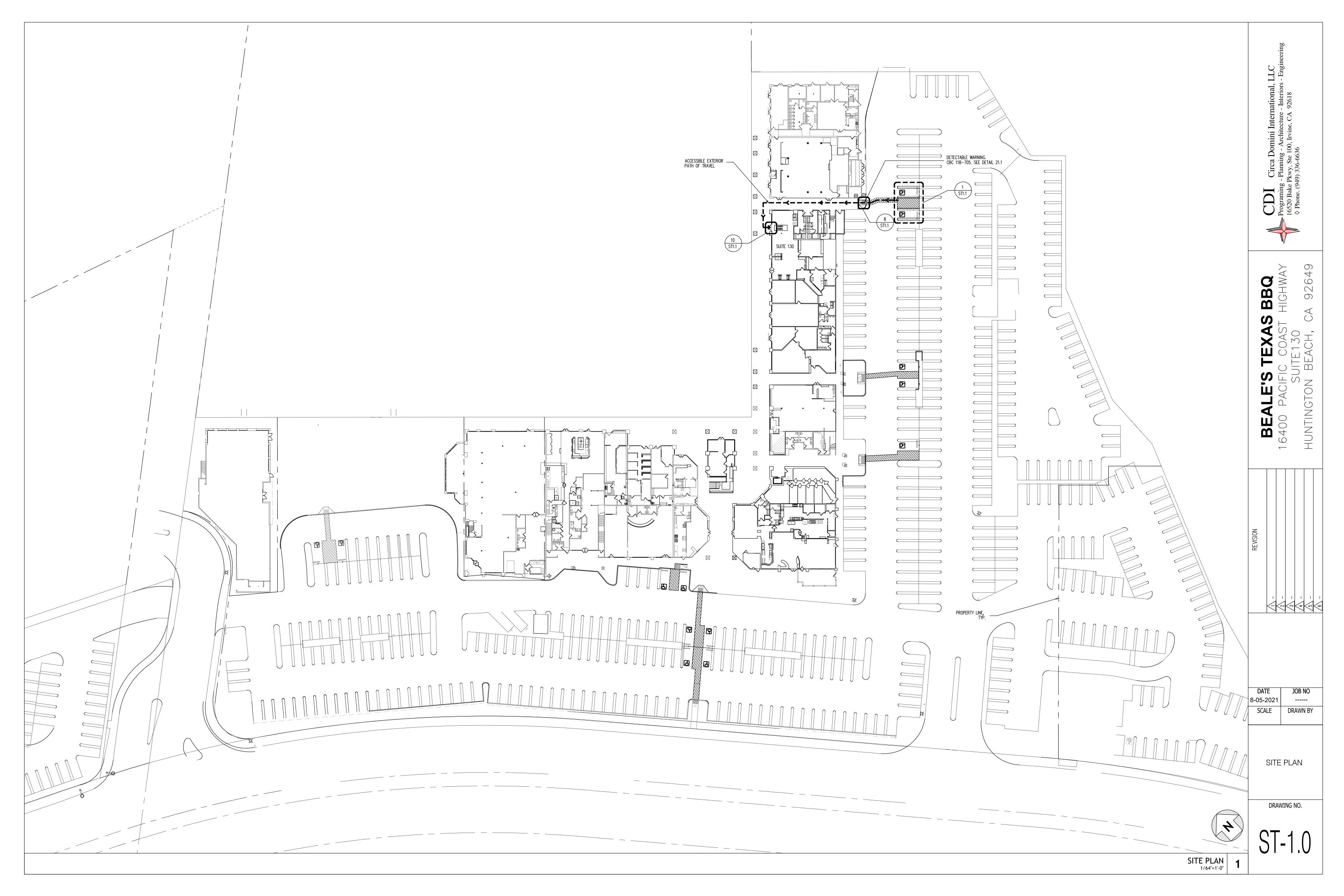
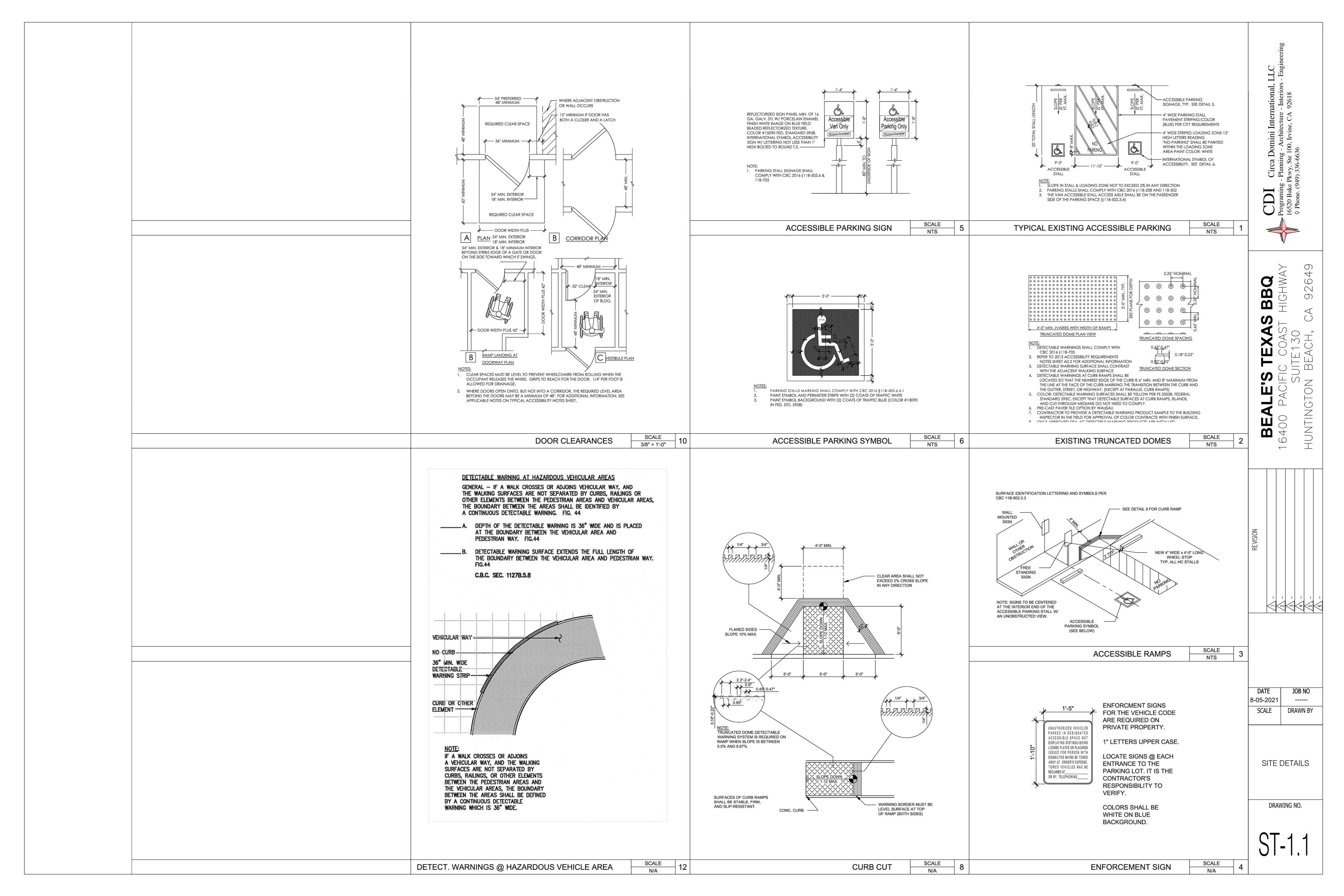
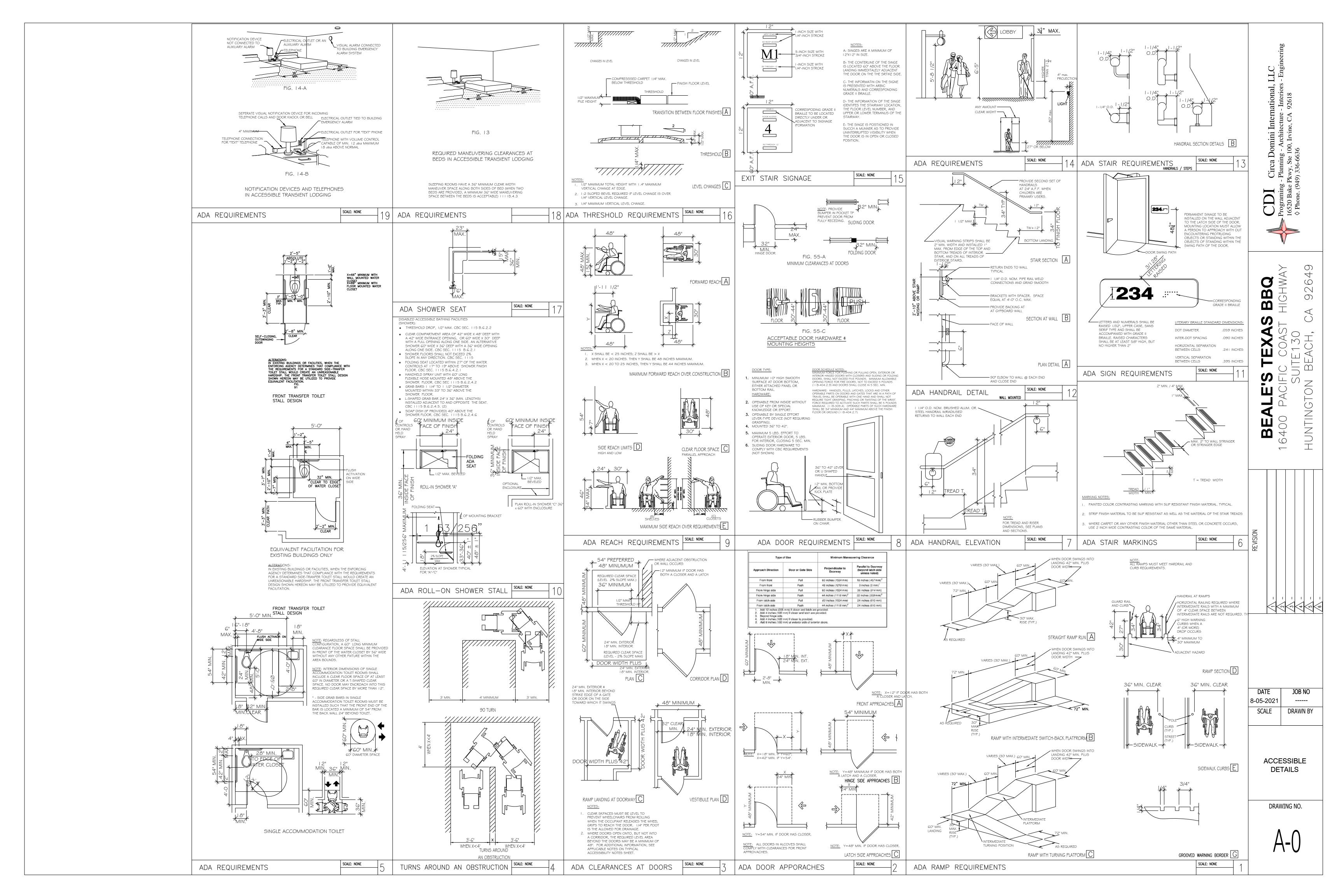
## BEALE'S TEXAS BBQ TENANT IMPROVEMENT

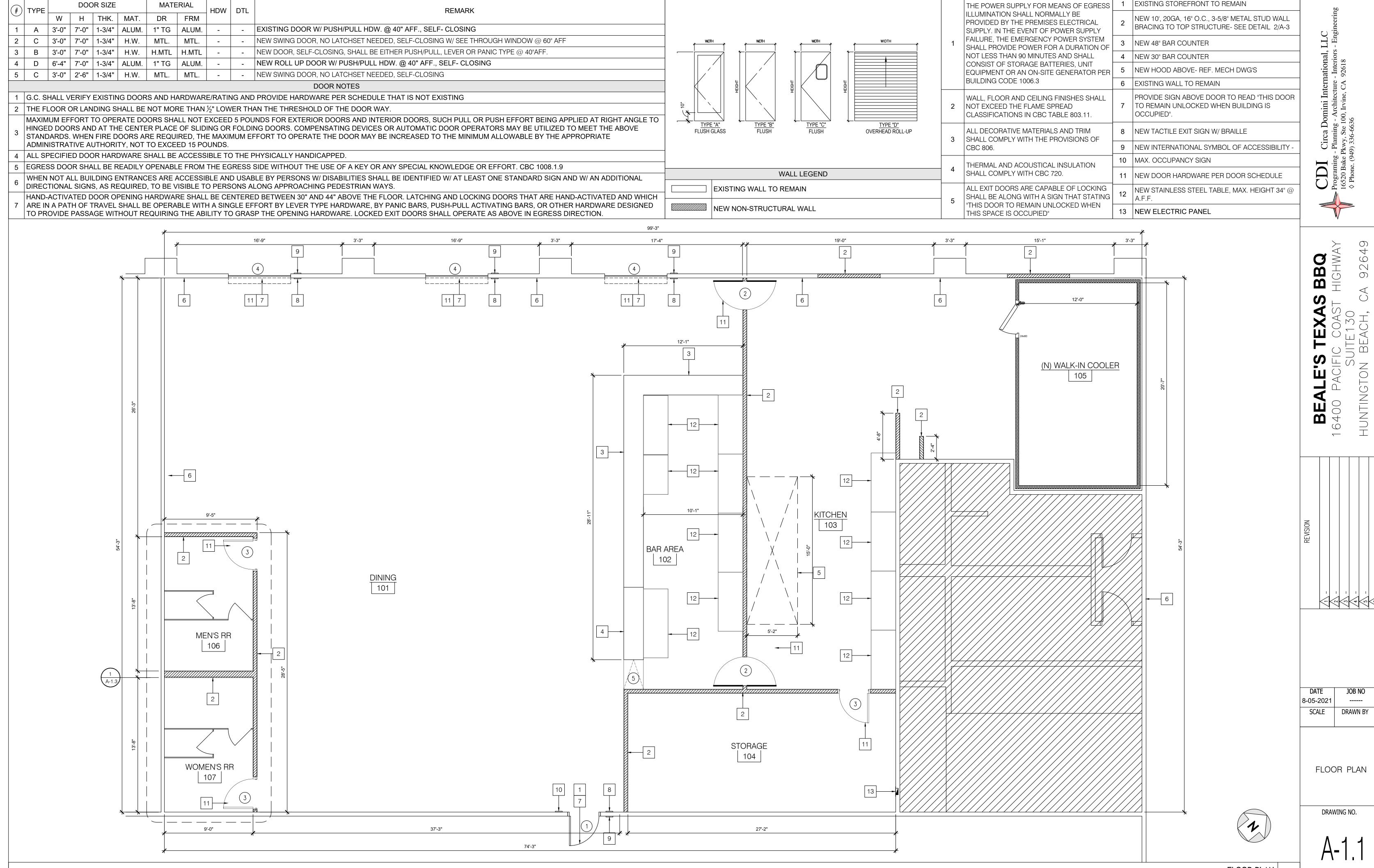
16400, PACIFIC COAST HIGHWAY, SUITE 130 HUNTINGTON BEACH, CA. 92649

GENERAL NOTES		PROJECT DESCRIPTION		ARCHITECTURAL	
THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS SHALL VERIFY ALL CONDITIONS,		CITY OF HUNTINGTON BEACH		TITLE SHEET	
DIMENSIONS, ETC. AT THE SITE AND SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT IN COMPLETION OF THE PROJECT. REMOVE ALL DEMOLISHED MATERIAL NOT DESIGNATED FOR	) <del>                                    </del>	2019 CALIFORNIA BUILDING CODE		SITE PLAN	
WRITING PRIOR TO CONSTRUCTION. COMMENCEMENT OF WORK IMPLIES THE ACCEPTANCE   15   PELISE EDOM THE DDEMISES I FAVE THE DDEMISES OF AND NEAT AND ODDEDLY AT THE	MECHANICAL CODE:	2019 CALIFORNIA MECHANICAL CODE	ST-1.1	SITE DETAILS	
OF ALL CONDITIONS. CONTRACTOR SHALL ALSO COORDINATE THE WORK WITH THE WORK OF ALL OTHER TRADES.		2019 CALIFORNIA PLUMBING CODE	A-0	ACCESSIBLE DETAILS	
ALL OTHER TRADES.	ELECTRICAL CODE:	2019 CALIFORNIA ELECTRICAL CODE	A-1.1	FLOOR PLAN	
THE GENERAL CONTRACTOR SHALL PROVIDE ALL PROTECTIVE MEASURES FOR THE SAFETY OF 16 REPLACE OR RELOCATE ALL EXISTING PIPELINE, CONDUIT, WIRING, ETC. REQUIRED FOR THE		2019 CALIFORNIA FIRE CODE		EGRESS PLAN	
THE PUBLIC AND WORKERS DURING THE COURSE OF THE WORK.  COMPLETION OF THE NEW WORK.		2019 CALIFORNIA ENERGY EFFICIENCY STANDARDS	A-1.3	ENLARGED RESTROOM & DETAILS	
ALL WORK ON THIS PROJECT SHALL BE DONE IN THE BEST WORKMANSHIP.  17   ELECTRICAL CONDUIT, WATER LINE, DUCT SUPPORTS/HANGERS, ETC. SHALL NOT BE	GREEN BUILDING CODE:	2019 CALIFORNIA GREEN BUILDING STANDARD CODE	A-2.1	CEILING PLAN	<del>7</del>
ALE WORK ON THIS TROSECT STIZLE BE BONE IN THE BEST WORKWANSTIII.		BUILDING INFORMATION	A-2.2	FINISH PLAN & SCHEDULE	
THE GENERAL CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR THE EXECUTION OF HIS THE ARCHITECT HAS NO KNOWLEDGE OF HAZARDOUS MATERIAL ON THIS PROJECT. THE	NO. OF STORIES:	2		DETAILS	
WORK AND FOR ANY CHANGES AND/OR DEVIATIONS FROM DRAWINGS AND SPECIFICATIONS  WORK AND FOR ANY CHANGES AND/OR DEVIATIONS FROM DRAWINGS AND SPECIFICATIONS  ARCHITECT CAN NOT BE HELD LIABLE FOR ANY SUCH MATERIAL ASBESTOS, LEAD PAINT OR		A-2 (NEW)		DETAILS	
MADE WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER. THE COST OF CORRECTIONS 18 OTHER SIMILAR PRODUCT THAT MAY BE UNCOVERED ON THIS PROJECT. IF SUCH MATERIAL IS	3	V-B (EXISTING REMAIN AS IS)		EQUIPMENT PLAN & SCHEDULE	
RESULTING FROM CHANGES AND/OR DEVIATIONS SHALL BE BORNE BY THE GENERAL  ENCOUNTERED OR SUSPECTED, THE OWNER SHALL BE RESPONSIBLE FOR MAKING		32'-7"	EQ-1.2	INTERIOR ELEVATIONS	
CONTRACTOR. ARRANGEMENTS FOR THE SAFE AND LEGAL REMOVAL OF SUCH MATERIAL AS REQUIRED.	FIRE ALARM:	YES			
		YES		MECHANICAL	
DESIGN ALTERATIONS MADE WITHOUT THE ARCHITECT'S KNOWLEDGE DURING THE COURSE OF THE ARCHITECT HAS NO CONTROL OR RESPONSIBILITY FOR THE MEANS, TECHNIQUES		2,265 SF. (EXISTING)	M-0.0	MECHANICAL NOTES & SCHEDULES	
CONSTRUCTION ARE DONE AT THE OWNER'S AND/OR CONTRACTOR'S RISK. THE ARCHITECT  19   SEQUENCE, OR PROCEDURES OF CONSTRUCTION OR SAFETY PROGRAMS FOR THIS PROJECT   SEQUENCE, OR PROCEDURES OF CONSTRUCTION OR SAFETY PROGRAMS FOR THIS PROJECT   SEQUENCE, OR PROCEDURES OF CONSTRUCTION OR SAFETY PROGRAMS FOR THIS PROJECT	APN	178-441-13	M-0.1	MECHANICAL DETAILS	
SHALL NOT BE HELD RESPONSIBLE FOR THE CONSEQUENCES OF SUCH CHANGES.  SHALL NOT BE HELD RESPONSIBLE FOR THE CONSEQUENCES OF SUCH CHANGES.  SUCH PROGRAMS AND COMPLIANCE WITH ALL LAWS, REULES, REGULATIONS, CODES OR ORDINANCES SHALL BE THE RESPONSIBILITY OF OTHERS.		SCOPE OF WORK		MECHANICAL PLAN - 1ST FLOOR	
		MMERCIAL BUILDING TO CREATE A RESTAURANT. SCOPE OF		MECHANICAL PLAN - ROOF	
THE GENERAL AND SUB-CONTRACTORS SHALL APPLY FOR AND PAY FOR ALL PERMITS  THE REMOVAL OF FLOOR SLAB FOR INSTALLATION OF SANITARY AND/OR WATER LINES SHALL  TO SHALL APPLY FOR AND PAY FOR AND PAY FOR ALL PERMITS  20  THE REMOVAL OF FLOOR SLAB FOR INSTALLATION OF SANITARY AND/OR WATER LINES SHALL		RTITION WALL, CEILING, NEW KITCHEN EQUIPMENTS AND		TITLE 24	
REQUIRED FOR THIS PROJECT.  BE ACCOMPLISHED BY SAW CUTTING.	ASSOCIATED ELECTRICAL,	, MECHANICAL, AND PLUMBING WORK.		TITLE 24	
DENIETDATIONS OF THE DOOF LADOED THAN 31 01 V 31 01 FOR INSTALLATION OF DOOF					
A COMPLETE SET OF CONTRACT DOCUMENTS MUST BE KEPT AT THE JOB SITE AT ALL TIMES  AND ANY CHANGES MUST BE NOTED THEREON AND INITIAL ED.  21 PENETRATIONS OF THE ROOF LARGER THAN 2'-0" X 2'-0" FOR INSTALLATION OF ROOF MOUNTED EQUIPMENT SHALL REQUIRED A STEEL SUPPORT FRAME TO CARRY THE LOAD TO		SEPARATE PERMIT		TITLE 24	
AND ANY CHANGES MUST BE NOTED THEREON AND INITIALED.  THE BUILDING'S STEEL STRUCTURE.	EXTERIOR SIGNAGE		H-0	HOOD INFOMATION	<b>-</b>
		OCCUPANT LOAD CALCULATION	H-1	HOOD INFOMATION	
THE CONTRACTOR SHALL INSURE THE PROTECTION OF ALL EQUIPMENT FURNISHED UNDER HIS 22 ANY WORK THAT REQUIRES PENETRATING THE ROOF SYSTEM SHALL BE PERFORMED BY A	FUNCTION	AREA FACTOR OCCUPANT LOAD	H-2	HOOD INFOMATION	
CONTRACT AND BY OTHERS.  ROOFING CONTRACTOR APPROVED BY THE LANDLORD.	DININING AREA	2577 SF 15 172	— H-3	HOOD INFOMATION	
THE CENEDAL CONTRACTOR SHALL DO ALL WALL AND ELOOP PATCHING TO CONFORM TO	KITCHEN AREA	852 SF 200 5	— H-4	HOOD INFOMATION	L
THE GENERAL CONTRACTOR SHALL DO ALL WALL AND FLOOR PATCHING TO CONFORM TO MATERIAL, TEXTURE, AND SURFACE ALIGNMENT WITH THE ADJOINING SURFACE.	BAR AREA	385 SF 200 5		HOOD INFOMATION	_
			— H-6	HOOD INFOMATION	
PROVIDE PROTECTION AROUND AREAS WHERE NEW WORK AND/OR DEMOLITION IS TO BE	STORAGE	328 SF 100 4		PLUMBING	
PERFORMED IN ORDER TO PREVENT DUST AND DIRT FROM ENTERING ACTIVE PORTIONS OF	MEN'RR	123 SF N/A 0	P-0.0	PLUMBING NOTES & SCHEDULES	
THE BUILDING.	WOMEN'RR	123 SF N/A 0	P-0.1	PLUMBING DETAILS	
PATCH, REPAIR, OR REPLACE ALL WORK DAMAGED BY NEW CONSTRUCTION.	WALK IN COOLER	247 SF N/A 0	P-1.0	WASTE & VENT PLAN	
	TOTAL AREA	4982 TOTAL OL 183	P-2.0	WATER & GAS PLAN	
REMOVE ALL DEBRIS AT THE COMPLETION OF THE PROJECT.		EXIT CALCULATION			
DO NOT SCALE DRAWINGS FOR ANY REASON. REPORT ANY DIMENSIONAL DISCREPANCIES TO	EXIT REQUIRED	2		ELECTRICAL	
THE ARCHITECT BEFORE CONTINUING WORK.	EXIT PROVIDED	4	E-0.0	ELECTRICAL SPECIFICATION	
WHERE LISTED PRODUCT DISTRIBUTORS ARE PROVIDED FOR CONVENIENCE ONLY. THE				SINGLE LINE DIAGRAM & SCHEDULES	
WHERE LISTED, PRODUCT DISTRIBUTORS ARE PROVIDED FOR CONVENIENCE ONLY. THE CONTRACTOR IS NOT REQUIRED TO USE THE LISTED DISTRIBUTORS.	LAND LOR			LIGHTING PLAN	
	CONTACT: COURTNEY			POWER PLAN	
SITE PLAN FOR REFERENCE ONLY	ADDRESS: 5 PETERS C			ELECTRICAL TITLE 24	
	SUITE 350, IRVINE, CA 9260		-	· ·	SION
	TEL: 949-449-1383	` '			
		ENDULUMPP.COM EMAIL: DKANG@CDIENG.COM			
	ARCHITEC	CT			
ACCESSBLE EXTERIOR	CONTACT: DAVID KANG				
PATH OF TRAVEL	ADDRESS: 16520 BAKE PK	(WY, STE 100			
	IRVINE CA 92618				
	TEL: (949)336-6636				
	EMAIL: DKANG@CDIE	NG.COM			
		VICINITY MAP			
	1 / MAC/				
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				
	('/p)	$M \sim M_{\rm Or}$			
	, , , , , , , , , , , , , , , , , , , ,	>: / ''VCO/2 OP			
		· · · · · · · · · · · · · · · · · · ·			DAT
					i DAI
		ANNE SOR			9 05 4
		ANNE CIR			
		ANNE CIR.			
		ANNE CIR.			8-05-2 SCA
		ANNE CIR.			
		ANNE CIR.			
		ANNE CIR.			SCA
		ANNE CIR.			
		TANNE CIR.			SCA
	S A CK	ANNE CIR.			SCA
		ANNE CIR.			SCA
		ANNE CIR.			SCA
	S A CAC	TANNE CIP.  TO STANLE CIP.  TO			SCA
	S A CIRC	ANNE CIR.			SCA
	S A CINC	TANNECIR.  TO STANLE ST			SCA
	S A CIRC	ANNE CIR.			SCA
		ANNE CIR.			SCA









DOOR SCHEDULE

DOOR SCHEDULE

#

**KEY NOTES** 

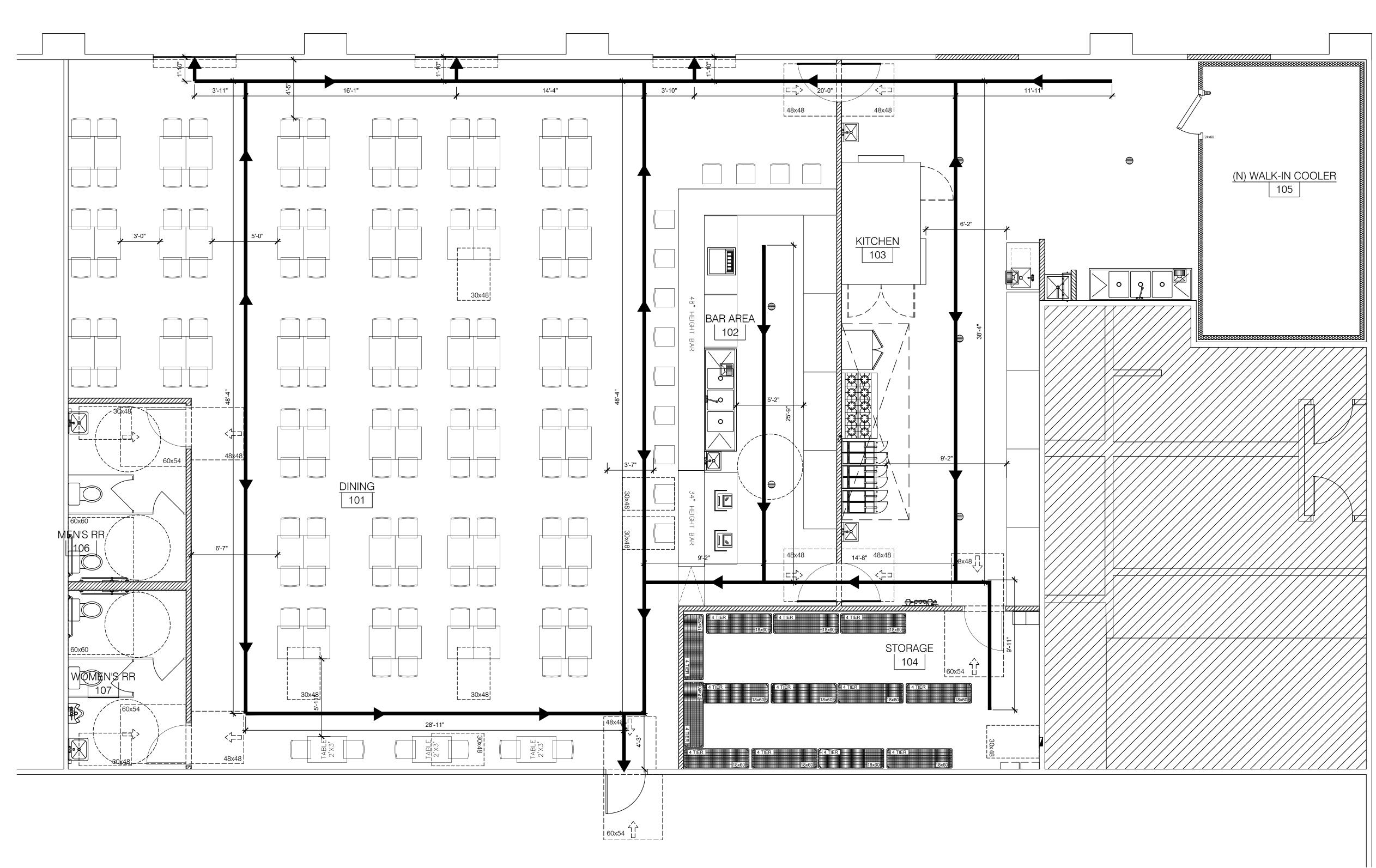
FIRE NOTES

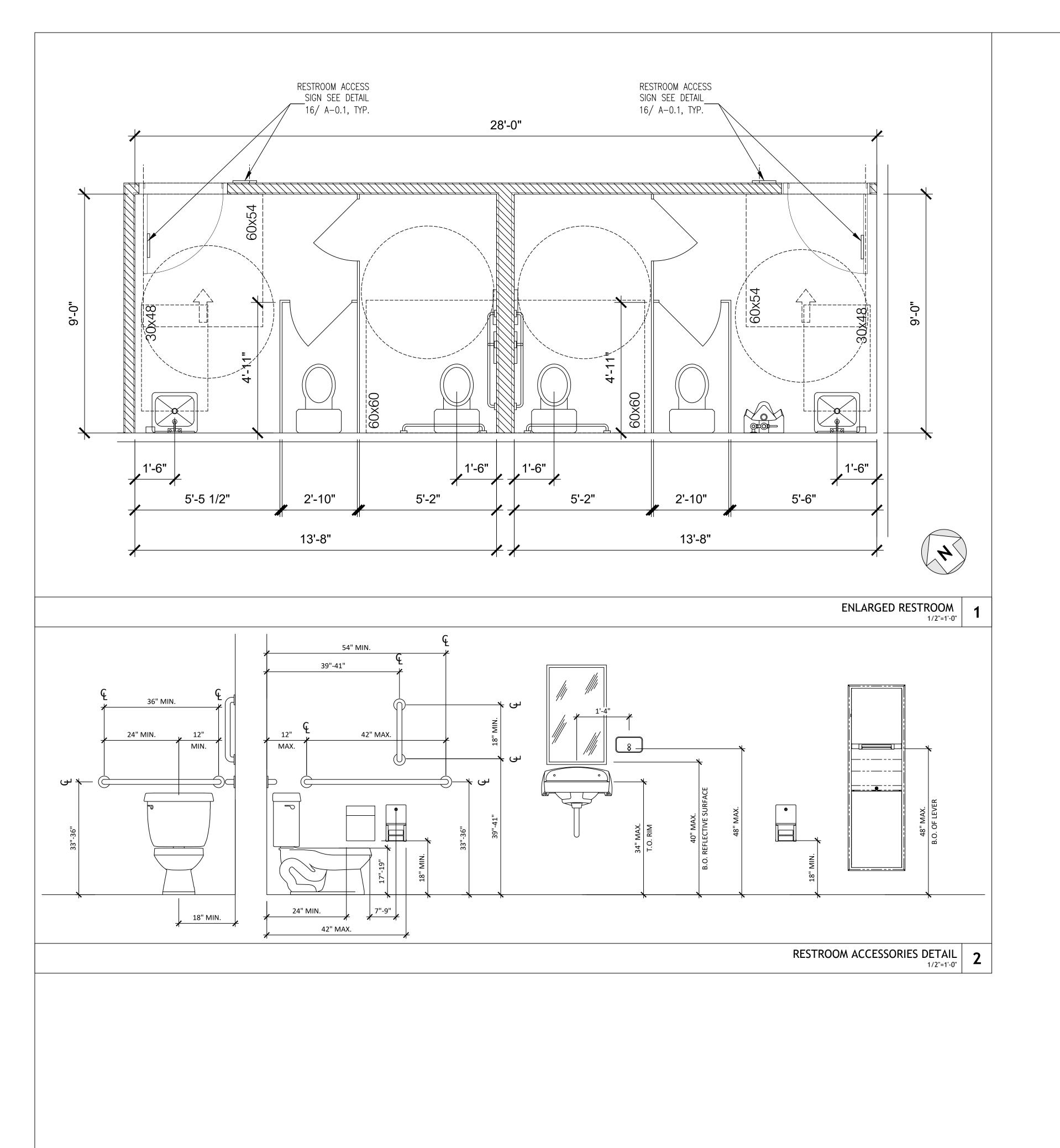
**BBQ** HIGHWAY 92649 BEALE'S TEXAS I 16400 PACIFIC COAST H SUITE130 HUNTINGTON BEACH, CA

JOB NO 8-05-2021 SCALE DRAWN BY

EGRESS PLAN

DRAWING NO.





CDI Circa Domini International, LLC
Programing - Planning - Architecture - Interiors - Eng 16520 Bake Pkwy, Ste 100, Irvine, CA 92618

Phone. (949) 336-6636

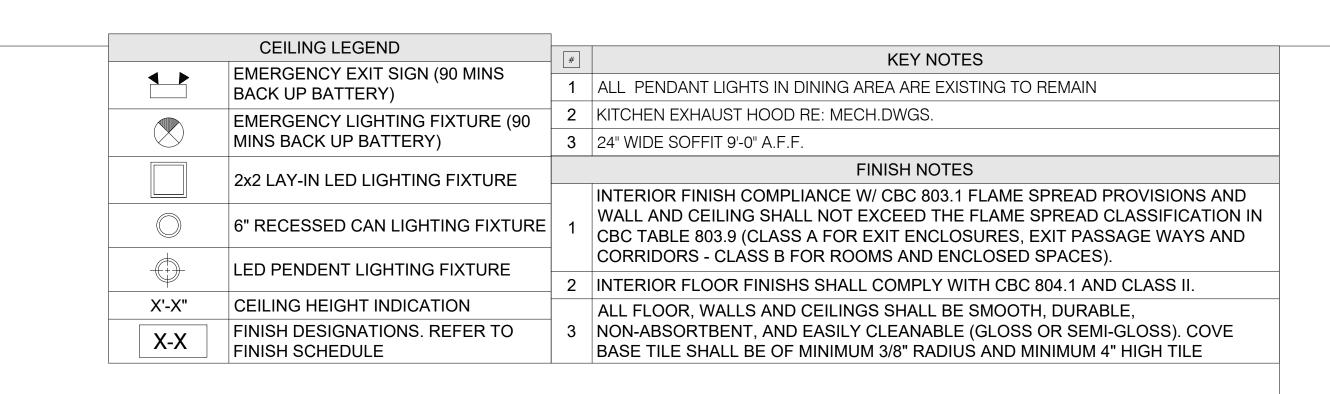
BEALE'S TEXAS BBQ
16400 PACIFIC COAST HIGHWAY
SUITE130
HUNTINGTON BEACH, CA 92649

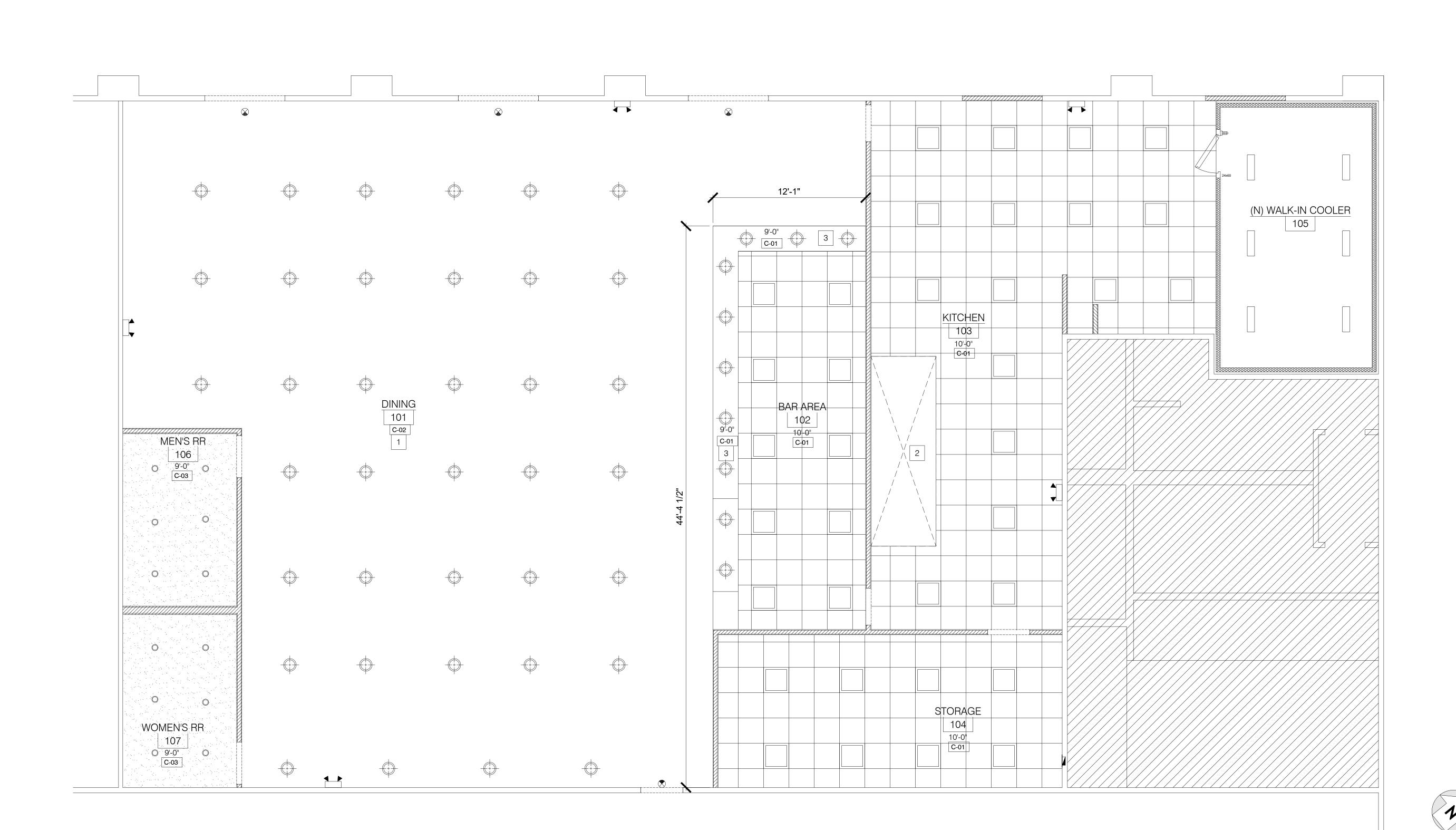
DATE JOB NO 8-05-2021 ------SCALE DRAWN BY

> ENLARGED RESTROOM & DETAILS

DRAWING NO.

A-13







SUITE117

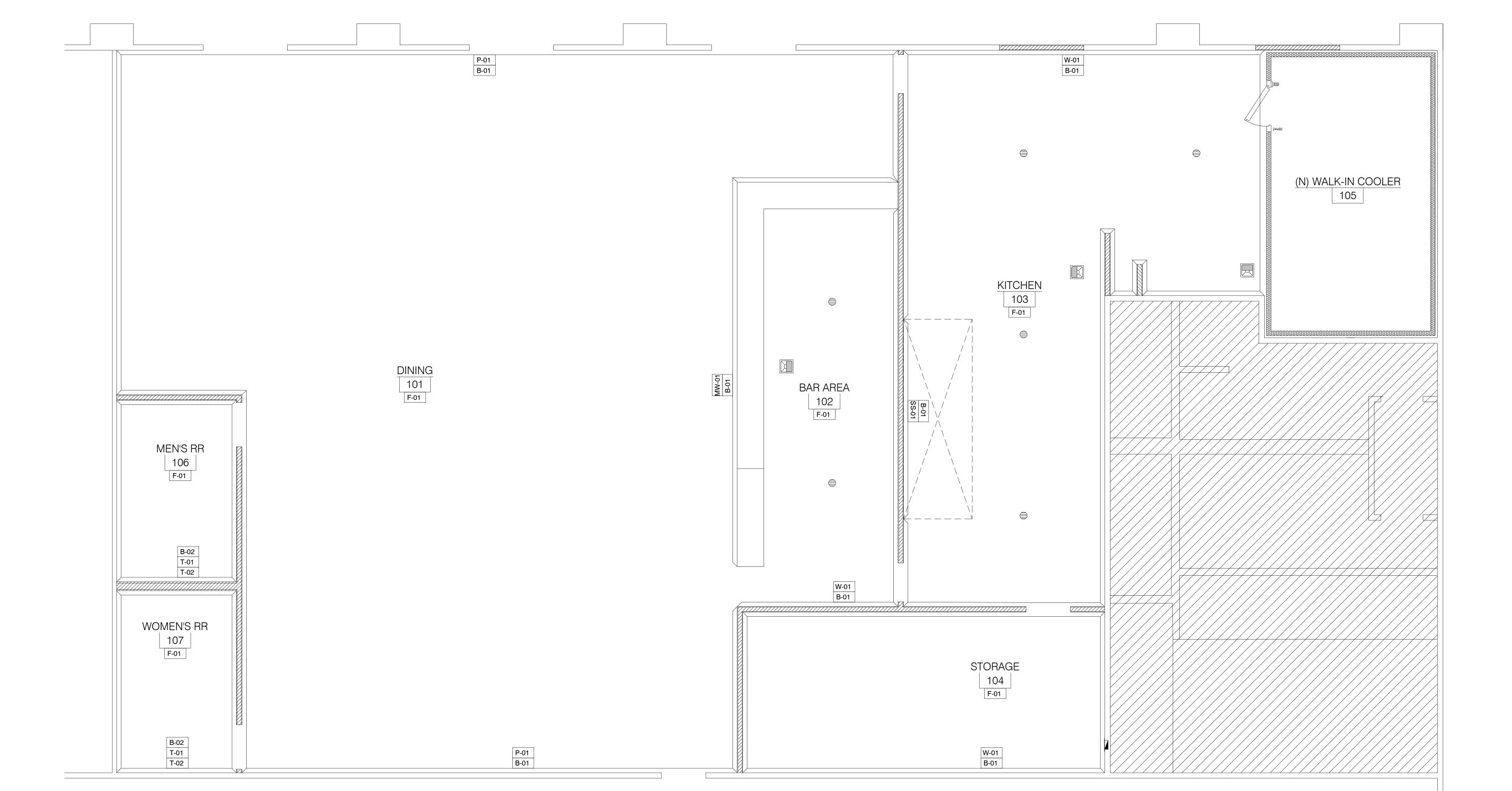
DATE JOB NO 8-05-2021 -----SCALE DRAWN BY

CEILING PLAN

DRAWING NO.

A-2.1





	FINISH SCHEDULE					
TAG	DESCRIPTION	SPECIFICATION	INFORMATION			
F-01	SEALED CONCRETE	HTC, INC. SUPERFLOOR; CLEAR COLOR; PROVIDE (3) COATS MIN.	ALL AREAS			
B-01	SLIM FOOT COVE BASE	SLIM FOOT TILE COVE; B&W/HUNTINGTON S-36197; GREY COLOR; 6" HIGH & 3/8" RADIUS	ALL AREAS			
B-02	SLIM FOOT COVE BASE	6" HIGH W/ 3/8" RADIUS DALTILE GLAZED PORCELAIN TILE SANITARY COVE BASE #S-3619TN COLOR: "ARCTIC WHITE 0190".	RESTROOM			
C-01	T-BAR CEILING TILE	USG INTERIORS 24x24; WHITE COLOR	KITCHEN, STORAGE & BAR AREA			
C-02	OPEN CEILING	-	DINING AREA			
C-03	GYP. BOARD CEILING	WHITE COLOR	REST ROOM			
W-01	FRP	MARLITE STANDARD FRP P100 WHITEPEBBLED SURFACE FIN.	KITCHEN, STORAGE & BAR AREA			
P-01	PAINT	SHERWIN-WILLIAMS SEA SALT SW 6204 SEMI-GLOSS	DINING AREA			
SS-01	STAINLESS STEEL	STAINLESS STEEL PANEL	BEHIND HOOD			
IW-01	MILLWORK	MILLWORK; PICK BY OWNER, INSTALL BY CONTRACTOR	BAR COUNTER			
T-01	PORCELAIN TILE	PORCELAIN TILE 13X13 78BOMBAR1313 SET SQUARE WITH 1/8" GROUT JOINTS	RESTROOM			
T-02	MARBLE TILE	EMPERRADOR LIGHT HONED 12x24 MARBLE	RESTROOM			



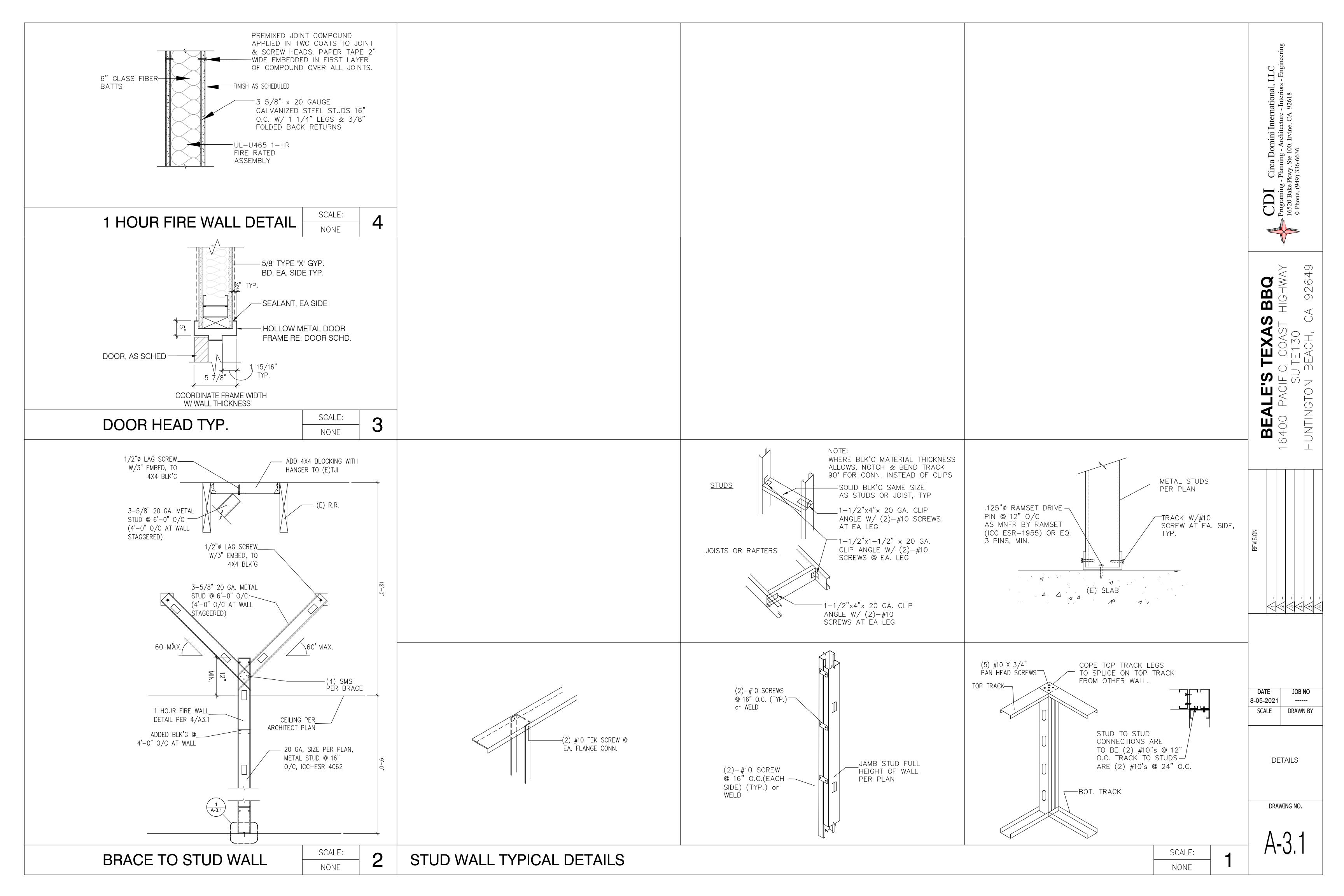
DRAWING NO.

FINISH PLAN & SCHEDULE

JOB NO

DRAWN BY

8-05-2021 SCALE

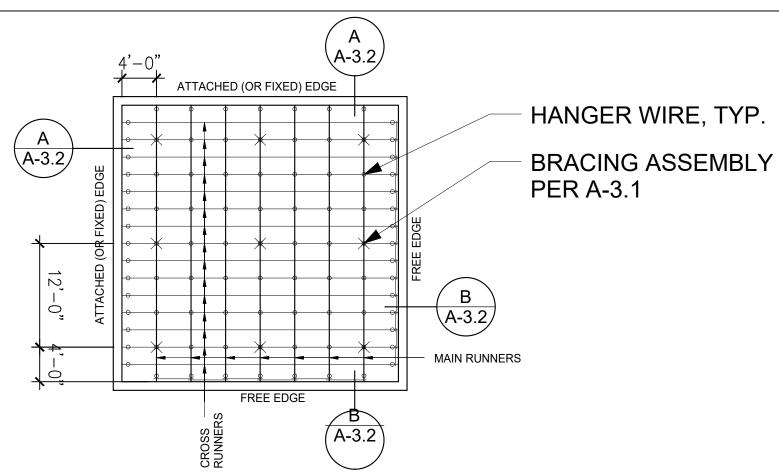


## METAL SUSPENSION SYSTEMS FOR LAY-IN PANEL CEILINGS

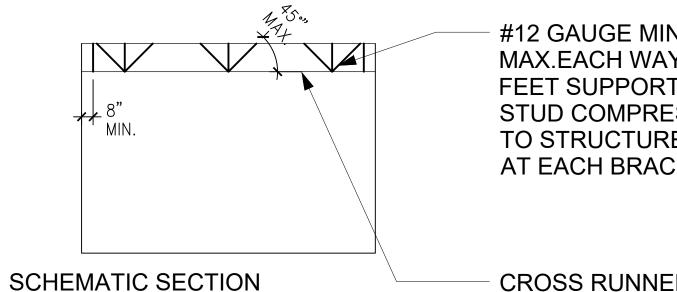
- GENERAL REQUIREMENTS: THE FOLLOWING REQUIREMENTS APPLY TO CEILING SYSTEMS WHOSE TOTAL WEIGHT, INCLUDING CEILING MOUNTED AIR TERMINALS, SERVICES AND LIGHT FIXTURES, DOES NOT EXCEED FOUR (4) PSF. HEAVIER SYSTEMS. AND THOSE SUPPORTING LATERAL LOADS FROM PARTITIONS. WILL REQUIRE SPECIAL DESIGN DETAILS.
- 1.1 #12 GAGE WIRE SHALL BE 0.106 INCHES IN DIAMETER CONFORMING TO ASTM A641. #12 GAGE WIRE SHALL BE SOFT ANNEALED, GALVANIZED STEEL WIRE WITH A CLASS 1 COATING.
- 1.2 #12 GAGE HANGER WIRES MAY BE USED FOR UP TO AND INCLUDING 4 FT. BY 4 FT. GRID SPACING AND SHALL BE ATTACHED TO MAIN RUNNERS.
- 1.3 PROVIDE #12 GAGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LEAST, FOR THE PERIMETER OF THE CEILING AREA. SEE DETAIL 8/A913. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.
- 1.4 PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO TYPICAL HANGER SPACING. SEE DET 9/A914. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS
- 1.5 CEILING GRID MEMBERS SHALL BE ATTACHED TO TWO (2) ADJACENT WALLS PER ASCE 7-05. SECTION 13.5.6.2(B), CEILING GRID MEMBERS SHALL BE AT LEAST 3/4 INCH CLEAR OF OTHER WALLS, IF WALLS
- 1.6 THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN 2 INCHES.
- 1.7 AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A METAL STRUT OR A #16 GAGE WIRE WITH A POSITIVE MECHANICAL CONNECTION TO THE RUNNER MAY BE USED. WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNER IS 8 INCHES OR LESS, THIS INTERLOCK IS NOT REQUIRED.
- 1.8 EXPANSION JOINTS SHALL BE PROVIDED IN THE CEILING AT INTERSECTIONS OF CORRIDORS AND AT JUNCTIONS OF CORRIDORS WITH LOBBIES OR OTHER SIMILAR AREAS.

RUN DIAGONALLY TO CEILING GRID SYSTEM RUNNERS, ONE END OF MAIN AND CROSS RUNNERS SHOULD BE FREE, AND A MINIMUM OF 3/4 INCH CLEAR OF WALL.

- 1.9 PROVIDE LATERAL-FORCE BRACING ASSEMBLIES CONSISTING OF A COMPRESSION STRUT AND FOUR (4) #12 GAGE SPLAYED BRACING WIRES ORIENTED 90 DEGREES FROM EACH OTHER (SEE DETAIL 5 / A913).
- 1.10 PROVIDE BRACING ASSEMBLIES AT LOCATIONS NOT MORE THAN ONE HALF (1/2) THE CALCULATED SPACING IN EACH DIRECTION FROM EACH PERIMETER WALL AND AT THE EDGES OF ANY CHANGE IN ELEVATION OF THE CEILING.
- 1.11 THE SLOPE OF BRACING WIRES SHALL NOT EXCEED 45 DEGREES FROM THE PLANE OF THE CEILING AND WIRES SHALL BE TAUT. SPLICES IN WIRES ARE NOT PERMITTED WITHOUT SPECIAL DSA APPROVAL
- 1.12 COMPRESSION STRUTS SHALL NOT BE MORE THAN 1 (HORIZONTAL) IN 6 (VERTICAL) OUT OF PLUMB.
- 1.13 SUSPENDED ACOUSTICAL CEILING SYSTEMS WITH A CEILING AREA OF 144 SQUARE FEET OR LESS, AND FIRE RATED SUSPENDED ACOUSTICAL CEILING SYSTEMS WITH A CEILING AREA OF 96 SQUARE FEET OR LESS, SURROUNDED BY WALLS WHICH CONNECT DIRECTLY TO THE STRUCTURE ABOVE OR WALLS INDEPENDENTLY BRACED ABOVE CEILING TO STRUCTURE ABOVE, DO NOT REQUIRE BRACING ASSEMBLIES WHEN ATTACHED TO TWO ADJACENT WALLS.
- 1.14 FOR CEILING AREAS EXCEEDING 2500 SQUARE FEET A SEISMIC SEPARATION JOINT SHALL BE PROVIDED TO DIVIDE THE CEILING INTO AREAS NOT EXCEEDING 2500 SQUARE FEET. ALTERNATIVELY, STRUCTURAL ANALYSIS SHALL BE PERFORMED TO DEMONSTRATE COMPLIANCE WITH ASTM E580-08 SECTION 5.2.9.
- 1.15 PENETRATIONS THROUGH THE CEILING FOR SPRINKLER HEADS AND OTHER SIMILAR DEVICES THAT ARE NOT INTEGRALLY TIED TO THE CEILING SYSTEM IN THE LATERAL DIRECTION SHALL HAVE A TWO (2) INCH OVERSIZED RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF ONE (1) INCH IN ALL HORIZONTAL DIRECTIONS. ALTERNATIVELY, PER ASTM E580 SECTION
- OR ROTATION OF THE MEMBER WITHIN THE LOOPS (SEE ASTM E580, SECTION 5.2.7.2), FASTEN #10 OR #12 BRACING WIRES WITH FOUR (4) TIGHT TURNS. MAKE ALL TIGHT TURNS WITHIN A DISTANCE OF 1-1/2 INCHES. HANGER OR BRACING WIRE ANCHORS TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE ANCHOR ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE WIRE. NOTE: WIRE TURNS MADE BY MACHINE WHERE BOTH STRANDS HAVE BEEN DEFORMED OR BENT IN WRAPPING CAN WAIVE THE 1-1/2 INCH REQUIREMENT, BUT THE NUMBER OF TURNS SHOULD BE MAINTAINED, AND BE AS TIGHT AS POSSIBLE.
- 1.17 SEPARATE ALL CEILING HANGER AND BRACING WIRES AT LEAST SIX (6) INCHES FROM ALL UNBRACED DUCTS, PIPES, CONDUIT, ETC.
- 1.18 WHEN DRILLED-IN CONCRETE ANCHORS OR SHOT-IN ANCHORS ARE USED IN REINFORCED CONCRETE FOR HANGER WIRES, 1 OUT OF 10 WIRE/ANCHOR ASSEMBLIES MUST BE FIELD TESTED FOR 200 LBS. IN TENSION. WHEN DRILLED-IN CONCRETE ANCHORS ARE USED FOR BRACING WIRES, 1 OUT OF 2 WIRE/ANCHOR ASSEMBLIES MUST BE FIELD TESTED FOR 440 LBS. IN TENSION IN THE DIRECTION OF THE WIRE. SHOT-IN ANCHORS IN CONCRETE ARE NOT PERMITTED FOR BRACING WIRES. NOTE: DRILLED-IN OR SHOT-IN ANCHORS REQUIRE SPECIAL DSA APPROVAL PRIOR TO USE IN PRESTRESSED CONCRETE.
- 1.19 ATTACH ALL LIGHT FIXTURES AND CEILING MOUNTED AIR TERMINALS, TO THE CEILING GRID RUNNERS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURES. SCREWS OR
- 1.20 FLUSH OR RECESSED LIGHT FIXTURES, WEIGHING LESS THAN 56 LBS. AND MECHANICAL TERMINALS AND SERVICES, WEIGHING LESS THAN 20 LBS., MAY BE SUPPORTED DIRECTLY ON THE RUNNERS OF A HEAVY DUTY GRID SYSTEM BUT, IN ADDITION, THEY MUST HAVE A MINIMUM OF TWO (2) #12 GAGE SLACK SAFETY WIRES ATTACHED TO THE FIXTURE AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE. ALL 4 FT. X 4 FT. LIGHT FIXTURES MUST HAVE SLACK SAFETY WIRES AT EACH CORNER. ALL FLUSH OR RECESSED LIGHT FIXTURES WEIGHING 56 LBS. OR MORE AND MECHANICAL TERMINALS AND SERVICES, WEIGHING 20 LBS. OR MORE, MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN FOUR (4) TAUT #12 GAGE WIRES, EACH ATTACHED TO THE FIXTURE AND TO THE STRUCTURE ABOVE. THE FOUR (4) TAUT #12 GAGE WIRES, INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE, MUST BE CAPABLE OF SUPPORTING FOUR (4) TIMES THE WEIGHT OF THE UNIT FLUSH OR RECESSED LIGHT FIXTURES, WEIGHING LESS THAN 56 LBS. AND MECHANICAL TERMINALS AND SERVICES, WEIGHING LESS THAN 20 LBS., MAY BE SUPPORTED DIRECTLY ON THE RUNNERS OF A HEAVY DUTY GRID SYSTEM BUT, IN ADDITION, THEY MUST HAVE A MINIMUM OF TWO (2) #12 GAGE SLACK SAFETY WIRES ATTACHED TO THE FIXTURE AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE. ALL 4 FT. X 4 FT. LIGHT FIXTURES MUST HAVE SLACK SAFETY WIRES AT EACH CORNER.
- ALL FLUSH OR RECESSED LIGHT FIXTURES WEIGHING 56 LBS. OR MORE AND MECHANICAL TERMINALS AND SERVICES, WEIGHING 20 LBS. OR MORE, MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN FOUR (4) TAUT #12 GAGE WIRES. EACH ATTACHED TO THE FIXTURE AND TO THE STRUCTURE ABOVE. THE FOUR (4) TAUT #12 GAGE WIRES. INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE, MUST BE CAPABLE OF SUPPORTING FOUR (4) TIMES THE WEIGHT OF THE UNIT.
- 1.21 SUPPORT SURFACE MOUNTED LIGHT FIXTURES BY AT LEAST TWO POSITIVE DEVICES WHICH SURROUND THE CEILING RUNNER AND WHICH ARE EACH SUPPORTED FROM THE STRUCTURE ABOVE BY A #12 GAGE WIRE. SPRING CLIPS OR CLAMPS THAT CONNECT ONLY TO THE RUNNER ARE NOT ACCEPTABLE. PROVIDE ADDITIONAL SUPPORTS WHEN LIGHT FIXTURES ARE 8 FT. OR LONGER. MAXIMUM SPACING BETWEEN SUPPORTS SHALL NOT EXCEED 8 FEET.
- TWO (2) TIMES THE WEIGHT OF THE FIXTURE. A BRACING ASSEMBLY, PER DETAIL 5 / A913, IS REQUIRED WHERE THE PENDANT HANGER PENETRATES THE CEILING. SPECIAL DETAILS ARE REQUIRED TO ATTACH THE PENDANT HANGER TO THE BRACING ASSEMBLY TO TRANSMIT HORIZONTAL FORCE. IF THE PENDANT MOUNTED LIGHT FIXTURE IS DIRECTLY AND INDEPENDENTLY BRACED BELOW THE
- 1.23 THE CEILING GRID SYSTEM MUST BE RATED AS HEAVY DUTY AS DEFINED BY ASTM C638
- 1.24 METAL PANELS AND PANELS WEIGHING MORE THAN 1/2 PSF, OTHER THAN MINERAL FIBER ACOUSTICAL TILE, ARE TO BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION RUNNEI
- 1.25 ALL LIGHT-WEIGHT MISCELLANEOUS DEVICES, SUCH AS STROBE LIGHTS, SPEAKERS, ETC., SHALL BE ATTACHED TO THE CEILING GRID PER SECTION 7.1 OF IR. IN ADDITION, DEVICES WEIGHING MORE THAN 10 LBS SHALL HAVE A #12 SLACK SAFETY WIRE ANCHORED TO THE STRUCTURE ABOVE. DEVICES WEIGHING MORE THAT 20 LBS SHALL BE SUPPORTED FROM THE STRUCTURE ABOVE.



## SCHEMATIC SUSPENDED LAY-IN PANEL CEILING FRAMING PLAN



#12 GAUGE MIN.HANGER WIRE @ 48" O.C. MAX.EACH WAY (MAXIMUM 16 SQUARE FEET SUPPORTED AREA) OR METAL STUD COMPRESSION STRUT, ATTACHED TO STRUCTURE ABOVE; PROVIDE STRUT AT EACH BRACING ASSEMBLY, TYPICAL.

CROSS RUNNER OR MAIN RUNNER

**CROSS RUNNER** MAIN RUNNER (4) 12 GA. BRACING WIRE AT EA **COMPRESSION STRUT W/ MIN. 4** 2" (MAX) FROM BRACING TIGHT TURNS IN 1-1/2" BOTH ENDS OF WIRES TO COMPRESSION WIRE CONNECT TO MAIN RUNNER STRUT AND CROSS RUNNER **COMPRESSION STRUTS:** COMPRESSION STRUTS SHALL NOT REPLACE HANGER WIRES. MAXIMUM KL/R RATIO OF 200 OR LESS. ATTACH COMPRESSION STRUTS TO MAIN RUNNERS WITHIN TWO (2) INCHES OF CROSS RUNNER. THE ATTACHMENT AT THE TOP SHALL BE CAPABLE OF SUPPORTING FOUR TIMES THE WEIGHT OF THE STRUT.

**COMPRESSION STRUT** 

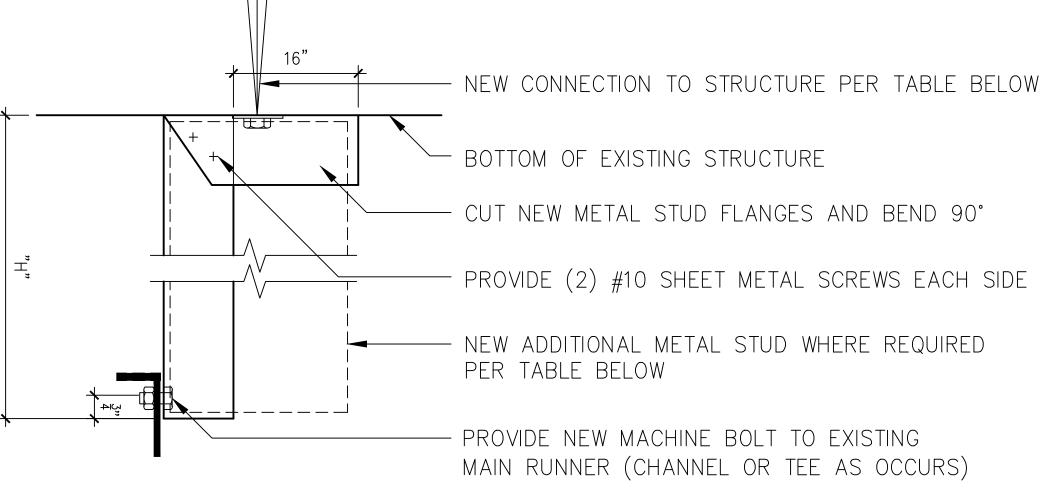
12 GA. VERTICAL HANGER

OC. AT MAIN RUNNER)

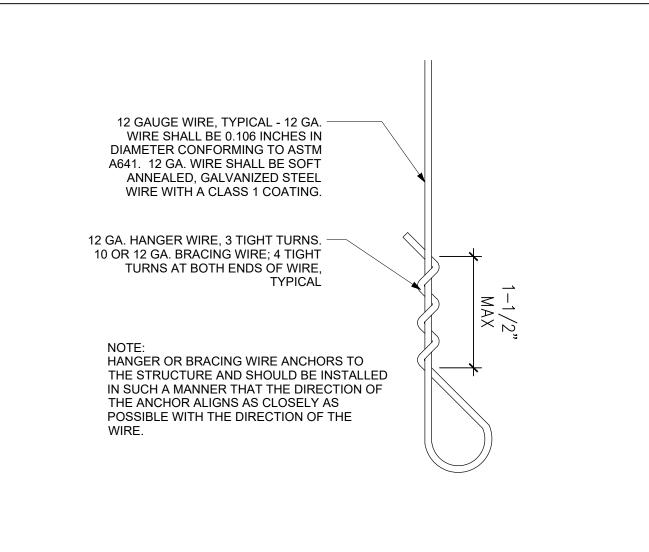
WIRE AT 4'-0" EACH WAY (4'

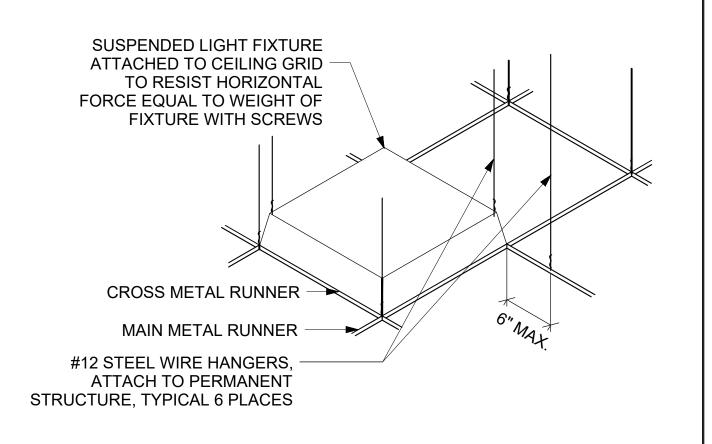
MINIMUM 3 TIGHT TURNS IN

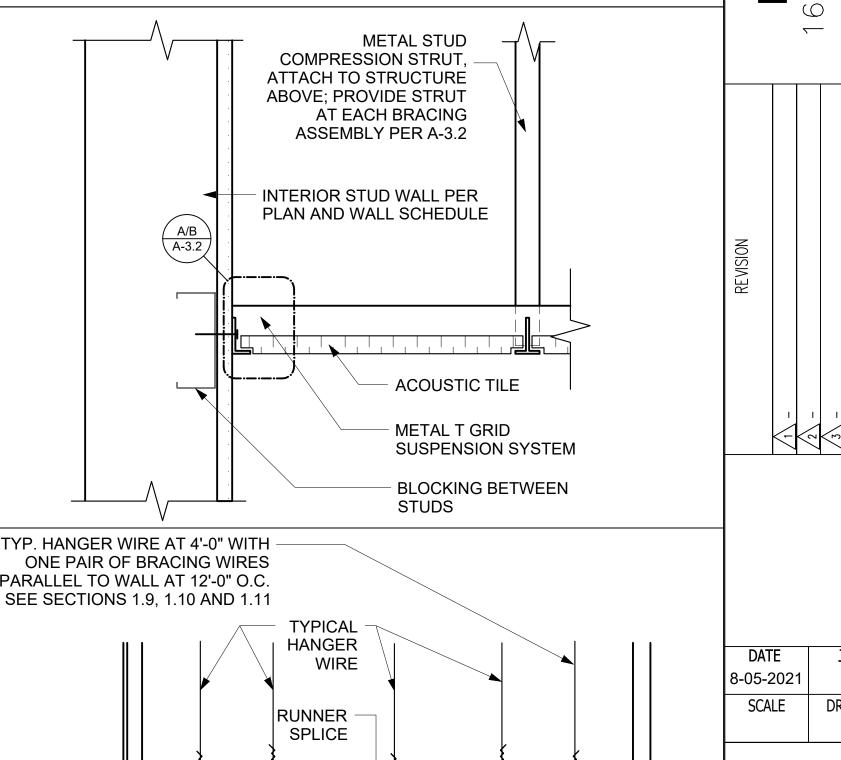
1 1/2" BOTH ENDS (TYPICAL)



SPECIFICATIONS							
"H"	LESS THAN 8'-0"	>8'-0" LESS THAN 20'-0"					
PLAN VIEW							
METAL STUD SIZE	(1) 4"x20 GA. ICC-ESR 4062	(2) 4"x20 GA. JOINED W/ #10 S.M.S.@ 12" O.C. ICC-ESR 4062					
CONNECTION TO CONC. OR MTL DECK W/ CONC. FILL	3/8" Ø EXPANSION ANCHOR WITH MIN. 5" EMBEDMENT	3/8" Ø EXPANSION ANCHOR WITH MIN. 5" EMBEDMENT					
CONNECTION TO MTL. DECK, MTL. OR WD. BEAM	(2) #12 SHEET METAL SCREWS THRU LOCK WASHERS	(2) #12 SHEET METAL SCREWS THRU LOCK WASHERS					
KL/R <200	@8'-0" KL/R=157	@8'-0" KL/R=151					







POP RIVET

2" LEDGER

— POP RIVET

( A ) CONNECTED WALL

2" STANDARD LEDGER

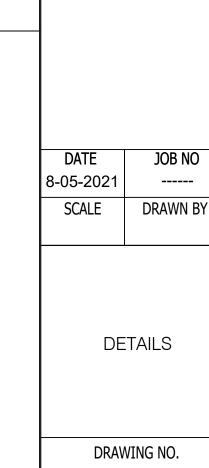
ANGLE- CONNECT TO STRUCTURE. NOT FINISH

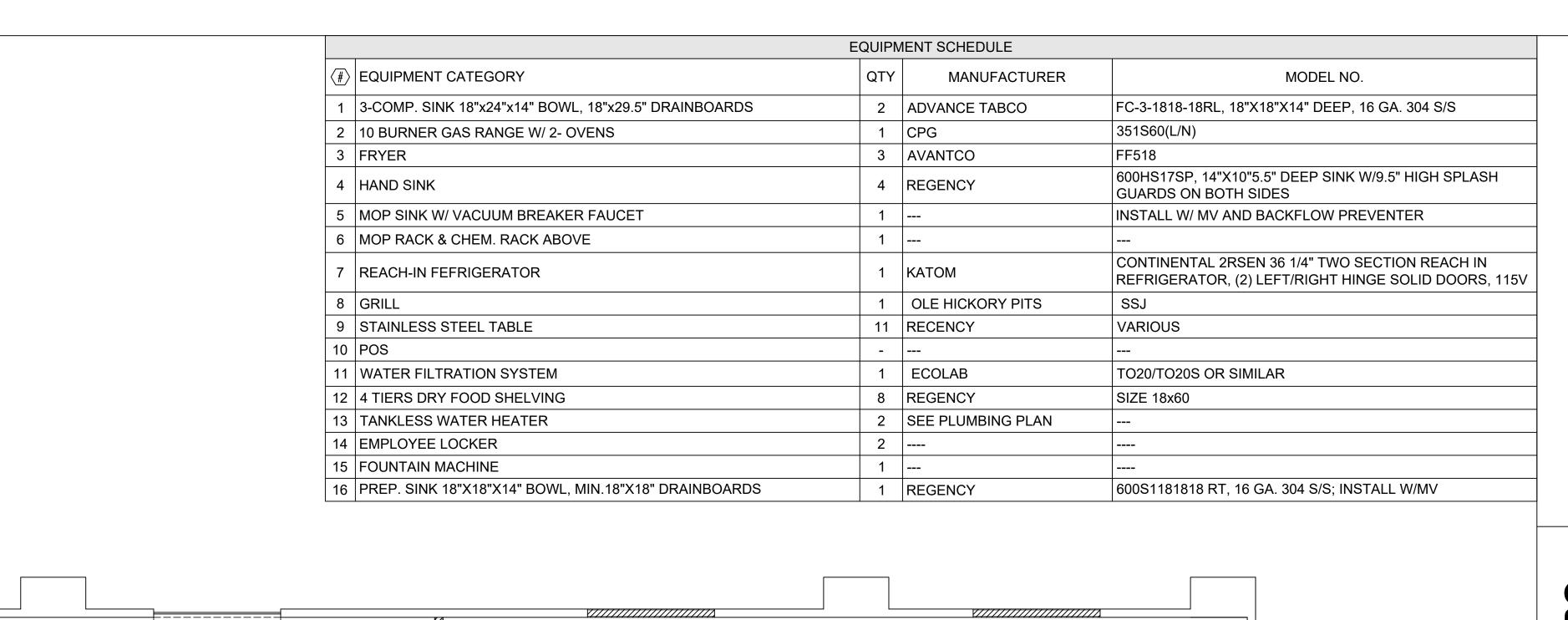
**ANGLE** 

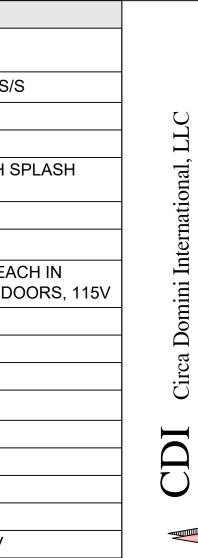
(B) WALL SLIP

SCALE:

NONE

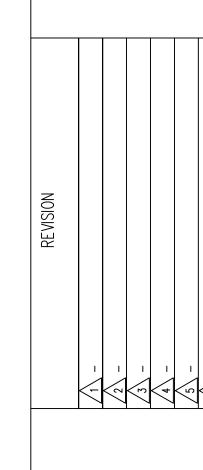








26,  $\bigcirc$ 6400



JOB NO SCALE DRAWN BY

**EQUIPMENT PLAN** & SCHEDULES

DRAWING NO.

