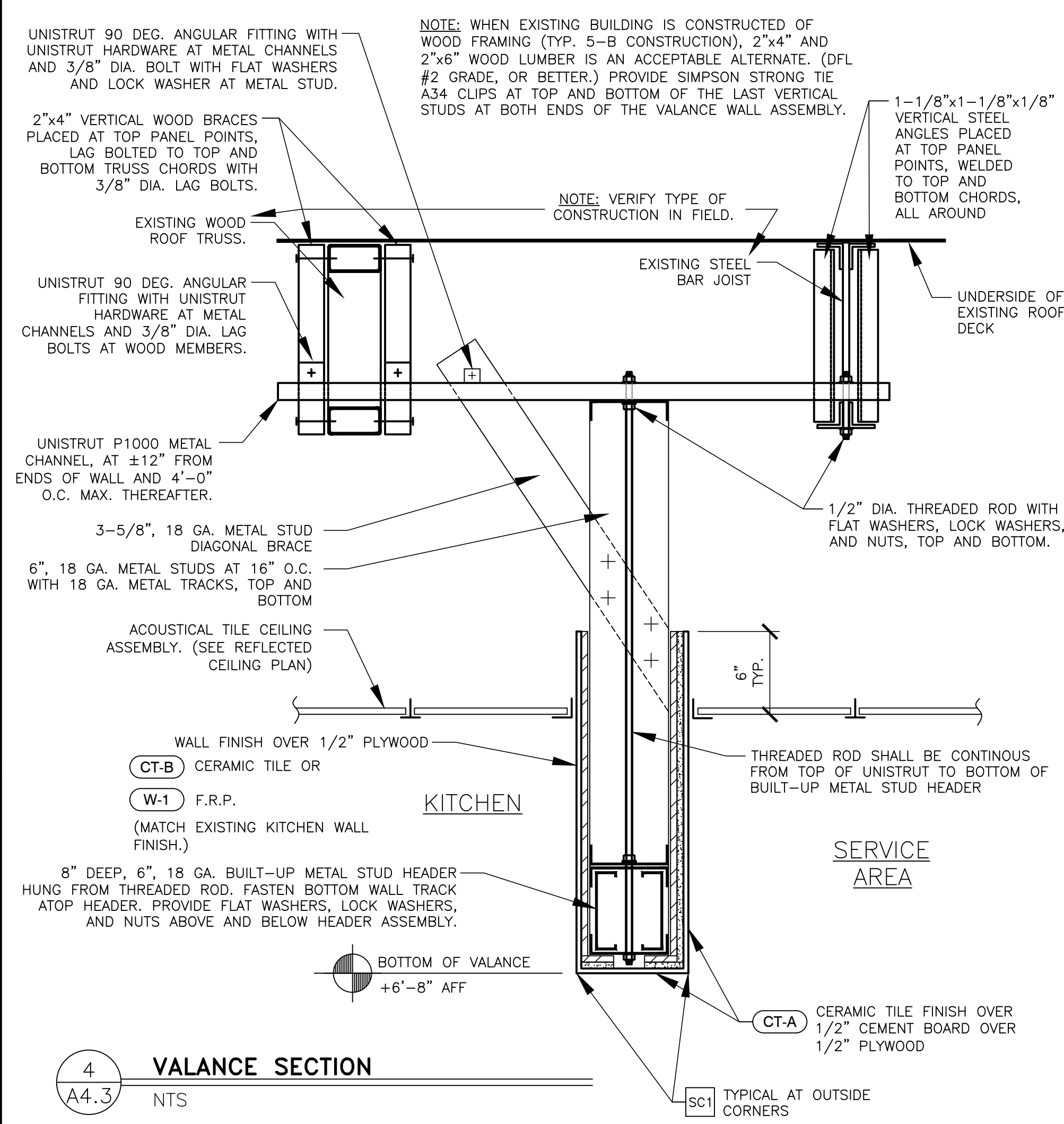
1 PLAN DETAIL @ MENU BOARDS
1" = 1'-0"



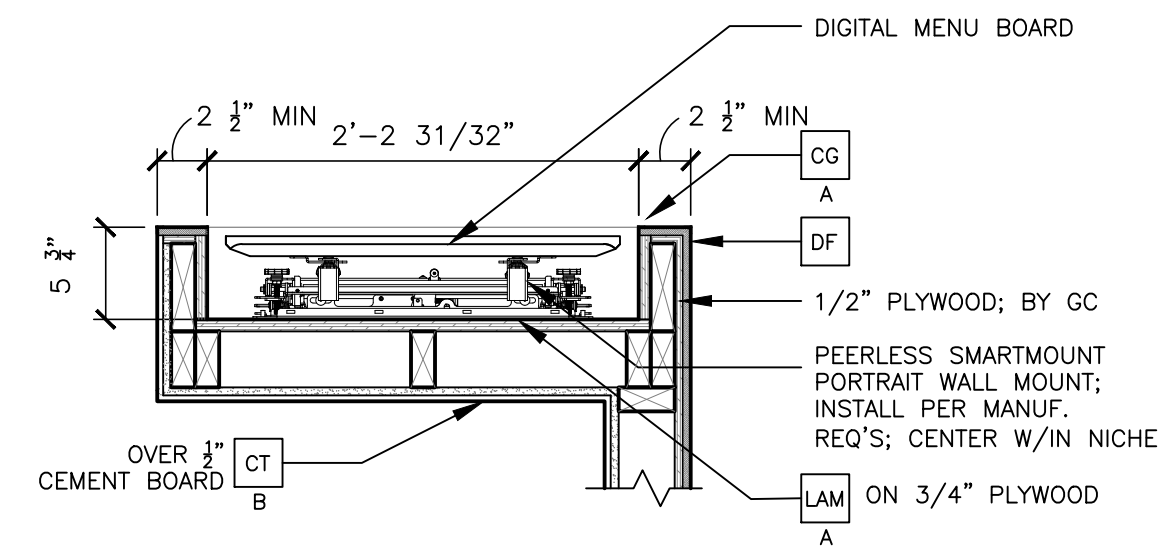
2 SECTION @ MENU BOARDS
1" = 1'-0"



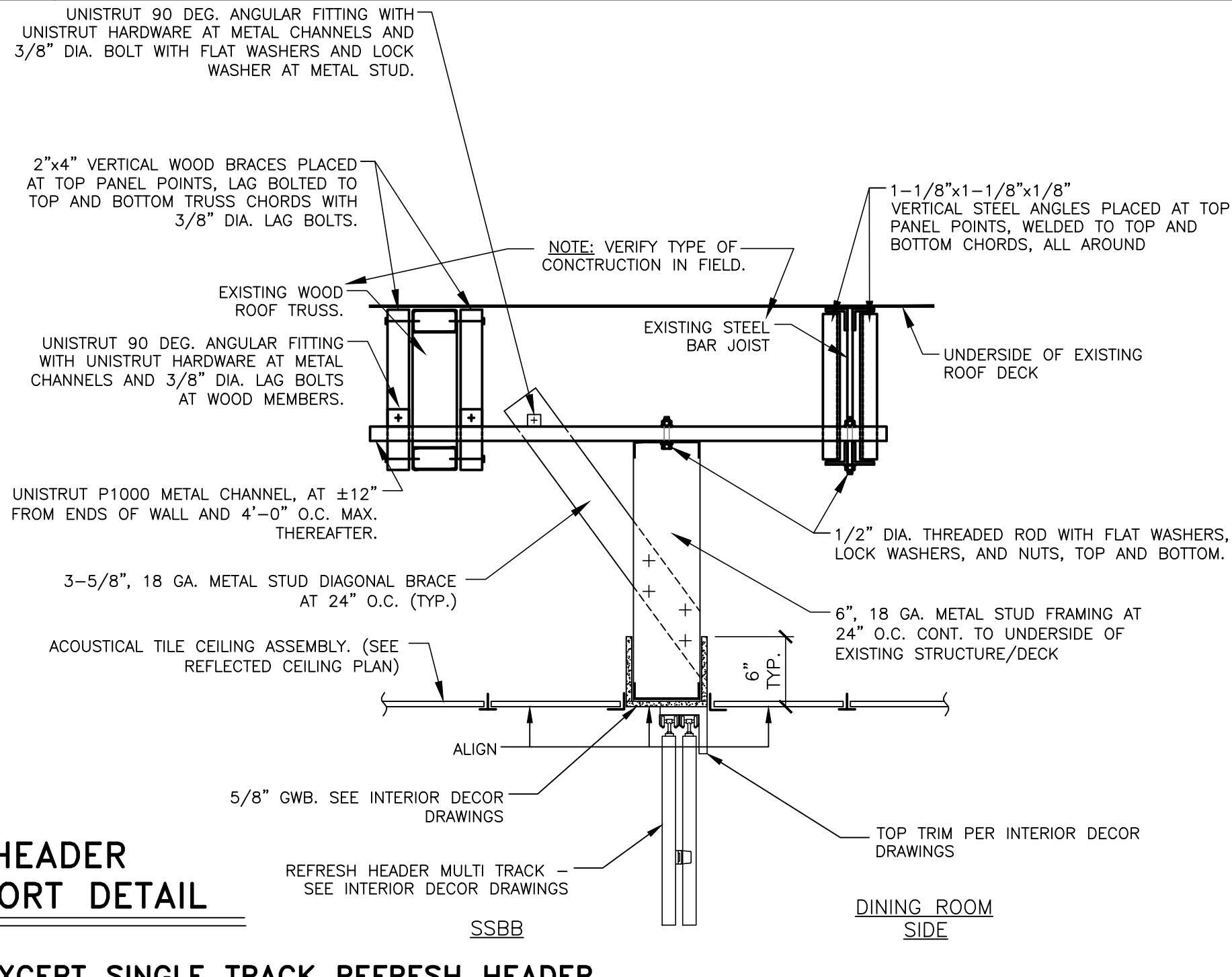
3 SECTION @ DIGITAL MERCHANDISER
1" = 1'-0"



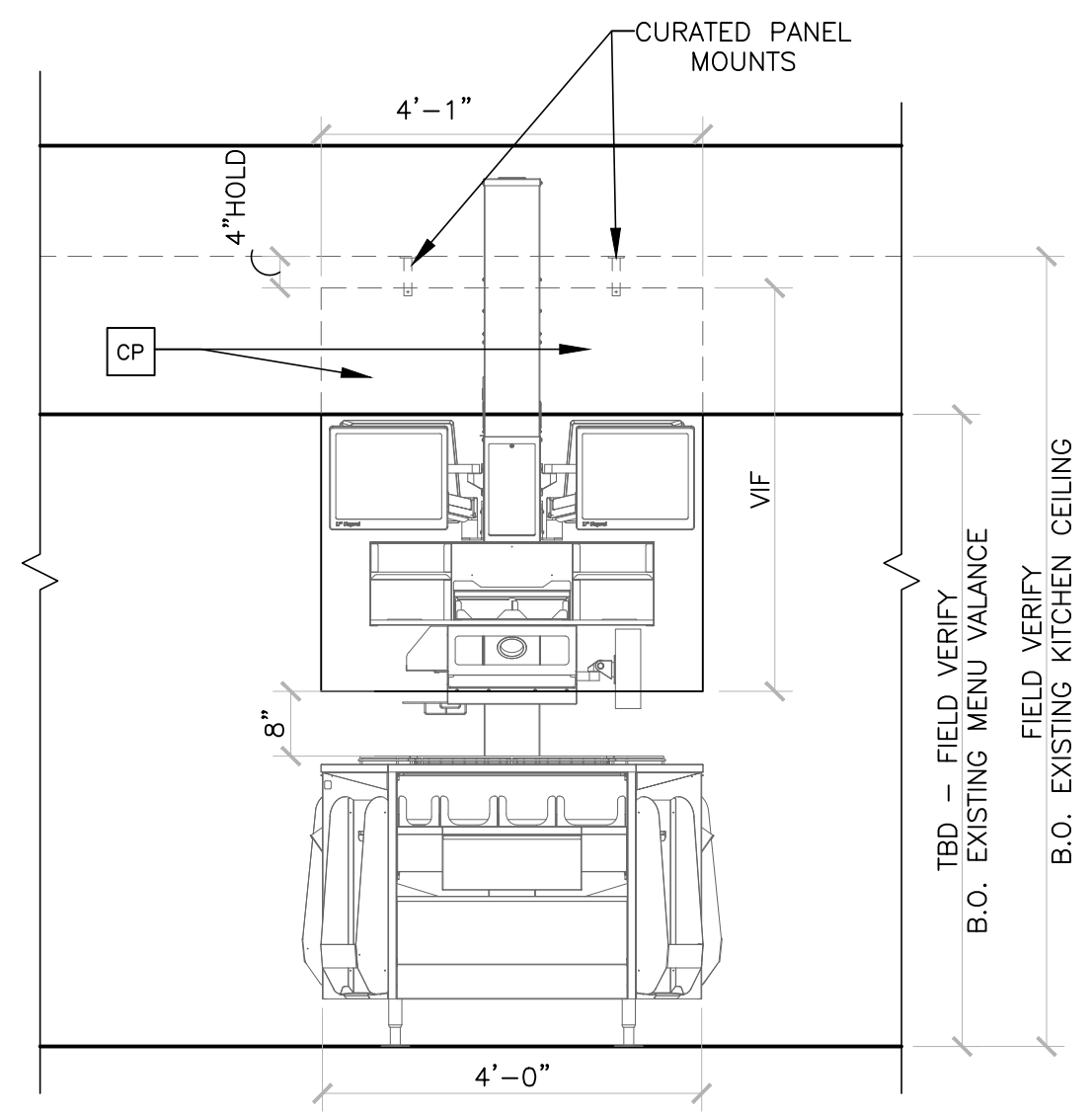
4 VALANCE SECTION
NTS



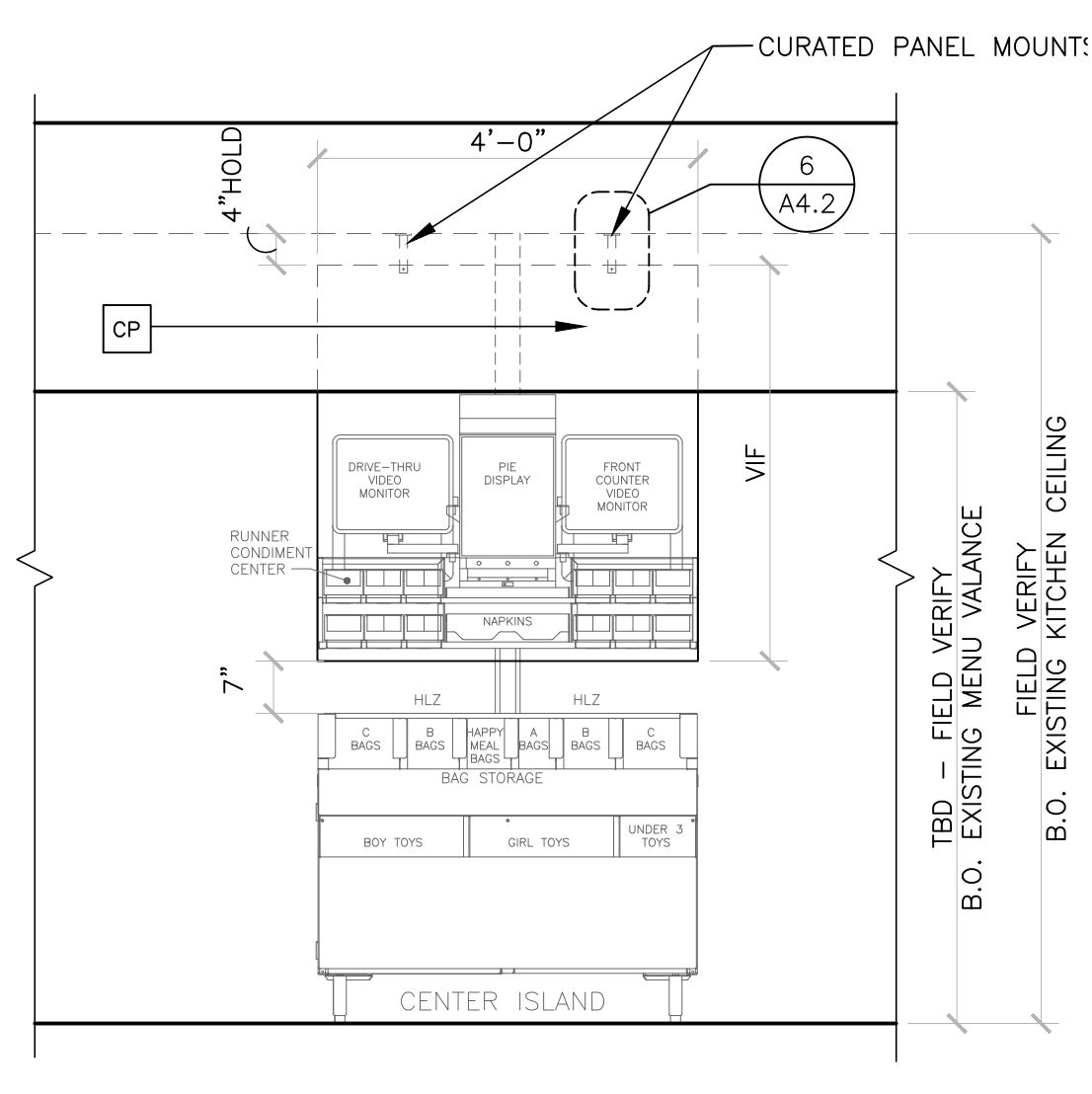
5 PLAN DETAIL @ DIGITAL MERCH.
1" = 1'-0"



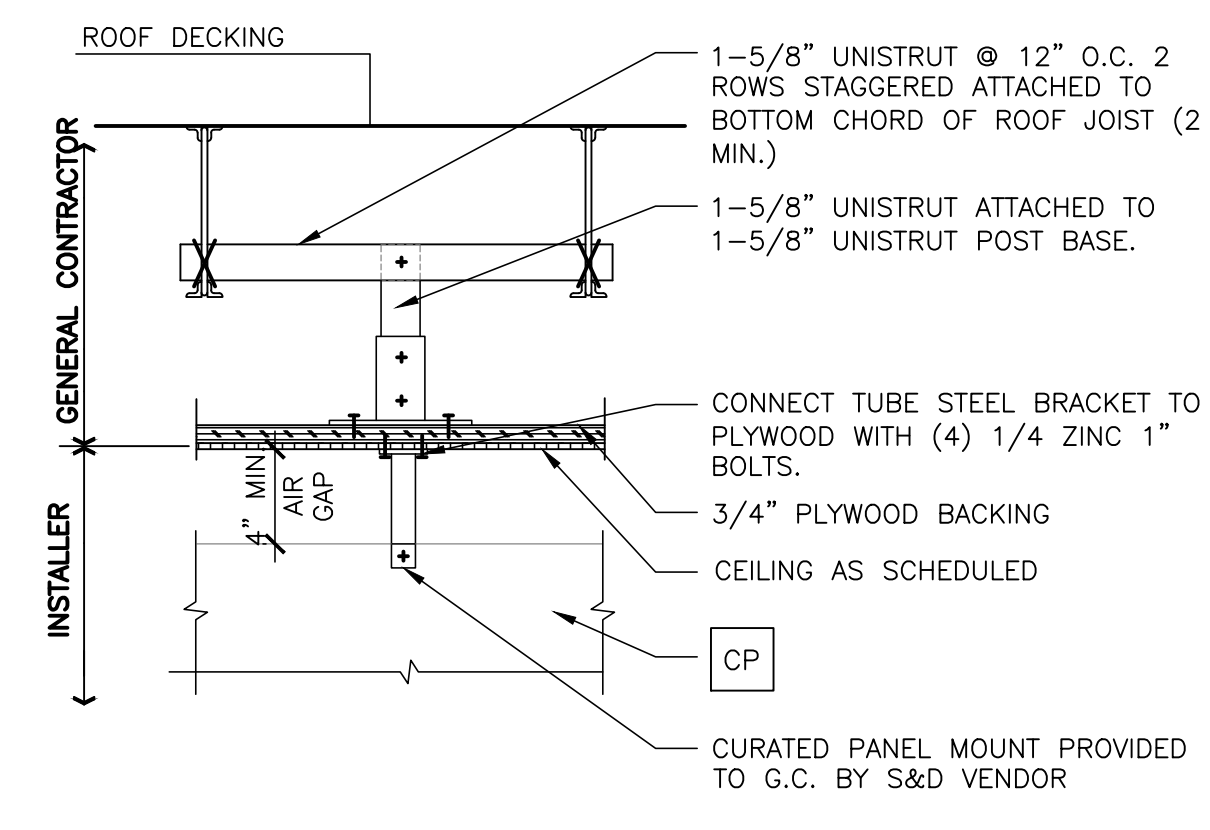
6 TYPICAL REFRESH HEADER MULTI TRACK SUPPORT DETAIL
DETAIL 5a IS SIMILAR EXCEPT SINGLE TRACK REFRESH HEADER
NTS



7 TYPICAL CURATED VIEW PANEL ELEVATION
1/2" = 1'-0"



8 TYPICAL CURATED PANEL INSTALL. DETAIL
1-1/2" = 1'-0"



9 TEMPORARY PARTITION DETAIL & NOTES
A4.3

DUST/TEMPORARY PROTECTION PARTITIONS NOTE:

FURNISH AND INSTALL TEMPORARY DUST PROTECTION PARTITIONS WHERE INDICATED ON THE DRAWINGS AND WHERE DIRECTED BY THE MCDONALD'S REPRESENTATIVE. DUST PROTECTION IN USE DURING DEMOLITION, ALTERATION AND CONSTRUCTION WORK SHALL BE CONTINUOUSLY MAINTAINED TO RETAIN SEALS, PROVIDE MAXIMUM DUST CONTROL, AND PROVIDE A SAFE ENVIRONMENT FOR THE BUILDING OCCUPANTS.

TP/A DUST PROTECTION PARTITION
FULL HEIGHT, FLOOR TO SOLID CEILINGS, PARTITION COMPOSED OF 2x4, FIRE RETARDANT WOOD STUDS SPACED AT 24 INCHES ON CENTER. STEEL STUDS MAY BE USED TO PROTECT OFFICE AREAS ONLY AND SHALL BE GROUNDED TO THE BUILDING'S STEEL STRUCTURE WITH NO. 12 AWG SOLID COPPER WIRE. CLAD STUDS ON THE WORK SIDE WITH 1/4-INCH THICK TEMPERED MASONITE PANELS FROM FLOOR TO CEILING. SEAL PANEL JOINTS AND JOINTS AT CEILING, FLOOR, WALLS, AND ACCESS OPENINGS WITH DUCT TAPE. ACCESS OPENING THROUGH TP/A PARTITION SHALL BE FUNCTIONAL 3'x7' HINGED DOOR WITH A LATCH AND CONTINUOUS HEAD AND JAMB STOPS.

TP/B DUST PROTECTION PARTITION
FULL HEIGHT, FLOOR TO SOLID CEILINGS, PARTITION COMPOSED OF 2x4 FIRE RETARDANT WOOD STUDS SPACED AT 24 INCHES ON CENTER. STEEL STUDS MAY BE USED TO PROTECT OFFICE AREAS ONLY AND SHALL BE GROUNDED TO THE BUILDING'S STEEL STRUCTURE WITH NO. 12 AWG SOLID COPPER WIRE. CLAD STUDS ON THE WORK SIDE WITH 1/4-INCH THICK TEMPERED MASONITE PANELS TO THE CEILING WITH 6-MIL. FIRE-RETARDANT ANTI-STATIC, POLYETHYLENE SHEET. SEAL PANELS JOINTS AND POLYETHYLENE SHEET JOINTS AT CEILING, FLOOR WALLS AND ACCESS OPENINGS WITH DUCT TAPE. ACCESS OPENING THROUGH TP/B PARTITION SHALL BE FUNCTIONAL 3'x7' HINGED DOOR WITH A LATCH AND CONTINUOUS HEAD AND JAMB STOPS.

TP/C DUST PROTECTION PARTITION
FULL HEIGHT, FLOOR TO SOLID CEILING, 6-MIL. FIRE-RETARDANT, ANTI-STATIC POLYETHYLENE SHEET BY "RECO"; OR EQUAL SHEET SEALING JOINTS AT LAPS, CEILING, FLOOR, WALLS AND ACCESS OPENINGS WITH DUCT TAPE. THE OVERLAPPING SHEETS IN THE OPENING SHALL LAP EACH OTHER A MINIMUM OF 18 INCHES.

NOTE:
THE PROTECTION DIAGRAMS TO THE LEFT ARE TO BE USED FOR ALL WORK IN SPACES CALLED OUT ON THE CONTRACT DOCUMENTS.
THE CONTRACTOR SHALL FOLLOW THE INTENT DESCRIBED, HOWEVER DUE TO VARIATIONS IN EXISTING SPACES, MODIFICATIONS ARE PERMISSIBLE TO THE ACTUAL LAYOUT AND CONFIGURATION OF THE PROTECTION. ALL PROTECTION MUST BE APPROVED BY THE USER AND ARCHITECT PRIOR TO WORK STARTING.
PLATFORM SHALL BE INDEPENDENTLY SUPPORTED.

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ARCHITECT
NUMBER A-2018040323
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LICENSE NO: **A-2018040323**

PREPARED FOR: **McDonald's USA, LLC**
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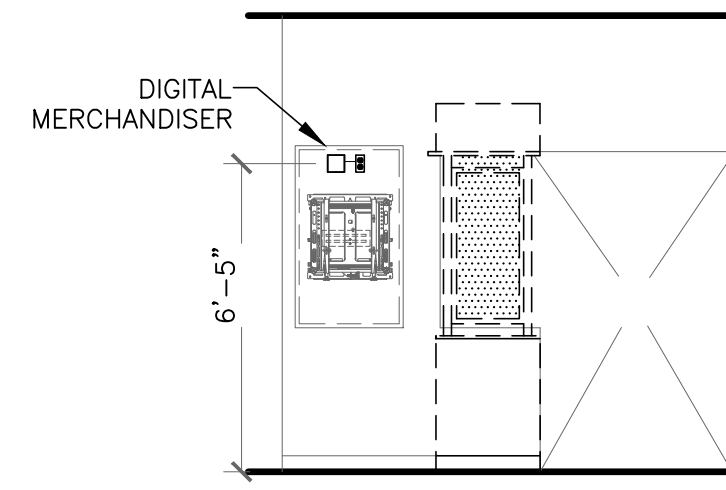
NO.	DESCRIPTION	DATE	BY
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PROJECT TITLE: **MCDONALD'S RESTAURANT COLUMBIA-HWY 70: 2023 BCK**
PROJECT NO: 4122000363

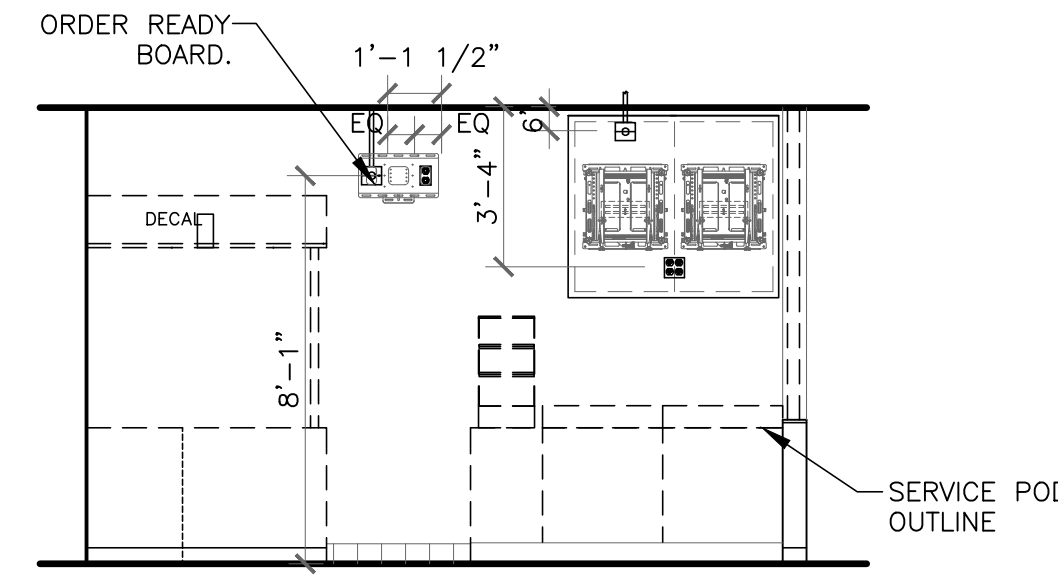
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JOB NO: 2019
JOB DATE: 03/09/23

PROJECT ADDRESS: **205 BUSINESS LOOP COLUMBIA, MO 65201**

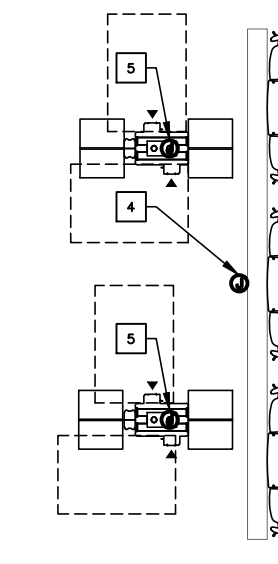
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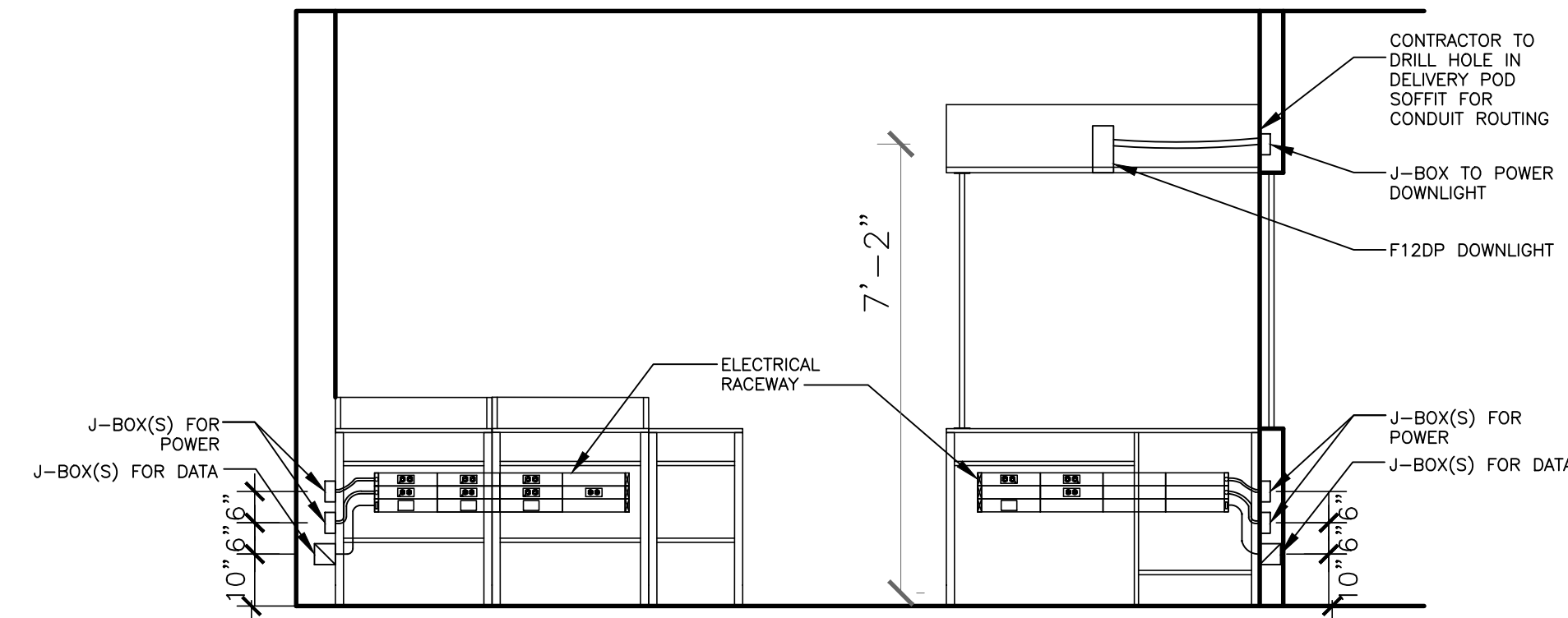
6 DIGITAL MERCHANDISER ELEVATION
E4.3 1/4" = 1'-0"



4 SERVICE AREA ELEVATION
E4.3 1/4" = 1'-0"



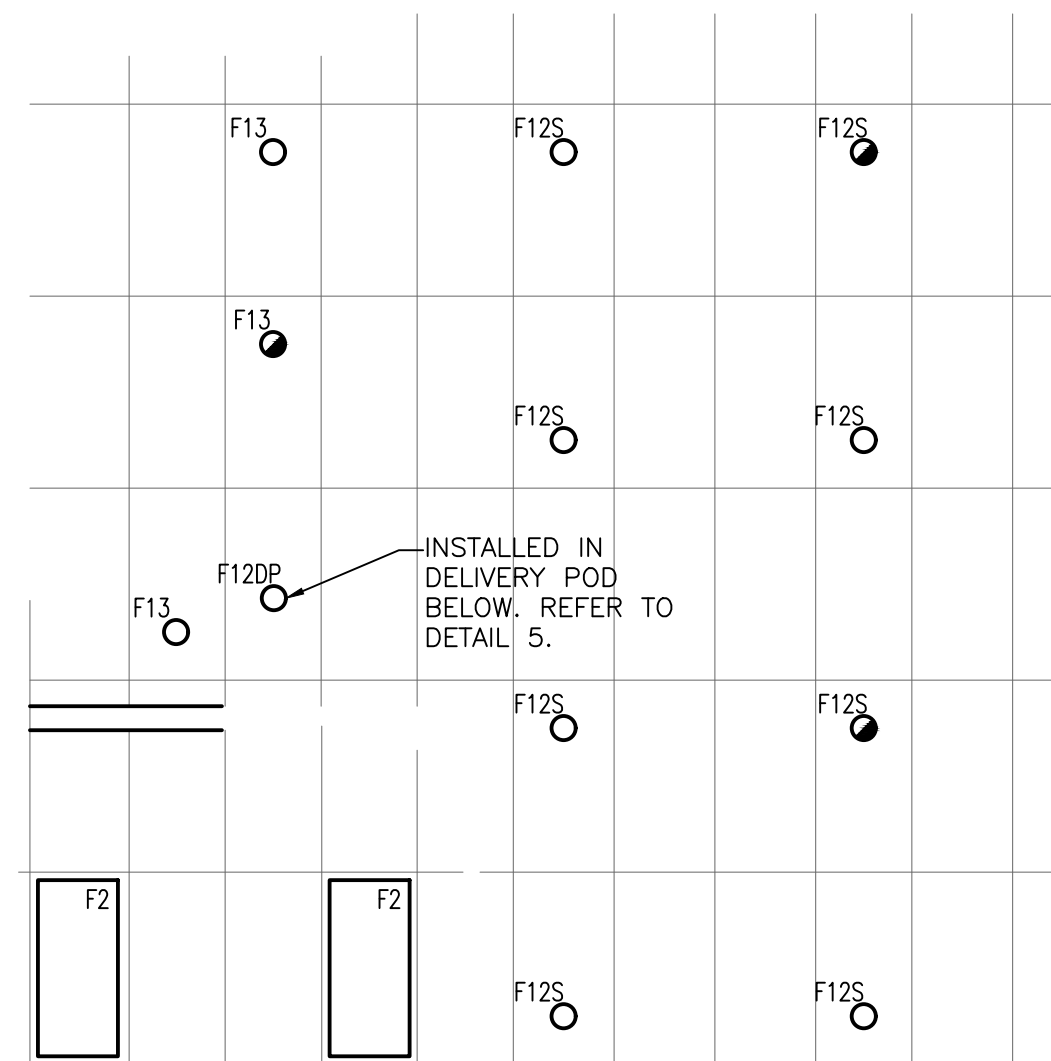
2 PARTIAL DINING FLOORPLAN - POWER
E4.3 1/4" = 1'-0"



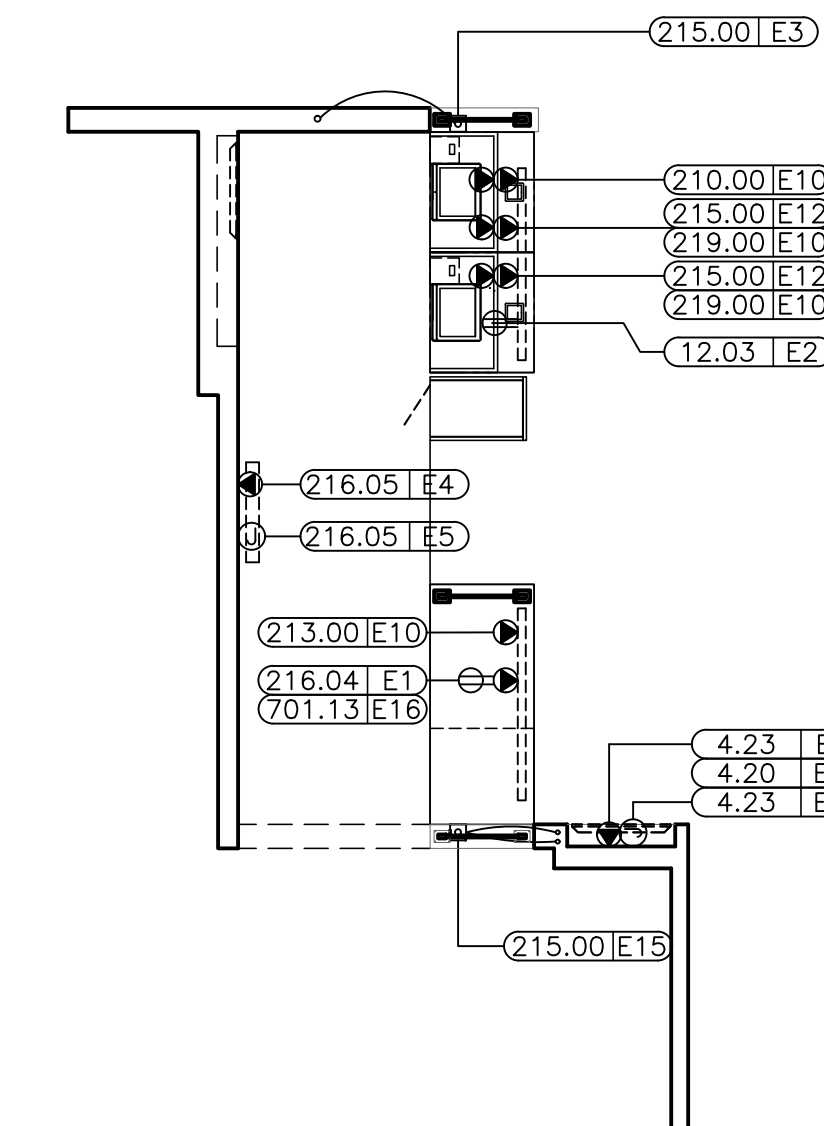
SYMBOL	CATALOG #	DESCRIPTION
[Symbol]	HBLALU57DR & IG4700	RECEPTACLE COVERPLATE WITH ORANGE, TWIST LOCK, ISOLATED GROUND DUPLEX RECEPTACLE
[Symbol]	HBLALU57DR & S-20R FOR BAKED GOODS AND IG5262 FOR CASH	RECEPTACLE COVERPLATE WITH STRAIGHT BLADE RECEPTACLE
[Symbol]	HBLALU57LPB	COMMUNICATIONS COVERPLATE
[Symbol]	HBLALU7620B02M290	2' SECTION OF RACEWAY, INCLUDES COUPLERS
[Symbol]	HBLALU7620B03M290	3' SECTION OF RACEWAY, INCLUDES COUPLERS
[Symbol]	HBLALU7610B2M2	SERVICE ENTRANCE FITTING & BUSHING FOR DATA CABLES
[Symbol]	HBLALU7610B	BLANK END FITTING
[Symbol]	HBLALU5701	COUPLER (INCLUDED WITH RACEWAY SECTION)
[Symbol]	HBLALU5709	GROUND ADAPTER

NOTES:
1. REFER TO SERVICE POD MANUFACTURER INSTRUCTIONS FOR EXACT PLACEMENT OF RACEWAY
2. RACEWAY AND RECEPTACLES TO BE PROVIDED WITH SERVICE POD, INSTALLED BY CONTRACTOR.
3. DETAIL SHOWN IS A TYPICAL CONFIGURATION ONLY. SITE SPECIFICS MIGHT CAUSE DEVIATIONS.

5 SERVICE POD RACEWAY DETAIL
E4.3 N.T.S.



3 PARTIAL FLOORPLAN - LIGHTING
E4.3 1/4" = 1'-0"



1 PARTIAL FLOORPLAN - POWER
E4.3 1/4" = 1'-0"

TAG #	QTY	DESCRIPTION	VOLT/PH	FLA	BRK SIZE	COND/WIRE	PNL/CCT	RECEP TYPE	HGT AFF	REQUIREMENTS & REMARKS
004.20E6	1	DIGITAL MERCHANDISER	120/1 ISOLATED	2.6	20A	1/2"C-2#12IG	CP:6	IG5262	SEE ELEV	-
004.20E7	1	MENU BOARD - DIGITAL	120/1 ISOLATED	2.6 EACH	20A	1/2"C-2#12IG	CP:6	(2) IG5262	SEE ELEV	-
004.21E4	2	MENU BOARD - DIGITAL - MEDIA PLAYER	120/1 ISOLATED	1.0 EACH	20A	1/2"C-2#12IG	CP:6	IG5262	7'-9"	EC TO MOUNT OUTLETS HORIZONTALLY
004.21E2	1	MENU BOARD - DIGITAL - MEDIA PLAYER	120/1 ISOLATED	-	-	-	-	JB	SEE ELEV	JB W/ 2-1/2" C. TO TERMINATE ABOVE CEILING W/BUSHINGS, FOR DATA CABLES. SUPPLY W/GROMMETED OPENING IN COVER PLATE
004.21E9	1	MENU BOARD - DIGITAL - MEDIA PLAYER	DATA CABLE	-	-	-	-	JB	7'-9"	JB W/ 2-1/2" C. TO TERMINATE ABOVE CEILING W/BUSHINGS, FOR DATA CABLES. SUPPLY W/ GROMMETED OPENING IN COVER PLATE
004.23E1	1	DIGITAL MERCHANDISER - MEDIA PLAYER	120/1 ISOLATED	1.0	20A	1/2"C-2#12IG	CP:6	IG5262	6'-5"	USE SAME RECEPTACLE AS 4.20E6
004.23E2	1	DIGITAL MERCHANDISER - MEDIA PLAYER	DATA CABLE	-	-	-	-	JB	6'-5"	JB W/ 1" C. TO FULL HEIGHT WALL AND TO ABOVE CEILING W/BUSHINGS, FOR DATA CABLES. SUPPLY W/GROMMETED OPENING IN COVER PLATE
012.03E2	1	BAKED GOODS DISPLAY CASE	120/1	1.5	15A	1/2"C-2#12IG	AP-3:1	5-15R	SEE RMKS	PROVIDE RECEP. IN COUNTER-MOUNTED RACEWAY
210.00E10	1	FUTURE CASH RECYCLER	120/1 ISOLATED	4.4	20A	1/2"C-2#12IG	CP:23	(2) IG5262	SEE RMKS	PROVIDE RECEP. IN COUNTER-MOUNTED RACEWAY
213.00E10	1	TABLE LOCATOR SYSTEM	120/1 ISOLATED	2.6	20A	1/2"C-2#12IG	CP:4	SEE RMKS	SEE RMKS	PROVIDE IG RECEP. IN COUNTER-MOUNTED RACEWAY
215.00E3	1	POS REGISTER - FRONT COUNTER	DATA CABLE	-	-	-	-	PB	10"	EXTEND 2" CONDUIT TO ABOVE CEILING FOR POS DATA CABLES
215.00E15	1	POS REGISTER - FRONT COUNTER	DATA CABLE	-	-	-	-	PB	10"	EXTEND TWO (2) 1" CONDUITS TO ABOVE CEILING FOR POS DATA CABLES
215.00E12	2	POS REGISTER - FRONT COUNTER	120/1 ISOLATED	3.0 EA.	-	3/4"C-2#12IG	CP:19	SEE RMKS	SEE RMKS	PROVIDE IG RECEP. IN COUNTER-MOUNTED RACEWAY
216.04E1	1	ORB MONITOR (MINI)/SCANNER	120/1 ISOLATED	1.5 EA.	20A	1/2"C-2#12IG	CP:4	SEE RMKS	SEE RMKS	PROVIDE RECEP. IN COUNTER-MOUNTED RACEWAY
216.05E4	1	ORB MONITOR	120/1 ISOLATED	1.5 EA.	20A	1/2"C-2#12IG	CP:4	IG4700	SEE ELEV	-
216.05E5	1	ORB MONITOR	DATA CABLE	-	-	-	-	JB	SEE ELEV	JB W/ 1-1/2" C. TO TERMINATE ABOVE CEILING W/BUSHINGS, FOR DATA CABLES. SUPPLY W/ GROMMETED OPENING IN COVER PLATE
219.00E10	2	POS - RECEIPT PRINTER	120/1 ISOLATED	0.7	20A	3/4"C-2#12IG	SEE RMKS	IG4700	SEE RMKS	PROVIDE IG RECEP. IN COUNTER-MOUNTED RACEWAY, POWER FROM SAME CIRCUIT AS 215.00E12
701.13E16	1	DCO - GENERAL PURPOSE	120/1	1.5	20A	1/2"C-2#12IG	AP-3:1	5-20R	SEE RMKS	PROVIDE RECEP. IN COUNTER-MOUNTED RACEWAY

KEY NOTES

- REFER TO 4/E4.3 FOR DIMENSIONS OF ORB MONITOR ROUGH-INS.
- VERIFY EXACT LOCATION OF MEDIA PLAYER ROUGH-INS IN FIELD. DO NOT INSTALL IN CUSTOMER AREA OR DIRECTLY ABOVE FOOD PREP. INSURE ROUGH-INS ARE WITHIN 15' OF MENUBOARDS SO THAT LENGTH OF CABLES PROVIDED ARE SUFFICIENT.
- NOT USED
- PROVIDE J-BOX ABOVE CEILING NEAR KIOSK FOR FUTURE DIGITAL MERCHANDISER. EXTEND CIRCUIT TO THIS LOCATION FROM DIGITAL MERCHANDISER NEAR SERVICE AREA. EXTEND J-HOOKS FROM SERVICE AREA FOR FUTURE DATA CABLES.
- PROVIDE POWER WITHIN CEILING FOR CONNECTION TO SELF ORDER KIOSKS. COORDINATE EXACT LOCATION OF KIOSKS WITH DECOR DRAWINGS. PROVIDE 2#12, 1#12 GRD., & 1#12 ISOLATED GROUND ON A 20A DEDICATED CIRCUIT FED FROM THE CP PANEL FOR EVERY KIOSK.

GENERAL NOTES

- THIS DRAWING IS FOR REFERENCE ONLY. THE LAYOUTS SHOWN MAY DIFFER FROM THE SITE SPECIFICS. THE DESIGN CRITERIA SHOULD BE INCORPORATED INTO SITE SPECIFIC SETS

LIGHTING FIXTURE SCHEDULE:

MARK	SYMBOL	DESCRIPTION	DIFFUSER	LAMPS		MOUNTING	MANUFACTURER AND CATALOG NUMBER
				WATTS	TYPE		
F2	[Symbol]	2' X 4' GRID TROFFER	PRISMATIC ACRYLIC	-W	-	RECESSED	MATCH EXISTING
F12S	[Symbol]	6" LED DOWNLIGHT	-	12W	LED	RECESSED	SECURITY LIGHTING #LB6LED10L-30K-9-SA/DBXL-DM VERIFY DOWNLIGHT TO BE USED WITH PHOTOMETRIC
F12DP	[Symbol]	4" LED DOWNLIGHT - GOLD	-	9W	LED	RECESSED	SECURITY LIGHTING #LB4A-6LD-30K-9-GD/IBX4L-120
F13	[Symbol]	4" LED DOWNLIGHT	-	25W	LED	RECESSED	SECURITY LIGHTING #FLSL-4FLSL20L-30K-SL-DL-B24 VERIFY DOWNLIGHT TO BE USED WITH PHOTOMETRIC

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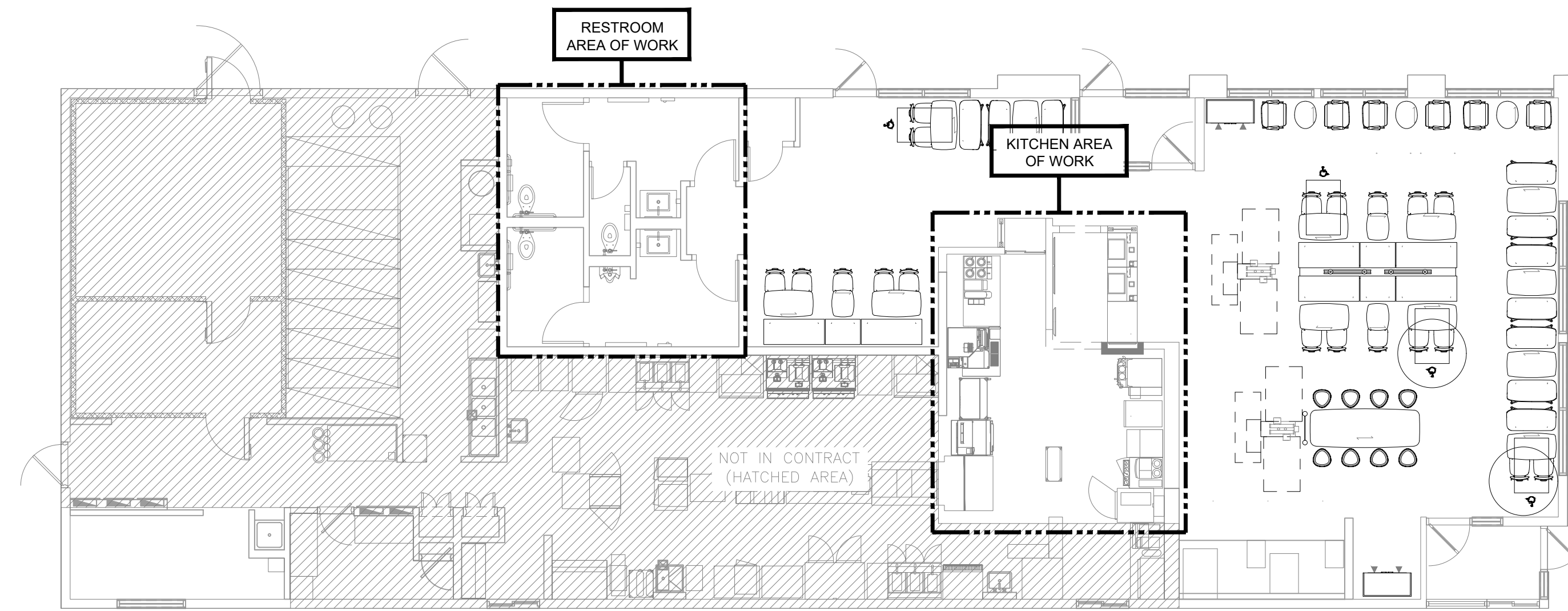
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ARCHITECT
NUMBER A-2018040323
DATE: 03/09/2023

PREPARED FOR: **McDonald's USA, LLC**
CONSULTANT: **McDonald's USA, LLC**
NAME: **JOSHUA CARRELL**
LICENSE NO: **A-2018040323**

DATE: 3/10/23
BY: JWC
CHECKED: JWC
DATE: 2019
DATE: 2019
DATE: 2019
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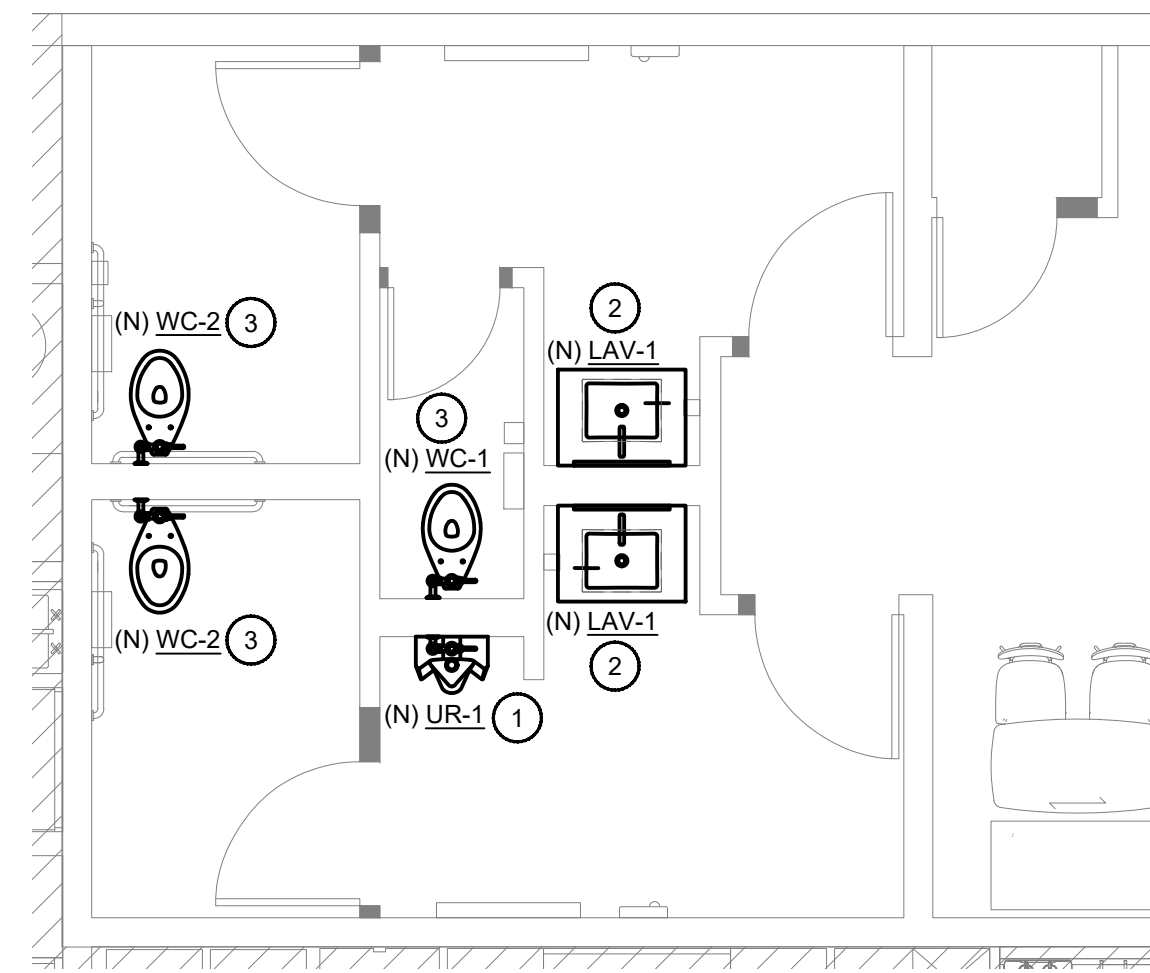
PROJECT FILE: **McDONALD'S RESTAURANT COLUMBIA-HWY 70: 2023 BCK**
SHEET NO: **DUAL POINT SLIP SHEET**
PROJECT NO: 4122000363

205 BUSINESS LOOP
COLUMBIA, MO 65201
DP1.0



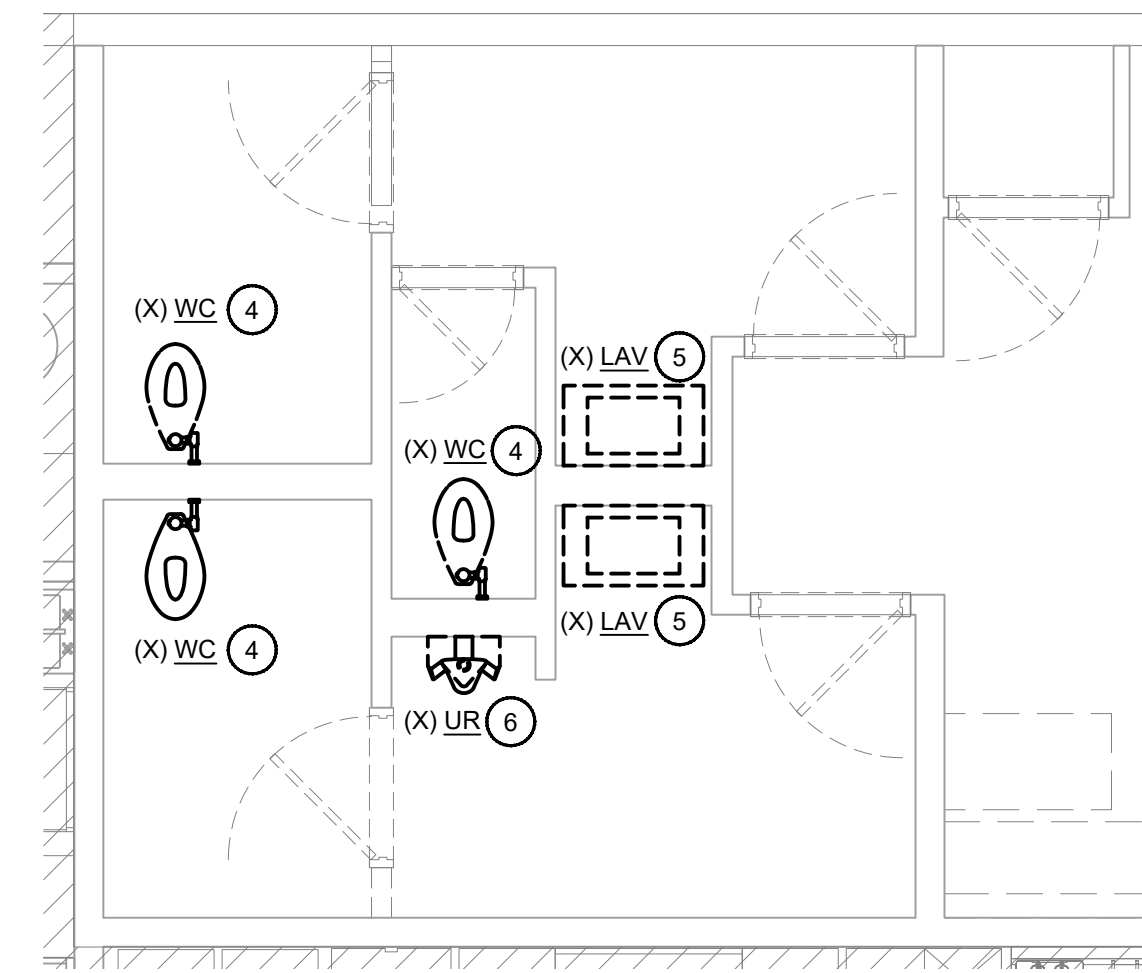
1 PLUMBING PLAN - OVERALL

1/8"=1'0"



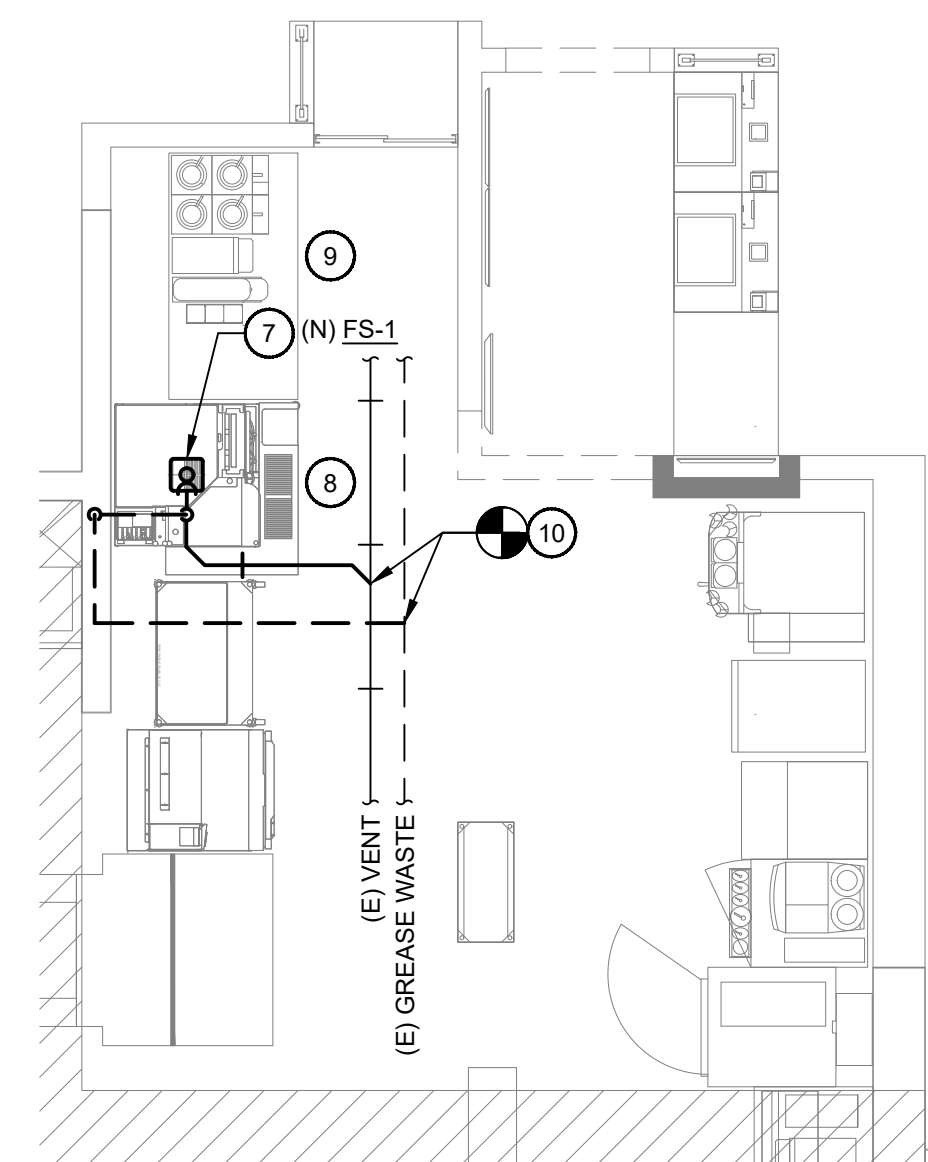
3 RESTROOM PLUMBING PLAN - NEW WORK

1/4"=1'0"



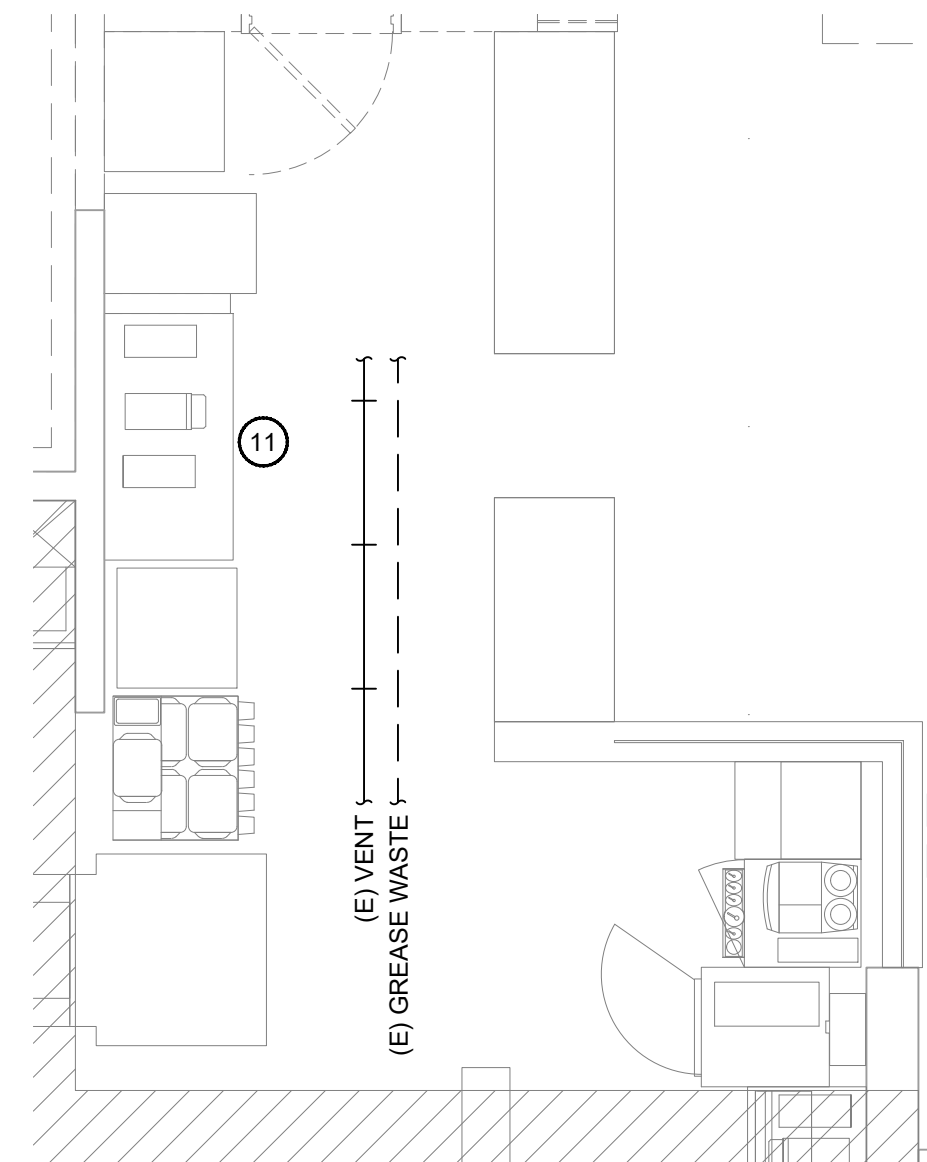
2 RESTROOM PLUMBING PLAN - DEMO WORK

1/4"=1'0"



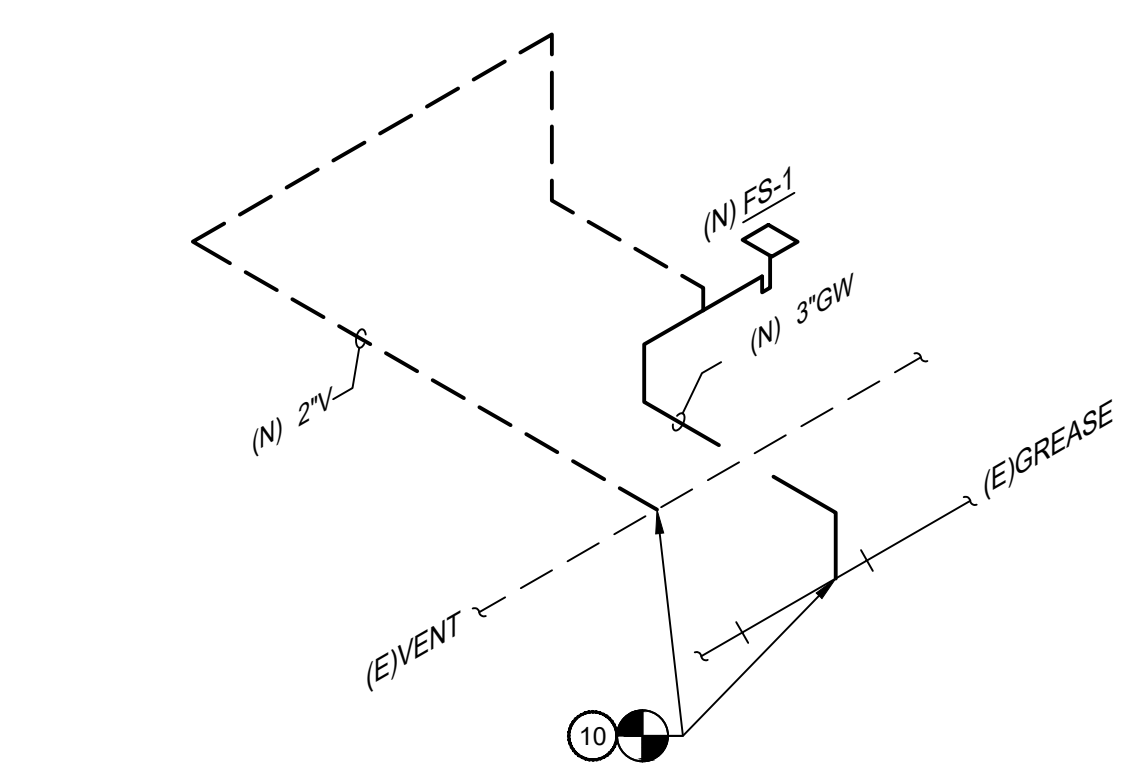
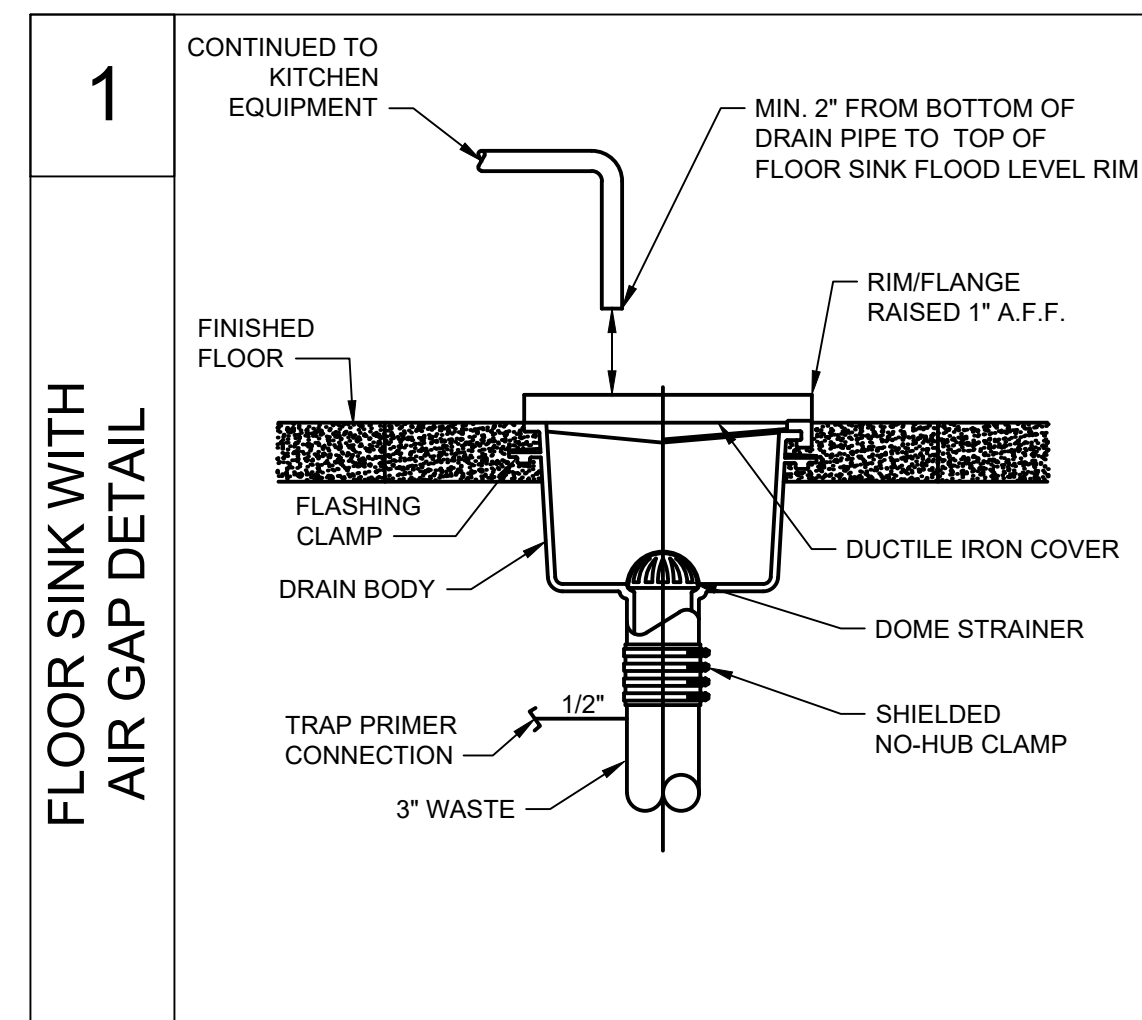
5 RESTROOM PLUMBING PLAN - NEW WORK

1/4"=1'0"



4 RESTROOM PLUMBING PLAN - DEMO WORK

1/4"=1'0"



6 SANITARY RISER DIAGRAM

NTS

GENERAL NOTES:

- EXACT LOCATION OF PLUMBING FIXTURES SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS.
- 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.
- CONTRACTOR SHALL VERIFY INVERT ELEVATIONS OF SEWERS TO WHICH NEW WASTE LINES ARE TO BE CONNECTED, BEFORE MAKING UP OR INSTALLING NEW WASTE SYSTEM.
- 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.
- WHERE POSSIBLE, TIE VENTS TOGETHER SO THAT A MINIMUM NUMBER PENETRATE THROUGH THE ROOF.
- CONTRACTOR SHALL NOT CUT HOLES IN STRUCTURAL MEMBERS WITHOUT PRIOR AUTHORIZATION BY THE ARCHITECT.
- CONTRACTOR SHALL INSTALL DIELECTRIC UNIONS AT CONNECTIONS OF DISSIMILAR METALS.
- 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.
- 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 CONTRACTOR SHALL RUN NEW PIPE BACK TO MAIN OR TO A BRANCH THAT IS THE SAME SIZE OR LARGER THAN THE NEW PIPE.
- 2" WASTE PIPE SHALL BE SLOPED AT LEAST 1/4" PER FOOT. 4" WASTE PIPE SHALL BE SLOPED AT LEAST 1/8" PER FOOT. VERIFY LOCATION OF EXISTING VENT PIPING. ROUTE NEW VENT & WASTE PIPING TO EXISTING.
- PROVIDE WALL CLEAN OUT AT EACH LAVATORY.

KEYED NOTES

- CONNECT NEW URINAL TO EXISTING WASTE, VENT AND COLD WATER SUPPLY. PROVIDE NEW SUNDRIES AS REQUIRED TO CONNECT NEW FIXTURE TO EXISTING PIPING. VERIFY EXACT LOCATION WITH ARCHITECTURAL PLANS.
- CONNECT NEW LAVATORY TO EXISTING WASTE AND DOMESTIC HOT/COLD WATER SUPPLY. PROVIDE NEW SUNDRIES AS REQUIRED TO CONNECT NEW FIXTURE TO EXISTING PIPING. VERIFY EXACT LOCATION WITH ARCHITECTURAL PLANS.
- CONNECT NEW WATER CLOSET TO EXISTING WASTE, VENT AND COLD WATER SUPPLY. PROVIDE NEW SUNDRIES AS REQUIRED TO CONNECT NEW FIXTURE TO EXISTING PIPING. VERIFY EXACT LOCATION WITH ARCHITECTURAL PLANS.
- REMOVE EXISTING WATER CLOSET AND ASSOCIATED SUPPORTS. DISCONNECT FROM EXISTING SANITARY, VENT AND DOMESTIC WATER PIPING FOR FIXTURE REPLACEMENT.
- REMOVE EXISTING LAVATORY AND ALL SUPPORTS. DISCONNECT FROM EXISTING SANITARY, VENT AND DOMESTIC WATER PIPING FOR FIXTURE REPLACEMENT.
- REMOVE EXISTING URINAL AND ALL SUPPORTS. DISCONNECT FROM EXISTING SANITARY, VENT AND DOMESTIC WATER PIPING FOR FIXTURE REPLACEMENT.
- CONNECT NEW FLOOR SINK TO EXISTING GREASE WASTE PIPING. VERIFY SIZE AND LOCATION OF EXISTING PIPE IN FIELD. VERIFY LOCATION OF NEW FIXTURE WITH ARCHITECTURAL AND KITCHEN DRAWINGS.
- INDIRECT WASTE PIPING FROM KITCHEN EQUIPMENT ROUTED TO FLOOR NEAREST FLOOR SINK WITH 2" AIR GAP.
- CONNECT FILTERED/TREATED/RO WATER TO KITCHEN EQUIPMENT. REFER TO KITCHEN EQUIPMENT DRAWINGS FOR REQUIREMENTS. COORDINATE KITCHEN EQUIPMENT FILTERED WATER REQUIREMENTS WITH KITCHEN EQUIPMENT VENDOR AND MANUFACTURER. TYPICAL FOR ALL KITCHEN EQUIPMENT. PROVIDE ALL EQUIPMENT WITH BACKFLOW PREVENTION DEVICE, WATTS MODEL 009.
- VERIFY AND MATCH EXISTING PIPE MATERIAL IN FIELD ENSURE EXISTING PIPE SIZE IS GREATER THAN NEW PIPE CONNECTION SIZE. VERIFY EXISTING INVERT LEVEL FOR SANITARY CONNECTION.
- DEMOLISH FILTERED/TREATED/RO WATER PIPING BACK TO MAIN AND CAP ABOVE CEILING.

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 Tel: (781) 273-2500 | www.ebiconsulting.com

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 MALLORY L. P. ANDERSON
 LICENSE NUMBER
 PE-2022000204

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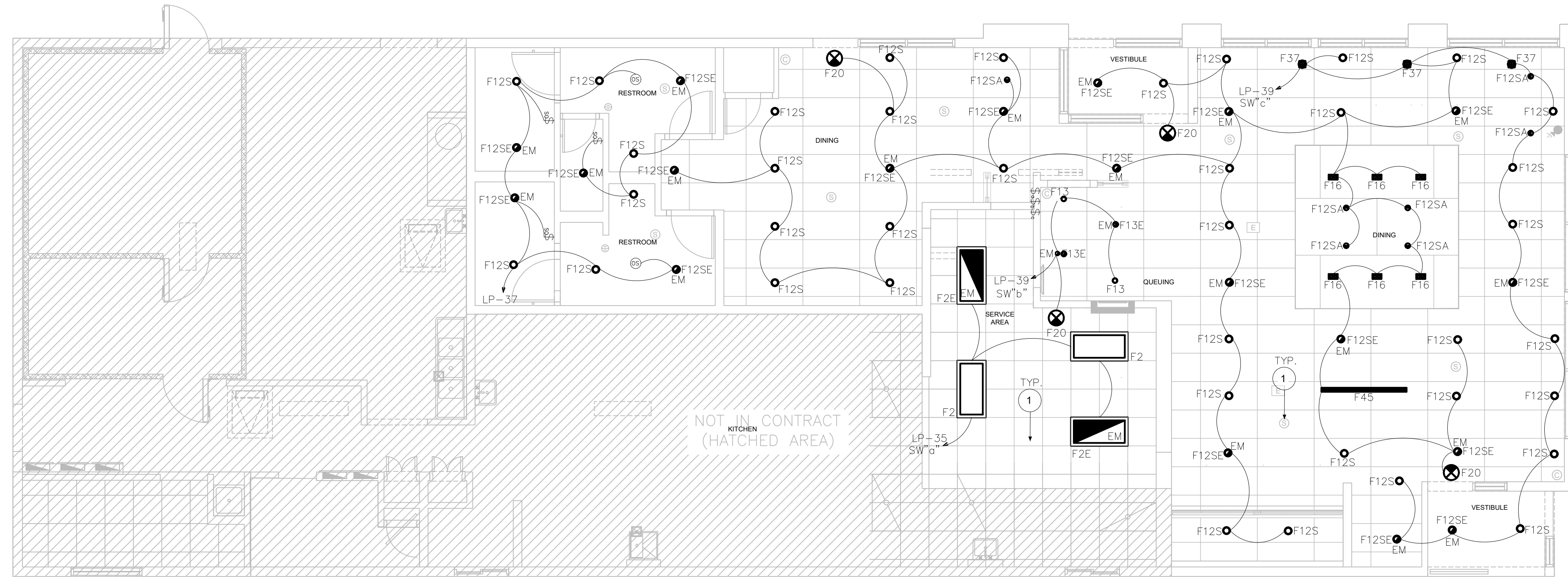
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PROJECT FILE:
 MCDONALD'S RESTAURANT
 COLUMBIA-HWY 70: 2023 BCK

PROJECT NAME:
 PLUMBING FLOOR PLANS

DATE: 03/07/2023

PROJECT ADDRESS:
 205 BUSINESS LOOP
 COLUMBIA, MO 65201



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

- GENERAL NOTES**
- A. FLOOR, WALL AND CEILING PENETRATIONS MUST BE SEALED WITH A FIRE STOPPING SYSTEM, APPROPRIATE TO THE PENETRATED FLOOR OR WALL TYPE, INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - B. CIRCUIT CONDUIT AND RACEWAY SHALL BE CONCEALED IN WALL OR CEILING.
 - C. CONTRACTOR SHALL VERIFY THAT THE ADDITIONAL CIRCUIT LOAD DOES NOT EXCEED THE RATED CAPACITY FOR EACH EXISTING CIRCUIT. IF THE LOAD ON A BRANCH CIRCUIT IS EXCEEDED, THE CONTRACTOR SHALL USE A SPARE OR A SPACE IN THE PANEL OR IN ANOTHER PANEL.
 - D. THE REQUIRED LIGHTING CONTROLS SHALL BE LOCATED WITHIN THE AREA SERVED BY THE CONTROLS OR BE A REMOTE SWITCH THAT IDENTIFIES THE LIGHTS SERVED AND INDICATES THEIR STATUS. (ANNUNCIATED LIGHT SWITCH DEVICE)
 - E. E.C. SHALL COORDINATE EXACT LOCATION OF LIGHTING CONTROLS WITH MCDONALD'S CONSTRUCTION MANAGER PRIOR TO COMMENCEMENT OF WORK.
 - F. CONNECT ALL EXIT SIGNS AND INVERTERS IN EMERGENCY LIGHTS AHEAD OF ANY LIGHTING CONTROL DEVICE.
 - G. WIRE ALL LIGHTING BRANCH CIRCUITS THROUGH THE EXISTING TIME CLOCK/LIGHTING CONTROL PANEL.

- KEY NOTE**
- 1 EXISTING DEVICE RELOCATED TO NEW LOCATION. INTERCEPT AND EXTEND EXISTING WIRING AND CONDUIT TO NEW LOCATION OF DEVICE AS INDICATED. RECONNECT FOR OPERATION.

MARK	DESCRIPTION/ MANUFACTURER	LAMPS		MOUNTING	MANUFACTURER AND CATALOG NUMBER
		WATTS	TYPE		
F12S	SECURITY LIGHTING 6" LED DOWN LIGHT	12	LED	RECESSED	LB6LED10LDM-30K-9-SA/DBX-QLDM
F12SE	SECURITY LIGHTING 6" LED DOWN LIGHT	12	LED	RECESSED	LB6LED10LDM-30K-9-WW-SA/DBX-QL WITH 90 MINUTE INTEGRAL INVERTER FOR EMERGENCY LIGHTING
F12SA	SECURITY LIGHTING 6" LED ADJUSTABLE DOWNLIGHT	12	LED	RECESSED	LB6LED10LDM-35K-9-WW-SA/DBXQL WALL WASHER WITH SILVER TRIM
F13	SECURITY LIGHTING 4" LED DOWNLIGHT	25	LED	RECESSED	LF4SL-4LFSL20L-30K-SP-DL-B24
F13E	SECURITY LIGHTING 4" LED DOWNLIGHT	25	LED	RECESSED	LF4SL-4LFSL20L-30K-SP-DL-B24/LG125TX WITH 90 MINUTE INTEGRAL INVERTER FOR EMERGENCY LIGHTING
F16	CS ILLUMINATION RAY	25	LED	RECESSED	15 DEGREE: 4658-XFR12/XM20/15C-15C/30H/1100/BK/BK 25 DEGREE: 4658-XFR12/XM20/25C-15C/30H/1100/BK/BK
F20	SECURITY LIGHTING	5	LED	SURFACE/CEILING	EVEURWE FIXTURE SHALL HAVE 90 MINUTE INTEGRAL BATTERY BACK-UP. PROVIDE DIRECTIONAL ARROW IF REQUIRED
F37	SECURITY LIGHTING	20	LED	ICON PENDANT	F37A: MPG-A-35LM30-R-CBC F37B: MPG-B-35LM30-R-CBC
F2	SECURITY LIGHTING GRID TROFFER	44	LED	2'X4' GRID TROFFER	# LCAT24-35HLG-EDU-WP-GK
F2E	SECURITY LIGHTING GRID TROFFER	44	LED	2'X4' GRID TROFFER	# LCAT24-35HLG-EDU-WP-GK WITH LG125TX WITH 90 MINUTE INTEGRAL INVERTER FOR EMERGENCY LIGHTING
F45	SECURITY LIGHTING	20	LED	LINEAR LIGHT	MPG-48L-L40M30-Y-CBC MPG-72L-L40M30-Y-CBC

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PREPARED FOR:
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1	FOR PERMIT		3/10/23	DMJ

PROJECT FILE: MCDONALD'S RESTAURANT COLUMBIA-HWY 70: 2023 BCK
 SHEET FILE: ELECTRICAL LIGHTING PLAN
 SHEET NO.: E2.0

PROJECT NO. 4122000363
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